



Città di Segrate

PROVINCIA DI MILANO

OGGETTO

RIQUALIFICAZIONE URBANA MEDIANTE L'ABBATTIMENTO E LA RICOSTRUZIONE DI UN EDIFICIO DA DESTINARE AD ATTIVITÀ' RICETTIVA

UBICAZIONE

Via Rivoltana 98, Segrate (MI) - Foglio 35 - p.lle 67-70-71-72

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STRUTTURE

Relazione tecnica e di calcolo

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VERIFICATO

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1. PREMESSA

Nella presente relazione di calcolo è sviluppato il progetto definitivo, **ai sensi delle norme attualmente vigenti NTC18**, di un edificio adibito ad Hotel sito in Via Rivoltana n.98 nel comune di Segrate (MI). L'edificio si sviluppa in adiacenza ai binari della stazione ferroviaria di Segrate sulla stessa area di sedime di un edificio esistente che sarà oggetto di demolizione.

Si riporta di seguito una vista planimetrica dell'area oggetto dell'intervento con evidenziato l'edificio da demolire:

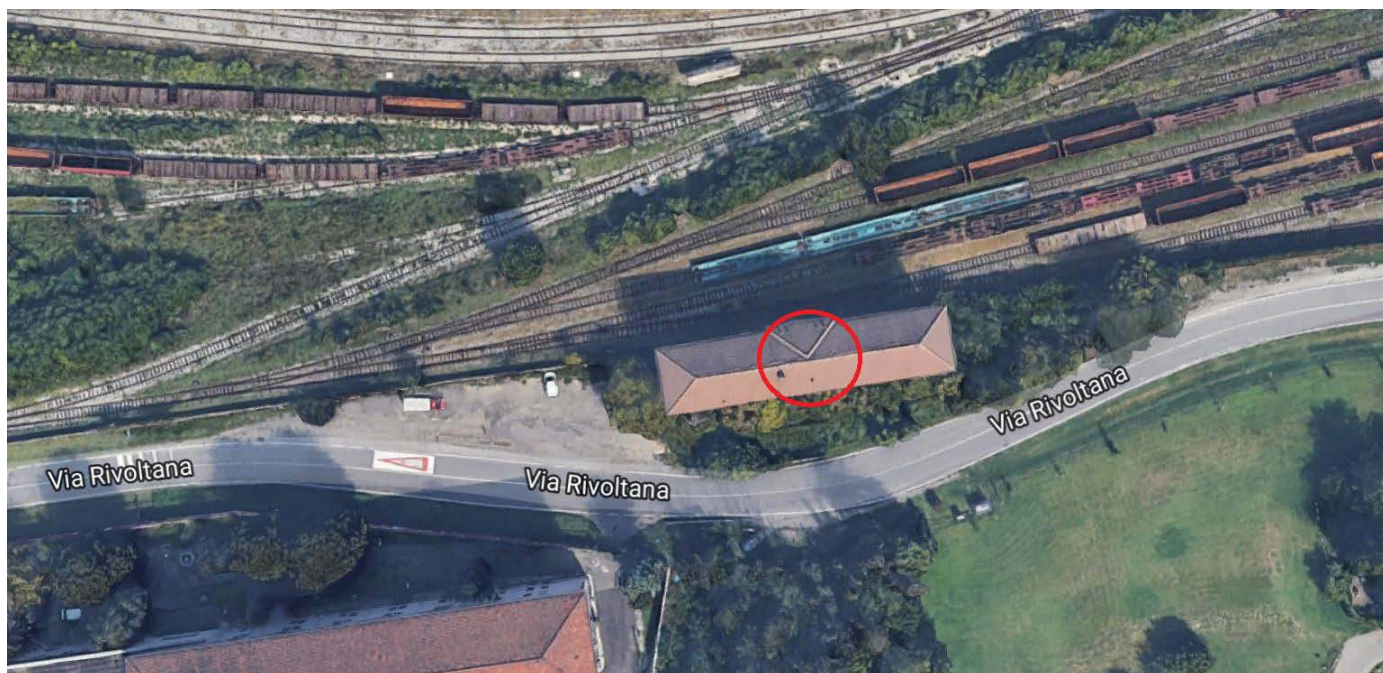


Figura 1. Vista planimetrica area

2. NORMATIVA DI RIFERIMENTO

Tutte le calcolazioni sono state eseguite nel rispetto delle normativa NTC18 attualmente vigente.

In particolare si è fatto riferimento:

- D.M. 17.01.2018 Nuove Norme Tecniche per le Costruzioni
- Circolare 21 Gennaio 2019, n. 7 Istruzione per l'applicazione dell'Aggiornamento delle "Norme Tecniche per le Costruzioni" di cui al DM 17 gennaio 2018
- EN 1992-1-1-1:2004 Eurocodice 2: Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici
- EN 1998-1 Eurocodice 8: Progettazione delle strutture per resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici

3. GEOMETRIA DELLA STRUTTURA

L'edificio è costituito da 12 piani complessivi di cui 4 piani interrati e 8 piani fuori terra. Lo sviluppo in pianta della struttura nei piani interrati è pari a circa 90,00 m. x 24,00 m., mentre lo sviluppo in pianta della struttura in elevazione è pari a circa 77,00 m. x 13,50 m..

Il perimetro esterno dei 4 piani interrati è costituito da diaframmi in c.a. di spessore 120cm e lunghezza 32 metri. La platea di fondazione è impostata alla quota di circa -17,40 m. dal piano di campagna ed è di spessore pari a 2,50 m..

L'edificio è a struttura intelaiata in c.a. con 3 sistemi di pareti a nucleo in corrispondenza dei vani scala, posti rispettivamente alle estremità dell'edificio e in posizione centrale, i quali assolvono, tra l'altro, alla funzione di assorbire le azioni sismiche.

I livelli zero (estradosso platea), solaio primo e solaio secondo sono adibiti a parcheggi; il livello solaio terzo è adibito a parcheggi e palestra con piscina; il livello solaio quarto (piano terra) è adibito ad attività comuni dell'albergo (bar, reception,..); il livello solaio quinto (piano primo) è adibito a attività alberghiera – camere più sala conferenze; i solai dal numero sei al numero dieci sono adibiti a camere; il solaio undici è adibito a ristorante e piscina; il solaio dodici è adibito a copertura e componenti impiantistiche.

I setti sono di spessore pari a 30cm.

I solai sono di spessore:

- solai 1° e 2°: predalle 5+20+5
- solai 3° e 4°: predalle 5+25+5
- solaio 5°: solaio latero-cemento 30+5
- solai dal 6° al 12°: solaio latero-cemento 25+5

Le travi sono a spessore di solaio eccetto alcuni elementi notevoli tipo:

- Puntoni 80x80 che puntano i diaframmi in c.a.;
- Travi 60x80 e 80x80 a sostegno dei pilastri in falso della facciata principale (facciata curva);
- Travi 50x80 longitudinali di facciata dei primi cinque solai (facciata curva).

I pilastri sono di sezione quadrata, rettangolare e circolare.

Si riporta a seguire, per semplicità espositiva, la tabella riassuntiva delle sezioni di travi e pilastri utilizzata per l'INPUT del software:

RIF.TO	DIMENSIONI
TRA_01	100X30
TRA_02	80X30
TRA_03	50X30
TRA_04	50X80
TRA_05	50X60
TRA_06	50X50
TRA_07	100X35
TRA_08	80X35
TRA_09	50X35
TRA_10	120X35
TRA_11	90-35X145-30
TRA_12	60X80
TRA_13	40X35
TRA_14	80X80
TRA_15	70X30
TRA_16	60X30
TRA_17	60-30X90-30
TRA_18	40X30
TRA_19	30X80

RIF.TO	DIMENSIONI
PIL_01	80X60
PIL_02	60X60
PIL_03	FI50
PIL_04	50X100
PIL_05	50X80
PIL_06	40X60
PIL_07	40X100
PIL_08	30X56
PIL_09	30X80

Per maggiori dettagli si rimanda alle tavole delle carpenterie strutturali e ai corrispondenti tabulati di calcolo.

4. FASI REALIZZATIVE

Le caratteristiche peculiari dell'edificio sono:

- scavo profondo fino a circa 17,50 metri dal piano di campagna;
- presenza di falda alla profondità di 3,00 metri dal piano di campagna;
- presenza di binari ferroviari in adiacenza all'edificio.

Per quanto sopra specificato si rende necessario studiare una successione di fasi realizzative che garantiscano l'esecuzione dello scavo senza afflusso di acqua di falda al suo interno (fenomeni di filtrazione trascurabili) e senza cedimenti indotti nell'area adiacente dei binari sia per assenza di abbassamento della falda che per assenza di spostamenti orizzontali degli elementi di sostegno delle terre.

A tal fine saranno eseguiti dei trattamenti preliminari del suolo dalla profondità di 17,50 mt che corrisponde alla quota di imposta della platea mediante jet-grouting per l'impermeabilizzazione del fondo dello scavo.

Si prevede inoltre la realizzazione di diaframmi in c.a. di spessore 120cm tra di loro adiacenti per consentire lo scavo e garantire al contempo la tenuta idraulica anche in corrispondenza delle pareti laterali. I diaframmi saranno dotati di sistemi di impermeabilizzazione dei giunti.

Durante le fasi di scavo verranno disposti dei tubolari con funzione di puntoni su 4 ordini in altezza, al fine di impedire spostamenti orizzontali dei diaframmi e quindi impedire cedimenti indotti sull'area dei binari ferroviari. I puntoni verranno progressivamente rimossi durante la costruzione dell'edificio dal basso verso l'alto, previa realizzazione di magrone, posa in opera di guaina bentonitica, successivo massetto protettivo e realizzazione della platea in c.a.

Le fasi realizzative sono descritte in un'apposita tavola.

5. MATERIALI

Per le opere in c.a. si adotta:

- un calcestruzzo C (32/40) a ritiro compensato le cui caratteristiche principali sono:

Resistenza cilindrica caratteristica: $f_{ck} = 32 \text{ N/mm}^2$

Resistenza di calcolo a compressione semplice: $f_{cd} = \alpha_{cc} f_{ck} / \gamma_m = 18.13 \text{ N/mm}^2$,

essendo:

$\alpha_{cc} = 0.85$ e $\gamma_m = 1.5$;

Resistenza di calcolo a trazione semplice: $f_{ctd} = f_{ctk} / \gamma_m = 2.1 \text{ N/mm}^2$,

essendo:

$\gamma_m = 1.5$;

Modulo elastico: $E_c = 33346 \text{ N/mm}^2$.

- acciaio da cemento armato normale B450C controllato in stabilimento. Le barre sono ad aderenza migliorata.

Le caratteristiche meccaniche sono:

tensione caratteristica di snervamento: $f_{yk} = 450 \text{ N/mm}^2$

resistenza di calcolo dell'acciaio: $f_{yd} = f_{yk} / \gamma_s = 391 \text{ N/mm}^2$

essendo

$\gamma_s = 1.15$

Allungamento $D1 > 12\%$

Modulo di elasticità: $E_s = 206000 \text{ N/mm}^2$

6. CARATTERIZZAZIONE GEOTECNICA

Il sottosuolo di fondazione è stato suddiviso in n. 3 unità geotecniche:

- UG1 = Depositi sabbiosi, con alternanze di frazioni ghiaiose e limose argillose
- UG2 = Depositi ghiaiosi, con matrice variabile in termini di frazione sabbiosa e limoso argillosa
- UG3 = Depositi limosi con sabbia e argilla

Nello spessore di interesse (32 metri) prevalgono le unità geotecniche UG1 e UG2, tra loro stratificate.

Per la caratterizzazione geotecnica si è tenuto conto dei risultati delle prove penetrometriche SPT in situ.

Si è trascurata la componente coesiva e si è determinato il coefficiente di attrito con la relazione:

angolo di attrito:	$\Phi = 15 + \text{SQRT}(15 \cdot \text{SPT})$	Road Bridge Specification
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Z (m)	Z (m)	N1-N2-N3	Nspt	Φ°	Z (m)	N1-N2-N3	Nspt	Φ°	Z (m)	N1-N2-N3	Nspt	Φ°	Z (m)	N1-N2-N3	Nspt	Φ°
1,00									1,5	5-7-8	15	30	1,5	18-21-24	39	39
2,00	2,0	12-24-26	36	38												
3,00					3,0	8-6-6	14	29	3,5	16-27-27	43	40	3,0	16-22-25	38	39
4,00													4,5	18-25-26	43	40
5,00									5,0	26-35-40	50	42				
6,00	6,0	12-19-31	31	37									6,0	36-19-35	50	42
7,00					7,0	22-50	50	42					7,5	38-44-49	50	42
8,00																
9,00	9,0	30-36-38	50	42					9,8	24-28-32	50	42				
10,00					10,5	36-50	50	42					10,0	35-38-40	50	42
11,00																
12,00	12,0	27-40-49	50	42					12,5	40-44	50	42	12,0	35-45-49	50	42
13,00					13,5	30-39-45	50	42					13,5	38-44-48	50	42
14,00	14,0	31-33-38	50	42												
15,00					15,5	30-36-41	50	42	15,0	37-47	50	42	15,0	36-44	50	42
16,00																
17,00	17,0	46-50-50	50	42									17,0	32-45-48	50	42
18,00									18,0	35-49	50	42				
19,00	19,5	38-44-47	50	42	19,0	37-45-49	50	42								
20,00									20,5	36-39-44	50	42	20,0	30-39-46	50	42

Z (m)	Z (m)	N1-N2-N3	Nspt	Φ°	Z (m)	N1-N2-N3	Nspt	Φ°	Z (m)	N1-N2-N3	Nspt	Φ°	Z (m)	N1-N2-N3	Nspt	Φ°
21,00	21,0	50	50	42	21,5	40-45-49	50	42								
22,00	22,3	36-44-50	50	42					22,5	38-42-49	50	42				
23,00																
24,00	24,0	35-39-44	50	42					24,0	35-38-42	50	42	24,0	46-50	50	42
25,00	25,6	36-44	50	42	25,5	30-35-38	50	42	25,0	36-39	50	42				
26,00																
27,00	27,0	46-50	50	42					27,0	38-44	50	42				
28,00	28,5	50	50	42	28,0	6-10-12	22	33	28,3	16-21-30	50	42				
29,00													29,0	33-36-39	50	42
30,00	30,0	50	50	42					30,0	18-22-29	50	42				
31,00					31,0	36-40-44	50	42								
32,00																
33,00																
34,00					34,0	42-49-48	50	42								
35,00													35,0	36-47-48	50	42
36,00																
37,00					37,5	46-50	50	42								
38,00																
39,00																
40,00					40,0	18-27-27	45	41								
41,00																
42,00													42,0	36-24-24	48	42
43,00					43,3	8-11-13	24	34								
44,00																
45,00					45,0	13-16-18	34	38								

Per le successive calcolazioni sono stati individuati tre strati con le seguenti caratteristiche:

Strato	da	a	Descrizione	γ	ϕ'	c'	cu
1	0.00	3.00	STRATO 1	19.00	30	0.0	0.0
2	3.00	27.00	STRATO 2	20.00	31	0.0	0.0
3	27.00	32.00	STRATO 3	19.00	24	0.0	0.0

I valori adottati per l'angolo d'attrito sono fortemente cautelativi rispetto a quelli derivanti dalle prove SPT in situ.

La superficie piezometrica è posizionata a una profondità di 3,00 metri dal piano di campagna.

7. CARATTERIZZAZIONE SISMICA

La caratterizzazione sismica, e quindi i relativi parametri sismici di calcolo, è stata dedotta a partire dalle coordinate geografiche del sito di riferimento:

Latitudine **9,2712**
Longitudine **45,4725**

Con riferimento alla nuova classificazione sismica del territorio nazionale, ai fini del calcolo dell'azione sismica secondo il DM 17/01/2018 viene assegnata all'opera una vita nominale $V_N \geq 50$ anni ed una classe d'uso III (alberghi) con $C_u=1,5$;

segue un periodo di riferimento $V_R = V_N * C_u = 75$ anni.

A seguito di tale assunzione si ottiene allo stato limite ultimo SLV in funzione della Latitudine e Longitudine del sito in esame un valore dell'accelerazione pari a $a_g = 0.062g$, come desunto anche dalla relazione geotecnica.

In assenza di analisi specifiche della risposta sismica locale, l'accelerazione massima può essere valutata con la relazione:

$$a_{max} = S * a = S_s * S_t * a_g$$

dove assumendo un terreno di tipo B ed in base al fattore di amplificazione del sito F_0 si ottiene:

$S_s = 1.2$ Coefficiente di amplificazione stratigrafica

$S_t = 1$ Coefficiente di amplificazione topografica ne deriva che:

8. ANALISI DEI CARICHI

Si riportano di seguito i carichi utilizzati per il calcolo delle sollecitazioni e le verifiche delle sezioni della struttura in esame.

8.1. PESO PROPRIO DELLE STRUTTURE PRINCIPALI (CONDIZIONE G1)

Il *peso proprio* degli elementi strutturali principali dell'edificio (travi pilastri diaframmi e setti) viene calcolato automaticamente dal programma di calcolo utilizzato considerando per il calcestruzzo $\gamma = 25 \text{ kN/m}^3$.

8.2. ANALISI DEI CARICHI DELLE STRUTTURE SECONDARIE (G1, G2, Q)

Le strutture secondarie dell'edificio, rappresentate dai campi di solaio, hanno i seguenti schemi di carico (pattern loads):

G1-ID	pesi propri	G1
G1-01	solaio 5+20+5 - 40+12=52	4.35
G1-02	solaio 5+25+5 - 40+12=52	4.81
G1-03	solaio 25+5 - 40+12=52	3.56
G1-04	solaio 30+5 - 40+12=52	4.02
G1-05	rampa soletta c.a. s=30cm	7.50
G1-06	scale c.a. s=15cm	6.44
G1-07	soletta piscina s=30cm	7.50
G1-08	soletta piscina s=35cm	8.75
G1-09		
G1-10		
G1-11		
G1-12		

G2a-ID	massetti e pavimenti	G2a
G2a-01	spessore 10cm	2.00
G2a-02	spessore 11cm	2.20
G2a-03	spessore 18cm	3.60
G2a-04	rivestimento scale	1.57
G2a-05		
G2a-06		
G2a-07		
G2a-08		
G2a-09		
G2a-10		
G2a-11		
G2a-12		

Q-ID	variabili	Q
Q-01	parcheggi <= 30kN (cat.F)	2.50
Q-02	deposito merci (cat.E)	6.00
Q-03	palestra (C4)	5.00
Q-04	accesso alberghi (cat.C3)	5.00
Q-05	alberghi (cat.A)	2.00
Q-06	balconi e scale (cat.A)	4.00
Q-07	balconi e scale (cat.B)	4.00
Q-08	saletta conferenze (cat.C)	4.00
Q-09	esterni	2.00
Q-10	ristorante caffè	3.00
Q-11	manutenzione	0.50
Q-12	neve	1.20

G2b-ID	tramezzi e varie	G2b
G2b-01	tramezzi H=3,00-3,05m	2.00
G2b-02	tramezzi H=4,00m	2.00
G2b-03	tramezzi H=4,20m	2.00
G2b-04	tamp. H=3,00-3,05m sup.	2.34
G2b-05	tamp. H=4,00m sup.	3.12
G2b-06	tamp. H=4,20m sup.	3.28
G2b-07	tamp. H=3,00-3,05m lin.	9.00
G2b-08	tamp. H=4,00m lin.	12.00
G2b-09	tamp. H=4,20m lin.	12.60
G2b-10	tamp. est. lin.	8.01
G2b-11	pareti vetrate	3.60
G2b-12	palestra vasche	11.00
G2b-13	ristorante piscina	9.00
G2b-14	parapetti	3.75
G2b-15	fioriere H=50cm	10.00
G2b-16	impianti esterni	2.00

G2c-ID	intonaci e controsoffitti	G2c
G2c-01	intonaco	0.30
G2c-02	controsoffitti	0.30
G2c-03		
G2c-04		
G2c-05		
G2c-06		
G2c-07		
G2c-08		
G2c-09		
G2c-10		
G2c-11		
G2c-12		
G2c-13		
G2c-14		
G2c-15		
G2c-16		

Gli schemi di carico sono organizzati secondo i gruppi di schemi G1, G2a, G2b, G2c e Q ove:

G1	pesi propri
G2a	massetti e pavimenti
G2b	tramezzi e varie
G2c	intonaci e controsoffitti
Q	variabili

Gli schemi di carico G2b-07, G2b-08, G2b-09, G2b-10, G2b-11 e G2b-14 sono carichi lineari agenti sulle travi.

Ogni campo di solaio è individuato univocamente mediante il livello (Solai da 01 a 12) e il numero di campo:

SOLAIO	CAMPO	DESCRIZIONE	G1	G1	G2a	G2a	G2b	G2b	G2c	G2c	G2	Q	Q	TOT
01	01	parcheggio veicoli <=30kN	G1-01	4.35	G2a-01	2.00		0.00		0.00	2.00	Q-01	2.50	8.85
01	02	rampa	G1-05	7.50	G2a-01	2.00		0.00		0.00	2.00	Q-01	2.50	12.00
01	03	scale	G1-06	6.44	G2a-04	1.57		0.00	G2c-01	0.30	1.87	Q-07	4.00	12.31
01	04	accesso scale	G1-01	4.35	G2a-01	2.00	G2b-01	2.00		0.00	4.00	Q-07	4.00	12.35
02	01	parcheggio veicoli <=30kN	G1-01	4.35	G2a-01	2.00		0.00		0.00	2.00	Q-01	2.50	8.85
02	02	rampa	G1-05	7.50	G2a-01	2.00		0.00		0.00	2.00	Q-01	2.50	12.00
02	03	scale	G1-06	6.44	G2a-04	1.57		0.00	G2c-01	0.30	1.87	Q-07	4.00	12.31
02	04	accesso scale	G1-01	4.35	G2a-01	2.00	G2b-01	2.00		0.00	4.00	Q-07	4.00	12.35
03	01	parcheggio veicoli <=30kN	G1-02	4.81	G2a-01	2.00		0.00		0.00	2.00	Q-01	2.50	9.31
03	02	rampa	G1-05	7.50	G2a-01	2.00		0.00		0.00	2.00	Q-01	2.50	12.00
03	03	scale	G1-06	6.44	G2a-04	1.57		0.00	G2c-01	0.30	1.87	Q-07	4.00	12.31
03	04	accesso scale	G1-02	4.81	G2a-01	2.00	G2b-02	2.00		0.00	4.00	Q-07	4.00	12.81
03	05	stoccaggio merci	G1-02	4.81	G2a-01	2.00	G2b-02	2.00		0.00	4.00	Q-02	6.00	14.81
03	06	palestra standard	G1-02	4.81	G2a-01	2.00	G2b-02	2.00		0.00	4.00	Q-03	5.00	13.81
03	07	palestra tamp. pesante	G1-02	4.81	G2a-01	2.00	G2b-05	3.12		0.00	5.12	Q-03	5.00	14.93
03	08	palestra vasche	G1-02	4.81	G2a-01	2.00	G2b-12	11.00		0.00	13.00		0.00	17.81
03	09	palestra piscina	G1-08	8.75	G2a-01	2.00	G2b-12	11.00		0.00	13.00		0.00	21.75
04	01	accesso alberghi	G1-02	4.81	G2a-03	3.60	G2b-03	2.00	G2c-02	0.30	5.90	Q-04	5.00	15.71
04	02	copertura rampe	G1-02	4.81	G2a-03	3.60		0.00		0.00	3.60	Q-09	2.00	10.41
04	03	scale	G1-06	6.44	G2a-04	1.57		0.00	G2c-01	0.30	1.87	Q-07	4.00	12.31
04	04	accesso scale	G1-02	4.81	G2a-03	3.60	G2b-03	2.00	G2c-02	0.30	5.90	Q-07	4.00	14.71
05	01	camere	G1-04	4.02	G2a-02	2.20	G2b-01	2.00	G2c-02	0.30	4.50	Q-05	2.00	10.52
05	02	saletta conferenze	G1-04	4.02	G2a-02	2.20	G2b-01	2.00	G2c-02	0.30	4.50	Q-08	4.00	12.52
05	03	scale	G1-06	6.44	G2a-04	1.57		0.00	G2c-01	0.30	1.87	Q-07	4.00	12.31
05	04	accesso scale	G1-04	4.02	G2a-02	2.20	G2b-01	2.00	G2c-01	0.30	4.50	Q-07	4.00	12.52
05	05	balcone senza fioriere	G1-04	4.02	G2a-02	2.20		0.00	G2c-01	0.30	2.50	Q-07	4.00	10.52
05	06	balcone con fioriere	G1-04	4.02	G2a-02	2.20	G2b-15	10.00	G2c-01	0.30	12.50		0.00	16.52
6-10	01	camere	G1-03	3.56	G2a-02	2.20	G2b-01	2.00	G2c-01	0.30	4.50	Q-05	2.00	10.06
6-10	02	scale	G1-06	6.44	G2a-04	1.57		0.00	G2c-01	0.30	1.87	Q-07	4.00	12.31
6-10	03	accesso scale	G1-03	3.56	G2a-02	2.20	G2b-01	2.00	G2c-02	0.30	4.50	Q-07	4.00	12.06
11	01	ristorante	G1-03	3.56	G2a-03	3.60	G2b-01	2.00	G2c-01	0.30	5.90	Q-10	3.00	12.46
11	02	scale	G1-06	6.44	G2a-04	1.57		0.00	G2c-01	0.30	1.87	Q-07	4.00	12.31
11	03	accesso scale	G1-03	3.56	G2a-03	3.60	G2b-01	2.00	G2c-01	0.30	5.90	Q-07	4.00	13.46
11	04	piscina	G1-07	7.50	G2a-01	2.00	G2b-13	9.00	G2c-01	0.30	11.30		0.00	18.80
11	05	terrazzo	G1-03	3.56	G2a-03	3.60		0.00	G2c-01	0.30	3.90	Q-07	4.00	11.46
12	01	copertura	G1-03	3.56	G2a-03	3.60	G2b-16	2.00	G2c-01	0.30	5.90	Q-11	0.50	9.96
12	01	copertura	G1-03	-	G2a-03	-	G2b-16	-	G2c-01	-	-	Q-12	1.20	1.20

8.3. AZIONI TERMICHE

Alla struttura in c.a. si applica una variazione termica uniforme pari a $\Delta t = \pm 10^\circ\text{C}$ come disposto alla tabella 3.5.II del paragrafo 3.5.5 per strutture in c.a. e c.a.p. protette:

Tab. 3.5.II – Valori di ΔT_u per gli edifici

Tipo di struttura	ΔT_u
Strutture in c.a. e c.a.p. esposte	$\pm 15^\circ\text{C}$
Strutture in c.a. e c.a.p. protette	$\pm 10^\circ\text{C}$
Strutture in acciaio esposte	$\pm 25^\circ\text{C}$
Strutture in acciaio protette	$\pm 15^\circ\text{C}$

In SAP2000 si definisce un Load Pattern $DT = +10^\circ\text{C}$, due Load Cases $DT(+)$ = $DT \times (+1)$ e $DT(-)$ = $DT \times (-1)$, un Load Case $EnvDT$ = Envelope ($DT(+)$; $DT(-)$). Nelle combinazioni di carico SLU si inserisce $EnvDT$, che quindi contiene per ogni sezione gli effetti massimi e minimi dovuti alla variazione termica, sia positiva che negativa.

8.4. RITIRO

Gli effetti del ritiro sull'edificio sono stati trascurati in quanto si utilizzeranno calcestruzzi a ritiro compensato. Inoltre i getti degli orizzontamenti lungo la dimensione maggiore saranno eseguiti per sottocantieri pari e dispari.

8.5. AZIONI SISMICHE

Per il calcolo dell'azione sismica sull'edificio si esegue un'analisi lineare dinamica con fattore di comportamento q sia agli SLV che agli SLD. Si applica quanto previsto per le strutture non dissipative assumendo $q = 1,50$ per entrambi i gruppi di combinazioni di carico (SLV e SLD). Come previsto al 7.4.1., le sezioni in c.a. in combinazione sismica saranno quindi verificate al limite elastico come definito al 4.1.2.3.4.2 e non allo stato limite ultimo come previsto invece per le combinazioni SLU.

Tab. 7.3.I – Limiti su q e modalità di modellazione dell'azione sismica

STATI LIMITE		Lineare (Dinamica e Statica)		Non Lineare	
		Dissipativo	Non Dissipativo	Dinamica	Statica
SLE	SLO	$q = 1,0$ § 3.2.3.4	$q = 1,0$ § 3.2.3.4	§ 7.3.4.1	§ 7.3.4.2
	SLD	$q \leq 1,5$ § 3.2.3.5	$q \leq 1,5$ § 3.2.3.5		
SLU	SLV	$q \geq 1,5$ § 3.2.3.5	$q \leq 1,5$ § 3.2.3.5		
	SLC	---	---		

Si ottengono, in conclusione, i seguenti parametri sismici per i vari stati limite:

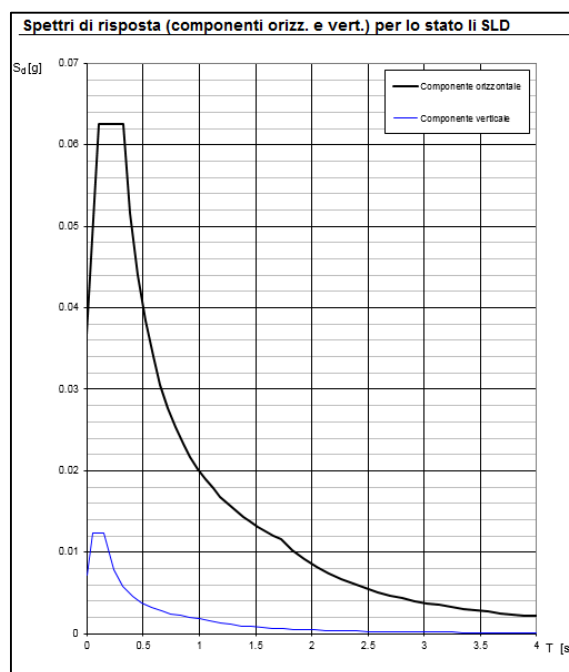
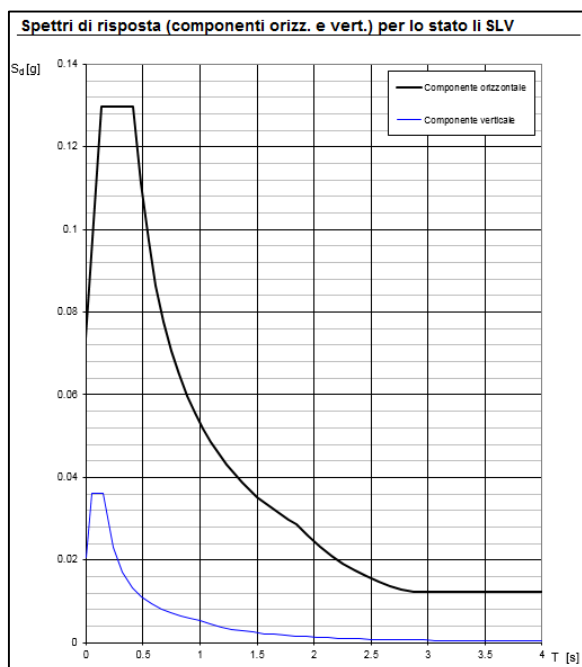
Function - Response Spectrum - Italian NTC 2018													
	agOverg	F0	T*c	LimitState	UsageClass	Vn	Spect.Type	SoilType	Topog.	Tb	Tc	Td	q
SP_SLV_H	0.062	2.65	0.29	SLV	III	50	Design Horiz.	B	T1	0.136	0.409	1.847	1.5
SP_SLV_V	0.062	2.65	0.29	SLV	III	50	Design Vert.	B	T1	0.050	0.150	1.000	1.5
SP_SLD_H	0.031	2.56	0.21	SLD	III	50	Design Horiz.	B	T1	0.107	0.320	1.723	1.5
SP_SLD_V	0.031	2.56	0.21	SLD	III	50	Design Vert.	B	T1	0.050	0.150	1.000	1.5

Per il calcolo della massa sismica utilizzata per il calcolo dell'azione sismica sulla struttura sono stati considerati i seguenti carichi con i seguenti moltiplicatori:

Mass Source		
MassSource	LoadPat	Multiplier
MASSA SISMICA	G1-01	1
MASSA SISMICA	G1-03	1
MASSA SISMICA	G1-02	1
MASSA SISMICA	G1-04	1
MASSA SISMICA	G1-05	1
MASSA SISMICA	G1-06	1
MASSA SISMICA	G1-07	1
MASSA SISMICA	G1-08	1
MASSA SISMICA	G2a-01	1
MASSA SISMICA	G2a-02	1
MASSA SISMICA	G2a-03	1
MASSA SISMICA	G2a-04	1
MASSA SISMICA	G2b-01	1
MASSA SISMICA	G2b-02	1
MASSA SISMICA	G2b-03	1
MASSA SISMICA	G2b-04	1
MASSA SISMICA	G2b-05	1
MASSA SISMICA	G2b-06	1
MASSA SISMICA	G2b-07	1
MASSA SISMICA	G2b-08	1
MASSA SISMICA	G2b-09	1

Mass Source		
MassSource	LoadPat	Multiplier
MASSA SISMICA	G2b-10	1
MASSA SISMICA	G2b-11	1
MASSA SISMICA	G2b-12	1
MASSA SISMICA	G2b-13	1
MASSA SISMICA	G2b-14	1
MASSA SISMICA	G2b-15	1
MASSA SISMICA	G2b-16	1
MASSA SISMICA	G2c-01	1
MASSA SISMICA	G2c-02	1
MASSA SISMICA	Q-01_Parcheggi(F)	0.6
MASSA SISMICA	Q-02_Merci(E)	0.8
MASSA SISMICA	Q-03_Palestra(C4)	0.6
MASSA SISMICA	Q-04_Accesso(C3)	0.6
MASSA SISMICA	Q-05_Alberghi(A)	0.3
MASSA SISMICA	Q-06_Balconi/Scale(A)	0.6
MASSA SISMICA	Q-07_Balconi/Scale(B)	0.6
MASSA SISMICA	Q-08_Conferenze(C2)	0.6
MASSA SISMICA	Q-09_Esterni	0.3
MASSA SISMICA	Q-10_Ristoranti	0.3
MASSA SISMICA	Q-11_Manutenzione	0
MASSA SISMICA	Q-12_Neve	0

Si ottengono i seguenti spettri di risposta:



8.6. VENTO

L'azione del vento sull'edificio risulta non essere dimensionante in quanto sono di gran lunga prevalenti gli effetti legati al sisma, sia in relazione alla maggiore entità delle forze d'inerzia rispetto alle forze di pressione del vento che in relazione alla maggiore resistenza adottata agli SLU (Mrd in campo plastico) rispetto alle combinazioni

sismiche (Mrd al limite elastico).

8.7. NEVE

L'azione della neve sull'edificio è pari a: $Q_k = 1,20 \text{ kN/m}^2$ ed è stata applicata in copertura insieme al carico di manutenzione, pur non risultando dimensionante.

8.8. SPINTA DEL TERRENO

Per il dimensionamento dei diaframmi si è considerata:

- la fase transitoria delle fasi di scavo, in cui si è tenuto conto della spinta delle terre a riposo e della spinta della falda in presenza dei 4 ordini di puntoni in acciaio;
- l'edificio in esercizio, soggetto alla spinta delle terre a riposo e alla spinta della falda nonché alla spinta sismica di WOOD (analisi pseudostatica), in presenza dei puntoni rappresentati dagli orizzontamenti dei piani interrati e della platea.

Si riportano a seguire i valori delle spinte delle terre e della falda lato monte:

z	Tensioni Vert. [kN/m ²]					Coeff.Spinta M1				Coeff.Spinta M2			
	u	$\sigma_{v.t}$	$\sigma_{v.p.p.}$	$\sigma_{v.p.a.}$	σ'_{v}	Ka	Ka+	Ka-	Ko	Ka	Ka+	Ka-	Ko
0.00	0.0	0.0	0.0	0.0	0.0	0.30	0.36	0.37	0.50	0.36	0.44	0.44	0.581
0.80	0.0	15.2	0.0	0.0	15.2	0.30	0.36	0.37	0.50	0.36	0.44	0.44	0.58
1.60	0.0	30.4	0.0	0.0	30.4	0.30	0.36	0.37	0.50	0.36	0.44	0.44	0.58
2.40	0.0	45.6	0.0	0.0	45.6	0.30	0.36	0.37	0.50	0.36	0.44	0.44	0.58
3.00	0.0	57.0	0.0	0.0	57.0	0.30	0.36	0.37	0.50	0.36	0.44	0.44	0.58
3.00	0.0	57.0	0.0	0.0	57.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
4.80	18.0	93.0	0.0	0.0	75.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
5.60	26.0	109.0	0.0	0.0	83.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
6.40	34.0	125.0	0.0	0.0	91.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
7.20	42.0	141.0	0.0	0.0	99.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
8.00	50.0	157.0	0.0	0.0	107.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
8.80	58.0	173.0	0.0	0.0	115.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
9.60	66.0	189.0	0.0	0.0	123.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
10.40	74.0	205.0	0.0	0.0	131.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
11.20	82.0	221.0	0.0	0.0	139.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
12.00	90.0	237.0	0.0	0.0	147.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
12.80	98.0	253.0	0.0	0.0	155.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
13.60	106.0	269.0	0.0	0.0	163.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
14.40	114.0	285.0	0.0	0.0	171.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
15.20	122.0	301.0	0.0	0.0	179.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
16.00	130.0	317.0	0.0	0.0	187.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
16.80	138.0	333.0	0.0	0.0	195.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
17.52	145.2	347.4	0.0	0.0	202.2	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
18.40	154.0	365.0	0.0	0.0	211.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
19.20	162.0	381.0	0.0	0.0	219.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
20.00	170.0	397.0	0.0	0.0	227.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
20.80	178.0	413.0	0.0	0.0	235.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
21.60	186.0	429.0	0.0	0.0	243.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
22.40	194.0	445.0	0.0	0.0	251.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
23.20	202.0	461.0	0.0	0.0	259.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
24.00	210.0	477.0	0.0	0.0	267.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
24.80	218.0	493.0	0.0	0.0	275.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
25.60	226.0	509.0	0.0	0.0	283.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
26.40	234.0	525.0	0.0	0.0	291.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
27.00	240.0	537.0	0.0	0.0	297.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
27.00	240.0	537.0	0.0	0.0	297.0	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
28.80	258.0	571.2	0.0	0.0	313.2	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
29.60	266.0	586.4	0.0	0.0	320.4	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
30.40	274.0	601.6	0.0	0.0	327.6	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
31.20	282.0	616.8	0.0	0.0	334.8	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
32.00	290.0	632.0	0.0	0.0	342.0	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66

Quota	SLU - Tensioni A1-M1						SLU - Tensioni A2-M2						SLE.Rara	
	$\sigma'ha$ (c)	$\sigma'ha$ (Φ)	$\sigma'ha$ (+)	$\sigma'ha$ (-)	$\sigma'ho$ sism.	$\sigma'ho$	$\sigma'ha$ (c)	$\sigma'ha$ (Φ)	$\sigma'ha$ (+)	$\sigma'ha$ (-)	$\sigma'ho$ sism.	$\sigma'ho$	$\sigma'ha$	$\sigma'ho$
0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.80	0.0	5.9	5.5	5.6	7.6	9.9	0.0	5.5	6.6	6.8	8.8	8.8	4.5	7.6
1.60	0.0	11.7	11.0	11.2	15.2	19.8	0.0	11.1	13.2	13.5	17.7	17.7	9.0	15.2
2.40	0.0	17.6	16.5	16.8	22.8	29.6	0.0	16.6	19.9	20.3	26.5	26.5	13.6	22.8
3.00	0.0	22.0	20.6	21.0	28.5	37.0	0.0	20.7	24.8	25.3	33.1	33.1	16.9	28.5
3.00	0.0	21.2	24.4	25.4	27.6	35.9	0.0	20.0	29.2	30.5	32.3	32.3	16.3	27.6
4.80	0.0	27.9	32.1	33.5	36.4	47.3	0.0	26.4	38.5	40.1	42.5	42.5	21.4	36.4
5.60	0.0	30.9	35.5	37.1	40.3	52.3	0.0	29.2	42.6	44.4	47.0	47.0	23.7	40.3
6.40	0.0	33.8	38.9	40.6	44.1	57.4	0.0	32.0	46.7	48.7	51.6	51.6	26.0	44.1
7.20	0.0	36.8	42.3	44.2	48.0	62.4	0.0	34.8	50.8	53.0	56.1	56.1	28.3	48.0
8.00	0.0	39.8	45.7	47.8	51.9	67.5	0.0	37.6	54.9	57.3	60.6	60.6	30.6	51.9
8.80	0.0	42.8	49.2	51.3	55.8	72.5	0.0	40.4	59.0	61.6	65.2	65.2	32.9	55.8
9.60	0.0	45.7	52.6	54.9	59.7	77.5	0.0	43.2	63.1	65.8	69.7	69.7	35.2	59.7
10.40	0.0	48.7	56.0	58.5	63.5	82.6	0.0	46.1	67.2	70.1	74.2	74.2	37.5	63.5
11.20	0.0	51.7	59.4	62.1	67.4	87.6	0.0	48.9	71.3	74.4	78.8	78.8	39.7	67.4
12.00	0.0	54.6	62.8	65.6	71.3	92.7	0.0	51.7	75.4	78.7	83.3	83.3	42.0	71.3
12.80	0.0	57.6	66.3	69.2	75.2	97.7	0.0	54.5	79.5	83.0	87.8	87.8	44.3	75.2
13.60	0.0	60.6	69.7	72.8	79.0	102.8	0.0	57.3	83.6	87.3	92.4	92.4	46.6	79.0
14.40	0.0	63.6	73.1	76.3	82.9	107.8	0.0	60.1	87.7	91.5	96.9	96.9	48.9	82.9
15.20	0.0	66.5	76.5	79.9	86.8	112.9	0.0	62.9	91.8	95.8	101.5	101.5	51.2	86.8
16.00	0.0	69.5	79.9	83.5	90.7	117.9	0.0	65.7	95.9	100.1	106.0	106.0	53.5	90.7
16.80	0.0	72.5	83.4	87.1	94.6	122.9	0.0	68.6	100.0	104.4	110.5	110.5	55.8	94.6
17.52	0.0	75.2	86.4	90.3	98.1	127.5	0.0	71.1	103.7	108.2	114.6	114.6	57.8	98.1
18.40	0.0	78.4	90.2	94.2	102.3	133.0	0.0	74.2	108.2	113.0	119.6	119.6	60.3	102.3
19.20	0.0	81.4	93.6	97.8	106.2	138.1	0.0	77.0	112.3	117.2	124.1	124.1	62.6	106.2
20.00	0.0	84.4	97.0	101.3	110.1	143.1	0.0	79.8	116.4	121.5	128.7	128.7	64.9	110.1
20.80	0.0	87.4	100.5	104.9	114.0	148.2	0.0	82.6	120.5	125.8	133.2	133.2	67.2	114.0
21.60	0.0	90.3	103.9	108.5	117.8	153.2	0.0	85.4	124.7	130.1	137.7	137.7	69.5	117.8
22.40	0.0	93.3	107.3	112.1	121.7	158.2	0.0	88.2	128.8	134.4	142.3	142.3	71.8	121.7
23.20	0.0	96.3	110.7	115.6	125.6	163.3	0.0	91.0	132.9	138.6	146.8	146.8	74.1	125.6
24.00	0.0	99.3	114.1	119.2	129.5	168.3	0.0	93.9	137.0	142.9	151.3	151.3	76.4	129.5
24.80	0.0	102.2	117.6	122.8	133.4	173.4	0.0	96.7	141.1	147.2	155.9	155.9	78.6	133.4
25.60	0.0	105.2	121.0	126.3	137.2	178.4	0.0	99.5	145.2	151.5	160.4	160.4	80.9	137.2
26.40	0.0	108.2	124.4	129.9	141.1	183.5	0.0	102.3	149.3	155.8	164.9	164.9	83.2	141.1
27.00	0.0	110.4	127.0	132.6	144.0	187.2	0.0	104.4	152.4	159.0	168.3	168.3	84.9	144.0
27.00	0.0	144.8	165.3	173.1	176.2	229.1	0.0	132.1	194.3	203.9	197.3	197.3	111.4	176.2
28.80	0.0	152.7	174.3	182.5	185.8	241.6	0.0	139.3	204.9	215.1	208.1	208.1	117.5	185.8
29.60	0.0	156.2	178.3	186.7	190.1	247.1	0.0	142.5	209.6	220.0	212.9	212.9	120.2	190.1
30.40	0.0	159.7	182.3	190.9	194.4	252.7	0.0	145.7	214.3	224.9	217.7	217.7	122.9	194.4
31.20	0.0	163.2	186.3	195.1	198.6	258.2	0.0	148.9	219.0	229.9	222.5	222.5	125.6	198.6
32.00	0.0	166.7	190.3	199.3	202.9	263.8	0.0	152.1	223.7	234.8	227.2	227.2	128.3	202.9

Si riportano a seguire i valori delle spinte delle terre e della falda lato scavo:

z	Tensioni Vert. [kN/m2]					Coeff.Spinta M1				Coeff.Spinta M2			
	u	$\sigma_{v.t}$	$\sigma_{v.p.p.}$	$\sigma_{v.p.a.}$	σ'_{v}	Ka	Ka+	Ka-	Ko	Ka	Ka+	Ka-	Ko
0.00	0.0	0.0	0.0	0.0	0.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
0.50	5.0	10.0	0.0	0.0	5.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
1.00	10.0	20.0	0.0	0.0	10.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
1.09	10.9	21.8	0.0	0.0	10.9	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
1.45	14.5	29.0	0.0	0.0	14.5	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
1.82	18.2	36.3	0.0	0.0	18.2	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
2.18	21.8	43.6	0.0	0.0	21.8	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
2.54	25.4	50.8	0.0	0.0	25.4	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
2.90	29.0	58.1	0.0	0.0	29.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
3.27	32.7	65.3	0.0	0.0	32.7	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
3.63	36.3	72.6	0.0	0.0	36.3	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
3.99	39.9	79.9	0.0	0.0	39.9	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
4.36	43.6	87.1	0.0	0.0	43.6	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
4.72	47.2	94.4	0.0	0.0	47.2	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
5.08	50.8	101.6	0.0	0.0	50.8	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
5.45	54.5	108.9	0.0	0.0	54.5	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
5.81	58.1	116.2	0.0	0.0	58.1	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
6.17	61.7	123.4	0.0	0.0	61.7	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
6.53	65.3	130.7	0.0	0.0	65.3	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
6.90	69.0	137.9	0.0	0.0	69.0	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
7.26	72.6	145.2	0.0	0.0	72.6	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
7.62	76.2	152.5	0.0	0.0	76.2	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
7.99	79.9	159.7	0.0	0.0	79.9	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
8.35	83.5	167.0	0.0	0.0	83.5	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
8.71	87.1	174.2	0.0	0.0	87.1	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
9.07	90.7	181.5	0.0	0.0	90.7	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
9.52	95.2	190.4	0.0	0.0	95.2	0.29	0.43	0.45	0.48	0.35	0.51	0.54	0.57
9.52	95.2	190.4	0.0	0.0	95.2	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
10.16	101.6	202.6	0.0	0.0	101.0	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
10.53	105.3	209.5	0.0	0.0	104.3	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
10.89	108.9	216.4	0.0	0.0	107.5	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
11.25	112.5	223.3	0.0	0.0	110.8	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
11.62	116.2	230.2	0.0	0.0	114.1	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
11.98	119.8	237.1	0.0	0.0	117.3	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
12.34	123.4	244.0	0.0	0.0	120.6	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
12.71	127.1	250.9	0.0	0.0	123.9	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
13.07	130.7	257.8	0.0	0.0	127.1	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
13.43	134.3	264.7	0.0	0.0	130.4	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
13.79	137.9	271.6	0.0	0.0	133.7	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
14.16	141.6	278.5	0.0	0.0	136.9	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66
14.52	145.2	285.4	0.0	0.0	140.2	0.38	0.56	0.58	0.59	0.44	0.65	0.69	0.66

Quota	SLU - Tensioni A1-M1						SLU - Tensioni A2-M2						SLE.Rara	
	$\sigma'ha$ (c)	$\sigma'ha$ (Φ)	$\sigma'ha$ (+)	$\sigma'ha$ (-)	$\sigma'ho$ sism.	$\sigma'ho$	$\sigma'ha$ (c)	$\sigma'ha$ (Φ)	$\sigma'ha$ (+)	$\sigma'ha$ (-)	$\sigma'ho$ sism.	$\sigma'ho$	$\sigma'ha$	$\sigma'ho$
0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.50	0.0	1.9	2.1	2.2	2.4	3.2	0.0	1.8	2.6	2.7	2.8	2.8	1.4	2.4
1.00	0.0	3.7	4.3	4.5	4.8	6.3	0.0	3.5	5.1	5.4	5.7	5.7	2.9	4.8
1.09	0.0	4.0	4.7	4.9	5.3	6.9	0.0	3.8	5.6	5.8	6.2	6.2	3.1	5.3
1.45	0.0	5.4	6.2	6.5	7.0	9.2	0.0	5.1	7.4	7.8	8.2	8.2	4.2	7.0
1.82	0.0	6.7	7.8	8.1	8.8	11.4	0.0	6.4	9.3	9.7	10.3	10.3	5.2	8.8
2.18	0.0	8.1	9.3	9.7	10.6	13.7	0.0	7.7	11.2	11.7	12.3	12.3	6.2	10.6
2.54	0.0	9.4	10.9	11.3	12.3	16.0	0.0	8.9	13.0	13.6	14.4	14.4	7.3	12.3
2.90	0.0	10.8	12.4	13.0	14.1	18.3	0.0	10.2	14.9	15.5	16.5	16.5	8.3	14.1
3.27	0.0	12.1	14.0	14.6	15.8	20.6	0.0	11.5	16.8	17.5	18.5	18.5	9.3	15.8
3.63	0.0	13.5	15.5	16.2	17.6	22.9	0.0	12.8	18.6	19.4	20.6	20.6	10.4	17.6
3.99	0.0	14.8	17.1	17.8	19.4	25.2	0.0	14.0	20.5	21.4	22.6	22.6	11.4	19.4
4.36	0.0	16.2	18.6	19.4	21.1	27.5	0.0	15.3	22.3	23.3	24.7	24.7	12.5	21.1
4.72	0.0	17.5	20.2	21.1	22.9	29.8	0.0	16.6	24.2	25.3	26.7	26.7	13.5	22.9
5.08	0.0	18.9	21.7	22.7	24.6	32.0	0.0	17.9	26.1	27.2	28.8	28.8	14.5	24.6
5.45	0.0	20.2	23.3	24.3	26.4	34.3	0.0	19.1	27.9	29.1	30.9	30.9	15.6	26.4
5.81	0.0	21.6	24.8	25.9	28.2	36.6	0.0	20.4	29.8	31.1	32.9	32.9	16.6	28.2
6.17	0.0	22.9	26.4	27.5	29.9	38.9	0.0	21.7	31.7	33.0	35.0	35.0	17.6	29.9
6.53	0.0	24.3	27.9	29.2	31.7	41.2	0.0	23.0	33.5	35.0	37.0	37.0	18.7	31.7
6.90	0.0	25.6	29.5	30.8	33.4	43.5	0.0	24.2	35.4	36.9	39.1	39.1	19.7	33.4
7.26	0.0	27.0	31.0	32.4	35.2	45.8	0.0	25.5	37.2	38.9	41.1	41.1	20.8	35.2
7.62	0.0	28.3	32.6	34.0	37.0	48.1	0.0	26.8	39.1	40.8	43.2	43.2	21.8	37.0
7.99	0.0	29.7	34.1	35.7	38.7	50.3	0.0	28.1	41.0	42.8	45.3	45.3	22.8	38.7
8.35	0.0	31.0	35.7	37.3	40.5	52.6	0.0	29.4	42.8	44.7	47.3	47.3	23.9	40.5
8.71	0.0	32.4	37.2	38.9	42.2	54.9	0.0	30.6	44.7	46.6	49.4	49.4	24.9	42.2
9.07	0.0	33.7	38.8	40.5	44.0	57.2	0.0	31.9	46.6	48.6	51.4	51.4	26.0	44.0
9.52	0.0	35.4	40.7	42.5	46.2	60.0	0.0	33.5	48.8	51.0	54.0	54.0	27.2	46.2
9.52	0.0	46.4	53.0	55.5	56.5	73.4	0.0	42.3	62.3	65.4	63.3	63.3	35.7	56.5
10.16	0.0	49.2	56.2	58.8	59.9	77.9	0.0	44.9	66.1	69.3	67.1	67.1	37.9	59.9
10.53	0.0	50.8	58.0	60.8	61.9	80.4	0.0	46.4	68.2	71.6	69.3	69.3	39.1	61.9
10.89	0.0	52.4	59.8	62.7	63.8	82.9	0.0	47.8	70.3	73.8	71.4	71.4	40.3	63.8
11.25	0.0	54.0	61.7	64.6	65.7	85.5	0.0	49.3	72.5	76.1	73.6	73.6	41.6	65.7
11.62	0.0	55.6	63.5	66.5	67.7	88.0	0.0	50.7	74.6	78.3	75.8	75.8	42.8	67.7
11.98	0.0	57.2	65.3	68.4	69.6	90.5	0.0	52.2	76.7	80.6	78.0	78.0	44.0	69.6
12.34	0.0	58.8	67.1	70.3	71.5	93.0	0.0	53.6	78.9	82.8	80.1	80.1	45.2	71.5
12.71	0.0	60.4	68.9	72.2	73.5	95.5	0.0	55.1	81.0	85.1	82.3	82.3	46.5	73.5
13.07	0.0	62.0	70.8	74.1	75.4	98.0	0.0	56.5	83.2	87.3	84.5	84.5	47.7	75.4
13.43	0.0	63.6	72.6	76.0	77.4	100.6	0.0	58.0	85.3	89.5	86.6	86.6	48.9	77.4
13.79	0.0	65.2	74.4	77.9	79.3	103.1	0.0	59.4	87.4	91.8	88.8	88.8	50.1	79.3
14.16	0.0	66.8	76.2	79.8	81.2	105.6	0.0	60.9	89.6	94.0	91.0	91.0	51.4	81.2
14.52	0.0	68.4	78.0	81.7	83.2	108.1	0.0	62.4	91.7	96.3	93.2	93.2	52.6	83.2

Si calcola la spinta sismica (analisi pseudostatica) per strutture rigide impediti di spostarsi rispetto al terreno (teoria di WOOD):

$$ag,max (SLV) = ag/g \times Ss = 0,069 \times 1,20 = 0,0828$$

$$\Delta P (WOOD) = ag,max \times \gamma T \times Hscavo^2 = 0,0828 \times 20 \times 17,50 = 28,90 \text{ kN/m}^2$$

8.9. CARICO FERROVIARIO LM71

Si assume la spinta orizzontale a riposo sul diaframma dovuta al transito di due carichi LM71 sui due binari più vicini, ripartito sulla larghezza $B = (1,435 + 2,500 + 1,435) = 8,000$ m (binario + distanza binari + binario) ipotizzato a favore di sicurezza agente in condizioni edometriche (carico indefinitamente esteso):

$$q = 80 \text{ kN/m} \times 2 \text{ binari} / 8 \text{ m} = 20 \text{ kN/m}^2$$

$$\sigma_h (\text{strato 1}) = q \times k_0 = q \times (1 - \sin\Phi) = 20 \times (1 - \sin 30^\circ) = 10,0 \text{ kN/m}^2$$

$$\sigma_h (\text{strato 2}) = q \times k_0 = q \times (1 - \sin\Phi) = 20 \times (1 - \sin 31^\circ) = 9,7 \text{ kN/m}^2$$

$$\sigma_h (\text{strato 3}) = q \times k_0 = q \times (1 - \sin\Phi) = 20 \times (1 - \sin 24^\circ) = 11,9 \text{ kN/m}^2$$

9. EDIFICIO

Si riportano le informazioni necessarie per il calcolo e le verifiche strutturali dell'edificio.

9.1. COMBINAZIONI DI CARICO

L'analisi globale dell'edificio è condotta considerando le combinazioni di carico agli stati limite di cui al 2.5.3.

Ai fini delle verifiche degli stati limite, si definiscono le seguenti combinazioni delle azioni.

- Combinazione fondamentale, generalmente impiegata per gli stati limite ultimi (SLU):

$$\gamma_{G1} \cdot G_1 + \gamma_{G2} \cdot G_2 + \gamma_P \cdot P + \gamma_{Q1} \cdot Q_{k1} + \gamma_{Q2} \cdot \psi_{02} \cdot Q_{k2} + \gamma_{Q3} \cdot \psi_{03} \cdot Q_{k3} + \dots \quad [2.5.1]$$

- Combinazione caratteristica, cosiddetta rara, generalmente impiegata per gli stati limite di esercizio (SLE) irreversibili:

$$G_1 + G_2 + P + Q_{k1} + \psi_{02} \cdot Q_{k2} + \psi_{03} \cdot Q_{k3} + \dots \quad [2.5.2]$$

- Combinazione frequente, generalmente impiegata per gli stati limite di esercizio (SLE) reversibili:

$$G_1 + G_2 + P + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots \quad [2.5.3]$$

- Combinazione quasi permanente (SLE), generalmente impiegata per gli effetti a lungo termine:

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots \quad [2.5.4]$$

- Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E:

$$E + G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots \quad [2.5.5]$$

Tab. 5.2.V - Coefficienti parziali di sicurezza per le combinazioni di carico agli SLU

Coefficiente			EQU ⁽¹⁾	A1	A2
Azioni permanenti	favorevoli	γ_{G1}	0,90	1,00	1,00
	sfavorevoli		1,10	1,35	1,00
Azioni permanenti non strutturali ⁽²⁾	favorevoli	γ_{G2}	0,00	0,00	0,00
	sfavorevoli		1,50	1,50	1,30
Ballast ⁽³⁾	favorevoli	γ_B	0,90	1,00	1,00
	sfavorevoli		1,50	1,50	1,30
Azioni variabili da traffico ⁽⁴⁾	favorevoli	γ_Q	0,00	0,00	0,00
	sfavorevoli		1,45	1,45	1,25
Azioni variabili	favorevoli	γ_{Qi}	0,00	0,00	0,00
	sfavorevoli		1,50	1,50	1,30
Precompressione	favorevole	γ_P	0,90	1,00	1,00
	sfavorevole		1,00 ⁽⁵⁾	1,00 ⁽⁶⁾	1,00
Ritiro, viscosità e cedimenti non imposti appositamente	favorevole	γ_{Ce}	0,00	0,00	0,00
	sfavorevole	d	1,20	1,20	1,00

Tab. 5.2.VI - Coefficienti di combinazione ψ delle azioni

Azioni		ψ_0	ψ_1	ψ_2
Azioni singole	Carico sul rilevato a tergo delle spalle	0,80	0,50	0,0
da traffico	Azioni aerodinamiche generate dal transito dei convogli	0,80	0,50	0,0
	g_{r1}	0,80 ⁽²⁾	0,80 ⁽³⁾	0,0
Gruppi di carico	g_{r2}	0,80 ⁽²⁾	0,80 ⁽³⁾	-
	g_{r3}	0,80 ⁽²⁾	0,80 ⁽³⁾	0,0
	g_{r4}	1,00	1,00 ⁽³⁾	0,0
Azioni del vento	F_{wk}	0,60	0,50	0,0
Azioni da neve	in fase di esecuzione	0,80	0,0	0,0
	SLU e SLE	0,0	0,0	0,0
Azioni termiche	T_k	0,60	0,60	0,50

Si riportano le combinazioni di carico **SLU**, ove i coefficienti sono pari al prodotto dei fattori parziali di sicurezza γ_F con i coefficienti di combinazione ψ :

Condizione di carico	SLU_01	SLU_02	SLU_03	SLU_04	SLU_05	SLU_06	SLU_07	SLU_08	SLU_09	SLU_10	SLU_11	SLU_12
G1	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
G2	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Q-01_Parcheggi(F)	1.50	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
Q-02_Merci(E)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Q-03_Palestra(C4)	1.05	1.50	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
Q-04_Accesso(C3)	1.05	1.05	1.50	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
Q-05_Alberghi(A)	1.05	1.05	1.05	1.50	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
Q-06_Balconi/Scale(A)	1.05	1.05	1.05	1.05	1.50	1.05	1.05	1.05	1.05	1.05	1.05	1.05
Q-07_Balconi/Scale(B)	1.05	1.05	1.05	1.05	1.05	1.50	1.05	1.05	1.05	1.05	1.05	1.05
Q-08_Conferenze(C2)	1.05	1.05	1.05	1.05	1.05	1.05	1.50	1.05	1.05	1.05	1.05	1.05
Q-09_Esterni	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.50	1.05	1.05	1.05	1.05
Q-10_Ristoranti	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.50	1.05	1.05	1.05
Q-11_Manutenzione	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00
Q-12_Neve	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.50	1.05
ENV_DT	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	1.50

Si riportano le combinazioni di carico **SLE RARA**, ove i coefficienti sono pari al prodotto dei fattori parziali di sicurezza γ_F con i coefficienti di combinazione ψ :

Condizione di carico	SLERA01	SLERA02	SLERA03	SLERA04	SLERA05	SLERA06	SLERA07	SLERA08	SLERA09	SLERA10	SLERA11	SLERA12
G1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
G2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Q-01_Parcheggi(F)	1.00	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Q-02_Merci(E)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Q-03_Palestra(C4)	0.70	1.00	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Q-04_Accesso(C3)	0.70	0.70	1.00	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Q-05_Alberghi(A)	0.70	0.70	0.70	1.00	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Q-06_Balconi/Scale(A)	0.70	0.70	0.70	0.70	1.00	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Q-07_Balconi/Scale(B)	0.70	0.70	0.70	0.70	0.70	1.00	0.70	0.70	0.70	0.70	0.70	0.70
Q-08_Conferenze(C2)	0.70	0.70	0.70	0.70	0.70	0.70	1.00	0.70	0.70	0.70	0.70	0.70
Q-09_Esterni	0.70	0.70	0.70	0.70	0.70	0.70	0.70	1.00	0.70	0.70	0.70	0.70
Q-10_Ristoranti	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	1.00	0.70	0.70	0.70
Q-11_Manutenzione	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
Q-12_Neve	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.00	0.50
ENV_DT	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	1.00

Si riportano le combinazioni di carico **SLE FREQUENTE**, ove i coefficienti sono pari al prodotto dei fattori parziali di sicurezza γ_F con i coefficienti di combinazione ψ :

Condizione di carico	SLEFR01	SLEFR02	SLEFR03	SLEFR04	SLEFR05	SLEFR06	SLEFR07	SLEFR08	SLEFR09	SLEFR10	SLEFR11	SLEFR12
G1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
G2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Q-01_Parcheggi(F)	0.70	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Q-02_Merci(E)	0.80	0.90	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Q-03_Palestra(C4)	0.60	0.60	0.70	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Q-04_Accesso(C3)	0.60	0.60	0.60	0.70	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Q-05_Alberghi(A)	0.30	0.30	0.30	0.30	0.50	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Q-06_Balconi/Scale(A)	0.60	0.60	0.60	0.60	0.60	0.70	0.60	0.60	0.60	0.60	0.60	0.60
Q-07_Balconi/Scale(B)	0.60	0.60	0.60	0.60	0.60	0.60	0.70	0.60	0.60	0.60	0.60	0.60
Q-08_Conferenze(C2)	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.70	0.60	0.60	0.60	0.60
Q-09_Esterni	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.50	0.30	0.30	0.30
Q-10_Ristoranti	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.50	0.60	0.60
Q-11_Manutenzione	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Q-12_Neve	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00
ENV_DT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50

Si riportano le combinazioni di carico **SLE QUASI PERMANENTE**, ove i coefficienti sono pari al prodotto dei fattori parziali di sicurezza γ_F con i coefficienti di combinazione ψ :

Condizione di carico	SLE-QP
G1	1.00
G2	1.00
Q-01_Parcheggi(F)	0.60
Q-02_Merci(E)	0.80
Q-03_Palestra(C4)	0.60
Q-04_Accesso(C3)	0.60
Q-05_Alberghi(A)	0.30
Q-06_Balconi/Scale(A)	0.60
Q-07_Balconi/Scale(B)	0.60
Q-08_Conferenze(C2)	0.60
Q-09_Esterni	0.30
Q-10_Ristoranti	0.30
Q-11_Manutenzione	0.00
Q-12_Neve	0.00
ENV_DT	0.00

Si riportano le combinazioni di carico **SLV**, ove i coefficienti sono pari al prodotto dei fattori parziali di sicurezza γ_F con i coefficienti di combinazione ψ . Il software SAP2000 considera in automatico tutte le permutazioni relative ai segni Ex Ey Ez e relative alle eccentricità $\pm 5\%$ dei carichi:

Condizione di carico	SLV_01	SLV_02	SLV_03
G1	1.00	1.00	1.00
G2	1.00	1.00	1.00
Q-01_Parcheggi(F)	0.60	0.60	0.60
Q-02_Merci(E)	0.80	0.80	0.80
Q-03_Palestra(C4)	0.60	0.60	0.60
Q-04_Accesso(C3)	0.60	0.60	0.60
Q-05_Alberghi(A)	0.30	0.30	0.30
Q-06_Balconi/Scale(A)	0.60	0.60	0.60
Q-07_Balconi/Scale(B)	0.60	0.60	0.60
Q-08_Conferenze(C2)	0.60	0.60	0.60
Q-09_Esterni	0.30	0.30	0.30
Q-10_Ristoranti	0.30	0.30	0.30
Q-11_Manutenzione	0.00	0.00	0.00
Q-12_Neve	0.00	0.00	0.00
ENV_DT	0.00	0.00	0.00
Ex_SLV	1.00	0.30	0.30
Ey_SLV	0.30	1.00	0.30
Ez_SLV	0.30	0.30	1.00

Si riportano le combinazioni di carico **SLD**, ove i coefficienti sono pari al prodotto dei fattori parziali di sicurezza γ_F con i coefficienti di combinazione ψ . Il software SAP2000 considera in automatico tutte le permutazioni relative ai segni Ex Ey Ez e relative alle eccentricità $\pm 5\%$ dei carichi:

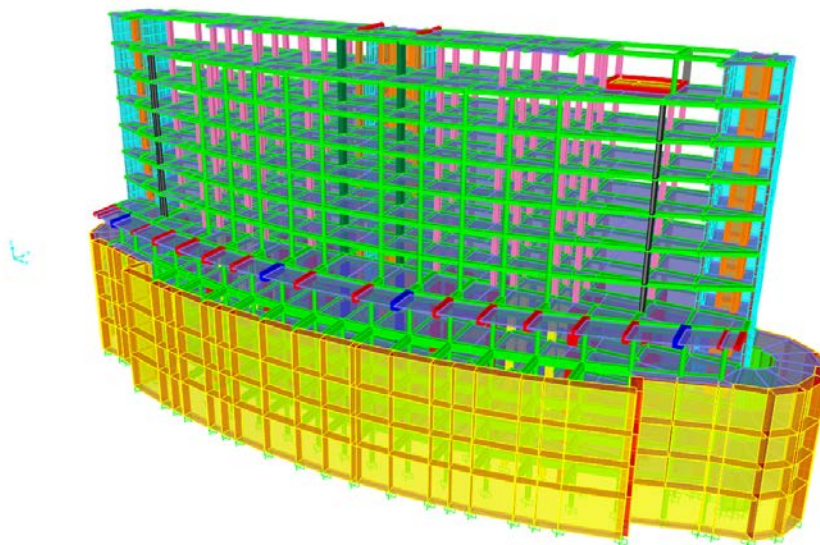
Condizione di carico	SLD_01	SLD_02	SLD_03
G1	1.00	1.00	1.00
G2	1.00	1.00	1.00
Q-01_Parcheggi(F)	0.60	0.60	0.60
Q-02_Merci(E)	0.80	0.80	0.80
Q-03_Palestra(C4)	0.60	0.60	0.60
Q-04_Accesso(C3)	0.60	0.60	0.60
Q-05_Alberghi(A)	0.30	0.30	0.30
Q-06_Balconi/Scale(A)	0.60	0.60	0.60
Q-07_Balconi/Scale(B)	0.60	0.60	0.60
Q-08_Conferenze(C2)	0.60	0.60	0.60
Q-09_Esterni	0.30	0.30	0.30
Q-10_Ristoranti	0.30	0.30	0.30
Q-11_Manutenzione	0.00	0.00	0.00
Q-12_Neve	0.00	0.00	0.00
ENV_DT	0.00	0.00	0.00
Ex_SLD	1.00	0.30	0.30
Ey_SLD	0.30	1.00	0.30
Ez_SLD	0.30	0.30	1.00

9.2. MODELLAZIONE ADOTTATA

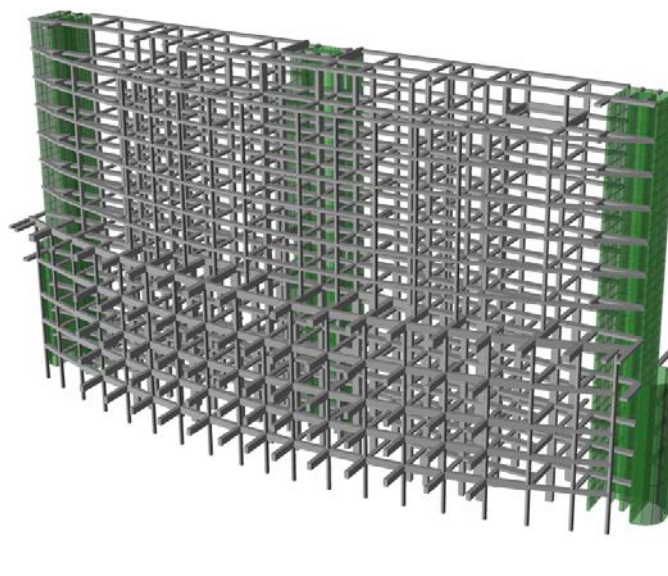
Il modello di calcolo attraverso il quale viene schematizzata la struttura è quello di struttura intelaiata con setti posizionati alle estremità e in posizione centrale in corrispondenza dei tre nuclei scala e ascensore dell'edificio. Il programma di calcolo utilizzato è un programma ad elementi finiti, il SAP2000.

Gli elementi a sviluppo monodimensionali (travi e pilastri) sono stati modellati come elementi di tipo frame, mentre gli elementi a sviluppo bidimensionale (solette, paratia e nuclei ascensore/scale) come elementi di tipo shell.

L'opera è stata considerata vincolata alla base mediante dei vincoli di incastro che simulano l'effetto della platea di fondazione in c.a. di spessore pari a 2,5 m..



Per la progettazione e la verifica dei vari elementi sia di tipo frame che di tipo shell è stato utilizzato il software VIS, gli output ottenuti e i corrispondenti fattori di utilizzo per i vari stati limite e per le varie combinazioni sono riportati nell'APPENDICE 1.



9.3. CARATTERISTICHE DELLE SOLLECITAZIONI

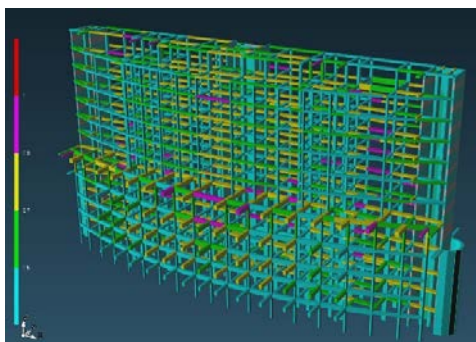
Le caratteristiche di sollecitazione di ogni elemento sono nell'APPENDICE 1. I setti sono trattati con section cut che integrano le tensioni sulla sezione per determinare delle caratteristiche di sollecitazione globali di sezione.

9.4. VERIFICHE STRUTTURALI

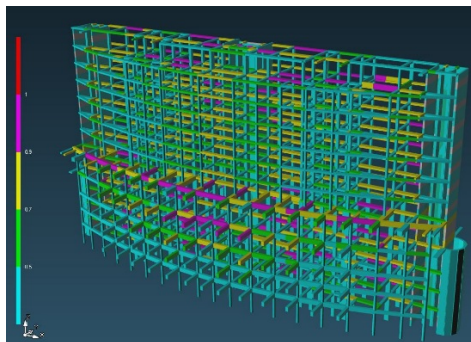
Le verifiche risultano essere soddisfatte come da APPENDICE 1 di VIS e da estratti grafici del software qui sotto riportati, sia per i setti che per i pilastri e le travi.

- **VERIFICHE SLU/SLE:**

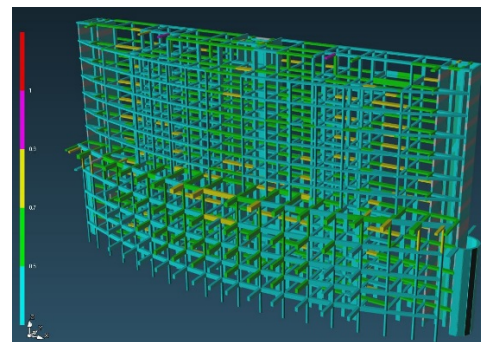
PRESSO-FLESSIONE



TAGLIO

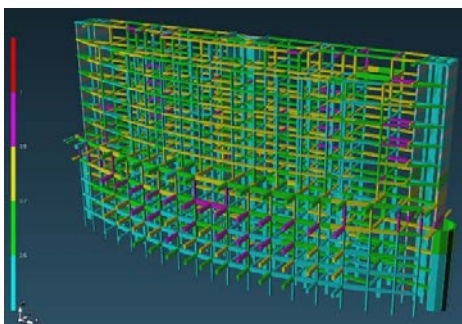


VERIFICHE TENSIONALI

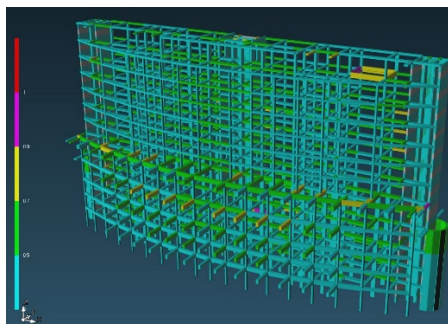


- **VERIFICHE SLV/SLD:**

PRESSO-FLESSIONE



TAGLIO



9.5. PLATEA IN C.A.

Lo spessore della platea in c.a. è determinato in funzione delle verifiche di sollevamento in esercizio a causa della sottospinta idraulica che a lungo termine si viene a determinare al contatto tra la platea e il sottostante terreno trattato. Lo spessore della platea in c.a. è pari a 2,5 metri e garantisce il soddisfacimento delle verifiche strutturali con il minimo di armatura (0,20%).

9.6. CEDIMENTI EDIFICIO

Il volume di terreno rimosso per lo scavo ha un peso superiore a quello dell'edificio progettato; tenendo conto inoltre della significativa profondità della quota di imposta delle fondazioni e delle buone caratteristiche

meccaniche iniziali del terreno alle quali si somma il notevole miglioramento delle stesse a seguito dei trattamenti di impermeabilizzazione, i cedimenti risultano essere trascurabili.

10. DIAFRAMMI

Si è eseguito un calcolo specifico dei diaframmi tramite modellazione realizzata con software SAP2000.

Sono stati allo scopo implementati due modelli:

PARAT01

Modello fase transitoria di scavo con puntoni sezioni metalliche tubolari:

PARAT02

Modello in esercizio con puntoni solai di piano.

10.1. PARAT01

Durante lo scavo si utilizzano puntoni realizzati con sezioni tubolari circolari $\Phi_{est}1000\text{mm} \times Sp20\text{mm}$, i quali sono disposti parallelamente al lato corto per contrastare i due diaframmi longitudinali lunghi tra di loro contapposti.

La rigidezza dei puntoni è pari a:

$$K = EA / L = 210.000 \text{ MPa} \times 62.800 \text{ mm}^2 / 25000 \text{ mm} = 527.520 \text{ kN/m}$$

I puntoni sono posizionati alle seguenti quote dal piano di campagna:

- 1) -3,00 m
- 2) -7,00 m
- 3) -10,40 m
- 4) -13,80 m

L'analisi del diaframma è di tipo piano su una fascia di larghezza unitaria.

Considerato che i puntoni sono previsti su ogni ordine a interasse di 5,00m, la rigidezza di ogni puntone nel modello PARAT01 è pari a:

$$K = 527.520 / 5 = 105.504 \text{ kN/m}$$

La rigidezza delle molle orizzontali per la parte infissa nel jet-grouting è dedotta dai seguenti valori del modulo elastico in letteratura:

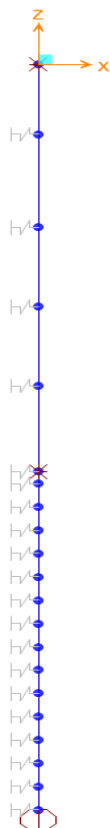
$$E_{jet-grouting} = 1000 \text{ MPa}$$

Ne deriva la seguente rigidezza delle molle che simulano il terreno implementata nel modello PARAT01:

E	1000.0	Mpa	
A	1.0	m ²	
L	10.0	Mpa	
kh=EA/L	100,000	kN/m ³	<i>jet grouting</i>
z quota	Linfl	K [kN/m]	z quota
0.3	0.3	26,000	14.52
0.8	0.8	76,000	14.00
1.5	1.0	100,000	13.00
2.5	1.0	100,000	12.00
3.5	1.0	100,000	11.00
4.5	1.0	100,000	10.00
5.5	1.0	100,000	9.00
6.5	1.0	100,000	8.00
7.5	1.0	100,000	7.00
8.5	1.0	100,000	6.00
9.5	1.0	100,000	5.00
10.5	1.0	100,000	4.00
11.5	1.0	100,000	3.00
12.5	1.0	100,000	2.00
13.5	1.0	100,000	1.00
14.5	0.5	50,000	0.00

10.1.1. MODELLAZIONE

Il modello di calcolo è composto da un elemento di tipo frame che simula il concio di paratia alla quale sono collegate delle molle di rigidità variabile alle opportune quote per simulare la presenza dei puntoni e del terreno.



10.1.2. COMBINAZIONI DI CARICO

L'analisi della paratia è stata condotta considerando le seguenti combinazioni di carico:

Condizione di carico	SLU_A1_STR	SLV_Ex	SLERA_FESS
G1	1.35	1	1
G1_MONTE	1.5	1	1
G1_SCAVO	1	1	1
G2_W_MONTE	1.5	1	1
G2_W_SCAVO	1	1	1
Q1_LM71_MONTE	1.45	0.2	1
Ex_PARATIA	0	1	0
DP_WOOD_MONTE	0	1	0

10.1.3. OUTPUT DI CALCOLO

I risultati ottenuti dal modello PARAT01 per la combinazione **SLU_A1_STR** vengono di seguito riportati:

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2	M3
Text	m	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m
2	0	SLU_A1_STR	Combination	0	-5.107E-13	0	0	0	-1.225E-12
2	1.5	SLU_A1_STR	Combination	-60.732	37.781	0	0	0	-24.3281
2	3	SLU_A1_STR	Combination	-121.464	107.625	0	0	0	-129.375
8	0	SLU_A1_STR	Combination	-1093.177	-325.942	0	0	0	-162.0763
8	1	SLU_A1_STR	Combination	-1133.665	167.748	0	0	0	-82.3397
8	1	SLU_A1_STR	Combination	-1133.665	-298.34	0	0	0	-82.3397
8	2	SLU_A1_STR	Combination	-1174.153	203.02	0	0	0	-34.0407
8	2	SLU_A1_STR	Combination	-1174.153	-278.698	0	0	0	-34.0407
8	2.5	SLU_A1_STR	Combination	-1194.397	-25.141	0	0	0	41.9989
8	3	SLU_A1_STR	Combination	-1214.641	230.332	0	0	0	-9.2189
8	3	SLU_A1_STR	Combination	-1214.641	-266.752	0	0	0	-9.2189
8	4	SLU_A1_STR	Combination	-1255.129	249.948	0	0	0	-0.1773
8	4	SLU_A1_STR	Combination	-1255.129	-261.723	0	0	0	-0.1773
8	5	SLU_A1_STR	Combination	-1295.617	262.647	0	0	0	4.357E-12
10	0	SLU_A1_STR	Combination	-121.464	-187.709	0	0	0	-129.375
10	4	SLU_A1_STR	Combination	-283.416	212.683	0	0	0	-60.3025
10	4	SLU_A1_STR	Combination	-283.416	-364.821	0	0	0	-60.3025
10	7.24	SLU_A1_STR	Combination	-414.598	221.241	0	0	0	235.551
10	7.4	SLU_A1_STR	Combination	-421.076	256.252	0	0	0	197.3592
10	7.4	SLU_A1_STR	Combination	-421.076	-528.213	0	0	0	197.3592
10	10.8	SLU_A1_STR	Combination	-558.735	350.838	0	0	0	571.9911
10	10.8	SLU_A1_STR	Combination	-558.735	-528.944	0	0	0	571.9911
10	14.48	SLU_A1_STR	Combination	-707.731	713.22	0	0	0	325.6036
11	0	SLU_A1_STR	Combination	-707.731	529.505	0	0	0	325.6036
11	0.52	SLU_A1_STR	Combination	-728.785	727.376	0	0	0	-1.0992
11	0.52	SLU_A1_STR	Combination	-728.785	218.553	0	0	0	-1.0992
11	1.52	SLU_A1_STR	Combination	-769.273	604.666	0	0	0	-412.0954
11	1.52	SLU_A1_STR	Combination	-769.273	4.392	0	0	0	-412.0954
11	2.52	SLU_A1_STR	Combination	-809.761	397.864	0	0	0	-612.61
11	2.52	SLU_A1_STR	Combination	-809.761	-142.15	0	0	0	-612.61
11	3.52	SLU_A1_STR	Combination	-850.249	258.681	0	0	0	-670.2625
11	3.52	SLU_A1_STR	Combination	-850.249	-234.078	0	0	0	-670.2625
11	4.52	SLU_A1_STR	Combination	-890.737	174.113	0	0	0	-639.6667
11	4.52	SLU_A1_STR	Combination	-890.737	-285.414	0	0	0	-639.6667
11	4.76	SLU_A1_STR	Combination	-900.454	-186.353	0	0	0	-583.0463
11	5.52	SLU_A1_STR	Combination	-931.225	130.136	0	0	0	-561.4145
11	5.52	SLU_A1_STR	Combination	-931.225	-309.353	0	0	0	-561.4145
11	6.52	SLU_A1_STR	Combination	-971.713	113.556	0	0	0	-462.9029
11	6.52	SLU_A1_STR	Combination	-971.713	-317.289	0	0	0	-462.9029
11	7.52	SLU_A1_STR	Combination	-1012.201	112.979	0	0	0	-360.1345
11	7.52	SLU_A1_STR	Combination	-1012.201	-318.424	0	0	0	-360.1345
11	8.52	SLU_A1_STR	Combination	-1052.689	119.202	0	0	0	-259.9101
11	8.52	SLU_A1_STR	Combination	-1052.689	-319.713	0	0	0	-259.9101
11	9.52	SLU_A1_STR	Combination	-1093.177	125.272	0	0	0	-162.0763

I valori massimi delle sollecitazioni che si ottengono sono:

M = 670 kNm

V = 727 kN

N = -1295 kN

I risultati ottenuti dal modello PARAT01 per la combinazione SLV vengono di seguito riportati:

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2	M3
Text	m	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m
2		0 SLV_Ex	Combination	0.00	0.00	0.00	0.00	0.00	0.00
2		1.5 SLV_Ex	Combination	-89.97	60.76	0.00	0.00	0.00	-42.90
2		3 SLV_Ex	Combination	-179.95	142.89	0.00	0.00	0.00	-192.96
8		0 SLV_Ex	Combination	-1619.52	-188.40	0.00	0.00	0.00	-111.70
8		1 SLV_Ex	Combination	-1679.50	80.96	0.00	0.00	0.00	-57.98
8		1 SLV_Ex	Combination	-1679.50	-167.69	0.00	0.00	0.00	-57.98
8		2 SLV_Ex	Combination	-1739.49	101.67	0.00	0.00	0.00	-24.97
8		2 SLV_Ex	Combination	-1739.49	-152.04	0.00	0.00	0.00	-24.97
8		2.5 SLV_Ex	Combination	-1769.48	-17.36	0.00	0.00	0.00	17.38
8		3 SLV_Ex	Combination	-1799.47	117.32	0.00	0.00	0.00	-7.61
8		3 SLV_Ex	Combination	-1799.47	-141.44	0.00	0.00	0.00	-7.61
8		4 SLV_Ex	Combination	-1859.45	127.92	0.00	0.00	0.00	-0.85
8		4 SLV_Ex	Combination	-1859.45	-135.53	0.00	0.00	0.00	-0.85
8		5 SLV_Ex	Combination	-1919.43	133.83	0.00	0.00	0.00	0.00
10		0 SLV_Ex	Combination	-179.95	-182.52	0.00	0.00	0.00	-192.96
10		4 SLV_Ex	Combination	-419.88	180.18	0.00	0.00	0.00	-108.92
10		4 SLV_Ex	Combination	-419.88	-301.03	0.00	0.00	0.00	-108.92
10		7.24 SLV_Ex	Combination	-614.22	167.25	0.00	0.00	0.00	149.97
10		7.4 SLV_Ex	Combination	-623.82	194.43	0.00	0.00	0.00	121.04
10		7.4 SLV_Ex	Combination	-623.82	-408.56	0.00	0.00	0.00	121.04
10		10.8 SLV_Ex	Combination	-827.76	258.88	0.00	0.00	0.00	424.21
10		10.8 SLV_Ex	Combination	-827.76	-388.33	0.00	0.00	0.00	424.21
10		14.48 SLV_Ex	Combination	-1048.49	527.89	0.00	0.00	0.00	229.21
11		0 SLV_Ex	Combination	-1048.49	399.72	0.00	0.00	0.00	229.21
11		0.52 SLV_Ex	Combination	-1079.68	528.39	0.00	0.00	0.00	-12.10
11		0.52 SLV_Ex	Combination	-1079.68	177.25	0.00	0.00	0.00	-12.10
11		1.52 SLV_Ex	Combination	-1139.66	424.65	0.00	0.00	0.00	-313.05
11		1.52 SLV_Ex	Combination	-1139.66	20.32	0.00	0.00	0.00	-313.05
11		2.52 SLV_Ex	Combination	-1199.65	267.68	0.00	0.00	0.00	-457.06
11		2.52 SLV_Ex	Combination	-1199.65	-85.83	0.00	0.00	0.00	-457.06
11		3.52 SLV_Ex	Combination	-1259.63	161.48	0.00	0.00	0.00	-494.89
11		3.52 SLV_Ex	Combination	-1259.63	-151.01	0.00	0.00	0.00	-494.89
11		4.52 SLV_Ex	Combination	-1319.61	96.26	0.00	0.00	0.00	-467.51
11		4.52 SLV_Ex	Combination	-1319.61	-185.66	0.00	0.00	0.00	-467.51
11		4.76 SLV_Ex	Combination	-1334.01	-126.32	0.00	0.00	0.00	-430.08
11		5.52 SLV_Ex	Combination	-1379.59	61.57	0.00	0.00	0.00	-405.47
11		5.52 SLV_Ex	Combination	-1379.59	-199.51	0.00	0.00	0.00	-405.47
11		6.52 SLV_Ex	Combination	-1439.58	47.67	0.00	0.00	0.00	-329.56
11		6.52 SLV_Ex	Combination	-1439.58	-200.89	0.00	0.00	0.00	-329.56
11		7.52 SLV_Ex	Combination	-1499.56	46.24	0.00	0.00	0.00	-252.24
11		7.52 SLV_Ex	Combination	-1499.56	-196.46	0.00	0.00	0.00	-252.24
11		8.52 SLV_Ex	Combination	-1559.54	50.63	0.00	0.00	0.00	-179.33
11		8.52 SLV_Ex	Combination	-1559.54	-191.16	0.00	0.00	0.00	-179.33
11		9.52 SLV_Ex	Combination	-1619.52	55.88	0.00	0.00	0.00	-111.70

I valori massimi delle sollecitazioni che si ottengono sono:

M = 495 kNm

V = 528 kN

N = -1919 kN

I risultati ottenuti dal modello PARAT01 per la combinazione SLE_RARA vengono di seguito riportati:

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2	M3
Text	m	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m
2	0	SLERA_FESS	Combination	0.00	0.00	0.00	0.00	0.00	0.00
2	1.5	SLERA_FESS	Combination	-44.99	25.69	0.00	0.00	0.00	-16.59
2	3	SLERA_FESS	Combination	-89.97	72.75	0.00	0.00	0.00	-87.75
8	0	SLERA_FESS	Combination	-809.76	-188.44	0.00	0.00	0.00	-103.85
8	1	SLERA_FESS	Combination	-839.75	87.96	0.00	0.00	0.00	-53.61
8	1	SLERA_FESS	Combination	-839.75	-168.89	0.00	0.00	0.00	-53.61
8	2	SLERA_FESS	Combination	-869.74	107.51	0.00	0.00	0.00	-22.92
8	2	SLERA_FESS	Combination	-869.74	-154.22	0.00	0.00	0.00	-22.92
8	2.5	SLERA_FESS	Combination	-884.74	-16.02	0.00	0.00	0.00	19.64
8	3	SLERA_FESS	Combination	-899.73	122.19	0.00	0.00	0.00	-6.90
8	3	SLERA_FESS	Combination	-899.73	-144.36	0.00	0.00	0.00	-6.90
8	4	SLERA_FESS	Combination	-929.73	132.04	0.00	0.00	0.00	-0.74
8	4	SLERA_FESS	Combination	-929.73	-138.94	0.00	0.00	0.00	-0.74
8	5	SLERA_FESS	Combination	-959.72	137.46	0.00	0.00	0.00	0.00
10	0	SLERA_FESS	Combination	-89.97	-126.10	0.00	0.00	0.00	-87.75
10	4	SLERA_FESS	Combination	-209.94	142.12	0.00	0.00	0.00	-40.45
10	4	SLERA_FESS	Combination	-209.94	-245.28	0.00	0.00	0.00	-40.45
10	7.24	SLERA_FESS	Combination	-307.11	146.48	0.00	0.00	0.00	161.79
10	7.4	SLERA_FESS	Combination	-311.91	169.87	0.00	0.00	0.00	136.48
10	7.4	SLERA_FESS	Combination	-311.91	-355.71	0.00	0.00	0.00	136.48
10	10.8	SLERA_FESS	Combination	-413.88	231.42	0.00	0.00	0.00	396.51
10	10.8	SLERA_FESS	Combination	-413.88	-356.36	0.00	0.00	0.00	396.51
10	14.48	SLERA_FESS	Combination	-524.25	472.94	0.00	0.00	0.00	243.79
11	0	SLERA_FESS	Combination	-524.25	351.67	0.00	0.00	0.00	243.79
11	0.52	SLERA_FESS	Combination	-539.84	483.08	0.00	0.00	0.00	26.75
11	0.52	SLERA_FESS	Combination	-539.84	148.44	0.00	0.00	0.00	26.75
11	1.52	SLERA_FESS	Combination	-569.83	401.12	0.00	0.00	0.00	-248.03
11	1.52	SLERA_FESS	Combination	-569.83	10.08	0.00	0.00	0.00	-248.03
11	2.52	SLERA_FESS	Combination	-599.82	262.72	0.00	0.00	0.00	-384.44
11	2.52	SLERA_FESS	Combination	-599.82	-84.46	0.00	0.00	0.00	-384.44
11	3.52	SLERA_FESS	Combination	-629.81	168.13	0.00	0.00	0.00	-426.28
11	3.52	SLERA_FESS	Combination	-629.81	-143.36	0.00	0.00	0.00	-426.28
11	4.52	SLERA_FESS	Combination	-659.81	109.19	0.00	0.00	0.00	-409.20
11	4.52	SLERA_FESS	Combination	-659.81	-175.55	0.00	0.00	0.00	-409.20
11	4.76	SLERA_FESS	Combination	-667.00	-114.94	0.00	0.00	0.00	-374.34
11	5.52	SLERA_FESS	Combination	-689.80	76.96	0.00	0.00	0.00	-359.91
11	5.52	SLERA_FESS	Combination	-689.80	-189.49	0.00	0.00	0.00	-359.91
11	6.52	SLERA_FESS	Combination	-719.79	62.97	0.00	0.00	0.00	-296.65
11	6.52	SLERA_FESS	Combination	-719.79	-192.54	0.00	0.00	0.00	-296.65
11	7.52	SLERA_FESS	Combination	-749.78	59.88	0.00	0.00	0.00	-230.32
11	7.52	SLERA_FESS	Combination	-749.78	-190.61	0.00	0.00	0.00	-230.32
11	8.52	SLERA_FESS	Combination	-779.77	61.76	0.00	0.00	0.00	-165.90
11	8.52	SLERA_FESS	Combination	-779.77	-188.21	0.00	0.00	0.00	-165.90
11	9.52	SLERA_FESS	Combination	-809.76	64.11	0.00	0.00	0.00	-103.85

I valori massimi delle sollecitazioni che si ottengono sono:

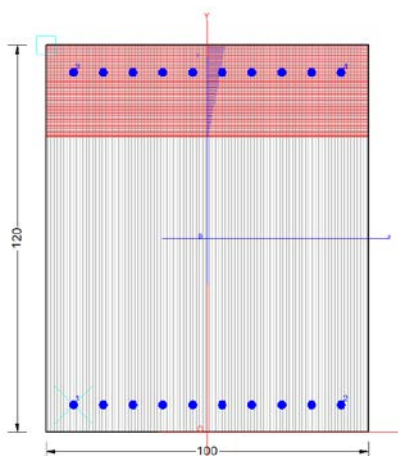
M = 426 kNm

V = 483 kN

N = -959 kN

10.1.4. VERIFICHE DIAFRAMMA

Si inseriscono le verifiche strutturali per combinazioni SLU, SLV e SLE-RARA, della sezione del diaframma che risultano soddisfatte per armatura longitudinale F26/10. Tali verifiche sono state eseguite con l'ausilio del software RC-SEC e di opportuni fogli di calcolo di cui in seguito se ne riportano i risultati:



CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40
	Resis. compr. di progetto f_{cd} :	18.810 MPa
	Resis. compr. ridotta f_{cd}' :	9.405 MPa
	Def.unit. max resistenza $ec2$:	0.0020
	Def.unit. ultima ecu :	0.0035
	Diagramma tensione-deformaz.:	Parabola-Rettangolo
	Modulo Elastico Normale E_c :	33642.8 MPa
	Resis. media a trazione f_{ctm} :	3.720 MPa
	Coeff. Omogen. S.L.E.:	15.00
	Coeff. Omogen. S.L.E.:	15.00
	Sc limite S.L.E. comb. Q.Permanenti:	0.00 Mpa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.300 mm
ACCIAIO -	Tipo:	B450C
	Resist. caratt. snervam. f_{yk} :	450.00 MPa
	Resist. caratt. rottura f_{tk} :	450.00 MPa
	Resist. snerv. di progetto f_{yd} :	391.30 MPa
	Resist. ultima di progetto f_{td} :	391.30 MPa
	Deform. ultima di progetto E_{pu} :	0.068
	Modulo Elastico E_f :	2000000 daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito
	Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:	1.00
	Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:	0.50
Sf limite S.L.E. Comb. Rare:	360.00 MPa	

CARATTERISTICHE DOMINIO CONGLOMERATO

Forma del Dominio:	Poligonale	
Classe Conglomerato:	C32/40	
N°vertice:	X [cm]	Y [cm]
1	-50.0	0.0
2	-50.0	120.0
3	50.0	120.0
4	50.0	0.0

DATI BARRE ISOLATE

N°Barra	X [cm]	Y [cm]	DiamØ[mm]
1	-41.5	8.5	26
2	41.5	8.5	26
3	-41.5	111.5	26
4	41.5	111.5	26

DATI GENERAZIONI LINEARI DI BARRE

N°Gen.	Numero assegnato alla singola generazione lineare di barre
N°Barra Ini.	Numero della barra iniziale cui si riferisce la generazione
N°Barra Fin.	Numero della barra finale cui si riferisce la generazione
N°Barre	Numero di barre generate equidistanti cui si riferisce la generazione
Ø	Diametro in mm delle barre della generazione

N°Gen.	N°Barra Ini.	N°Barra Fin.	N°Barre	Ø
1	1	2	8	26
2	3	4	8	26

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baric. (+ se di compressione)
Mx	Momento flettente [daNm] intorno all'asse X di riferimento delle coordinate con verso positivo se tale da comprimere il lembo sup. della sez.
Vy	Componente del Taglio [kN] parallela all'asse Y di riferimento delle coordinate

N°Comb.	N	Mx	Vy
1	0.00	670.00	727.00
2	0.00	495.00	528.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx	Momento flettente [kNm] intorno all'asse X di riferimento (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione

N°Comb.	N	Mx	My
1	0.00	426.00	0.00

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx	Momento flettente [kNm] intorno all'asse X di riferimento (tra parentesi Mom.Fessurazione) con verso positivo se tale da comprimere il lembo superiore della sezione

N°Comb.	N	Mx	My
1	0.00	426.00 (1154.72)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali:	7.2 cm
Interferro netto minimo barre longitudinali:	6.6 cm
Copriferro netto minimo staffe:	6.0 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE SOSTANZIALMENTE ELASTICO

Ver	S = combinazione verificata / N = combin. non verificata
N	Sforzo normale assegnato [kN] nel baricentro B sezione cls. (positivo se di compressione)
Mx	Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
N Res	Sforzo normale resistente [kN] nel baricentro B sezione cls. (positivo se di compress.)
Mx Res	Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
Mis.Sic.	Misura sicurezza = rapporto vettoriale tra (N r, Mx Res, My Res) e (N, Mx, My) Verifica positiva se tale rapporto risulta >=1.000
As Totale	Area totale barre longitudinali [cm²]. [Tra parentesi il valore minimo di normativa]

N°Comb	Ver	N	Mx	N Res	Mx Res	Mis.Sic.	As Totale
1	S	0.00	670.00	0.00	2120.16	3.16	106.2(36.0)
2	S	0.00	495.00	0.00	2120.16	4.28	106.2(36.0)

METODO AGLI STATI LIMITE IN CAMPO SOSTANZIALMENTE ELASTICO - DEFORMAZIONI UNITARIE ALLO STATO LIMITE

ec max	Deform. unit. massima del conglomerato a compressione
	Deform. unit. massima del conglomerato a compressione

Xc max	Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max	Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min	Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min	Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min	Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max	Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max	Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max	Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00067	-50.0	120.0	0.00047	-41.5	111.5	-0.00196	-41.5	8.5
2	0.00067	-50.0	120.0	0.00047	-41.5	111.5	-0.00196	-41.5	8.5

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c	Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d	Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid.	Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000023531	-0.002156516		
2	0.000000000	0.000023531	-0.002156516		

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver	S = comb. verificata/ N = comb. non verificata
Sc max	Massima tensione (positiva se di compressione) nel conglomerato [Mpa]
Xc max, Yc max	Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Sf min	Minima tensione (negativa se di trazione) nell'acciaio [Mpa]
Xs min, Ys min	Ascissa, Ordinata [cm] della barra corrisp. a Sf min (sistema rif. X,Y,O)
Ac eff.	Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff.	Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	1.99	-50.0	120.0	-78.8	32.3	8.5	2150	53.1

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	1.99	-50.0	120.0	-78.8	32.3	8.5	2150	53.1

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Ver.	La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1	Esito della verifica
e2	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata = 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
kt	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k2	= 0.5 per flessione; $=(e1 + e2)/(2 * e1)$ per trazione eccentrica [eq.(7.13)EC2]
k3	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
k4	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Ø	Diametro [mm] equivalente delle barre tese comprese nell'area efficace Ac_{eff} [eq.(7.11)EC2]
Cf	Copriferro [mm] netto calcolato con riferimento alla barra più tesa
e sm - e cm	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC] Tra parentesi: valore minimo = $0.6 S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
sr max	Massima distanza tra le fessure [mm]
wk	Apertura fessure in mm calcolata = $sr_{max} * (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
Mx fess.	Componente momento di prima fessurazione intorno all'asse X [kNm]
My fess.	Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00044	0	0.500	26.0	72	0.00024 (0.00024)	424	0.100 (0.30)	1154.72	0.00

DIAFRAMMA-VERIFICA A TAGLIO SEZIONE

Materiali

CLS

Classe =	Rck 40
$f_{ck} =$	33.2 MPa
$\alpha_{cc} =$	0.85
$\gamma_c =$	1.5
$f_{cd} = \alpha_{cc} f_{ck} / \gamma_c =$	18.81 MPa
$f'_{cd} = 0,5 f_{cd} =$	9.41 MPa

ARMATURE

$f_{yk} =$	450 MPa
$\gamma_s =$	1.15
$f_{yd} = f_{yk} / \gamma_s =$	391.3 MPa

Sollecitazioni

$N_{Ed} =$	kN
$V_{Ed} =$	727 kN
$T_{Ed} =$	0 kNm

Taglio

$B = b_w =$	1000 mm	$\kappa = \min [1 + \sqrt{(200 / d)}; 2] =$	1.4264
$H =$	1200 mm	$\rho_t = \min [A_{st} / (b_w d); 0,02] =$	0.0096
$d =$	1100 mm	$A_c = B H =$	1200000 mm ²
$A_{st} =$	10600 mm²	$\sigma_{cp} = \min [N_{Ed} / A_c; 0,2 f_{cd}] =$	0.0000 MPa
$\alpha =$	90 °	$v_{min} = 0,035 \kappa^{3/2} f_{ck}^{1/2} =$	0.3436 MPa
$\text{ctg } \theta =$	2.5	$\alpha_c =$	1.0000
		$\text{ctg } \alpha =$	0.0000

Resistenza senza armature trasversali

$$V_{Rd} = \max \{ [0,18 \kappa (100 \rho_t f_{ck})^{1/3} / \gamma_c + 0,15 \sigma_{cp}] b_w d; (v_{min} + 0,15 \sigma_{cp}) b_w d \} = \mathbf{598 \text{ kN}}$$

$V_{Rd} < V_{Ed} \rightarrow$ **Sono richieste armature a taglio**

Resistenza con armature trasversali

$$A_{sw} / s \geq V_{Ed} / [0,9 d f_{yd} (\text{ctg } \alpha + \text{ctg } \theta) \sin \alpha] = \mathbf{751 \text{ mm}^2/\text{m}}$$
$$V_{Rcd} = 0,9 d b_w \alpha_c f_{cd} (\text{ctg } \alpha + \text{ctg } \theta) / (1 + \text{ctg}^2 \theta) = \mathbf{3211 \text{ kN}}$$

$V_{Rcd} > V_{Ed} \rightarrow$ **Verifica del cls d'anima soddisfatta**

Verifica del tirante

$N_{ed} = V_{ed} \cdot \text{ctg } \theta =$	1818 kN	
$N_{rd} = f_{yd} \cdot A_{st} =$	4148 kN	
$N_{ed} / N_{rd} =$	0.44	< 1 Verifica soddisfatta

Come visibile dai risultati sopra riportati risulta necessaria un'armatura a taglio, si opta per la disposizione di staffe F12 / passo 20cm / interasse 50cm.

10.1.5. VERIFICHE PUNTONI

Si inserisce la verifica del puntone tubolare circolare in acciaio, che è soddisfatta con coefficiente di sfruttamento 0,674:

La verifica è eseguita per:

Ned = 6735 kN come da modello SAP2000

Med = (0,0628 x 78,50) x 25^2 / 8 = 385,14 kNm (peso proprio tubolare)

Numero tubolare	Comb. C.C.	Caratteristiche di sollecitazione agenti			Eccentricità Sforzo		Diametro esterno e spessore tubo		tens.caratt. snervamento e lunghezze libere inflessione			Fattori di imperfezione		Coefficiente Sfruttamento
		kN	kNm	kNm	cm	cm	mm	mm	Mpa	cm	cm			
N°.ASTA	C.C.C.	NED	MYED	MZED	ECCY	ECCZ	FIEST	SPESS	FYK	L0Y	L0Z	ALFAY	ALFAZ	METODOA
1	1	-6735.0	385.3	0.0	0.0	0.0	1000.00	20.00	275	2500	2500	0.210	0.210	0.674

10.1.6. CEDIMENTI

Il calcolo dei cedimenti a seguito dello scavo viene stimato, in via cautelativa, nel seguente modo: gli spostamenti orizzontali della paratia determinano un volume che viene ridistribuito trasversalmente all'asse dei binari sotto forma di cedimenti verticali con andamento parabolico, secondo il metodo presente in letteratura proposto da Joseph E. Bowles (vedi "Fondazioni: Progetto e Analisi", Mc Graw-Hill Edizione 1994):

CALCOLO CEDIMENTI TERRENO PER PARATIA				MODELLO PER SPOST. LATERALI:			
[rif. Bowles pag. 719-722 - Viggiani pag. 305-317]				PARAT01R1 - SLU A1_STR			Vol.tot.[m³/m]
Hw	(altezza paratia)	17.50 [m]					0.17141
B	(larghezza scavo)	90.00 [m]		punto	quota [m]	spost.lat.[mm]	Volume [m³/m]
Φ	(angolo attrito)	30 [°]		01	32.00	0.80	0.00540
Hp		77.85 [m]		02	29.00	2.80	0.01660
Ht	(Hw +Hp)	95.35 [m]		03	25.00	5.50	0.02193
D	zona influenza cedim.	55.01 [m]		04	21.60	7.40	0.02669
Vs	Volume mat. Spostato	0.171 [m³/m]		05	18.20	8.30	0.02834
Sw	cedim. Max. vertic.	12.463 [mm]		06	14.52	7.10	0.01575
				07	12.00	5.40	0.01000
	distanza dalla paratia	ascissa X	S (abbassamento)	08	10.00	4.60	0.00890
	[in metri]	[in metri]	[in millimetri]	09	8.00	4.30	0.00870
SD	55.01	0.00	0.000	10	6.00	4.40	0.00910
S10	49.51	5.50	0.125	11	4.00	4.70	0.00970
S9	44.01	11.00	0.499	12	2.00	5.00	0.01030
S8	38.51	16.50	1.122	13	0.00	5.30	0.00000
S7	33.01	22.01	1.994	14			
S6	27.51	27.51	3.116	15			
S5	22.01	33.01	4.487	16			
S4	16.50	38.51	6.107	17			
S3	11.00	44.01	7.976	18			
S2	5.50	49.51	10.095	19			
Sw	0.00	55.01	12.463	20			
CONFRONTO DISTORSIONI DI CALCOLO CON DISTORSIONI AMMISSIBILI							
	distanza dalla paratia	ascissa X	S (abbassamento)	Cedim.rigido	Cedim.	Distorsione β	β ammissibile
	[in metri]	[in metri]	[in millimetri]	[in millimetri]	distorsione	1/β	1/β
SD	55.01	0.00	0.000	0.000	0.000	500	500
S10	49.51	5.50	0.125	1.246	-1.122	4905	500
S9	44.01	11.00	0.499	2.493	-1.994	6306	500
S8	38.51	16.50	1.122	3.739	-2.617	8829	500
S7	33.01	22.01	1.994	4.985	-2.991	14715	500
S6	27.51	27.51	3.116	6.231	-3.116	44144	500
S5	22.01	33.01	4.487	7.478	-2.991	44144	500
S4	16.50	38.51	6.107	8.724	-2.617	14715	500
S3	11.00	44.01	7.976	9.970	-1.994	8829	500
S2	5.50	49.51	10.095	11.216	-1.122	6306	500
Sw	0.00	55.01	12.463	12.463	0.000	4905	500

I cedimenti sono trascurabili in direzione trasversale ai binari in quanto generano distorsioni quasi nulle.

Per quanto concerne la direzione longitudinale ai binari, considerato il comportamento tridimensionale dello scavo (e non bidimensionale come ipotizzato nel modello a favore di sicurezza) e ipotizzando a favore di sicurezza un cedimento nullo al termine dello scavo, considerata la lunghezza del medesimo pari a L=90m circa, in adiacenza alla paratia si ottiene un rapporto luce / freccia= 90000 / 7,97 = 11292. Il valore ottenuto, pari a L/11292, è inferiore di

oltre un ordine di grandezza ai limiti consentiti secondo il Manuale RFI di progettazione delle opere civili per ponti ferroviari (limite: $L/700$). Pertanto le verifiche allo stato limite di deformazione risultano soddisfatte.

10.2. PARAT02

In esercizio i puntoni sono costituiti dagli orizzontamenti in c.a. dei piani interrati e dal piano terra e dalla platea.

La rigidezza dei puntoni è pari a:

Per I solai:

$$K = EA / L = 320.000 \text{ DaN/cm}^2 \times (100 \times 5 + 12 \times 25 / 0,52 + 50 \times 30 / 5) \text{ cm}^2 / 2500 \text{ cm} = 175.000 \text{ kN/m}$$

Per la platea, applicato in due punti:

$$K = EA / L = 320.000 \text{ DaN/cm}^2 \times (100 \times 250) \text{ cm}^2 / 2500 / \text{cm} / 2 = 1.600.000 \text{ kN/m}$$

I puntoni sono posizionati alle quote dei solai e della platea.

L'analisi del diaframma è di tipo piano su una fascia di larghezza unitaria.

La rigidezza delle molle orizzontali per la parte infissa nel jet-grouting è dedotta dai seguenti valori del modulo elastico in letteratura:

$$E_{\text{jet-grouting}} = 1000 \text{ Mpa}$$

Ne deriva la seguente rigidezza delle molle che simulano il terreno implementata nel modello PARAT02:

E	1000.0 Mpa		
A	1.0 m ²		
L	10.0 Mpa		
kh=EA/L	100,000	kN/m ³	jet grouting
z quota	Linfl	K [kN/m]	z quota
0.8	0.8	76,000	14.00
1.5	1.0	100,000	13.00
2.5	1.0	100,000	12.00
3.5	1.0	100,000	11.00
4.5	1.0	100,000	10.00
5.5	1.0	100,000	9.00
6.5	1.0	100,000	8.00
7.5	1.0	100,000	7.00
8.5	1.0	100,000	6.00
9.5	1.0	100,000	5.00
10.5	1.0	100,000	4.00
11.5	1.0	100,000	3.00
12.5	1.0	100,000	2.00
13.5	1.0	100,000	1.00
14.5	0.5	50,000	0.00

10.2.1. MODELLAZIONE

Il modello di calcolo è composto, anche in questo caso, da un elemento di tipo frame che simula il concio di paratia alla quale sono collegate delle molle di rigidezza variabile alle opportune quote per simulare la presenza dei solai e del terreno.



10.2.2. COMBINAZIONI DI CARICO

L'analisi della paratia e stata condotta considerando le seguenti combinazioni di carico:

Condizione di carico	SLU_A1_STR	SLV_Ex	SLERA_FESS
G1	1.35	1	1
G1_MONTE	1.5	1	1
G1_SCAVO	1	1	1
G2_W_MONTE	1.5	1	1
G2_W_SCAVO	1	1	1
Q1_LM71_MONTE	1.45	0.2	1
Ex_PARATIA	0	1	0
DP_WOOD_MONTE	0	1	0

10.2.3. OUTPUT DI CALCOLO

I risultati ottenuti dal modello PARAT02 per la combinazione **SLU_A1_STR** vengono di seguito riportati:

Frame Text	Station m	OutputCase Text	CaseType Text	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m	M3 KN-m
2		0 SLU_A1_STR	Combination	0.00	-132.91	0.00	0.00	0.00	0.00
2	1.5	SLU_A1_STR	Combination	-60.73	-95.13	0.00	0.00	0.00	175.04
2	3	SLU_A1_STR	Combination	-121.46	-25.28	0.00	0.00	0.00	269.35
8	0	SLU_A1_STR	Combination	-1093.18	-217.02	0.00	0.00	0.00	109.94
8	1	SLU_A1_STR	Combination	-1133.67	276.67	0.00	0.00	0.00	80.75
8	1	SLU_A1_STR	Combination	-1133.67	-219.74	0.00	0.00	0.00	80.75
8	2	SLU_A1_STR	Combination	-1174.15	281.62	0.00	0.00	0.00	50.45
8	2	SLU_A1_STR	Combination	-1174.15	-228.10	0.00	0.00	0.00	50.45
8	2.5	SLU_A1_STR	Combination	-1194.40	25.45	0.00	0.00	0.00	101.20
8	3	SLU_A1_STR	Combination	-1214.64	280.93	0.00	0.00	0.00	24.68
8	3	SLU_A1_STR	Combination	-1214.64	-240.14	0.00	0.00	0.00	24.68
8	4	SLU_A1_STR	Combination	-1255.13	276.56	0.00	0.00	0.00	7.11
8	4	SLU_A1_STR	Combination	-1255.13	-254.43	0.00	0.00	0.00	7.11
8	5	SLU_A1_STR	Combination	-1295.62	269.94	0.00	0.00	0.00	0.00
10	0	SLU_A1_STR	Combination	-121.46	-25.28	0.00	0.00	0.00	269.35
10	1.8	SLU_A1_STR	Combination	-194.34	110.71	0.00	0.00	0.00	203.32
10	1.8	SLU_A1_STR	Combination	-194.34	-287.16	0.00	0.00	0.00	203.32
10	5.2	SLU_A1_STR	Combination	-332.00	166.99	0.00	0.00	0.00	480.71
10	5.2	SLU_A1_STR	Combination	-332.00	-299.72	0.00	0.00	0.00	480.71
10	7.24	SLU_A1_STR	Combination	-414.60	96.60	0.00	0.00	0.00	703.68
10	8.6	SLU_A1_STR	Combination	-469.66	412.40	0.00	0.00	0.00	362.24
10	8.6	SLU_A1_STR	Combination	-469.66	65.07	0.00	0.00	0.00	362.24
10	11.9	SLU_A1_STR	Combination	-603.27	1002.95	0.00	0.00	0.00	-1333.16
10	11.9	SLU_A1_STR	Combination	-603.27	-434.70	0.00	0.00	0.00	-1333.16
10	14.48	SLU_A1_STR	Combination	-707.73	467.83	0.00	0.00	0.00	-1343.96
11	0	SLU_A1_STR	Combination	-707.73	-908.37	0.00	0.00	0.00	-1343.96
11	0.52	SLU_A1_STR	Combination	-728.79	-710.50	0.00	0.00	0.00	-922.97
11	0.52	SLU_A1_STR	Combination	-728.79	-792.86	0.00	0.00	0.00	-922.97
11	1.52	SLU_A1_STR	Combination	-769.27	-406.75	0.00	0.00	0.00	-322.55
11	1.52	SLU_A1_STR	Combination	-769.27	-569.87	0.00	0.00	0.00	-322.55
11	2.52	SLU_A1_STR	Combination	-809.76	-176.40	0.00	0.00	0.00	51.20
11	2.52	SLU_A1_STR	Combination	-809.76	-399.64	0.00	0.00	0.00	51.20
11	3.52	SLU_A1_STR	Combination	-850.25	1.19	0.00	0.00	0.00	251.04
11	3.52	SLU_A1_STR	Combination	-850.25	-279.68	0.00	0.00	0.00	251.04
11	4.52	SLU_A1_STR	Combination	-890.74	128.51	0.00	0.00	0.00	327.24
11	4.52	SLU_A1_STR	Combination	-890.74	-203.41	0.00	0.00	0.00	327.24
11	4.76	SLU_A1_STR	Combination	-900.45	-104.35	0.00	0.00	0.00	364.18
11	5.52	SLU_A1_STR	Combination	-931.23	212.14	0.00	0.00	0.00	323.48
11	5.52	SLU_A1_STR	Combination	-931.23	-162.73	0.00	0.00	0.00	323.48
11	6.52	SLU_A1_STR	Combination	-971.71	260.18	0.00	0.00	0.00	275.38
11	6.52	SLU_A1_STR	Combination	-971.71	-149.79	0.00	0.00	0.00	275.38
11	7.52	SLU_A1_STR	Combination	-1012.20	280.48	0.00	0.00	0.00	210.64
11	7.52	SLU_A1_STR	Combination	-1012.20	-157.82	0.00	0.00	0.00	210.64
11	8.52	SLU_A1_STR	Combination	-1052.69	279.80	0.00	0.00	0.00	150.27
11	8.52	SLU_A1_STR	Combination	-1052.69	-181.55	0.00	0.00	0.00	150.27
11	9.52	SLU_A1_STR	Combination	-1093.18	263.44	0.00	0.00	0.00	109.94

I valori massimi delle sollecitazioni che si ottengono sono:

M = 1343 kNm

V = 1002 kN

N = -1295 kN

I risultati ottenuti dal modello PARAT02 per la combinazione **SLV** vengono di seguito riportati:

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2	M3
Text	m	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m
2	0	SLV_Ex	Combination	0.00	-154.14	0.00	0.00	0.00	0.00
2	1.5	SLV_Ex	Combination	-89.97	-93.38	0.00	0.00	0.00	188.31
2	3	SLV_Ex	Combination	-179.95	-11.25	0.00	0.00	0.00	269.46
8	0	SLV_Ex	Combination	-1619.52	-112.41	0.00	0.00	0.00	76.38
8	1	SLV_Ex	Combination	-1679.50	156.95	0.00	0.00	0.00	54.11
8	1	SLV_Ex	Combination	-1679.50	-113.26	0.00	0.00	0.00	54.11
8	2	SLV_Ex	Combination	-1739.49	156.10	0.00	0.00	0.00	32.69
8	2	SLV_Ex	Combination	-1739.49	-117.30	0.00	0.00	0.00	32.69
8	2.5	SLV_Ex	Combination	-1769.48	17.38	0.00	0.00	0.00	57.67
8	3	SLV_Ex	Combination	-1799.47	152.06	0.00	0.00	0.00	15.31
8	3	SLV_Ex	Combination	-1799.47	-123.37	0.00	0.00	0.00	15.31
8	4	SLV_Ex	Combination	-1859.45	145.99	0.00	0.00	0.00	4.00
8	4	SLV_Ex	Combination	-1859.45	-130.68	0.00	0.00	0.00	4.00
8	5	SLV_Ex	Combination	-1919.43	138.68	0.00	0.00	0.00	0.00
10	0	SLV_Ex	Combination	-179.95	-11.25	0.00	0.00	0.00	269.46
10	1.8	SLV_Ex	Combination	-287.92	122.51	0.00	0.00	0.00	176.56
10	1.8	SLV_Ex	Combination	-287.92	-230.60	0.00	0.00	0.00	176.56
10	5.2	SLV_Ex	Combination	-491.86	153.57	0.00	0.00	0.00	356.22
10	5.2	SLV_Ex	Combination	-491.86	-234.61	0.00	0.00	0.00	356.22
10	7.24	SLV_Ex	Combination	-614.22	78.45	0.00	0.00	0.00	526.04
10	8.6	SLV_Ex	Combination	-695.79	321.55	0.00	0.00	0.00	257.16
10	8.6	SLV_Ex	Combination	-695.79	41.82	0.00	0.00	0.00	257.16
10	11.9	SLV_Ex	Combination	-893.74	746.09	0.00	0.00	0.00	-998.34
10	11.9	SLV_Ex	Combination	-893.74	-372.00	0.00	0.00	0.00	-998.34
10	14.48	SLV_Ex	Combination	-1048.49	291.47	0.00	0.00	0.00	-873.16
11	0	SLV_Ex	Combination	-1048.49	-594.30	0.00	0.00	0.00	-873.16
11	0.52	SLV_Ex	Combination	-1079.68	-465.64	0.00	0.00	0.00	-597.58
11	0.52	SLV_Ex	Combination	-1079.68	-517.07	0.00	0.00	0.00	-597.58
11	1.52	SLV_Ex	Combination	-1139.66	-269.67	0.00	0.00	0.00	-204.21
11	1.52	SLV_Ex	Combination	-1139.66	-368.61	0.00	0.00	0.00	-204.21
11	2.52	SLV_Ex	Combination	-1199.65	-121.26	0.00	0.00	0.00	40.72
11	2.52	SLV_Ex	Combination	-1199.65	-254.86	0.00	0.00	0.00	40.72
11	3.52	SLV_Ex	Combination	-1259.63	-7.54	0.00	0.00	0.00	171.91
11	3.52	SLV_Ex	Combination	-1259.63	-174.04	0.00	0.00	0.00	171.91
11	4.52	SLV_Ex	Combination	-1319.61	73.23	0.00	0.00	0.00	222.31
11	4.52	SLV_Ex	Combination	-1319.61	-121.71	0.00	0.00	0.00	222.31
11	4.76	SLV_Ex	Combination	-1334.01	-62.37	0.00	0.00	0.00	244.40
11	5.52	SLV_Ex	Combination	-1379.59	125.51	0.00	0.00	0.00	220.41
11	5.52	SLV_Ex	Combination	-1379.59	-92.45	0.00	0.00	0.00	220.41
11	6.52	SLV_Ex	Combination	-1439.58	154.73	0.00	0.00	0.00	189.27
11	6.52	SLV_Ex	Combination	-1439.58	-80.97	0.00	0.00	0.00	189.27
11	7.52	SLV_Ex	Combination	-1499.56	166.16	0.00	0.00	0.00	146.67
11	7.52	SLV_Ex	Combination	-1499.56	-82.71	0.00	0.00	0.00	146.67
11	8.52	SLV_Ex	Combination	-1559.54	164.38	0.00	0.00	0.00	105.83
11	8.52	SLV_Ex	Combination	-1559.54	-94.08	0.00	0.00	0.00	105.83
11	9.52	SLV_Ex	Combination	-1619.52	152.96	0.00	0.00	0.00	76.38

I valori massimi delle sollecitazioni che si ottengono sono:

M = 998 kNm

V = 746 kN

N = -1919 kN

I risultati ottenuti dal modello PARAT02 per la combinazione SLE_RARA vengono di seguito riportati:

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2	M3
Text	m	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m
2	0	SLERA_FESS	Combination	0.00	-89.33	0.00	0.00	0.00	0.00
2	1.5	SLERA_FESS	Combination	-44.99	-63.65	0.00	0.00	0.00	117.41
2	3	SLERA_FESS	Combination	-89.97	-16.58	0.00	0.00	0.00	180.25
8	0	SLERA_FESS	Combination	-809.76	-116.55	0.00	0.00	0.00	75.29
8	1	SLERA_FESS	Combination	-839.75	159.85	0.00	0.00	0.00	53.64
8	1	SLERA_FESS	Combination	-839.75	-117.11	0.00	0.00	0.00	53.64
8	2	SLERA_FESS	Combination	-869.74	159.30	0.00	0.00	0.00	32.54
8	2	SLERA_FESS	Combination	-869.74	-120.96	0.00	0.00	0.00	32.54
8	2.5	SLERA_FESS	Combination	-884.74	17.25	0.00	0.00	0.00	58.47
8	3	SLERA_FESS	Combination	-899.73	155.45	0.00	0.00	0.00	15.30
8	3	SLERA_FESS	Combination	-899.73	-126.92	0.00	0.00	0.00	15.30
8	4	SLERA_FESS	Combination	-929.73	149.48	0.00	0.00	0.00	4.01
8	4	SLERA_FESS	Combination	-929.73	-134.19	0.00	0.00	0.00	4.01
8	5	SLERA_FESS	Combination	-959.72	142.21	0.00	0.00	0.00	0.00
10	0	SLERA_FESS	Combination	-89.97	-16.58	0.00	0.00	0.00	180.25
10	1.8	SLERA_FESS	Combination	-143.96	74.66	0.00	0.00	0.00	135.21
10	1.8	SLERA_FESS	Combination	-143.96	-192.06	0.00	0.00	0.00	135.21
10	5.2	SLERA_FESS	Combination	-245.93	111.80	0.00	0.00	0.00	320.39
10	5.2	SLERA_FESS	Combination	-245.93	-201.25	0.00	0.00	0.00	320.39
10	7.24	SLERA_FESS	Combination	-307.11	63.62	0.00	0.00	0.00	471.30
10	8.6	SLERA_FESS	Combination	-347.90	274.60	0.00	0.00	0.00	244.43
10	8.6	SLERA_FESS	Combination	-347.90	40.89	0.00	0.00	0.00	244.43
10	11.9	SLERA_FESS	Combination	-446.87	667.21	0.00	0.00	0.00	-879.38
10	11.9	SLERA_FESS	Combination	-446.87	-307.08	0.00	0.00	0.00	-879.38
10	14.48	SLERA_FESS	Combination	-524.25	295.44	0.00	0.00	0.00	-843.08
11	0	SLERA_FESS	Combination	-524.25	-595.23	0.00	0.00	0.00	-843.08
11	0.52	SLERA_FESS	Combination	-539.84	-463.82	0.00	0.00	0.00	-567.73
11	0.52	SLERA_FESS	Combination	-539.84	-516.43	0.00	0.00	0.00	-567.73
11	1.52	SLERA_FESS	Combination	-569.83	-263.74	0.00	0.00	0.00	-177.65
11	1.52	SLERA_FESS	Combination	-569.83	-366.13	0.00	0.00	0.00	-177.65
11	2.52	SLERA_FESS	Combination	-599.82	-113.50	0.00	0.00	0.00	62.16
11	2.52	SLERA_FESS	Combination	-599.82	-251.84	0.00	0.00	0.00	62.16
11	3.52	SLERA_FESS	Combination	-629.81	0.75	0.00	0.00	0.00	187.70
11	3.52	SLERA_FESS	Combination	-629.81	-171.32	0.00	0.00	0.00	187.70
11	4.52	SLERA_FESS	Combination	-659.81	81.23	0.00	0.00	0.00	232.75
11	4.52	SLERA_FESS	Combination	-659.81	-119.78	0.00	0.00	0.00	232.75
11	4.76	SLERA_FESS	Combination	-667.00	-59.17	0.00	0.00	0.00	254.22
11	5.52	SLERA_FESS	Combination	-689.80	132.73	0.00	0.00	0.00	226.27
11	5.52	SLERA_FESS	Combination	-689.80	-91.55	0.00	0.00	0.00	226.27
11	6.52	SLERA_FESS	Combination	-719.79	160.90	0.00	0.00	0.00	191.59
11	6.52	SLERA_FESS	Combination	-719.79	-81.23	0.00	0.00	0.00	191.59
11	7.52	SLERA_FESS	Combination	-749.78	171.19	0.00	0.00	0.00	146.61
11	7.52	SLERA_FESS	Combination	-749.78	-84.19	0.00	0.00	0.00	146.61
11	8.52	SLERA_FESS	Combination	-779.77	168.18	0.00	0.00	0.00	104.61
11	8.52	SLERA_FESS	Combination	-779.77	-96.85	0.00	0.00	0.00	104.61
11	9.52	SLERA_FESS	Combination	-809.76	155.48	0.00	0.00	0.00	75.29

I valori massimi delle sollecitazioni che si ottengono sono:

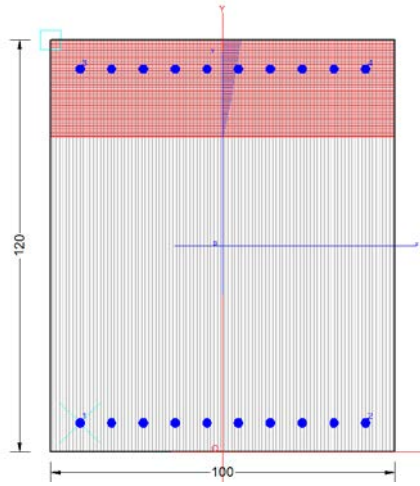
M = 879 kNm

V = 667 kN

N = -959 kN

10.2.4. VERIFICHE DIAFRAMMA

Si inseriscono le verifiche strutturali per combinazioni SLU, SLV e SLE-RARA, della sezione del diaframma che risultano soddisfatte per armatura longitudinale F26/10. Tali verifiche sono state eseguite con l'ausilio del software RC-SEC e di opportuni fogli di calcolo di cui in seguito se ne riportano i risultati:



CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40
	Resis. compr. di progetto fcd:	18.810 MPa
	Resis. compr. ridotta fcd':	9.405 MPa
	Def.unit. max resistenza ec2:	0.0020
	Def.unit. ultima ecu:	0.0035
	Diagramma tensione-deformaz.:	Parabola-Rettangolo
	Modulo Elastico Normale Ec:	33642.8 MPa
	Resis. media a trazione fctm:	3.720 MPa
	Coeff. Omogen. S.L.E.:	15.00
	Coeff. Omogen. S.L.E.:	15.00
	Sc limite S.L.E. comb. Q.Permanenti:	0.00 Mpa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.300 mm
	ACCIAIO -	Tipo:
Resist. caratt. snervam. fyk:		450.00 MPa
Resist. caratt. rottura ftk:		450.00 MPa
Resist. snerv. di progetto fyd:		391.30 MPa
Resist. ultima di progetto ftd:		391.30 MPa
Deform. ultima di progetto Epu:		0.068
Modulo Elastico Ef		2000000 daN/cm ²
Diagramma tensione-deformaz.:		Bilineare finito
Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:		1.00
Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:		0.50
Sf limite S.L.E. Comb. Rare:	360.00 MPa	

CARATTERISTICHE DOMINIO CONGLOMERATO

Forma del Dominio:	Poligonale
Classe Conglomerato:	C32/40

N°vertice:	X [cm]	Y [cm]
1	-50.0	0.0
2	-50.0	120.0
3	50.0	120.0
4	50.0	0.0

DATI BARRE ISOLATE

N°Barra	X [cm]	Y [cm]	DiamØ[mm]
1	-41.5	8.5	26
2	41.5	8.5	26
3	-41.5	111.5	26
4	41.5	111.5	26

DATI GENERAZIONI LINEARI DI BARRE

N°Gen.	Numero assegnato alla singola generazione lineare di barre
N°Barra Ini.	Numero della barra iniziale cui si riferisce la generazione
N°Barra Fin.	Numero della barra finale cui si riferisce la generazione
N°Barre	Numero di barre generate equidistanti cui si riferisce la generazione
Ø	Diametro in mm delle barre della generazione

N°Gen.	N°Barra Ini.	N°Barra Fin.	N°Barre	Ø
1	1	2	8	26
2	3	4	8	26

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N°Comb.	N	Mx	Vy
1	0.00	1343.00	1002.00
2	0.00	998.00	746.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse X di riferimento (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione

N°Comb.	N	Mx	My
1	0.00	879.00	0.00

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse X di riferimento (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione

N°Comb.	N	Mx	My
1	0.00	879.00 (1154.72)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 7.2 cm
Interferro netto minimo barre longitudinali: 6.6 cm
Copriferro netto minimo staffe: 6.0 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE SOSTANZIALMENTE ELASTICO

Ver S = combinazione verificata / N = combin. non verificata
N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
Verifica positiva se tale rapporto risulta >=1.000
As Totale Area totale barre longitudinali [cm²]. [Tra parentesi il valore minimo di normativa]

N°Comb	Ver	N	Mx	N Res	Mx Res	Mis.Sic.	As Totale
1	S	0.00	1343.00	0.00	2120.16	1.58	106.2(36.0)
2	S	0.00	998.00	0.00	2120.16	2.12	106.2(36.0)

METODO AGLI STATI LIMITE IN CAMPO SOSTANZIALMENTE ELASTICO - DEFORMAZIONI UNITARIE ALLO STATO LIMITE

ec max Deform. unit. massima del conglomerato a compressione
Xc max Deform. unit. massima del conglomerato a compressione
Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00067	-50.0	120.0	0.00047	-41.5	111.5	-0.00196	-41.5	8.5
2	0.00067	-50.0	120.0	0.00047	-41.5	111.5	-0.00196	-41.5	8.5

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000023531	-0.002156516		
2	0.000000000	0.000023531	-0.002156516		

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.10	-50.0	120.0	-162.7	32.3	8.5	2100	53.1

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.10	-50.0	120.0	-162.7	32.3	8.5	2100	53.1

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00090	0	0.500	26.0	72	0.00049 (0.00049)	420	0.20 (0.30)	1154.72	0.00

DIAFRAMMA-VERIFICA A TAGLIO SEZIONE

Materiali

CLS

Classe =	Rck 40
$f_{ck} =$	33.2 MPa
$\alpha_{cc} =$	0.85
$\gamma_c =$	1.5
$f_{cd} = \alpha_{cc} f_{ck} / \gamma_c =$	18.81 MPa
$f'_{cd} = 0,5 f_{cd} =$	9.41 MPa

ARMATURE

$f_{yk} =$	450 MPa
$\gamma_s =$	1.15
$f_{yd} = f_{yk} / \gamma_s =$	391.3 MPa

Sollecitazioni

$N_{Ed} =$	kN
$V_{Ed} =$	1002 kN
$T_{Ed} =$	0 kNm

Taglio

$B = b_w =$	1000 mm	$\kappa = \min [1 + \sqrt{(200 / d)}; 2] =$	1.4264
$H =$	1200 mm	$\rho_t = \min [A_{st} / (b_w d); 0,02] =$	0.0096
$d =$	1100 mm	$A_c = B H =$	1200000 mm ²
$A_{st} =$	10600 mm ²	$\sigma_{cp} = \min [N_{Ed} / A_c; 0,2 f_{cd}] =$	0.0000 MPa
$\alpha =$	90 °	$v_{min} = 0,035 \kappa^{3/2} f_{ck}^{1/2} =$	0.3436 MPa
$ctg \theta =$	2.5	$\alpha_c =$	1.0000
		$ctg \alpha =$	0.0000

Resistenza senza armature trasversali

$$V_{Rd} = \max \{ [0,18 \kappa (100 \rho_t f_{ck})^{1/3} / \gamma_c + 0,15 \sigma_{cp}] b_w d; (v_{min} + 0,15 \sigma_{cp}) b_w d \} = 598 \text{ kN}$$
$$V_{Rd} < V_{Ed} \rightarrow \text{Sono richieste armature a taglio}$$

Resistenza con armature trasversali

$$A_{sw} / s \geq V_{Ed} / [0,9 d f_{yd} (ctg \alpha + ctg \theta) \sin \alpha] = 1035 \text{ mm}^2/\text{m}$$
$$V_{Rcd} = 0,9 d b_w \alpha_c f_{cd} (ctg \alpha + ctg \theta) / (1 + ctg^2 \theta) = 3211 \text{ kN}$$
$$V_{Rcd} > V_{Ed} \rightarrow \text{Verifica del cls d'anima soddisfatta}$$

Verifica del tirante

$N_{ed} = V_{ed} * ctg \theta =$	2505 kN	
$N_{rd} = f_{yd} * A_{st} =$	4148 kN	
$N_{ed} / N_{rd} =$	0.60	< 1 Verifica soddisfatta

Come visibile dai risultati sopra riportati risulta necessaria un'armatura a taglio, si opta per la disposizione di staffe F12 / passo 20cm / interasse 50cm.

Alle sollecitazioni massime ottenute con il modello PARAT-02 vengono sommate, a favore di sicurezza, le sollecitazioni massime in fase sismica (SLV) ottenute con il modello globale dell'edificio in corrispondenza dei diaframmi perimetrali. Il momento massimo in fase sismica ottenuto dal modello PARAT-02 è pari a $M_{ed} = 990 \text{ kNm/m}$; il momento massimo in fase sismica ottenuto dal modello globale dell'edificio sui diaframmi è pari a $M_{ed}(SLV) = 110 \text{ kNm/m}$. Ne deriva, a favore di sicurezza, un momento massimo $M_{ed}(SLV) = 990 + 110 = 1100 \text{ kNm/m}$, inferiore al momento $M_{ed}(SLU) = 1320 \text{ kNm/m}$ di PARAT-02 con il quale viene dimensionato il diaframma. Stesso parallelo per il taglio.

10.2.5. CEDIMENTI

L'inserimento della platea e degli orizzontamenti di piano aumenta la rigidità del diaframma che non subisce ulteriori

spostamenti in quanto i puntoni metallici vengono rimossi solo in seguito alla realizzazione della platea e dei solai. Pertanto non sono attesi ulteriori cedimenti.

11. STATI LIMITE ULTIMI IDRAULICI

Lo stato limite di sollevamento (UPL) va verificato in due configurazioni:

- a) Sollevamento tappo di fondo durante le fasi di scavo
- b) Sollevamento dell'edificio in esercizio

Tab. 6.2.III – Coefficienti parziali sulle azioni per le verifiche nei confronti di stati limite di sollevamento

	Effetto	Coefficiente Parziale γ_F (o γ_E)	Sollevamento (UPL)
Carichi permanenti G_1	Favorevole	γ_{G1}	0,9
	Sfavorevole		.
Carichi permanenti $G_2^{(1)}$	Favorevole	γ_{G2}	0,8
	Sfavorevole		1,5
Azioni variabili Q	Favorevole	γ_{Q1}	0,0
	Sfavorevole		1,5

11.1. SOLLEVAMENTO TAPPO DI FONDO (UPL) DURANTE LE FASI DI SCAVO

Verifica sollevamento tappo di fondo

Quota fondo scavo dal piano di campagna	17.5	m
Quota superficie piezometrica dal p.c.	3.0	m
Quota intradosso tappo di fondo	41.0	m
Altezza tappo di fondo	23.5	m
Peso specifico tappo di fondo	20.0	kN/m ³
Coefficiente parziale azioni favorevoli - γ_{G1}	0.9	
Coefficiente parziale azioni sfavorevoli - γ_{G1}	1.1	
Peso tappo di fondo (Gstb,k)	470	kN/m ²
Spinta idraulica (Vinst,k)	380	kN/m ²
Peso tappo di fondo (Gstb,d=Gstb,k x γ_{G1})	423	kN/m ²
Spinta idraulica (Vinst,d=Vinst,k x γ_{G1})	418	kN/m ²
Vinst,d / Gstb,d ≤ 1 - Coefficiente di sfruttamento	0.99	Verifica Soddisfatta

Si prevede un tappo di fondo realizzato con jet-grouting che va dalla quota di -17,50m dal piano di campagna alla quota di -41,00m dal piano di campagna, per uno spessore di 23,50m, al fine di soddisfare la verifica di sollevamento del tappo di fondo durante le fasi di scavo.

11.2. VERIFICA SOLLEVAMENTO (UPL) DELL'EDIFICIO IN ESERCIZIO

Verifica sollevamento edificio

Piani fuori terra:

Numero piani fuori terra	8.0	
G1,k medio campi di solaio	3.6	kN/m ²
Incremento G1,k per struttura telaio in c.a.	49%	
G2a,k medio campi di solaio	2.2	kN/m ²
G2b,k medio campi di solaio	2.0	kN/m ²
G2c,k medio campi di solaio	0.3	kN/m ²
Coefficiente parziale azioni favorevoli - $\gamma G1$	0.9	
Coefficiente parziale azioni favorevoli - $\gamma G2$	0.8	
Peso totale G1k (Gstb,k) struttura elevazione	42.9	kN/m ²
Peso totale G2k (Gstb,k)	36.0	kN/m ²
struttura elevazione (Gstb,d=Gstb,k x $\gamma G1$)	38.6	kN/m ²
permanentemente portati (Gstb,d=Gstb,k x $\gamma G2$)	28.8	kN/m ²
azioni stabilizzanti (Gstb,d totale)	67.4	kN/m ²
Larghezza media trasversale edificio	13.5	m
struttura elevazione (Gstb,d=Gstb,k x $\gamma G1$) al ml	910.3	kN/m

Piani interrati:

Numero piani interrati	4.0	
G1,k medio campi di solaio	4.5	kN/m ²
Incremento G1,k per struttura telaio in c.a.	49%	
G2a,k medio campi di solaio	2.0	kN/m ²
G2b,k medio campi di solaio	2.0	kN/m ²
G2c,k medio campi di solaio	0.3	kN/m ²
Coefficiente parziale azioni favorevoli - $\gamma G1$	0.9	
Coefficiente parziale azioni favorevoli - $\gamma G2$	0.8	
Peso totale G1k (Gstb,k) struttura elevazione	26.8	kN/m ²
Peso totale G2k (Gstb,k)	17.2	kN/m ²
struttura elevazione (Gstb,d=Gstb,k x $\gamma G1$)	24.1	kN/m ²
permanentemente portati (Gstb,d=Gstb,k x $\gamma G2$)	13.8	kN/m ²
azioni stabilizzanti (Gstb,d totale)	37.9	kN/m ²
Larghezza media trasversale edificio	21.5	m
struttura elevazione (Gstb,d=Gstb,k x $\gamma G1$) al ml	814.0	kN/m

platea in c.a.:

altezza platea in c.a.	2.5 m
Peso totale G1k (Gstb,k) platea in c.a.	62.5 kN/m ²
Coefficiente parziale azioni favorevoli - γ G1	0.9
platea in c.a. (Gstb,d=Gstb,k x γ G1)	56.3 kN/m ²
Larghezza media trasversale	21.5 m
platea in c.a. (Gstb,d=Gstb,k x γ G1) al ml	1209.4 kN/m

diaframmi in c.a.:

spessore diaframmi in c.a.	1.2 m
numero diaframmi in c.a.	2.0
lunghezza diaframmi in c.a.	32.0 m
Coefficiente parziale azioni favorevoli - γ G1	0.9
diaframmi in c.a. (Gstb,k) al ml	1920.0 kN/m
diaframmi in c.a. (Gstb,d=Gstb,k x γ G1) al ml	1728.0 kN/m
<hr/>	
Gstb,d	4661.6 kN/m

Spinta idraulica:

Quota fondo scavo dal piano di campagna	17.5 m
Quota superficie piezometrica dal p.c.	3.0 m
Spinta idraulica (Vinst,k)	145 kN/m ²
Coefficiente parziale azioni sfavorevoli - γ G1	1.1
Spinta idraulica (Vinst,d=Vinst,k x γ G1)	159.5 kN/m ²
Larghezza media trasversale	21.5 m
Spinta idraulica (Vinst,d=Vinst,k x γ G1) al ml	3429.3 kN/m
<hr/>	
Vinst,d	3429.3 kN/m

Verifica idraulica al sollevamento (UPL):

Vinst,d / Gstb,d \leq 1 - Coefficiente di sfruttamento **0.74** *Verifica Soddisfatta*

La verifica idraulica al sollevamento dell'edificio in esercizio risulta essere soddisfatta.

A seguire viene stimato, in via cautelativa, l'incremento di G1k dovuto al contributo delle strutture principali (travi e pilastri esclusi i setti in c.a.) rispetto al valore G1k dei solai.

Piani fuori terra**incremento dovuto a struttura principale****solaio:**

Bsolaio	5.00	m
Lsolaio	6.00	m
Asolaio	30.00	m ²
G1k-solaio	3.60	kN/m ²

incidenza pilastri:

Bpilastro	0.40	m
Apilastro	0.60	m
Hpilastro	3.30	m
G1k-pilastro	19.80	kN
G1k-pilastro	0.66	kN/m ²

incidenza travi longitudinali

Blongitudinale	1.00	m
Alongitudinale	0.30	m
Llongitudinale	6.00	m
G1k-trave	7.50	kN/m
g1k-solaio	3.60	kN/m
G1k-netto	3.90	kN/m
G1k-trave longitudinale	23.40	kN
G1k-trave longitudinale	0.78	kN/m ²

incidenza travi trasversali

Btrasversale	0.50	m
Atrasversale	0.30	m
Ltrasversale	5.00	m
G1k-trave	3.75	kN/m
g1k-solaio	1.80	kN/m
G1k-netto	1.95	kN/m
G1k-trave trasversale	9.75	kN
G1k-trave trasversale	0.33	kN/m ²

incidenza dovuto a struttura principale

G1k-struttura principale	1.77	kN
incremento G1k-solaio	49%	

Piani interrati**incremento dovuto a struttura principale****solaio:**

Bsolaio	5.00	m
Lsolaio	6.00	m
Asolaio	30.00	m ²
G1k-solaio	4.50	kN/m ²

incidenza pilastri:

Bpilastro	0.60	m
Apilastro	0.60	m
Hpilastro	3.30	m
G1k-pilastro	29.70	kN
G1k-pilastro	0.99	kN/m ²

incidenza travi longitudinali

Blongitudinale	1.00	m
Alongitudinale	0.35	m
Llongitudinale	6.00	m
G1k-trave	8.75	kN/m
g1k-solaio	4.50	kN/m
G1k-netto	4.25	kN/m
G1k-trave longitudinale	25.50	kN
G1k-trave longitudinale	0.85	kN/m ²

incidenza travi trasversali

Btrasversale	0.50	m
Atrasversale	0.35	m
Ltrasversale	5.00	m
G1k-trave	4.38	kN/m
g1k-solaio	2.25	kN/m
G1k-netto	2.13	kN/m
G1k-trave trasversale	10.63	kN
G1k-trave trasversale	0.35	kN/m ²

incidenza dovuto a struttura principale

G1k-struttura principale	2.19	kN
incremento G1k-solaio	49%	

12. APPENDICE 1 -TABULATI DI CALCOLO

SLU:VERIFICHE M-N TRAVI

Trave	Segmento	Sezione	Combinazione	N [kN]	M2 [kNm]	M3 [kNm]	As sup. [cm²]	As inf. [cm²]	D/C
1000	1	R100x35-94	SLU_12	23,81	6,16	-67,78	36,95	18,10	0,186
	2	R100x35-92	SLU_12	23,81	3,77	-32,97	18,10	18,10	0,184
1001	1	R100x35-92	SLU_02	22,54	1,77	-133,14	18,10	18,10	0,686
1002	1	R100x35-92	SLU_02	24,89	1,32	-46,22	18,10	18,10	0,250
	2	R100x35-94	SLU_02	24,89	2,44	-52,33	36,95	18,10	0,145
1004	1	R100x35-96	SLU_02	24,77	1,79	-158,30	36,95	18,10	0,421
	2	R100x35-97	SLU_02	24,77	1,10	-153,94	18,10	18,10	0,792
1005	1	R120x35-11	SLU_02	26,25	-2,49	52,86	21,24	21,24	0,242
	2	R120x35-12	SLU_02	26,25	-5,49	-170,29	21,24	21,24	0,745
1006	1	R120x35-12	SLU_02	24,80	-4,76	-169,96	21,24	21,24	0,743
	2	R120x35-11	SLU_02	24,80	1,85	51,80	21,24	21,24	0,236
1008	1	R60x30-2	SLU_12	-2,85	1,31	-26,84	12,57	12,57	0,240
1009	1	R100x35-98	SLU_02	19,69	3,71	-58,95	15,71	15,71	0,355
1010	1	R100x35-98	SLU_02	18,43	2,10	-149,07	15,71	15,71	0,868
1011	1	R60x30-2	SLU_12	-3,64	0,94	-27,08	12,57	12,57	0,241
1013	1	R50x35-14	SLU_12	6,94	-1,72	8,72	6,28	6,28	0,139
1015	1	R50x35-14	SLU_12	6,53	-1,65	6,54	6,28	6,28	0,107
1017	1	R50x35-14	SLU_12	9,41	-1,40	3,09	6,28	6,28	0,064
1019	1	R50x35-14	SLU_12	9,65	1,22	-1,92	6,28	6,28	0,047
1021	1	R50x35-15	SLU_12	20,15	0,88	-9,80	9,42	9,42	0,123
1022	1	R50x35-16	SLU_12	37,99	-0,81	-45,80	12,57	6,28	0,378
	2	R50x35-14	SLU_12	37,99	0,25	11,53	6,28	6,28	0,231
	3	R50x35-17	SLU_12	37,99	0,89	45,93	6,28	12,57	0,379
1023	1	R50x35-16	SLU_12	37,32	4,16	-44,94	12,57	6,28	0,375
	2	R50x35-14	SLU_12	37,32	1,67	-11,15	6,28	6,28	0,230
	3	R50x35-17	SLU_12	37,32	-2,47	45,18	6,28	12,57	0,375
1025	1	R50x35-14	SLU_12	18,99	1,89	-9,76	6,28	6,28	0,178
1027	1	R50x35-14	SLU_12	16,81	-1,79	5,76	6,28	6,28	0,117
1029	1	R50x35-14	SLU_12	13,42	-2,57	6,89	6,28	6,28	0,126
1031	1	R50x35-14	SLU_12	4,52	-1,50	6,79	6,28	6,28	0,107
1033	1	R50x35-14	SLU_12	6,92	-1,99	7,63	6,28	6,28	0,124
1036	1	R50x35-14	SLU_12	8,76	0,21	21,03	6,28	6,28	0,310
1037	1	R50x35-14	SLU_02	8,48	-0,07	22,62	6,28	6,28	0,332
1038	1	R50x35-15	SLU_02	11,63	0,19	21,38	9,42	9,42	0,222
1039	1	R50x35-14	SLU_12	14,22	-0,06	20,79	6,28	6,28	0,316
1040	1	R50x35-14	SLU_12	12,93	-0,05	18,42	6,28	6,28	0,281
1041	1	R50x35-14	SLU_12	15,63	-0,23	20,95	6,28	6,28	0,322
1042	1	R50x35-14	SLU_02	12,53	-0,10	21,22	6,28	6,28	0,319
1043	1	R50x35-14	SLU_02	7,23	-0,10	22,38	6,28	6,28	0,326
1044	1	R50x35-14	SLU_12	7,17	-0,19	19,84	6,28	6,28	0,291
1045	1	R50x35-15	SLU_12	12,09	0,35	-40,74	9,42	9,42	0,411
1046	1	R50x35-14	SLU_12	4,49	1,71	-35,24	6,28	6,28	0,507
1047	1	R50x35-14	SLU_12	5,57	1,64	-36,26	6,28	6,28	0,523
1048	1	R50x35-14	SLU_12	4,70	1,70	-36,06	6,28	6,28	0,519
1049	1	R50x35-14	SLU_12	5,12	1,68	-37,50	6,28	6,28	0,540
1050	1	R50x35-15	SLU_12	12,60	1,89	-42,92	9,42	9,42	0,435
1051	1	R50x35-15	SLU_12	11,10	-2,34	-43,72	9,42	9,42	0,441
1052	1	R50x35-14	SLU_12	11,84	1,90	-39,93	6,28	6,28	0,587

1053	1	R50x35-14	SLU_12	-2,33	2,10	-35,93	6,28	6,28	0,506
1054	1	R50x35-14	SLU_12	5,33	1,38	-35,85	6,28	6,28	0,516
1055	1	R50x35-14	SLU_12	5,76	1,15	-33,30	6,28	6,28	0,480
1056	1	R50x35-15	SLU_12	12,38	0,27	-36,77	9,42	9,42	0,373
1057	1	R50x80-110	SLU_03	21,08	-5,96	122,51	13,57	15,71	0,296
	2	R50x80-112	SLU_03	21,08	7,04	-303,66	19,85	9,42	0,564
1058	1	R50x80-110	SLU_12	24,48	-9,63	150,57	13,57	15,71	0,363
	2	R50x80-111	SLU_12	24,48	3,23	-133,84	19,85	15,71	0,258
	3	R50x80-112	SLU_12	24,48	10,95	-304,50	19,85	9,42	0,569
1059	1	R50x80-59	SLU_12	34,79	-7,98	176,97	12,19	18,47	0,368
	2	R50x80-60	SLU_12	34,79	4,38	-225,30	18,47	18,47	0,462
	3	R50x80-61	SLU_12	34,79	8,50	-359,38	18,47	12,19	0,722
1060	1	R50x80-59	SLU_12	31,72	-6,76	190,32	12,19	18,47	0,391
	2	R50x80-60	SLU_12	31,72	4,02	-262,76	18,47	18,47	0,532
	3	R50x80-61	SLU_12	31,72	7,61	-413,79	18,47	12,19	0,825
1061	1	R50x80-62	SLU_12	41,45	-5,36	212,60	9,05	15,33	0,531
	2	R50x80-63	SLU_12	41,45	2,97	-278,87	15,33	15,33	0,685
	3	R50x80-64	SLU_12	41,45	5,75	-442,70	21,61	9,05	0,761
1062	1	R50x80-59	SLU_12	38,13	-1,92	208,72	12,19	18,47	0,431
	2	R50x80-60	SLU_12	38,13	1,08	-267,17	18,47	18,47	0,544
	3	R50x80-61	SLU_12	38,13	2,08	-425,79	18,47	12,19	0,852
1063	1	R50x80-56	SLU_12	32,09	-0,54	118,20	9,42	15,71	0,294
	2	R50x80-57	SLU_12	32,09	0,23	-178,15	15,71	15,71	0,430
	3	R50x80-58	SLU_12	32,09	0,48	-276,93	15,71	9,42	0,655
1064	1	R50x80-59	SLU_12	39,71	-1,72	210,34	12,19	18,47	0,436
	2	R50x80-60	SLU_12	39,71	1,26	-269,47	18,47	18,47	0,550
	3	R50x80-61	SLU_12	39,71	2,25	-429,40	18,47	12,19	0,860
1065	1	R50x80-62	SLU_12	41,72	-4,13	214,11	9,05	15,33	0,534
	2	R50x80-63	SLU_12	41,72	2,36	-280,97	15,33	15,33	0,689
	3	R50x80-64	SLU_12	41,72	4,52	-446,00	21,61	9,05	0,766
1066	1	R50x80-59	SLU_04	27,89	-2,51	191,34	12,19	18,47	0,391
	2	R50x80-60	SLU_12	28,90	2,93	-263,64	18,47	18,47	0,532
	3	R50x80-61	SLU_12	28,90	5,60	-415,08	18,47	12,19	0,826
1067	1	R50x80-59	SLU_12	28,19	8,88	177,39	12,19	18,47	0,364
	2	R50x80-60	SLU_12	28,19	4,50	-225,92	18,47	18,47	0,458
	3	R50x80-61	SLU_12	28,19	8,57	-360,36	18,47	12,19	0,719
1068	1	R50x80-110	SLU_12	19,57	-8,19	151,53	13,57	15,71	0,361
	2	R50x80-111	SLU_12	19,57	2,74	-132,91	19,85	15,71	0,253
	3	R50x80-112	SLU_12	19,57	9,29	-303,58	19,85	9,42	0,564
1069	1	R50x80-108	SLU_03	20,83	-5,08	134,79	22,62	15,71	0,324
	2	R50x80-109	SLU_12	25,56	10,75	-294,63	22,62	9,42	0,488
1070	1	R50x30-19	SLU_12	-7,72	1,39	-7,82	9,42	9,42	0,085
1071	1	R50x35-14	SLU_02	5,92	-0,20	-43,15	6,28	6,28	0,613
1072	1	R50x35-14	SLU_02	6,23	-0,32	15,47	6,28	6,28	0,229
1073	1	R50x35-14	SLU_02	6,90	-0,11	15,05	6,28	6,28	0,223
1074	1	R50x35-14	SLU_01	5,56	-0,59	25,04	6,28	6,28	0,362
1078	1	R50x30-21	SLU_04	-8,45	0,38	-25,55	6,28	6,28	0,416
1079	1	R50x35-14	SLU_12	-38,18	1,71	-15,60	6,28	6,28	0,152
1080	1	R50x35-14	SLU_12	-27,33	-2,60	-15,94	6,28	6,28	0,176
1081	1	R50x35-14	SLU_12	8,59	5,15	-6,24	6,28	6,28	0,110

1082	1	R50x35-14	SLU_12	7,41	1,81	-10,38	6,28	6,28	0,164
1083	1	R50x35-14	SLU_12	8,68	2,01	-9,70	6,28	6,28	0,157
1084	1	R50x35-14	SLU_12	9,75	-5,17	-5,91	6,28	6,28	0,106
1085	1	R50x35-14	SLU_12	66,09	-0,61	15,86	6,28	6,28	0,344
1086	1	R50x35-14	SLU_12	66,87	-0,29	-15,86	6,28	6,28	0,345
1087	1	R50x50-2	SLU_12	4,51	0,92	-49,43	9,42	9,42	0,319
1088	1	R50x50-2	SLU_12	19,60	0,21	-42,73	9,42	9,42	0,296
1089	1	R50x50-2	SLU_12	16,49	-1,21	-42,02	9,42	9,42	0,288
1090	1	R50x50-2	SLU_12	6,08	0,88	-48,91	9,42	9,42	0,318
1091	1	R50x80-68	SLU_12	35,19	-1,04	80,16	9,42	15,71	0,211
	2	R50x80-69	SLU_02	26,56	1,04	-124,83	15,71	15,71	0,306
1093	1	R50x80-71	SLU_02	37,29	1,68	-99,16	15,71	9,42	0,256
	2	R50x80-68	SLU_12	54,82	-0,28	36,65	9,42	15,71	0,127
	3	R50x80-69	SLU_02	37,29	0,96	-60,71	15,71	15,71	0,168
1095	1	R50x80-57	SLU_02	46,12	1,20	-85,68	15,71	15,71	0,232
	2	R50x80-56	SLU_12	69,37	-0,12	51,32	9,42	15,71	0,172
	3	R50x80-57	SLU_02	46,12	0,43	-92,25	15,71	15,71	0,247
1096	1	R50x80-57	SLU_02	51,44	0,54	-115,14	15,71	15,71	0,303
	2	R50x80-56	SLU_12	76,92	-0,38	84,22	9,42	15,71	0,253
	3	R50x80-57	SLU_12	76,92	-0,83	64,86	15,71	15,71	0,209
1097	1	R50x80-57	SLU_12	81,24	0,47	-242,33	15,71	15,71	0,615
1098	1	R50x80-57	SLU_12	79,13	0,44	-242,92	15,71	15,71	0,615
1100	1	R50x80-57	SLU_02	43,64	0,44	-90,76	15,71	15,71	0,241
	2	R50x80-56	SLU_12	66,31	-0,16	51,24	9,42	15,71	0,169
	3	R50x80-57	SLU_02	43,64	1,24	-87,34	15,71	15,71	0,234
1102	1	R50x80-57	SLU_02	36,67	1,13	-60,55	15,71	15,71	0,168
	2	R50x80-56	SLU_12	53,88	-0,32	38,32	9,42	15,71	0,130
	3	R50x80-58	SLU_02	36,67	1,79	-94,65	15,71	9,42	0,245
1104	1	R50x80-66	SLU_12	31,07	2,11	-103,27	18,85	12,57	0,218
	2	R50x80-65	SLU_12	31,07	-0,47	48,48	18,85	18,85	0,113
	3	R50x80-67	SLU_12	31,07	-1,76	72,84	12,57	18,85	0,160
1105	1	R100x35-100	SLU_12	138,66	10,38	-117,14	12,57	12,57	0,955
	2	R100x35-101	SLU_12	138,66	-6,22	29,04	31,42	12,57	0,331
1106	1	R100x35-105	SLU_12	40,94	16,90	-183,20	24,38	18,10	0,728
	2	R100x35-92	SLU_01	33,58	-0,43	90,58	18,10	18,10	0,478
	3	R100x35-94	SLU_12	40,94	12,25	-115,16	36,95	18,10	0,316
1107	1	R80x35-14	SLU_12	67,04	7,50	-118,85	15,71	15,71	0,751
1108	1	R80x35-13	SLU_12	61,93	7,53	-108,45	12,57	12,57	0,843
1109	1	R100x35-114	SLU_12	141,82	-6,05	28,08	25,13	12,57	0,328
	2	R100x35-113	SLU_12	141,82	10,24	-85,51	12,57	12,57	0,737
1110	1	R100x35-99	SLU_01	31,18	7,34	-74,03	21,99	15,71	0,332
	2	R100x35-98	SLU_01	31,18	0,96	73,11	15,71	15,71	0,442
	3	R100x35-99	SLU_01	31,18	10,32	-159,75	21,99	15,71	0,694
1111	1	R50x35-14	SLU_02	4,93	-0,57	38,67	6,28	6,28	0,551
1112	1	R50x30-21	SLU_02	-8,79	0,72	38,96	6,28	6,28	0,642
1113	1	R100x35-101	SLU_02	-12,79	-7,20	-97,90	31,42	12,57	0,294
	2	R100x35-100	SLU_02	-12,79	6,44	-119,60	12,57	12,57	0,830
1114	1	R50x30-19	SLU_12	-7,10	0,75	-12,62	9,42	9,42	0,142
1116	1	R50x30-19	SLU_04	-5,35	0,90	-9,84	9,42	9,42	0,111
1117	1	R70x30-8	SLU_12	63,74	5,74	-49,52	12,57	12,57	0,501

1118	1	R100x35-98	SLU_01	22,93	-0,08	80,58	15,71	15,71	0,478
	1	R120x35-14	SLU_02	20,49	2,33	-355,01	40,09	21,24	0,854
1119	2	R120x35-11	SLU_02	20,49	0,21	182,05	21,24	21,24	0,791
	3	R120x35-15	SLU_02	20,49	0,39	184,83	22,62	27,52	0,634
1120	1	R120x35-19	SLU_02	14,11	-6,73	129,56	22,62	21,24	0,566
	2	R120x35-17	SLU_02	14,11	5,19	-370,29	41,47	21,24	0,861
1121	1	R100x35-98	SLU_12	15,23	3,26	-40,39	15,71	15,71	0,245
	2	R100x35-99	SLU_12	15,23	6,53	-64,78	21,99	15,71	0,284
1122	1	R100x35-99	SLU_01	29,01	3,84	-188,65	21,99	15,71	0,812
	2	R100x35-98	SLU_01	29,01	1,12	-70,07	15,71	15,71	0,423
1123	1	R100x30-68	SLU_01	-17,55	-7,61	-81,36	28,27	15,71	0,329
	2	R100x30-67	SLU_01	-17,55	6,36	-88,15	15,71	15,71	0,603
1124	1	R70x30-9	SLU_12	101,69	4,42	-57,54	15,71	15,71	0,495
1125	1	R100x30-67	SLU_01	-22,65	5,64	-88,99	15,71	15,71	0,605
	2	R100x30-68	SLU_01	-22,65	-6,68	-79,73	28,27	15,71	0,320
1126	1	R100x30-68	SLU_01	-30,94	-6,13	-89,62	28,27	15,71	0,357
	2	R100x30-67	SLU_01	-30,94	5,44	-83,21	15,71	15,71	0,559
1128	1	R100x30-67	SLU_01	-24,89	5,62	-83,17	15,71	15,71	0,563
	2	R100x30-68	SLU_01	-24,89	-6,35	-89,53	28,27	15,71	0,359
1130	1	R100x35-154	SLU_12	203,42	-2,83	-78,85	45,99	15,71	0,221
	2	R100x35-150	SLU_12	203,42	5,01	-71,97	27,14	15,71	0,343
1131	1	R100x35-150	SLU_12	163,71	2,24	-140,35	27,14	15,71	0,560
1132	1	R100x35-150	SLU_12	140,71	3,12	-61,62	27,14	15,71	0,278
	2	R100x35-154	SLU_12	140,71	-1,18	-68,91	45,99	15,71	0,183
1133	1	R100x35-152	SLU_03	87,62	4,37	-307,56	45,99	15,71	0,679
	2	R100x35-153	SLU_03	80,72	3,03	155,74	27,14	21,99	0,705
	3	R100x35-152	SLU_03	80,72	-5,05	-298,63	45,99	15,71	0,659
1134	1	R100x35-152	SLU_03	70,00	-3,56	-301,36	45,99	15,71	0,662
	2	R100x35-153	SLU_03	70,00	2,92	155,56	27,14	21,99	0,699
	3	R100x35-152	SLU_03	78,84	1,60	-305,08	45,99	15,71	0,671
1135	1	R100x35-154	SLU_12	131,86	-0,65	-62,20	45,99	15,71	0,167
	2	R100x35-150	SLU_12	131,86	2,33	-72,11	27,14	15,71	0,310
1136	1	R100x35-150	SLU_12	161,16	2,34	-144,17	27,14	15,71	0,572
1137	1	R100x35-150	SLU_12	202,16	5,14	-61,92	27,14	15,71	0,308
	2	R100x35-154	SLU_12	202,16	-3,13	-91,20	45,99	15,71	0,247
1140	1	R100x35-125	SLU_12	109,29	-9,98	-101,54	47,75	21,24	0,237
	2	R100x35-119	SLU_12	109,29	18,30	-83,89	21,24	21,24	0,432
1141	1	R100x30-71	SLU_03	70,34	3,52	-159,53	21,99	15,71	0,861
	2	R100x30-72	SLU_03	70,34	0,91	79,34	15,71	15,71	0,602
	3	R100x30-71	SLU_03	70,34	5,54	-157,20	21,99	15,71	0,850
1142	1	R100x35-123	SLU_12	135,39	8,58	-71,52	22,62	21,24	0,370
	2	R100x35-142	SLU_12	135,39	7,05	-82,61	41,47	21,24	0,234
1143	1	R100x35-143	SLU_03	98,03	2,57	-350,01	41,47	21,24	0,848
	2	R100x35-122	SLU_03	100,30	4,90	176,19	22,62	27,52	0,649
	3	R100x35-143	SLU_03	100,30	7,12	-338,26	41,47	21,24	0,822
1144	1	R100x35-142	SLU_12	170,04	11,32	45,43	41,47	21,24	0,295
	2	R100x35-123	SLU_12	170,04	-2,13	74,84	22,62	21,24	0,422
	3	R100x35-144	SLU_03	107,65	-32,58	-217,50	22,62	21,24	0,956
1146	1	R100x35-146	SLU_03	102,98	-32,11	-222,10	28,90	21,24	0,776
	2	R100x35-123	SLU_12	165,43	-2,01	75,06	22,62	21,24	0,420

	3	R100x35-142	SLU_12	165,43	11,20	47,54	41,47	21,24	0,301
1147	1	R100x35-143	SLU_03	86,99	7,10	-341,15	41,47	21,24	0,826
	2	R100x35-122	SLU_03	86,99	4,60	175,92	22,62	27,52	0,642
	3	R100x35-143	SLU_03	87,88	2,34	-347,46	41,47	21,24	0,840
1148	1	R100x35-142	SLU_12	126,54	7,15	-70,66	41,47	21,24	0,203
	2	R100x35-123	SLU_12	126,54	7,66	-81,14	22,62	21,24	0,404
1149	1	R100x35-147	SLU_12	122,50	6,98	-160,67	22,62	21,24	0,728
1150	1	R100x35-123	SLU_12	109,08	18,09	-68,76	22,62	21,24	0,345
	2	R100x35-125	SLU_12	109,08	-9,79	-115,42	47,75	21,24	0,265
1152	1	R100x35-126	SLU_12	51,69	-19,38	-118,89	40,09	21,24	0,305
	2	R100x35-119	SLU_12	51,69	19,52	-78,97	21,24	21,24	0,379
1153	1	R100x35-129	SLU_12	84,61	8,81	-186,40	21,24	21,24	0,862
	2	R100x35-119	SLU_03	48,82	1,98	93,75	21,24	21,24	0,436
	3	R100x35-129	SLU_12	84,61	9,89	-173,36	21,24	21,24	0,806
1154	1	R100x35-119	SLU_12	102,96	13,57	-92,44	21,24	21,24	0,465
	2	R100x35-125	SLU_12	102,96	-18,28	-94,87	47,75	21,24	0,223
1156	1	R100x35-120	SLU_03	125,34	10,88	-215,82	47,75	21,24	0,476
	2	R100x35-119	SLU_12	198,16	-4,45	93,31	21,24	21,24	0,520
	3	R100x35-129	SLU_03	125,34	-14,59	-188,88	21,24	21,24	0,896
1157	1	R100x35-119	SLU_12	215,78	-4,08	60,56	21,24	21,24	0,387
	2	R100x35-118	SLU_12	215,78	6,12	-207,16	27,52	21,24	0,805
1158	1	R100x35-118	SLU_12	215,60	6,18	-206,79	27,52	21,24	0,804
	2	R100x35-119	SLU_12	215,60	-3,87	60,89	21,24	21,24	0,388
1159	1	R100x35-129	SLU_03	123,79	-14,99	-190,48	21,24	21,24	0,902
	2	R100x35-119	SLU_12	196,66	-4,58	93,02	21,24	21,24	0,518
	3	R100x35-120	SLU_03	123,79	11,06	-213,84	47,75	21,24	0,472
1160	1	R100x35-125	SLU_12	98,78	-18,14	-91,81	47,75	21,24	0,215
	2	R100x35-119	SLU_12	98,78	13,22	-92,28	21,24	21,24	0,461
1161	1	R100x35-129	SLU_12	79,17	9,86	-173,00	21,24	21,24	0,801
	2	R100x35-119	SLU_03	43,25	2,00	93,69	21,24	21,24	0,432
	3	R100x35-129	SLU_12	79,17	8,55	-186,18	21,24	21,24	0,858
1163	1	R50x35-15	SLU_12	-22,93	4,62	-30,02	9,42	9,42	0,269
1165	1	R50x35-15	SLU_12	-35,79	-4,90	-26,94	9,42	9,42	0,221
1167	1	R50x35-15	SLU_12	-38,58	2,76	-20,26	9,42	9,42	0,153
1169	1	R50x35-15	SLU_12	-32,94	1,81	-18,42	9,42	9,42	0,140
1171	1	R50x35-15	SLU_12	-39,44	3,79	21,27	9,42	9,42	0,161
1172	1	R50x35-18	SLU_12	-129,84	-1,08	-58,95	15,71	9,42	0,269
	2	R50x35-15	SLU_12	-182,04	0,35	18,60	9,42	9,42	0,093
	3	R50x35-19	SLU_12	-129,84	1,21	65,12	9,42	15,71	0,305
1173	1	R50x35-18	SLU_12	-134,23	1,30	-58,84	15,71	9,42	0,267
	2	R50x35-15	SLU_12	-183,00	-0,34	18,52	9,42	9,42	0,093
	3	R50x35-19	SLU_12	-134,23	-1,33	64,94	9,42	15,71	0,302
1175	1	R50x35-15	SLU_12	-39,72	-3,84	21,53	9,42	9,42	0,165
1177	1	R50x35-15	SLU_12	-33,18	2,20	-21,59	9,42	9,42	0,171
1179	1	R50x35-15	SLU_12	-40,62	3,05	-20,79	9,42	9,42	0,156
1181	1	R50x35-15	SLU_12	-34,65	4,77	-26,16	9,42	9,42	0,216
1183	1	R50x35-15	SLU_12	-22,12	6,13	-27,72	9,42	9,42	0,247
1186	1	R50x35-15	SLU_12	-48,94	-1,73	35,50	9,42	9,42	0,287
1187	1	R50x35-15	SLU_12	-33,50	1,35	38,20	9,42	9,42	0,330
1188	1	R50x35-15	SLU_12	-30,20	1,32	35,71	9,42	9,42	0,310

1189	1	R50x35-15	SLU_12	-38,06	0,57	35,45	9,42	9,42	0,298
1190	1	R50x35-15	SLU_12	-43,59	-0,01	27,81	9,42	9,42	0,216
1191	1	R50x35-15	SLU_12	-39,93	-0,57	35,70	9,42	9,42	0,298
1192	1	R50x35-15	SLU_12	-31,14	-1,31	35,57	9,42	9,42	0,309
1193	1	R50x35-15	SLU_12	-34,65	-1,31	37,78	9,42	9,42	0,326
1194	1	R50x35-15	SLU_12	-48,64	1,77	34,47	9,42	9,42	0,276
1195	1	R50x35-15	SLU_12	33,01	11,69	-48,99	9,42	9,42	0,531
1196	1	R50x35-15	SLU_12	7,98	5,61	-41,76	9,42	9,42	0,422
1197	1	R50x35-15	SLU_12	-1,58	3,95	-43,39	9,42	9,42	0,424
1198	1	R50x35-15	SLU_04	-8,64	-1,64	-43,07	9,42	9,42	0,408
1199	1	R50x35-15	SLU_12	-7,58	-2,11	-44,65	9,42	9,42	0,425
1200	1	R50x35-15	SLU_12	-5,07	-2,31	-51,32	9,42	9,42	0,494
1201	1	R50x35-15	SLU_12	-5,51	1,65	-52,32	9,42	9,42	0,503
1202	1	R50x35-15	SLU_12	-6,53	1,87	-47,34	9,42	9,42	0,453
1203	1	R50x35-15	SLU_12	-4,82	2,35	-44,73	9,42	9,42	0,431
1204	1	R50x35-15	SLU_12	-0,56	3,51	-42,53	9,42	9,42	0,416
1205	1	R50x35-15	SLU_12	8,45	4,64	-39,43	9,42	9,42	0,399
1206	1	R50x35-15	SLU_12	31,90	9,33	-44,30	9,42	9,42	0,481
1207	1	R50x80-97	SLU_12	-16,13	-11,82	-185,44	27,14	19,85	0,241
	2	R50x80-98	SLU_12	-16,13	26,51	-365,62	27,14	13,57	0,487
1208	1	R50x80-99	SLU_12	-75,16	27,97	204,76	13,57	19,85	0,329
	2	R50x80-91	SLU_12	-75,16	7,96	-172,50	13,57	13,57	0,385
	3	R50x80-100	SLU_12	-75,16	27,31	-398,86	22,62	13,57	0,599
1209	1	R50x80-101	SLU_12	-77,94	13,67	-290,98	18,10	15,33	0,526
	2	R50x80-102	SLU_12	-77,94	26,47	-470,06	24,38	9,05	0,669
1210	1	R50x80-77	SLU_12	-91,38	-20,31	267,24	13,57	18,47	0,462
	2	R50x80-78	SLU_12	-91,38	11,83	-341,11	19,85	18,47	0,562
	3	R50x80-79	SLU_12	-91,38	22,54	-543,89	26,14	12,19	0,717
1211	1	R50x80-77	SLU_12	-103,72	-17,52	296,92	13,57	18,47	0,512
	2	R50x80-78	SLU_12	-103,72	9,98	-357,86	19,85	18,47	0,584
	3	R50x80-79	SLU_12	-103,72	19,14	-576,12	26,14	12,19	0,754
1212	1	R50x80-77	SLU_12	-99,26	-9,08	304,28	13,57	18,47	0,527
	2	R50x80-78	SLU_12	-99,26	5,63	-358,92	19,85	18,47	0,586
	3	R50x80-79	SLU_12	-99,26	10,53	-579,99	26,14	12,19	0,759
1213	1	R50x80-57	SLU_12	-81,17	0,27	59,96	15,71	15,71	0,076
	2	R50x80-58	SLU_12	-81,17	-0,32	-278,55	15,71	9,42	0,568
1214	1	R50x80-77	SLU_12	-101,71	9,56	305,86	13,57	18,47	0,526
	2	R50x80-78	SLU_12	-101,71	-5,87	-360,80	19,85	18,47	0,587
	3	R50x80-79	SLU_12	-101,71	-11,02	-583,02	26,14	12,19	0,761
1215	1	R50x80-77	SLU_12	-105,54	-8,86	298,91	13,57	18,47	0,512
	2	R50x80-78	SLU_12	-105,54	4,99	-360,76	19,85	18,47	0,585
	3	R50x80-79	SLU_12	-105,54	-19,68	-580,64	26,14	12,19	0,757
1216	1	R50x80-77	SLU_12	-95,94	-16,35	267,45	13,57	18,47	0,460
	2	R50x80-78	SLU_12	-95,94	9,49	-341,61	19,85	18,47	0,559
	3	R50x80-79	SLU_12	-95,94	18,10	-544,63	26,14	12,19	0,714
1217	1	R50x80-75	SLU_12	-81,06	12,61	-291,29	16,71	15,33	0,566
	2	R50x80-76	SLU_12	-81,06	23,59	-470,52	23,00	9,05	0,703
1218	1	R50x80-72	SLU_12	-76,32	-27,42	204,50	13,57	18,47	0,351
	2	R50x80-73	SLU_12	-76,32	9,21	-171,51	13,57	12,19	0,382
	3	R50x80-103	SLU_12	-76,32	31,18	-397,12	22,62	12,19	0,601

1219	1	R50x80-97	SLU_12	-14,85	11,63	-179,46	27,14	19,85	0,233
	2	R50x80-98	SLU_12	-14,85	36,98	-350,76	27,14	13,57	0,466
1220	1	R70x30-8	SLU_12	41,54	1,77	-49,28	12,57	12,57	0,474
1221	1	R50x35-15	SLU_03	-47,67	-2,21	49,61	9,42	9,42	0,426
1222	1	R50x35-14	SLU_12	-34,36	-1,31	20,81	6,28	6,28	0,230
1223	1	R50x35-14	SLU_12	-35,83	1,29	20,91	6,28	6,28	0,228
1224	1	R50x35-15	SLU_03	-46,42	-3,22	51,04	9,42	9,42	0,443
1228	1	R50x35-15	SLU_12	68,45	-2,39	-17,19	9,42	9,42	0,255
1229	1	R50x35-15	SLU_12	68,23	1,79	-17,45	9,42	9,42	0,260
1230	1	R50x35-20	SLU_12	112,01	-17,72	-11,15	15,71	15,71	0,171
	2	R50x35-19	SLU_12	112,01	5,73	-4,38	9,42	15,71	0,190
	3	R50x35-20	SLU_12	112,01	11,86	9,17	15,71	15,71	0,148
1231	1	R50x35-21	SLU_12	84,68	18,38	-14,63	12,57	12,57	0,202
	2	R50x35-17	SLU_12	84,68	6,06	-5,63	6,28	12,57	0,244
	3	R50x35-21	SLU_12	84,68	-18,59	12,36	12,57	12,57	0,190
1232	1	R50x35-21	SLU_12	84,44	-18,76	-13,99	12,57	12,57	0,199
	2	R50x35-14	SLU_12	84,44	6,13	-5,35	6,28	6,28	0,249
	3	R50x35-21	SLU_12	84,44	18,90	11,93	12,57	12,57	0,192
1233	1	R50x35-20	SLU_12	113,38	17,49	-10,78	15,71	15,71	0,170
	2	R50x35-15	SLU_12	113,38	7,76	-4,28	9,42	9,42	0,203
	3	R50x35-20	SLU_12	113,38	-11,70	8,72	15,71	15,71	0,147
1234	1	R50x35-20	SLU_12	3,13	7,46	-22,16	15,71	15,71	0,140
	2	R50x35-15	SLU_12	3,13	-1,55	16,57	9,42	9,42	0,166
	3	R50x35-20	SLU_12	3,13	-6,06	34,14	15,71	15,71	0,213
1235	1	R50x35-20	SLU_12	5,85	-7,42	-22,83	15,71	15,71	0,146
	2	R50x35-15	SLU_12	5,85	1,53	16,89	9,42	9,42	0,173
	3	R50x35-20	SLU_12	5,85	6,01	35,16	15,71	15,71	0,220
1236	1	R50x50-3	SLU_12	2,56	-9,57	-99,08	12,57	12,57	0,484
1237	1	R50x50-3	SLU_12	60,89	-10,40	-91,12	12,57	12,57	0,502
1238	1	R50x50-3	SLU_12	58,14	-10,31	-88,22	12,57	12,57	0,485
1239	1	R50x50-3	SLU_12	1,93	-9,48	-99,00	12,57	12,57	0,483
1240	1	R50x80-65	SLU_12	51,32	16,58	-180,51	18,85	18,85	0,380
1242	1	R50x80-65	SLU_12	101,45	7,69	-118,52	18,85	18,85	0,294
	2	R50x80-67	SLU_12	101,45	1,32	40,30	12,57	18,85	0,144
	3	R50x80-65	SLU_12	101,45	8,06	-78,77	18,85	18,85	0,219
1244	1	R50x80-57	SLU_12	194,15	6,86	-79,61	15,71	15,71	0,339
	2	R50x80-56	SLU_12	194,15	1,18	54,83	9,42	15,71	0,282
	3	R50x80-57	SLU_12	194,15	2,63	-122,95	15,71	15,71	0,436
1245	1	R50x80-104	SLU_12	240,71	-1,73	136,26	18,47	15,71	0,502
1246	1	R50x80-104	SLU_12	273,39	-0,16	143,95	18,47	15,71	0,545
	2	R50x80-105	SLU_12	273,39	0,10	-393,37	18,47	9,42	0,948
1247	1	R50x80-105	SLU_12	273,15	-0,67	-394,12	18,47	9,42	0,949
	2	R50x80-104	SLU_12	273,15	-0,05	145,84	18,47	15,71	0,549
1248	1	R50x80-104	SLU_12	240,55	-1,72	137,15	18,47	15,71	0,504
1249	1	R50x80-106	SLU_12	194,31	2,36	-120,18	21,61	18,85	0,314
	2	R50x80-107	SLU_12	194,31	0,01	54,75	15,33	18,85	0,234
	3	R50x80-106	SLU_12	194,31	6,90	-81,52	21,61	18,85	0,250
1251	1	R50x80-65	SLU_12	102,16	7,96	-77,42	18,85	18,85	0,217
	2	R50x80-67	SLU_12	102,16	1,29	41,39	12,57	18,85	0,147
	3	R50x80-65	SLU_12	102,16	7,76	-117,13	18,85	18,85	0,292

1253	1	R50x80-65	SLU_12	47,84	16,31	-180,78	18,85	18,85	0,379
1254	1	R100x35-150	SLU_12	570,88	-13,77	-188,34	27,14	15,71	0,912
	2	R100x35-151	SLU_12	570,88	6,85	60,99	45,99	21,99	0,569
1255	1	R100x35-118	SLU_12	-31,32	-53,29	-232,52	27,52	21,24	0,794
	2	R100x35-119	SLU_03	-36,52	2,18	118,63	21,24	21,24	0,497
	3	R100x35-120	SLU_12	-31,32	41,86	-170,27	47,75	21,24	0,352
1256	1	R80x35-14	SLU_03	-24,14	9,90	-132,00	15,71	15,71	0,759
1257	1	R80x35-14	SLU_03	-24,03	9,64	-129,61	15,71	15,71	0,745
1258	1	R100x35-154	SLU_12	579,15	7,07	57,13	45,99	15,71	0,750
	2	R100x35-150	SLU_12	579,15	-14,46	-183,79	27,14	15,71	0,900
1259	1	R100x35-120	SLU_12	-32,90	41,97	-177,25	47,75	21,24	0,366
	2	R100x35-123	SLU_03	-37,24	2,43	116,00	22,62	21,24	0,485
	3	R100x35-146	SLU_12	-32,90	-52,96	-227,03	28,90	21,24	0,739
1260	1	R50x35-15	SLU_12	-14,43	-0,03	55,05	9,42	9,42	0,516
1261	1	R50x30-19	SLU_03	-6,58	0,12	50,67	9,42	9,42	0,591
1262	1	R100x35-154	SLU_12	109,46	9,71	30,34	45,99	15,71	0,256
	2	R100x35-150	SLU_03	62,13	-14,70	-153,50	27,14	15,71	0,564
1263	1	R100x35-150	SLU_03	60,38	-13,72	-154,43	27,14	15,71	0,566
	2	R100x35-151	SLU_03	60,38	14,44	-95,66	45,99	21,99	0,221
1264	1	R100x35-119	SLU_03	14,59	3,75	142,04	21,24	21,24	0,627
1265	1	R100x35-121	SLU_03	91,96	-8,67	-417,46	47,75	21,24	0,882
	2	R100x35-122	SLU_03	91,96	6,78	212,82	22,62	27,52	0,771
1266	1	R100x35-78	SLU_03	93,67	8,34	153,26	22,62	21,24	0,722
	2	R100x35-124	SLU_03	93,67	-5,50	-438,64	47,75	27,52	0,924
1267	1	R100x35-119	SLU_12	46,55	19,40	-72,03	21,24	21,24	0,346
	2	R100x35-126	SLU_12	46,55	-19,28	-125,64	40,09	21,24	0,320
1268	1	R100x35-132	SLU_03	15,46	-16,69	-335,43	40,09	21,24	0,819
	2	R100x35-119	SLU_03	15,46	3,88	-126,15	21,24	21,24	0,559
1270	1	R70x30-10	SLU_12	49,70	-0,81	-54,96	12,57	12,57	0,530
1271	1	R70x30-10	SLU_12	77,58	3,52	-57,98	12,57	12,57	0,586
	2	R70x30-11	SLU_12	77,58	2,40	-51,96	18,85	12,57	0,369
1273	1	R70x30-11	SLU_12	76,77	2,37	-51,52	18,85	12,57	0,366
	2	R70x30-10	SLU_12	76,77	3,55	-58,05	12,57	12,57	0,586
1274	1	R70x30-8	SLU_12	48,81	-0,86	-53,86	12,57	12,57	0,520
1276	1	R70x30-8	SLU_12	39,90	1,80	-49,69	12,57	12,57	0,476
1278	1	R70x30-9	SLU_12	106,25	4,25	-58,36	15,71	15,71	0,504
1279	1	R70x30-8	SLU_12	66,81	5,97	-48,55	12,57	12,57	0,495
1280	1	R50x30-19	SLU_04	3,13	1,46	-55,69	9,42	9,42	0,665
1281	1	R50x30-19	SLU_04	3,00	1,25	-55,33	9,42	9,42	0,660
1282	1	R80x30-18	SLU_12	230,50	11,10	-132,51	28,90	15,71	0,641
	2	R80x30-17	SLU_12	230,50	-12,74	43,50	22,62	15,71	0,487
	3	R80x30-18	SLU_12	230,50	-16,71	34,65	28,90	15,71	0,424
1284	1	R80x35-14	SLU_12	-21,87	33,56	-19,72	15,71	15,71	0,120
1285	1	R80x30-18	SLU_12	160,36	4,25	-31,44	28,90	15,71	0,198
	2	R80x30-17	SLU_12	160,36	2,54	-31,14	22,62	15,71	0,247
1286	1	R80x30-17	SLU_12	129,26	2,80	-73,73	22,62	15,71	0,448
1287	1	R80x30-17	SLU_12	97,56	5,60	-29,41	22,62	15,71	0,205
	2	R80x30-18	SLU_12	97,56	4,05	-32,16	28,90	15,71	0,174
1289	1	R80x30-18	SLU_12	17,01	-15,03	26,25	28,90	15,71	0,205
	2	R80x30-17	SLU_04	1,09	1,61	-124,57	22,62	15,71	0,640

1291	1	R80x35-14	SLU_12	-22,24	-34,25	-20,14	15,71	15,71	0,123
1292	1	R80x30-17	SLU_04	-3,61	1,62	-123,88	22,62	15,71	0,634
	2	R80x30-18	SLU_12	9,94	-14,98	25,80	28,90	15,71	0,196
1293	1	R50x35-22	SLU_12	54,17	-5,64	65,48	13,57	26,14	0,273
	2	R50x35-23	SLU_12	54,17	3,43	-95,86	13,57	13,57	0,716
	3	R50x35-39	SLU_06	48,19	5,89	-169,89	22,62	13,57	0,761
1294	1	R50x35-19	SLU_12	49,18	-2,78	38,06	9,42	15,71	0,271
	2	R50x35-15	SLU_12	49,18	-0,32	-59,17	9,42	9,42	0,636
	3	R50x35-18	SLU_12	49,18	-2,23	-107,79	15,71	9,42	0,693
1307	1	R80x80-19	SLU_04	50,79	-11,60	531,61	27,14	27,14	0,726
	2	R80x80-20	SLU_04	50,79	-37,37	1080,73	27,14	54,29	0,738
1308	1	R80x80-21	SLU_04	-1,03	-11,91	1155,20	27,14	54,29	0,775
	2	R80x80-22	SLU_04	-1,03	-4,44	341,86	27,14	27,14	0,451
	3	R80x80-23	SLU_12	18,94	12,21	-978,00	45,24	27,14	0,788
1309	1	R50x35-15	SLU_12	-3,69	-7,41	43,25	9,42	9,42	0,425
1310	1	R50x35-15	SLU_12	-1,43	5,87	-44,67	9,42	9,42	0,439
1311	1	R60x80-44	SLU_04	-1,04	-1,81	368,54	21,24	21,24	0,621
1312	1	R50x35-15	SLU_12	4,69	5,34	-47,33	9,42	9,42	0,472
1313	1	R60x80-44	SLU_04	-4,88	-1,78	302,75	21,24	21,24	0,508
	2	R60x80-49	SLU_04	-4,88	-6,76	540,06	21,24	27,52	0,703
1314	1	R50x35-15	SLU_12	9,29	5,04	-42,12	9,42	9,42	0,426
1315	1	R50x35-15	SLU_12	-2,69	2,66	-42,66	9,42	9,42	0,414
1316	1	R40x35-2	SLU_12	-4,14	-5,33	-39,66	12,19	12,19	0,308
1317	1	R40x35-2	SLU_12	-6,50	5,29	-39,89	12,19	12,19	0,308
1318	1	R50x35-15	SLU_12	-3,20	2,43	-42,35	9,42	9,42	0,410
1319	1	R50x35-15	SLU_12	9,46	4,58	-45,03	9,42	9,42	0,454
1320	1	R50x35-15	SLU_12	5,15	5,11	-48,37	9,42	9,42	0,482
1321	1	R50x35-15	SLU_12	-1,33	6,21	-43,56	9,42	9,42	0,429
1322	1	R50x35-15	SLU_12	0,36	-8,48	40,79	9,42	9,42	0,407
1323	1	R80x80-19	SLU_04	37,48	-10,00	522,50	27,14	27,14	0,708
	2	R80x80-20	SLU_04	37,48	37,71	1073,43	27,14	54,29	0,729
1324	1	R80x80-21	SLU_04	-18,83	-9,84	1139,79	27,14	54,29	0,760
	2	R80x80-22	SLU_04	-18,83	-2,53	337,91	27,14	27,14	0,437
	3	R80x80-23	SLU_12	-11,75	13,23	-966,43	45,24	27,14	0,771
1325	1	R50x35-19	SLU_12	45,14	-3,75	38,37	9,42	15,71	0,271
	2	R50x35-15	SLU_12	45,14	0,51	-59,22	9,42	9,42	0,633
	3	R50x35-18	SLU_12	45,14	2,64	-108,01	15,71	9,42	0,692
1327	1	R50x35-30	SLU_12	51,82	5,67	65,01	12,19	26,14	0,270
	2	R50x35-31	SLU_12	51,82	-3,39	-95,76	12,19	13,57	0,787
	3	R50x35-32	SLU_06	46,39	-5,83	-169,40	24,76	13,57	0,696
1328	1	R50x35-34	SLU_12	21,00	-3,32	83,30	9,05	15,33	0,536
	2	R50x35-35	SLU_12	21,00	2,85	-108,91	15,33	9,05	0,694
	3	R50x35-36	SLU_12	21,00	5,31	-185,79	21,61	9,05	0,854
1329	1	R60x80-45	SLU_04	-11,74	-2,22	394,86	21,24	27,52	0,510
	2	R60x80-46	SLU_12	-9,43	0,71	-230,60	21,24	21,24	0,383
	3	R60x80-47	SLU_12	-9,43	2,67	-631,86	27,52	21,24	0,821
1330	1	R60x80-45	SLU_04	-19,93	-6,64	570,21	21,24	27,52	0,736
	2	R60x80-46	SLU_04	-19,93	-3,98	150,18	21,24	21,24	0,242
	3	R60x80-47	SLU_12	-17,75	11,83	-565,63	27,52	21,24	0,732
1331	1	R60x80-61	SLU_04	1,26	-4,54	446,19	21,24	21,24	0,754

1331	2	R60x80-62	SLU_04	1,26	-8,91	663,94	21,24	33,80	0,712
	1	R60x80-63	SLU_04	-26,87	-8,82	736,43	21,24	33,80	0,779
1332	2	R60x80-64	SLU_04	-26,87	-2,19	184,04	21,24	21,24	0,295
	3	R60x80-65	SLU_12	-20,08	14,02	-706,73	33,80	21,24	0,751
	1	R60x80-50	SLU_12	9,79	15,55	-602,18	27,52	22,62	0,792
1333	2	R60x80-51	SLU_04	-4,16	-7,26	457,27	21,24	22,62	0,723
	3	R60x80-52	SLU_04	-4,16	-17,53	954,87	21,24	47,75	0,742
	1	R80x30-18	SLU_12	104,01	4,01	-29,79	28,90	15,71	0,167
1334	2	R80x30-17	SLU_12	104,01	5,75	-32,04	22,62	15,71	0,222
	1	R80x80-24	SLU_12	71,66	13,97	-305,79	21,24	22,62	0,558
1335	2	R80x80-25	SLU_04	35,36	2,47	568,29	21,24	28,90	0,719
	3	R80x80-26	SLU_04	35,36	4,82	846,61	21,24	41,47	0,747
1336	1	R80x30-17	SLU_12	136,38	4,18	-75,54	22,62	15,71	0,461
	1	R80x80-27	SLU_04	9,81	4,46	907,72	21,24	40,09	0,819
1337	2	R80x80-28	SLU_04	9,81	5,53	337,18	21,24	21,24	0,570
	3	R80x80-29	SLU_12	46,23	10,41	-601,65	27,52	21,24	0,805
	1	R60x80-50	SLU_12	7,70	-15,53	-603,47	27,52	22,62	0,792
1338	2	R60x80-51	SLU_04	-6,17	7,21	456,71	21,24	22,62	0,720
	3	R60x80-52	SLU_04	-6,17	17,49	954,71	21,24	47,75	0,739
	1	R80x30-17	SLU_12	167,88	2,53	-25,25	22,62	15,71	0,222
1339	2	R80x30-18	SLU_12	167,88	4,40	-38,07	28,90	15,71	0,228
	1	R80x80-24	SLU_12	71,00	17,84	-303,52	21,24	22,62	0,554
1340	2	R80x80-25	SLU_04	34,76	-2,22	568,27	21,24	28,90	0,719
	3	R80x80-26	SLU_04	34,76	-4,37	844,91	21,24	41,47	0,746
	1	R80x80-27	SLU_04	8,93	-4,00	906,48	21,24	40,09	0,818
1341	2	R80x80-28	SLU_04	8,93	-5,48	336,03	21,24	21,24	0,569
	3	R80x80-29	SLU_12	45,31	6,12	-602,82	27,52	21,24	0,805
	1	R60x80-61	SLU_04	1,34	4,69	445,65	21,24	21,24	0,751
1342	2	R60x80-62	SLU_04	1,34	9,19	663,15	21,24	33,80	0,710
	1	R60x80-63	SLU_04	-26,86	9,10	735,80	21,24	33,80	0,777
1343	2	R60x80-64	SLU_04	-26,86	2,21	183,55	21,24	21,24	0,293
	3	R60x80-65	SLU_12	-20,05	-14,39	-707,20	33,80	21,24	0,750
	1	R60x80-44	SLU_04	-4,20	1,90	303,19	21,24	21,24	0,508
1344	2	R60x80-49	SLU_04	-4,20	7,01	538,01	21,24	27,52	0,701
	1	R60x80-45	SLU_04	-19,34	6,90	568,20	21,24	27,52	0,733
1345	2	R60x80-46	SLU_04	-19,34	-2,85	149,40	21,24	21,24	0,241
	3	R60x80-47	SLU_12	-16,86	-12,58	-565,03	27,52	21,24	0,731
1346	1	R60x80-44	SLU_04	1,56	2,20	369,11	21,24	21,24	0,623
	1	R60x80-45	SLU_04	-9,48	2,72	400,70	21,24	27,52	0,519
1347	2	R60x80-46	SLU_12	-5,64	0,59	-225,94	21,24	21,24	0,377
	3	R60x80-47	SLU_12	-5,64	-1,87	-628,92	27,52	21,24	0,818
	1	R50x35-34	SLU_12	37,86	-4,45	84,09	9,05	15,33	0,555
1348	2	R50x35-35	SLU_12	37,86	3,14	-108,93	15,33	9,05	0,708
	3	R50x35-36	SLU_12	37,86	6,18	-186,14	21,61	9,05	0,865
1349	1	R80x35-19	SLU_12	849,88	22,63	-165,30	27,14	22,62	0,978
	1	R80x35-22	SLU_12	619,43	13,23	-79,65	33,43	22,62	0,465
1351	2	R80x35-19	SLU_12	619,43	12,05	-65,28	27,14	22,62	0,517
1352	1	R80x35-19	SLU_12	566,93	8,32	-95,52	27,14	22,62	0,597
	1	R80x35-19	SLU_12	519,99	9,25	-52,24	27,14	22,62	0,424
1353	2	R80x35-22	SLU_12	519,99	4,64	-63,54	33,43	22,62	0,378

1355	1	R80x35-22	SLU_12	324,04	-14,23	35,45	33,43	22,62	0,327
	2	R80x35-19	SLU_12	324,04	6,61	-124,64	27,14	22,62	0,587
1356	1	R80x35-15	SLU_12	317,69	6,15	-124,02	27,14	18,10	0,582
	2	R80x35-16	SLU_12	317,69	-14,13	35,03	33,43	18,10	0,398
1358	1	R80x35-16	SLU_12	519,18	-1,54	13,74	33,43	18,10	0,411
	2	R80x35-15	SLU_12	519,18	9,38	-57,16	27,14	18,10	0,441
1359	1	R80x35-15	SLU_12	566,06	8,21	-98,57	27,14	18,10	0,607
1360	1	R80x35-15	SLU_12	619,17	-10,06	25,03	27,14	18,10	0,543
	2	R80x35-16	SLU_12	619,17	-9,18	18,20	33,43	18,10	0,506
1362	1	R80x35-15	SLU_12	855,72	22,50	-161,84	27,14	18,10	0,967
1364	1	R80x35-13	SLU_12	136,05	14,00	-93,04	12,57	12,57	0,810
1365	1	R100x35-64	SLU_12	330,25	40,34	-198,57	28,90	15,71	0,800
	2	R100x35-65	SLU_12	330,25	-2,41	94,22	22,62	15,71	0,784
	3	R100x35-66	SLU_12	330,25	-2,90	90,45	35,19	15,71	0,760
1367	1	R100x35-66	SLU_12	523,76	-19,70	27,17	35,19	15,71	0,551
	2	R100x35-65	SLU_12	523,76	21,25	-82,91	22,62	15,71	0,632
1368	1	R100x35-65	SLU_12	535,49	18,47	-123,76	22,62	15,71	0,805
1369	1	R100x35-65	SLU_12	548,47	17,93	-63,22	22,62	15,71	0,563
	2	R100x35-66	SLU_12	548,47	-7,57	7,93	35,19	15,71	0,451
1371	1	R100x35-66	SLU_12	593,61	-17,62	47,59	35,19	15,71	0,717
	2	R100x35-65	SLU_12	593,61	-7,76	-158,85	22,62	15,71	0,971
1373	1	R100x35-65	SLU_12	592,90	-8,33	-158,31	22,62	15,71	0,968
	2	R100x35-66	SLU_12	592,90	-17,48	47,14	35,19	15,71	0,714
1374	1	R100x35-67	SLU_12	607,11	4,13	-216,47	35,19	15,71	0,802
	2	R100x35-68	SLU_12	607,11	-6,46	113,25	22,62	21,99	0,810
	3	R100x35-67	SLU_12	569,69	12,56	-234,09	35,19	15,71	0,838
1375	1	R100x35-66	SLU_12	548,90	-7,61	13,43	35,19	15,71	0,482
	2	R100x35-65	SLU_12	548,90	18,07	-71,20	22,62	15,71	0,596
1376	1	R100x35-65	SLU_12	535,12	18,47	-125,48	22,62	15,71	0,811
1377	1	R100x35-65	SLU_12	522,60	20,99	-76,07	22,62	15,71	0,604
	2	R100x35-66	SLU_12	522,60	-10,94	23,22	35,19	15,71	0,521
1379	1	R100x35-66	SLU_12	330,81	-1,78	86,40	35,19	15,71	0,736
	2	R100x35-65	SLU_12	330,81	-3,20	91,20	22,62	15,71	0,767
	3	R100x35-64	SLU_12	330,81	39,19	-194,01	28,90	15,71	0,785
1380	1	R80x35-13	SLU_12	135,37	13,97	-91,12	12,57	12,57	0,796
1383	1	R100x35-149	SLU_12	345,03	12,41	-127,69	28,90	15,71	0,569
	2	R100x35-148	SLU_12	345,03	-12,23	47,65	22,62	15,71	0,535
1384	1	R100x35-148	SLU_12	412,81	15,65	-127,08	22,62	15,71	0,751
1385	1	R100x35-148	SLU_12	452,79	13,13	-117,98	22,62	15,71	0,733
1387	1	R100x35-65	SLU_12	543,69	20,03	-139,24	22,62	15,71	0,873
1389	1	R100x35-65	SLU_12	543,07	19,93	-148,69	22,62	15,71	0,912
1391	1	R100x35-148	SLU_12	453,25	13,00	-116,58	22,62	15,71	0,728
1392	1	R100x35-148	SLU_12	414,04	15,55	-127,27	22,62	15,71	0,752
1393	1	R100x35-148	SLU_12	344,27	-10,74	49,58	22,62	15,71	0,544
	2	R100x35-149	SLU_12	344,27	12,27	-129,23	28,90	15,71	0,574
1394	1	R100x35-149	SLU_12	238,04	18,33	-206,21	28,90	15,71	0,780
	2	R100x35-148	SLU_12	238,04	1,71	-98,81	22,62	15,71	0,533
1395	1	R100x35-148	SLU_12	189,94	-7,20	78,17	22,62	15,71	0,592
1396	1	R50x80-57	SLU_12	26,67	-29,72	-226,68	15,71	15,71	0,540
1397	1	R50x80-65	SLU_12	38,23	0,49	-204,61	18,85	18,85	0,414

1397	2	R50x80-66	SLU_12	38,23	1,15	-258,24	18,85	12,57	0,517
1398	1	R50x80-65	SLU_12	67,61	6,48	-229,79	18,85	18,85	0,483
	2	R50x80-67	SLU_12	67,61	0,83	248,05	12,57	18,85	0,516
1399	1	R50x80-67	SLU_12	114,94	-5,09	162,87	12,57	18,85	0,388
	2	R50x80-65	SLU_12	114,94	-4,48	137,37	18,85	18,85	0,339
	3	R50x80-81	SLU_12	114,94	1,88	-376,42	18,85	6,28	0,793
1401	1	R50x80-82	SLU_12	237,33	6,77	-167,30	18,10	18,10	0,499
1403	1	R50x80-82	SLU_12	210,70	5,91	-140,37	18,10	18,10	0,427
	2	R50x80-83	SLU_12	210,70	-1,64	107,87	9,05	18,10	0,360
	3	R50x80-82	SLU_12	210,70	0,54	-126,26	18,10	18,10	0,396
1404	1	R80x30-18	SLU_12	239,66	-16,73	31,46	28,90	15,71	0,408
	2	R80x30-17	SLU_12	239,66	11,35	-127,25	22,62	15,71	0,785
1405	1	R80x30-26	SLU_12	12,37	8,59	-56,32	12,57	12,57	0,508
1406	1	R100x30-73	SLU_12	80,82	22,69	-133,91	18,85	12,57	0,855
	2	R100x30-74	SLU_12	80,82	-14,02	53,95	12,57	12,57	0,541
	3	R100x30-75	SLU_12	80,82	-12,48	41,31	25,13	12,57	0,425
1408	1	R50x80-82	SLU_12	211,04	0,46	-128,33	18,10	18,10	0,400
	2	R50x80-83	SLU_12	211,04	-1,66	106,09	9,05	18,10	0,357
	3	R50x80-82	SLU_12	211,04	6,02	-141,61	18,10	18,10	0,429
1410	1	R50x80-65	SLU_12	238,31	7,46	-166,18	18,85	18,85	0,478
1412	1	R50x80-81	SLU_12	108,18	0,20	-374,99	18,85	6,28	0,784
	2	R50x80-65	SLU_12	108,18	-7,32	157,15	18,85	18,85	0,372
1413	1	R50x80-57	SLU_12	45,57	1,44	239,48	15,71	15,71	0,580
1414	1	R50x80-57	SLU_12	37,75	0,15	-252,44	15,71	15,71	0,603
	2	R50x80-58	SLU_12	37,75	0,71	-203,61	15,71	9,42	0,493
1415	1	R50x80-57	SLU_06	20,59	-19,77	-228,11	15,71	15,71	0,537
1416	1	R60x80-53	SLU_04	-29,86	-17,95	1015,57	21,24	47,75	0,783
	2	R60x80-54	SLU_04	-29,86	-5,77	335,61	21,24	22,62	0,516
	3	R60x80-55	SLU_12	-16,36	28,33	-756,76	33,80	22,62	0,808
1417	1	R50x80-113	SLU_12	249,89	7,25	-129,95	22,62	18,10	0,348
	2	R50x80-114	SLU_12	249,89	-1,17	-288,16	21,24	18,10	0,638
1419	1	R50x80-118	SLU_12	250,37	-1,16	-292,42	21,24	18,10	0,645
	2	R50x80-113	SLU_12	250,37	7,26	-135,60	22,62	18,10	0,357
1420	1	R60x80-53	SLU_04	-31,83	17,89	1015,16	21,24	47,75	0,780
	2	R60x80-54	SLU_04	-31,83	-2,91	335,58	21,24	22,62	0,515
	3	R60x80-55	SLU_12	-18,35	-28,12	-755,61	33,80	22,62	0,803
1421	1	R100x30-75	SLU_12	107,74	9,60	-39,54	25,13	12,57	0,236
	2	R100x30-74	SLU_12	107,74	4,22	-40,53	12,57	12,57	0,444
1422	1	R100x30-74	SLU_12	109,44	7,85	-93,13	12,57	12,57	0,894
1423	1	R100x30-74	SLU_12	119,97	9,14	-36,79	12,57	12,57	0,430
	2	R100x30-78	SLU_12	119,97	3,94	-46,92	31,42	12,57	0,222
1425	1	R100x30-78	SLU_12	163,43	-15,26	27,46	31,42	12,57	0,382
	2	R100x30-74	SLU_12	163,43	-8,06	44,02	12,57	12,57	0,529
	3	R100x30-75	SLU_12	163,43	9,95	-150,43	25,13	12,57	0,768
1427	1	R100x30-75	SLU_12	164,34	9,39	-150,65	25,13	12,57	0,769
	2	R100x30-74	SLU_12	164,34	-8,25	43,98	12,57	12,57	0,530
	3	R100x30-78	SLU_12	164,34	-15,31	27,50	31,42	12,57	0,384
1429	1	R100x30-78	SLU_12	121,67	3,96	-35,67	31,42	12,57	0,181
	2	R100x30-74	SLU_12	121,67	9,41	-32,53	12,57	12,57	0,396
1430	1	R100x30-74	SLU_12	111,07	8,10	-95,32	12,57	12,57	0,914

1431	1	R100x30-74	SLU_12	109,11	4,17	-32,80	12,57	12,57	0,380
	2	R100x30-78	SLU_12	109,11	9,86	-54,22	31,42	12,57	0,246
1433	1	R100x30-75	SLU_12	81,28	-12,60	35,75	25,13	12,57	0,379
	2	R100x30-74	SLU_12	81,28	-15,86	51,44	12,57	12,57	0,521
	3	R100x30-73	SLU_12	81,28	23,71	-126,74	18,85	12,57	0,813
1434	1	R80x30-26	SLU_12	13,14	9,22	-53,74	12,57	12,57	0,487
1436	1	R100x30-67	SLU_04	10,69	-2,80	-31,11	15,71	15,71	0,225
1437	1	R100x30-67	SLU_04	19,33	3,04	-74,53	15,71	15,71	0,533
1438	1	R100x30-67	SLU_12	50,45	3,92	-33,97	15,71	15,71	0,275
	2	R100x30-82	SLU_04	33,85	1,93	-32,35	21,99	15,71	0,186
1440	1	R100x30-82	SLU_04	50,28	5,72	-74,54	21,99	15,71	0,414
	2	R100x30-67	SLU_12	79,08	-2,22	33,78	15,71	15,71	0,295
	3	R100x30-68	SLU_04	50,28	5,02	-108,75	28,27	15,71	0,468
1442	1	R100x30-68	SLU_04	49,75	4,87	-108,67	28,27	15,71	0,468
	2	R100x30-67	SLU_12	78,07	-2,45	33,80	15,71	15,71	0,294
	3	R100x30-82	SLU_04	49,75	5,85	-74,56	21,99	15,71	0,413
1444	1	R100x30-82	SLU_12	48,25	3,34	-21,85	21,99	15,71	0,140
	2	R100x30-67	SLU_12	48,25	4,09	-27,12	15,71	15,71	0,226
1445	1	R100x30-67	SLU_04	17,68	3,15	-75,19	15,71	15,71	0,537
1446	1	R100x30-67	SLU_04	12,45	-2,75	-27,82	15,71	15,71	0,203
	2	R100x30-82	SLU_04	12,45	2,89	-37,73	21,99	15,71	0,202
1460	1	R50x30-21	SLU_12	41,88	-2,39	8,98	6,28	6,28	0,238
1461	1	R50x30-19	SLU_04	5,00	1,75	-35,18	9,42	9,42	0,425
1462	1	R50x30-19	SLU_04	2,71	1,30	-31,77	9,42	9,42	0,381
1463	1	R50x30-19	SLU_04	3,52	1,05	-26,67	9,42	9,42	0,322
1464	1	R50x30-19	SLU_12	12,68	-1,55	23,81	9,42	9,42	0,300
1465	1	R50x30-19	SLU_12	34,63	1,18	-16,94	9,42	9,42	0,245
1466	1	R50x30-22	SLU_12	40,82	2,77	-25,77	15,33	15,33	0,230
	2	R50x30-23	SLU_12	40,82	1,09	-6,50	9,05	9,05	0,136
	3	R50x30-24	SLU_12	40,82	-1,71	25,63	9,05	15,33	0,228
1467	1	R50x30-19	SLU_12	123,00	-0,07	32,03	9,42	9,42	0,531
1468	1	R50x30-19	SLU_04	2,39	0,11	23,95	9,42	9,42	0,286
1469	1	R50x30-22	SLU_12	36,90	2,85	-26,31	15,33	15,33	0,231
	2	R50x30-23	SLU_12	36,90	1,10	-6,64	9,05	9,05	0,132
	3	R50x30-24	SLU_12	36,90	-1,80	26,14	9,05	15,33	0,229
1470	1	R50x30-19	SLU_12	34,79	1,47	-17,07	9,42	9,42	0,247
1471	1	R50x30-19	SLU_04	7,39	-0,98	25,62	9,42	9,42	0,314
1472	1	R50x30-19	SLU_04	3,49	1,06	-27,20	9,42	9,42	0,328
1473	1	R50x30-19	SLU_04	2,68	1,17	-29,98	9,42	9,42	0,360
1474	1	R50x30-19	SLU_04	5,06	1,31	-32,23	9,42	9,42	0,390
1475	1	R50x30-19	SLU_12	42,21	-2,82	12,84	9,42	9,42	0,208
1476	1	R30x80-2	SLU_04	7,13	1,68	-220,16	9,42	9,42	0,846
1477	1	R30x80-2	SLU_04	6,61	1,74	-217,47	9,42	9,42	0,835
1478	1	R50x30-19	SLU_12	3,61	0,85	-10,36	9,42	9,42	0,128
1479	1	R50x30-19	SLU_12	2,03	-0,27	-6,29	9,42	9,42	0,077
1480	1	R50x30-21	SLU_04	1,62	0,00	-22,89	6,28	6,28	0,388
1481	1	R50x30-19	SLU_12	10,99	-0,56	1,94	9,42	9,42	0,038
1482	1	R60x30-2	SLU_04	10,77	0,35	-26,00	12,57	12,57	0,244
1483	1	R60x30-2	SLU_12	14,00	0,84	-25,76	12,57	12,57	0,245
1484	1	R50x30-19	SLU_12	11,34	-0,53	1,96	9,42	9,42	0,038

1485	1	R50x30-21	SLU_04	1,76	-0,01	-23,19	6,28	6,28	0,394
1486	1	R50x30-19	SLU_04	1,63	0,19	-6,35	9,42	9,42	0,077
1487	1	R50x30-19	SLU_12	3,94	0,70	-10,18	9,42	9,42	0,126
1488	1	R70x30-8	SLU_12	107,30	7,58	-54,54	12,57	12,57	0,587
1489	1	R70x30-9	SLU_12	157,94	2,15	-47,09	15,71	15,71	0,461
1491	1	R70x30-8	SLU_04	25,37	0,47	-49,04	12,57	12,57	0,456
1493	1	R70x30-10	SLU_04	25,86	0,62	-54,78	12,57	12,57	0,507
1494	1	R70x30-10	SLU_04	16,76	1,67	-62,09	12,57	12,57	0,565
	2	R70x30-11	SLU_04	16,76	0,68	-51,45	18,85	12,57	0,326
1496	1	R70x30-11	SLU_04	19,19	0,68	-50,98	18,85	12,57	0,325
	2	R70x30-10	SLU_04	19,19	1,71	-62,32	12,57	12,57	0,569
1497	1	R70x30-8	SLU_04	28,52	0,62	-53,89	12,57	12,57	0,502
1499	1	R70x30-8	SLU_04	27,90	0,50	-49,57	12,57	12,57	0,463
1501	1	R70x30-9	SLU_12	165,68	2,13	-49,91	15,71	15,71	0,487
1502	1	R70x30-8	SLU_12	113,87	7,98	-53,05	12,57	12,57	0,580
1503	1	R50x30-19	SLU_04	0,67	-0,94	-51,29	9,42	9,42	0,608
1504	1	R50x30-19	SLU_04	0,74	0,92	-51,71	9,42	9,42	0,614
1505	1	R80x30-24	SLU_12	63,18	7,33	-134,76	21,99	15,71	0,747
	2	R80x30-23	SLU_12	63,18	-12,61	44,20	15,71	15,71	0,371
	3	R80x30-22	SLU_12	63,18	-15,93	35,83	21,99	15,71	0,311
1507	1	R80x30-22	SLU_12	55,07	1,37	-28,37	21,99	15,71	0,180
	2	R80x30-23	SLU_12	55,07	-1,58	-36,91	15,71	15,71	0,304
1508	1	R80x30-23	SLU_12	39,02	1,25	-72,76	15,71	15,71	0,548
1509	1	R80x30-23	SLU_12	19,61	3,52	-35,42	15,71	15,71	0,270
	2	R80x30-22	SLU_12	19,61	-3,76	-29,60	21,99	15,71	0,168
1511	1	R80x30-22	SLU_12	39,88	-15,77	29,72	21,99	15,71	0,248
	2	R80x30-23	SLU_12	39,88	-12,93	39,67	15,71	15,71	0,320
	3	R80x30-22	SLU_04	10,08	2,79	-131,50	21,99	15,71	0,698
1513	1	R80x30-22	SLU_04	-0,83	2,76	-131,16	21,99	15,71	0,690
	2	R80x30-23	SLU_12	21,67	-12,90	39,59	15,71	15,71	0,305
	3	R80x30-22	SLU_12	21,67	-15,73	29,58	21,99	15,71	0,233
1515	1	R80x30-22	SLU_12	38,53	2,67	-26,40	21,99	15,71	0,161
	2	R80x30-23	SLU_12	38,53	3,75	-36,88	15,71	15,71	0,294
1516	1	R80x30-23	SLU_12	58,90	2,35	-74,86	15,71	15,71	0,579
1517	1	R80x30-23	SLU_12	75,61	-1,58	-29,04	15,71	15,71	0,264
	2	R80x30-22	SLU_12	75,61	1,83	-35,24	21,99	15,71	0,227
1519	1	R80x30-22	SLU_12	87,06	-15,82	31,92	21,99	15,71	0,301
	2	R80x30-23	SLU_12	87,06	-12,47	41,62	15,71	15,71	0,370
	3	R80x30-22	SLU_12	87,06	7,68	-128,25	21,99	15,71	0,726
1520	1	R80x30-26	SLU_12	-3,05	7,59	-57,76	12,57	12,57	0,506
1521	1	R100x30-75	SLU_04	29,54	9,01	-140,44	25,13	12,57	0,658
	2	R100x30-74	SLU_12	51,27	-13,63	53,47	12,57	12,57	0,507
	3	R100x30-75	SLU_12	51,27	-13,27	41,24	25,13	12,57	0,400
1523	1	R100x30-78	SLU_12	49,74	5,73	-49,31	31,42	12,57	0,204
	2	R100x30-74	SLU_12	49,74	-3,13	-43,71	12,57	12,57	0,415
1524	1	R100x30-74	SLU_04	27,50	2,31	-95,74	12,57	12,57	0,834
1525	1	R100x30-74	SLU_12	62,04	4,96	-43,80	12,57	12,57	0,431
	2	R100x30-78	SLU_12	62,04	-1,47	-43,67	31,42	12,57	0,186
1527	1	R100x30-78	SLU_12	109,86	-13,52	31,03	31,42	12,57	0,362
	2	R100x30-74	SLU_12	109,86	-10,76	44,44	12,57	12,57	0,488

	3	R100x30-75	SLU_04	61,96	3,12	-166,27	25,13	12,57	0,789
1529	1	R100x30-75	SLU_04	65,01	-4,25	-166,45	25,13	12,57	0,791
	2	R100x30-74	SLU_12	114,88	-11,10	44,61	12,57	12,57	0,494
	3	R100x30-78	SLU_12	114,88	-13,77	31,33	31,42	12,57	0,369
1531	1	R100x30-78	SLU_12	70,34	-1,46	-39,64	31,42	12,57	0,175
	2	R100x30-74	SLU_12	70,34	5,41	-45,91	12,57	12,57	0,457
1532	1	R100x30-74	SLU_04	32,13	2,56	-98,62	12,57	12,57	0,863
1533	1	R100x30-74	SLU_12	57,11	-2,99	-38,13	12,57	12,57	0,375
	2	R100x30-78	SLU_12	57,11	6,01	-52,95	31,42	12,57	0,220
1535	1	R100x30-75	SLU_12	54,23	-13,57	36,73	25,13	12,57	0,365
	2	R100x30-74	SLU_04	31,27	-8,99	54,28	12,57	12,57	0,493
	3	R100x30-73	SLU_04	31,27	10,05	-133,24	18,85	12,57	0,813
1536	1	R80x30-26	SLU_12	-0,66	8,68	-55,03	12,57	12,57	0,485
1538	1	R100x30-82	SLU_12	32,43	2,49	-30,96	21,99	15,71	0,178
	2	R100x30-67	SLU_12	32,43	-2,85	-36,86	15,71	15,71	0,280
1539	1	R100x30-67	SLU_04	13,97	1,23	-74,02	15,71	15,71	0,524
1540	1	R100x30-67	SLU_04	12,76	-0,91	-42,96	15,71	15,71	0,308
	2	R100x30-82	SLU_04	12,76	-1,67	-24,54	21,99	15,71	0,134
1542	1	R100x30-82	SLU_04	20,46	4,34	-70,62	21,99	15,71	0,377
	2	R100x30-67	SLU_04	20,46	-1,76	36,23	15,71	15,71	0,267
	3	R100x30-68	SLU_04	20,46	-3,19	-112,26	28,27	15,71	0,470
1544	1	R100x30-68	SLU_04	19,89	-3,27	-112,28	28,27	15,71	0,469
	2	R100x30-67	SLU_04	19,89	-1,95	36,28	15,71	15,71	0,267
	3	R100x30-82	SLU_04	19,89	4,62	-70,68	21,99	15,71	0,377
1546	1	R100x30-82	SLU_04	12,48	-1,54	-23,47	21,99	15,71	0,128
	2	R100x30-67	SLU_04	12,48	-1,13	-43,83	15,71	15,71	0,314
1547	1	R100x30-67	SLU_04	16,80	1,43	-75,13	15,71	15,71	0,534
1548	1	R100x30-67	SLU_12	38,52	-2,57	-37,32	15,71	15,71	0,288
	2	R100x30-82	SLU_12	38,52	2,90	-29,90	21,99	15,71	0,176
1562	1	R50x30-21	SLU_12	33,27	1,20	-4,15	6,28	6,28	0,138
1563	1	R50x30-25	SLU_04	3,10	-0,97	38,03	6,28	12,57	0,351
	2	R50x30-21	SLU_12	5,54	0,52	-10,08	6,28	6,28	0,182
	3	R50x30-26	SLU_04	3,10	1,13	-39,24	12,57	6,28	0,362
1564	1	R50x30-25	SLU_04	1,99	-0,75	36,66	6,28	12,57	0,337
	2	R50x30-21	SLU_12	3,13	-0,26	9,07	6,28	6,28	0,160
	3	R50x30-26	SLU_04	1,99	0,77	-36,53	12,57	6,28	0,336
1565	1	R50x30-19	SLU_04	3,84	0,47	-30,93	9,42	9,42	0,371
1566	1	R50x30-19	SLU_12	12,35	-0,47	28,35	9,42	9,42	0,351
1567	1	R50x30-19	SLU_12	37,25	-0,11	18,71	9,42	9,42	0,267
1568	1	R50x30-28	SLU_12	31,20	2,02	-25,22	12,19	12,19	0,269
	2	R50x30-29	SLU_12	31,20	-1,07	25,27	12,19	18,47	0,183
1569	1	R50x30-19	SLU_12	123,59	-0,08	31,06	9,42	9,42	0,520
1570	1	R50x30-19	SLU_04	3,96	0,12	23,93	9,42	9,42	0,288
1571	1	R50x30-22	SLU_12	27,40	2,26	-25,79	15,33	15,33	0,219
	2	R50x30-23	SLU_12	27,40	0,95	-6,43	9,05	9,05	0,116
	3	R50x30-24	SLU_12	27,40	-1,23	25,84	9,05	15,33	0,219
1572	1	R50x30-19	SLU_12	37,67	-0,07	19,00	9,42	9,42	0,271
1573	1	R50x30-19	SLU_04	7,37	-0,30	29,68	9,42	9,42	0,360
1574	1	R50x30-19	SLU_04	3,62	0,35	-31,26	9,42	9,42	0,375
	1	R50x30-25	SLU_04	1,66	0,76	34,40	6,28	12,57	0,316

1575	2	R50x30-21	SLU_04	1,66	-0,09	8,66	6,28	6,28	0,149
	3	R50x30-26	SLU_04	1,66	-0,79	-34,24	12,57	6,28	0,315
	1	R50x30-25	SLU_04	3,02	0,98	34,33	6,28	12,57	0,317
1576	2	R50x30-21	SLU_12	5,41	0,39	-9,06	6,28	6,28	0,164
	3	R50x30-26	SLU_04	3,02	-1,14	-35,45	12,57	6,28	0,327
1577	1	R50x30-19	SLU_12	34,30	1,72	-9,16	9,42	9,42	0,153
1578	1	R30x80-2	SLU_04	9,24	1,56	-216,39	9,42	9,42	0,834
1579	1	R30x80-2	SLU_04	8,81	1,78	-215,33	9,42	9,42	0,830
	1	R50x30-27	SLU_12	1,05	-0,45	11,67	12,57	12,57	0,108
1580	2	R50x30-21	SLU_12	1,05	0,26	-13,69	6,28	6,28	0,234
1581	1	R50x30-19	SLU_12	-1,08	-0,49	-4,38	9,42	9,42	0,051
1582	1	R50x30-21	SLU_04	-0,11	0,34	-27,09	6,28	6,28	0,458
1583	1	R50x30-19	SLU_12	10,89	0,04	-3,50	9,42	9,42	0,055
1584	1	R60x30-2	SLU_04	-0,30	0,09	-24,07	12,57	12,57	0,216
1585	1	R60x30-2	SLU_04	-1,32	0,24	-24,27	12,57	12,57	0,217
1586	1	R50x30-19	SLU_12	11,58	0,08	-4,03	9,42	9,42	0,062
1587	1	R50x30-21	SLU_04	0,13	0,31	-27,09	6,28	6,28	0,459
1588	1	R50x30-19	SLU_12	-1,04	0,53	-4,04	9,42	9,42	0,047
	1	R50x30-27	SLU_12	1,64	0,52	11,12	12,57	12,57	0,104
1589	2	R50x30-21	SLU_12	1,64	-0,26	-13,06	6,28	6,28	0,223
1590	1	R70x30-8	SLU_12	104,00	6,20	-54,17	12,57	12,57	0,579
1591	1	R70x30-17	SLU_12	153,47	-4,16	34,92	18,10	12,57	0,454
1593	1	R70x30-8	SLU_04	38,85	-0,20	-48,79	12,57	12,57	0,466
1595	1	R70x30-10	SLU_12	72,79	1,59	-52,29	12,57	12,57	0,529
	1	R70x30-10	SLU_04	49,29	1,29	-62,82	12,57	12,57	0,600
1596	2	R70x30-11	SLU_04	49,29	-0,35	-50,10	18,85	12,57	0,338
	1	R70x30-11	SLU_04	52,60	-0,39	-49,61	18,85	12,57	0,337
1598	2	R70x30-10	SLU_04	52,60	1,39	-63,12	12,57	12,57	0,606
1599	1	R70x30-8	SLU_12	79,57	1,62	-51,28	12,57	12,57	0,526
1601	1	R70x30-8	SLU_12	60,18	0,29	-47,80	12,57	12,57	0,477
1603	1	R70x30-8	SLU_12	166,67	2,16	-49,05	12,57	12,57	0,591
1604	1	R70x30-8	SLU_12	114,32	6,88	-52,79	12,57	12,57	0,577
	1	R50x30-26	SLU_04	0,79	-0,51	-48,45	12,57	6,28	0,443
1605	2	R50x30-21	SLU_04	0,79	-0,19	30,69	6,28	6,28	0,520
	1	R50x30-26	SLU_04	0,98	0,53	-48,11	12,57	6,28	0,441
1606	2	R50x30-21	SLU_04	0,98	-0,61	30,04	6,28	6,28	0,511
	1	R80x30-24	SLU_04	-28,42	2,57	-140,34	21,99	15,71	0,724
1607	2	R80x30-23	SLU_12	-18,82	-12,58	45,35	15,71	15,71	0,316
	3	R80x30-22	SLU_12	-18,82	-15,34	37,64	21,99	15,71	0,262
	1	R80x30-22	SLU_12	-19,76	-0,87	-26,05	21,99	15,71	0,127
1609	2	R80x30-23	SLU_12	-19,76	-0,56	-41,66	15,71	15,71	0,283
1610	1	R80x30-23	SLU_04	-33,13	-0,77	-75,18	15,71	15,71	0,512
	1	R80x30-23	SLU_04	-38,61	-1,87	-40,55	15,71	15,71	0,262
1611	2	R80x30-22	SLU_04	-38,61	-2,07	-27,56	21,99	15,71	0,126
	1	R80x30-22	SLU_12	57,69	-16,15	32,92	21,99	15,71	0,286
1613	2	R80x30-23	SLU_12	57,69	-13,02	41,59	15,71	15,71	0,349
	3	R80x30-24	SLU_04	17,32	3,86	-137,50	21,99	15,71	0,734
	1	R80x30-24	SLU_04	-10,84	3,59	-137,70	21,99	15,71	0,720
1615	2	R80x30-23	SLU_12	10,57	-13,00	41,70	15,71	15,71	0,312
	3	R80x30-22	SLU_12	10,57	-16,05	33,17	21,99	15,71	0,251

1617	1	R80x30-22	SLU_12	10,20	-2,69	-23,37	21,99	15,71	0,129
	2	R80x30-23	SLU_12	10,20	2,51	-40,81	15,71	15,71	0,300
1618	1	R80x30-23	SLU_04	-5,96	-1,07	-76,98	15,71	15,71	0,545
1619	1	R80x30-23	SLU_12	25,49	-0,85	-32,77	15,71	15,71	0,253
	2	R80x30-22	SLU_12	25,49	-0,95	-34,65	21,99	15,71	0,196
1621	1	R80x30-22	SLU_12	0,06	-15,79	33,81	21,99	15,71	0,248
	2	R80x30-23	SLU_12	0,06	-12,75	42,98	15,71	15,71	0,313
	3	R80x30-22	SLU_04	-17,89	3,45	-133,35	21,99	15,71	0,694
1622	1	R80x30-26	SLU_12	0,57	-5,71	-58,52	12,57	12,57	0,512
1623	1	R100x30-75	SLU_04	22,88	-6,39	-143,95	25,13	12,57	0,669
	2	R100x30-74	SLU_12	41,93	-12,89	54,51	12,57	12,57	0,506
	3	R100x30-75	SLU_12	41,93	-13,40	42,86	25,13	12,57	0,405
1625	1	R100x30-78	SLU_12	23,35	2,54	-45,66	31,42	12,57	0,180
	2	R100x30-74	SLU_12	23,35	-1,06	-49,05	12,57	12,57	0,435
1626	1	R100x30-74	SLU_04	8,99	-1,42	-95,80	12,57	12,57	0,816
1627	1	R100x30-74	SLU_12	33,36	2,14	-48,58	12,57	12,57	0,442
	2	R100x30-78	SLU_12	33,36	-1,32	-41,13	31,42	12,57	0,166
1629	1	R100x30-78	SLU_12	86,74	-12,64	34,14	31,42	12,57	0,368
	2	R100x30-74	SLU_12	86,74	-10,46	46,30	12,57	12,57	0,482
	3	R100x30-75	SLU_04	46,37	-3,74	-172,65	25,13	12,57	0,811
1631	1	R100x30-75	SLU_04	50,12	-3,26	-173,34	25,13	12,57	0,815
	2	R100x30-74	SLU_12	93,03	-11,24	46,69	12,57	12,57	0,492
	3	R100x30-78	SLU_12	93,03	-13,45	34,85	31,42	12,57	0,380
1633	1	R100x30-78	SLU_12	49,42	-1,53	-37,05	31,42	12,57	0,157
	2	R100x30-74	SLU_12	49,42	3,10	-50,01	12,57	12,57	0,470
1634	1	R100x30-74	SLU_04	18,95	-1,87	-98,76	12,57	12,57	0,850
1635	1	R100x30-74	SLU_12	39,23	-1,50	-41,63	12,57	12,57	0,387
	2	R100x30-78	SLU_12	39,23	3,73	-52,37	31,42	12,57	0,211
1637	1	R100x30-75	SLU_12	46,95	-13,90	38,38	25,13	12,57	0,373
	2	R100x30-74	SLU_04	25,73	-8,40	54,97	12,57	12,57	0,493
	3	R100x30-73	SLU_04	25,73	5,70	-135,99	18,85	12,57	0,823
1638	1	R80x30-26	SLU_04	-4,31	-5,35	-55,71	12,57	12,57	0,483
1640	1	R100x30-82	SLU_12	34,58	-0,07	-27,74	21,99	15,71	0,161
	2	R100x30-67	SLU_12	34,58	-1,91	-43,89	15,71	15,71	0,330
1641	1	R100x30-67	SLU_04	18,23	-0,61	-74,32	15,71	15,71	0,529
1642	1	R100x30-67	SLU_04	12,13	-1,33	-49,80	15,71	15,71	0,355
	2	R100x30-82	SLU_04	12,13	-1,25	-19,27	21,99	15,71	0,106
1644	1	R100x30-82	SLU_04	8,93	2,98	-67,20	21,99	15,71	0,352
	2	R100x30-67	SLU_04	8,93	-1,86	36,44	15,71	15,71	0,260
	3	R100x30-68	SLU_04	8,93	-1,52	-115,01	28,27	15,71	0,476
1646	1	R100x30-68	SLU_04	8,04	1,79	-115,37	28,27	15,71	0,477
	2	R100x30-67	SLU_04	8,04	-2,03	36,50	15,71	15,71	0,260
	3	R100x30-82	SLU_04	8,04	3,78	-67,75	21,99	15,71	0,355
1648	1	R100x30-82	SLU_04	15,08	-1,42	-18,07	21,99	15,71	0,102
	2	R100x30-67	SLU_04	15,08	-0,91	-50,43	15,71	15,71	0,361
1649	1	R100x30-67	SLU_04	21,99	-0,99	-75,69	15,71	15,71	0,541
1650	1	R100x30-67	SLU_12	41,83	-1,69	-42,97	15,71	15,71	0,329
	2	R100x30-82	SLU_12	41,83	0,59	-27,82	21,99	15,71	0,166
1664	1	R50x30-21	SLU_12	28,28	1,38	-2,86	6,28	6,28	0,106
	1	R50x30-25	SLU_04	3,27	-0,49	42,09	6,28	12,57	0,388

1665	2	R50x30-21	SLU_12	6,01	0,32	-11,49	6,28	6,28	0,207
	3	R50x30-26	SLU_04	3,27	0,64	-44,03	12,57	6,28	0,406
	1	R50x30-25	SLU_04	1,86	-0,31	40,79	6,28	12,57	0,374
1666	2	R50x30-21	SLU_04	1,86	-0,08	10,22	6,28	6,28	0,176
	3	R50x30-26	SLU_04	1,86	0,29	-40,72	12,57	6,28	0,374
	1	R50x30-25	SLU_04	3,92	-0,16	34,72	6,28	12,57	0,321
1667	2	R50x30-21	SLU_12	6,51	0,06	-8,67	6,28	6,28	0,158
	3	R50x30-26	SLU_04	3,92	0,06	-34,92	12,57	6,28	0,322
1668	1	R50x30-19	SLU_12	12,16	-0,24	31,85	9,42	9,42	0,392
1669	1	R50x30-19	SLU_12	36,53	-0,77	21,28	9,42	9,42	0,297
	1	R50x30-30	SLU_04	11,61	1,09	-25,51	15,71	15,71	0,200
1670	2	R50x30-19	SLU_12	20,38	0,77	-6,10	9,42	9,42	0,099
	3	R50x30-20	SLU_04	11,61	-0,49	25,59	9,42	15,71	0,200
1671	1	R50x30-19	SLU_12	124,45	-0,27	31,80	9,42	9,42	0,531
1672	1	R50x30-19	SLU_04	7,53	-0,08	24,00	9,42	9,42	0,293
	1	R50x30-30	SLU_12	21,32	-2,26	-25,03	15,71	15,71	0,204
1673	2	R50x30-19	SLU_12	21,32	-0,14	6,30	9,42	9,42	0,102
	3	R50x30-20	SLU_12	21,32	1,12	25,10	9,42	15,71	0,204
1674	1	R50x30-19	SLU_12	38,26	-0,56	21,74	9,42	9,42	0,305
1675	1	R50x30-19	SLU_04	7,09	-0,08	32,91	9,42	9,42	0,398
	1	R50x30-25	SLU_04	3,83	0,11	34,77	6,28	12,57	0,321
1676	2	R50x30-21	SLU_12	6,33	0,07	-8,61	6,28	6,28	0,157
	3	R50x30-26	SLU_04	3,83	-0,10	-34,99	12,57	6,28	0,323
	1	R50x30-25	SLU_04	2,79	0,37	38,10	6,28	12,57	0,351
1677	2	R50x30-21	SLU_04	2,79	0,10	9,53	6,28	6,28	0,166
	3	R50x30-26	SLU_04	2,79	-0,35	-38,07	12,57	6,28	0,350
	1	R50x30-25	SLU_04	4,67	0,50	37,14	6,28	12,57	0,344
1678	2	R50x30-21	SLU_12	7,96	0,23	-10,19	6,28	6,28	0,188
	3	R50x30-26	SLU_04	4,67	-0,66	-39,09	12,57	6,28	0,362
1679	1	R50x30-19	SLU_12	29,42	1,32	-5,49	9,42	9,42	0,104
1680	1	R30x80-2	SLU_04	11,49	1,59	-213,75	9,42	9,42	0,827
1681	1	R30x80-2	SLU_04	11,64	1,99	-213,36	9,42	9,42	0,826
	1	R50x30-27	SLU_04	-0,80	-0,57	14,09	12,57	12,57	0,129
1682	2	R50x30-21	SLU_04	-0,80	0,04	-4,44	6,28	6,28	0,074
	3	R50x30-26	SLU_04	-0,80	0,36	-16,80	12,57	6,28	0,153
1683	1	R50x30-26	SLU_12	0,20	-0,82	-2,29	12,57	6,28	0,022
	2	R50x30-21	SLU_12	0,20	-0,28	-1,17	6,28	6,28	0,020
1684	1	R50x30-21	SLU_04	-0,71	0,55	-29,23	6,28	6,28	0,494
1685	1	R50x30-19	SLU_12	11,64	0,28	-6,63	9,42	9,42	0,093
1686	1	R60x30-2	SLU_04	-1,13	0,07	-23,35	12,57	12,57	0,209
1687	1	R60x30-2	SLU_04	-0,76	0,09	-23,21	12,57	12,57	0,208
1688	1	R50x30-19	SLU_12	13,11	0,14	-6,44	9,42	9,42	0,093
1689	1	R50x30-21	SLU_04	0,07	0,47	-29,41	6,28	6,28	0,499
1690	1	R50x30-26	SLU_12	-0,88	0,86	-1,85	12,57	6,28	0,017
	2	R50x30-21	SLU_12	-0,88	0,32	-1,05	6,28	6,28	0,017
1691	1	R50x30-27	SLU_04	-0,37	0,64	13,20	12,57	12,57	0,121
	2	R50x30-21	SLU_04	-0,37	-0,39	-15,84	6,28	6,28	0,267
1692	1	R70x30-8	SLU_12	75,66	3,52	-53,75	12,57	12,57	0,547
1693	1	R70x30-17	SLU_12	123,25	-3,23	33,47	18,10	12,57	0,412
1695	1	R70x30-8	SLU_04	41,18	-0,17	-59,91	12,57	12,57	0,566

1697	1	R70x30-12	SLU_12	87,35	2,14	-61,53	15,71	15,71	0,512
1698	1	R70x30-12	SLU_04	63,15	0,92	-72,30	15,71	15,71	0,570
	2	R70x30-13	SLU_12	91,30	-0,39	-59,64	21,99	15,71	0,367
1700	1	R70x30-13	SLU_12	97,90	-0,13	-59,58	21,99	15,71	0,370
	2	R70x30-12	SLU_12	97,90	2,10	-70,05	15,71	15,71	0,581
1701	1	R70x30-8	SLU_12	98,27	-2,24	-60,98	12,57	12,57	0,629
1703	1	R70x30-8	SLU_12	68,73	-0,12	-58,98	12,57	12,57	0,583
1705	1	R70x30-8	SLU_12	144,28	2,69	-51,49	12,57	12,57	0,593
1706	1	R70x30-8	SLU_12	90,71	4,51	-52,28	12,57	12,57	0,548
1707	1	R50x30-26	SLU_04	-0,15	-0,44	-67,99	12,57	6,28	0,621
	2	R50x30-21	SLU_04	-0,15	0,39	43,24	6,28	6,28	0,729
1708	1	R50x30-26	SLU_04	0,02	0,39	-68,10	12,57	6,28	0,622
	2	R50x30-21	SLU_04	0,02	-0,33	42,67	6,28	6,28	0,721
1709	1	R80x30-24	SLU_12	44,58	-1,87	-140,64	21,99	15,71	0,764
	2	R80x30-23	SLU_12	44,58	-12,28	46,61	15,71	15,71	0,374
	3	R80x30-22	SLU_12	44,58	-14,38	39,63	21,99	15,71	0,324
1711	1	R80x30-22	SLU_12	-19,23	-2,39	-23,32	21,99	15,71	0,114
	2	R80x30-23	SLU_12	-19,23	0,93	-44,80	15,71	15,71	0,306
1712	1	R80x30-23	SLU_04	-35,12	-0,11	-75,24	15,71	15,71	0,511
1713	1	R80x30-23	SLU_12	-16,45	-1,97	-42,92	15,71	15,71	0,295
	2	R80x30-22	SLU_12	-16,45	1,94	-24,67	21,99	15,71	0,122
1715	1	R80x30-22	SLU_12	69,89	-16,31	35,60	21,99	15,71	0,315
	2	R80x30-23	SLU_12	69,89	-13,06	43,22	15,71	15,71	0,370
	3	R80x30-24	SLU_12	69,89	6,46	-137,03	21,99	15,71	0,762
1717	1	R80x30-24	SLU_04	-11,25	3,95	-143,18	21,99	15,71	0,749
	2	R80x30-23	SLU_12	16,69	-13,01	44,32	15,71	15,71	0,336
	3	R80x30-22	SLU_12	16,69	-16,19	37,26	21,99	15,71	0,285
1719	1	R80x30-22	SLU_12	-9,01	2,66	-27,54	21,99	15,71	0,142
	2	R80x30-23	SLU_12	-9,01	-3,16	-49,89	15,71	15,71	0,351
1720	1	R80x30-23	SLU_12	12,64	-1,70	-81,53	15,71	15,71	0,591
1721	1	R80x30-23	SLU_12	29,48	0,92	-40,82	15,71	15,71	0,313
	2	R80x30-22	SLU_12	29,48	2,02	-40,45	21,99	15,71	0,230
1723	1	R80x30-22	SLU_12	-21,67	-12,74	33,15	21,99	15,71	0,226
	2	R80x30-23	SLU_12	-21,67	-10,89	42,93	15,71	15,71	0,296
	3	R80x30-24	SLU_04	-38,35	-1,57	-133,70	21,99	15,71	0,684
1724	1	R80x30-26	SLU_12	6,61	-3,01	-58,28	12,57	12,57	0,513
1725	1	R100x30-75	SLU_04	14,10	-4,87	-147,24	25,13	12,57	0,680
	2	R100x30-74	SLU_04	14,10	-7,68	58,31	12,57	12,57	0,510
	3	R100x30-75	SLU_12	28,95	-13,08	45,00	25,13	12,57	0,412
1727	1	R100x30-78	SLU_04	-13,96	-0,64	-42,68	31,42	12,57	0,154
	2	R100x30-74	SLU_04	-13,96	-1,85	-52,62	12,57	12,57	0,432
1728	1	R100x30-74	SLU_04	-12,51	-1,56	-96,31	12,57	12,57	0,801
1729	1	R100x30-74	SLU_04	-7,37	-2,50	-52,20	12,57	12,57	0,434
	2	R100x30-78	SLU_04	-7,37	2,29	-41,12	31,42	12,57	0,151
1731	1	R100x30-78	SLU_12	60,53	-11,98	37,94	31,42	12,57	0,377
	2	R100x30-74	SLU_12	60,53	-9,99	48,55	12,57	12,57	0,474
	3	R100x30-75	SLU_04	28,65	-2,33	-179,09	25,13	12,57	0,831
1733	1	R100x30-75	SLU_04	42,21	-1,94	-180,52	25,13	12,57	0,844
	2	R100x30-74	SLU_12	82,88	-10,55	49,56	12,57	12,57	0,506
	3	R100x30-78	SLU_12	82,88	-12,67	39,57	31,42	12,57	0,410

1735	1	R100x30-78	SLU_12	42,25	1,22	-38,62	31,42	12,57	0,160
	2	R100x30-74	SLU_12	42,25	-5,48	-54,69	12,57	12,57	0,502
1736	1	R100x30-74	SLU_04	14,81	-3,24	-103,48	12,57	12,57	0,887
1737	1	R100x30-74	SLU_12	39,12	-0,70	-43,85	12,57	12,57	0,405
	2	R100x30-78	SLU_12	39,12	-5,72	-52,32	31,42	12,57	0,211
1739	1	R100x30-75	SLU_12	64,78	-15,45	35,93	25,13	12,57	0,369
	2	R100x30-74	SLU_12	64,78	-12,79	52,03	12,57	12,57	0,509
	3	R100x30-75	SLU_04	36,37	-4,98	-135,76	25,13	12,57	0,638
1740	1	R80x30-26	SLU_04	-5,27	-3,66	-55,79	12,57	12,57	0,481
1742	1	R100x30-82	SLU_12	24,80	-2,49	-18,62	21,99	15,71	0,110
	2	R100x30-67	SLU_12	24,80	-1,47	-49,61	15,71	15,71	0,363
1743	1	R100x30-67	SLU_04	16,90	-1,61	-75,65	15,71	15,71	0,538
1744	1	R100x30-67	SLU_04	11,90	-3,40	-55,54	15,71	15,71	0,395
	2	R100x30-82	SLU_04	11,90	1,06	-14,32	21,99	15,71	0,081
1746	1	R100x30-82	SLU_04	10,29	2,60	-65,88	21,99	15,71	0,346
	2	R100x30-67	SLU_04	10,29	-1,93	37,02	15,71	15,71	0,266
	3	R100x30-68	SLU_04	10,29	-1,10	-117,39	28,27	15,71	0,486
1748	1	R100x30-68	SLU_04	6,25	1,25	-118,36	28,27	15,71	0,488
	2	R100x30-67	SLU_04	6,25	-1,90	37,22	15,71	15,71	0,264
	3	R100x30-82	SLU_04	6,25	3,12	-67,14	21,99	15,71	0,351
1750	1	R100x30-82	SLU_04	8,59	1,01	-12,86	21,99	15,71	0,071
	2	R100x30-67	SLU_04	8,59	-1,83	-55,62	15,71	15,71	0,393
1751	1	R100x30-67	SLU_04	15,70	-2,03	-78,62	15,71	15,71	0,558
1752	1	R100x30-67	SLU_04	18,71	-1,53	-46,17	15,71	15,71	0,334
	2	R100x30-82	SLU_04	18,71	-1,68	-16,37	21,99	15,71	0,095
1766	1	R50x30-19	SLU_12	23,05	0,56	-5,63	9,42	9,42	0,097
1767	1	R50x30-28	SLU_04	7,19	0,16	-46,11	12,19	12,19	0,440
1768	1	R50x30-28	SLU_04	4,13	-0,14	44,55	12,19	12,19	0,423
1769	1	R50x30-25	SLU_04	3,39	0,57	38,74	6,28	12,57	0,357
	2	R50x30-21	SLU_12	5,97	-0,18	9,65	6,28	6,28	0,175
	3	R50x30-26	SLU_04	3,39	-0,49	-38,35	12,57	6,28	0,354
1770	1	R50x30-19	SLU_04	7,75	0,58	33,93	9,42	9,42	0,411
1771	1	R50x30-19	SLU_12	38,36	-1,06	23,39	9,42	9,42	0,325
1772	1	R50x30-30	SLU_04	10,23	0,94	-25,29	15,71	15,71	0,197
	2	R50x30-19	SLU_12	17,56	-0,21	6,13	9,42	9,42	0,095
	3	R50x30-20	SLU_04	10,23	-0,42	25,47	9,42	15,71	0,198
1773	1	R50x30-21	SLU_12	126,93	-0,94	31,18	6,28	6,28	0,761
1774	1	R50x30-21	SLU_04	5,89	-0,09	23,79	6,28	6,28	0,412
	1	R50x30-30	SLU_04	13,57	0,90	-25,52	15,71	15,71	0,201
	2	R50x30-19	SLU_12	21,95	-0,19	6,20	9,42	9,42	0,101
1775	3	R50x30-20	SLU_04	13,57	0,49	25,65	9,42	15,71	0,201
	1	R50x30-19	SLU_12	38,41	-0,88	23,22	9,42	9,42	0,323
1777	1	R50x30-19	SLU_04	7,76	-0,26	34,93	9,42	9,42	0,423
1778	1	R50x30-25	SLU_04	2,63	-0,29	38,98	6,28	12,57	0,359
	2	R50x30-21	SLU_12	5,03	-0,05	9,67	6,28	6,28	0,172
	3	R50x30-26	SLU_04	2,63	0,35	-38,55	12,57	6,28	0,355
1779	1	R50x30-28	SLU_04	0,63	-0,32	41,93	12,19	12,19	0,395
1780	1	R50x30-28	SLU_04	2,78	-0,58	-40,94	12,19	12,19	0,388
1781	1	R50x30-19	SLU_12	24,45	-0,52	2,90	9,42	9,42	0,067
1782	1	R30x80-2	SLU_04	11,68	1,78	-211,94	9,42	9,42	0,821

1783	1	R30x80-2	SLU_04	17,22	2,24	-210,13	9,42	9,42	0,821
1784	1	R50x30-28	SLU_04	-1,40	0,33	-17,08	12,19	12,19	0,159
1785	1	R50x30-27	SLU_12	0,07	0,90	-0,90	12,57	12,57	0,009
	2	R50x30-21	SLU_12	0,07	0,90	-1,49	6,28	6,28	0,027
1786	1	R50x30-19	SLU_04	1,66	0,66	-32,05	9,42	9,42	0,382
1787	1	R50x30-19	SLU_12	13,63	0,39	-9,43	9,42	9,42	0,129
1788	1	R60x30-2	SLU_04	-1,03	0,07	-22,41	12,57	12,57	0,200
1789	1	R60x30-2	SLU_04	-1,39	0,03	-22,48	12,57	12,57	0,201
1790	1	R50x30-19	SLU_12	13,77	0,32	-9,54	9,42	9,42	0,130
1791	1	R50x30-19	SLU_04	2,16	0,55	-31,72	9,42	9,42	0,379
1792	1	R50x30-26	SLU_12	-1,86	-0,61	-1,02	12,57	6,28	0,008
	2	R50x30-21	SLU_06	-1,86	0,42	-1,03	6,28	6,28	0,015
1793	1	R50x30-28	SLU_04	-0,60	0,12	-15,80	12,19	12,19	0,148
1794	1	R70x30-8	SLU_12	56,56	-3,72	-52,93	12,57	12,57	0,521
1795	1	R70x30-9	SLU_12	101,07	3,47	-49,68	15,71	15,71	0,437
1797	1	R70x30-9	SLU_04	36,45	-0,59	-60,13	15,71	15,71	0,462
1799	1	R70x30-12	SLU_12	93,31	2,47	-60,92	15,71	15,71	0,512
1800	1	R70x30-12	SLU_12	98,91	1,46	-71,11	15,71	15,71	0,589
	2	R70x30-13	SLU_12	98,91	0,46	-56,93	21,99	15,71	0,357
1802	1	R70x30-13	SLU_12	98,55	0,23	-57,73	21,99	15,71	0,361
	2	R70x30-12	SLU_12	98,55	1,78	-72,95	15,71	15,71	0,602
1803	1	R70x30-9	SLU_12	95,81	2,23	-62,31	15,71	15,71	0,523
1805	1	R70x30-9	SLU_12	60,56	-0,54	-60,29	15,71	15,71	0,481
1807	1	R70x30-9	SLU_12	119,52	5,03	-50,42	15,71	15,71	0,457
1808	1	R70x30-8	SLU_12	56,22	-4,13	-51,40	12,57	12,57	0,507
1809	1	R50x30-28	SLU_04	0,02	-0,15	-65,99	12,19	12,19	0,620
1810	1	R50x30-28	SLU_04	-0,19	0,20	-66,10	12,19	12,19	0,621
1811	1	R80x30-27	SLU_12	67,81	-9,58	26,89	18,85	12,57	0,302
	2	R80x30-28	SLU_12	67,81	-4,17	32,76	12,57	12,57	0,351
	3	R80x30-27	SLU_12	67,81	28,34	-115,62	18,85	12,57	0,755
1812	1	R80x30-30	SLU_12	83,35	-4,11	-153,94	21,99	15,71	0,856
	2	R80x30-31	SLU_12	83,35	-10,49	51,06	15,71	15,71	0,433
	3	R80x30-32	SLU_12	83,35	-11,92	40,40	28,27	15,71	0,356
1814	1	R80x30-32	SLU_12	30,44	-6,79	-27,25	28,27	15,71	0,128
	2	R80x30-31	SLU_12	30,44	5,85	-48,78	15,71	15,71	0,374
1815	1	R80x30-31	SLU_09	-1,84	0,98	-89,21	15,71	15,71	0,635
1816	1	R80x30-31	SLU_12	19,50	2,98	-46,80	15,71	15,71	0,350
	2	R80x30-32	SLU_09	-7,50	-2,45	-30,72	28,27	15,71	0,126
1818	1	R80x30-32	SLU_12	29,31	-14,51	36,71	28,27	15,71	0,290
	2	R80x30-31	SLU_12	29,31	-10,93	48,39	15,71	15,71	0,375
	3	R80x30-30	SLU_09	-14,67	6,84	-151,81	21,99	15,71	0,794
182	1	R50x30-21	SLU_04	3,64	0,23	-9,48	6,28	6,28	0,168
1820	1	R80x30-30	SLU_12	222,80	11,83	-147,10	21,99	15,71	0,901
	2	R80x30-31	SLU_12	222,80	-11,07	48,54	15,71	15,71	0,521
	3	R80x30-32	SLU_12	222,80	-14,88	36,94	28,27	15,71	0,434
1822	1	R80x30-32	SLU_12	227,13	-2,65	-24,68	28,27	15,71	0,202
	2	R80x30-31	SLU_12	227,13	14,11	-49,24	15,71	15,71	0,530
1823	1	R80x30-31	SLU_12	238,02	-4,69	-84,08	15,71	15,71	0,778
1824	1	R80x30-38	SLU_12	-8,06	29,80	-110,22	24,38	12,57	0,537
	2	R80x30-39	SLU_12	-8,06	-3,40	32,60	18,10	12,57	0,278

	3	R80x30-38	SLU_12	-8,06	-8,93	24,87	24,38	12,57	0,215
1826	1	R80x30-41	SLU_12	405,19	-8,47	45,38	22,62	18,10	0,558
	2	R80x30-42	SLU_12	405,19	25,32	-131,23	22,62	18,10	0,897
1827	1	R80x30-26	SLU_12	17,44	-9,51	-64,69	12,57	12,57	0,582
1828	1	R100x30-84	SLU_09	1,42	-15,29	-167,36	27,52	21,24	0,707
	2	R100x30-85	SLU_09	1,42	-7,22	72,58	21,24	21,24	0,390
	3	R100x30-86	SLU_09	1,42	14,17	-73,96	33,80	21,24	0,261
1830	1	R100x30-92	SLU_09	-14,29	-6,87	-71,82	41,47	21,24	0,205
	2	R100x30-85	SLU_09	-14,29	8,70	-58,03	21,24	21,24	0,304
1831	1	R100x30-93	SLU_09	-8,90	1,81	-127,18	21,24	21,24	0,672
1832	1	R100x30-85	SLU_06	-22,00	9,89	-62,38	21,24	21,24	0,323
	2	R100x30-94	SLU_09	-21,97	-8,98	-55,41	40,09	21,24	0,161
1834	1	R100x30-86	SLU_04	-21,03	-4,94	40,95	33,80	21,24	0,208
	2	R100x30-85	SLU_09	-20,10	-5,85	59,80	21,24	21,24	0,310
	3	R100x30-84	SLU_09	-20,10	-8,27	-201,24	27,52	21,24	0,839
1836	1	R100x30-84	SLU_09	-18,62	-7,84	-201,24	27,52	21,24	0,839
	2	R100x30-85	SLU_09	-18,62	-4,72	59,68	21,24	21,24	0,309
	3	R100x30-86	SLU_04	-19,67	-3,56	40,73	33,80	21,24	0,207
1838	1	R100x30-94	SLU_12	123,09	-11,59	-45,93	40,09	21,24	0,175
	2	R100x30-85	SLU_12	123,09	11,34	-64,25	21,24	21,24	0,414
1839	1	R100x30-93	SLU_12	275,46	3,47	-122,83	21,24	21,24	0,805
1840	1	R80x30-38	SLU_12	-42,81	5,88	-42,05	24,38	12,57	0,185
	2	R80x30-39	SLU_12	-42,81	-11,01	-46,02	18,10	12,57	0,267
1841	1	R80x30-39	SLU_12	-50,87	-4,54	-68,19	18,10	12,57	0,397
1842	1	R100x30-72	SLU_12	224,40	-5,00	60,78	15,71	15,71	0,592
	2	R100x30-98	SLU_12	224,40	-16,66	-138,17	21,99	15,71	0,837
1843	1	R80x30-26	SLU_12	72,84	-10,14	-57,19	12,57	12,57	0,568
1845	1	R100x30-100	SLU_06	41,81	-5,98	-55,80	25,13	12,57	0,276
	2	R100x30-99	SLU_06	41,81	6,22	-49,63	12,57	12,57	0,464
1846	1	R100x30-99	SLU_06	21,83	3,01	-77,51	12,57	12,57	0,676
1847	1	R100x30-99	SLU_06	20,71	9,49	-62,84	12,57	12,57	0,555
	2	R100x30-100	SLU_06	20,71	-7,20	-18,13	25,13	12,57	0,094
1848	1	R70x30-8	SLU_06	62,35	-4,07	-44,05	12,57	12,57	0,448
1849	1	R100x30-100	SLU_06	34,04	2,92	-77,72	25,13	12,57	0,372
	2	R100x30-99	SLU_12	58,85	-3,47	39,33	12,57	12,57	0,389
	3	R100x30-104	SLU_06	34,04	-4,51	-134,89	18,85	12,57	0,820
1851	1	R100x30-104	SLU_06	35,98	-6,79	-133,63	18,85	12,57	0,815
	2	R100x30-99	SLU_12	63,49	-2,59	39,18	12,57	12,57	0,391
	3	R100x30-100	SLU_06	35,98	2,10	-78,32	25,13	12,57	0,375
1853	1	R100x30-100	SLU_06	0,29	-9,49	-16,28	25,13	12,57	0,077
	2	R100x30-99	SLU_06	0,29	10,29	-63,26	12,57	12,57	0,540
1854	1	R100x30-99	SLU_06	41,25	12,54	-80,06	12,57	12,57	0,722
1855	1	R100x30-99	SLU_12	141,78	40,69	-44,27	12,57	12,57	0,529
	2	R100x30-104	SLU_06	94,59	-18,74	-53,59	18,85	12,57	0,382
1867	1	R80x30-39	SLU_12	-52,02	-6,63	-55,12	18,10	12,57	0,316
1869	1	R50x30-21	SLU_12	13,17	0,87	7,50	6,28	6,28	0,152
1870	1	R50x30-28	SLU_04	2,72	-1,96	-45,77	12,19	12,19	0,434
1871	1	R50x30-28	SLU_04	4,43	-1,38	-40,52	12,19	12,19	0,386
	1	R50x30-25	SLU_04	14,48	-1,48	32,48	6,28	12,57	0,312
1872	2	R50x30-21	SLU_12	16,77	0,39	-9,38	6,28	6,28	0,191

	3	R50x30-26	SLU_04	14,48	1,34	-34,76	12,57	6,28	0,333
1873	1	R50x30-25	SLU_04	7,55	-2,22	37,32	6,28	12,57	0,350
	2	R50x30-21	SLU_12	11,41	0,75	-9,39	6,28	6,28	0,182
	3	R50x30-26	SLU_04	7,55	2,18	-37,67	12,57	6,28	0,353
1874	1	R50x30-19	SLU_12	35,84	-2,64	26,92	9,42	9,42	0,367
1875	1	R50x30-51	SLU_04	-11,90	0,63	-26,12	15,33	12,57	0,191
	2	R50x30-52	SLU_12	-11,44	0,53	-6,65	9,05	12,57	0,068
	3	R50x30-53	SLU_04	-11,90	-0,16	25,81	15,33	18,85	0,155
1876	1	R50x30-19	SLU_12	92,26	-1,47	43,05	9,42	9,42	0,625
1877	1	R50x30-19	SLU_12	26,80	-0,25	21,02	9,42	9,42	0,282
1878	1	R50x30-51	SLU_12	-6,25	-1,28	-26,83	15,33	12,57	0,201
	2	R50x30-52	SLU_12	-6,25	-0,40	-6,93	9,05	12,57	0,078
	3	R50x30-53	SLU_04	-8,11	-0,72	26,46	15,33	18,85	0,162
1879	1	R50x30-19	SLU_12	33,49	4,06	27,35	9,42	9,42	0,369
1880	1	R50x30-25	SLU_04	6,26	3,38	37,52	6,28	12,57	0,350
	2	R50x30-21	SLU_12	8,98	1,15	-9,39	6,28	6,28	0,178
	3	R50x30-26	SLU_04	6,26	-3,61	-37,83	12,57	6,28	0,353
1881	1	R50x30-28	SLU_12	43,81	5,64	-33,77	12,19	12,19	0,366
1882	1	R50x30-28	SLU_04	9,02	9,24	-37,27	12,19	12,19	0,366
1883	1	R50x30-19	SLU_12	104,84	10,13	-36,22	9,42	9,42	0,574
1884	1	R50x30-21	SLU_12	15,63	-12,83	-8,07	6,28	6,28	0,179
1885	1	R30x80-2	SLU_06	6,63	2,01	-195,29	9,42	9,42	0,751
1886	1	R30x80-2	SLU_12	57,67	2,43	-165,19	9,42	9,42	0,705
1887	1	R50x30-28	SLU_06	3,69	0,74	-13,84	12,19	12,19	0,134
1888	1	R50x30-26	SLU_12	6,30	-2,14	-3,16	12,57	6,28	0,036
	2	R50x30-21	SLU_12	6,30	-0,74	-1,79	6,28	6,28	0,043
1889	1	R50x30-19	SLU_06	-4,08	1,56	-34,05	9,42	9,42	0,400
1890	1	R50x30-19	SLU_12	11,16	-1,19	10,04	9,42	9,42	0,134
1891	1	R60x30-2	SLU_04	3,71	-0,58	-20,16	12,57	12,57	0,185
1892	1	R60x30-2	SLU_04	5,09	1,07	-20,55	12,57	12,57	0,190
1893	1	R50x30-19	SLU_12	8,48	1,71	10,12	9,42	9,42	0,132
1894	1	R50x30-19	SLU_06	-3,46	-1,81	-33,61	9,42	9,42	0,395
1895	1	R50x30-28	SLU_12	10,81	2,86	-3,51	12,19	12,19	0,045
1896	1	R50x30-28	SLU_06	10,09	1,18	-13,20	12,19	12,19	0,135
1897	1	R70x30-8	SLU_12	57,60	-3,61	-52,84	12,57	12,57	0,521
1898	1	R70x30-9	SLU_06	74,29	3,71	-51,72	15,71	15,71	0,432
1900	1	R70x30-8	SLU_06	32,72	1,30	-51,66	12,57	12,57	0,487
1902	1	R70x30-12	SLU_06	79,32	-3,23	-60,37	15,71	15,71	0,497
1903	1	R70x30-12	SLU_12	146,91	1,37	-60,17	15,71	15,71	0,545
	2	R70x30-13	SLU_06	100,82	-2,03	-70,09	21,99	15,71	0,428
1905	1	R70x30-13	SLU_06	90,96	-2,59	-70,38	21,99	15,71	0,425
	2	R70x30-12	SLU_12	132,09	0,56	-61,70	15,71	15,71	0,545
1906	1	R70x30-8	SLU_06	62,84	-3,47	-60,92	12,57	12,57	0,597
1908	1	R70x30-8	SLU_06	8,65	0,74	-53,41	12,57	12,57	0,480
1910	1	R70x30-9	SLU_06	140,54	5,91	-49,91	15,71	15,71	0,470
1912	1	R50x30-28	SLU_06	-1,10	0,27	-52,70	12,19	12,19	0,494
1913	1	R50x30-19	SLU_06	5,02	-1,13	-51,76	9,42	9,42	0,619
1914	1	R80x30-40	SLU_12	-54,61	-26,15	74,11	18,10	18,85	0,426
	2	R80x30-39	SLU_12	-54,61	33,93	-64,80	18,10	12,57	0,390
	1	R100x30-114	SLU_12	82,37	-68,56	-136,91	24,38	12,57	0,700

1916	2	R100x30-110	SLU_12	82,37	-8,67	40,09	18,10	12,57	0,419
	3	R100x30-114	SLU_12	82,37	-9,04	38,56	24,38	12,57	0,402
1918	1	R100x30-110	SLU_10	42,33	2,41	-39,88	18,10	12,57	0,273
	2	R100x30-113	SLU_10	42,33	-14,11	-52,82	24,38	18,85	0,272
1919	1	R100x30-113	SLU_10	2,74	-8,80	-99,68	24,38	18,85	0,472
	2	R100x30-110	SLU_10	2,74	-6,93	60,68	18,10	12,57	0,516
	3	R100x30-116	SLU_10	2,74	-8,58	-92,90	18,10	18,85	0,574
1920	1	R100x30-110	SLU_10	-9,33	-17,42	-48,53	18,10	12,57	0,298
	2	R100x30-111	SLU_10	-9,33	16,62	-85,13	36,95	12,57	0,276
	1	R100x30-111	SLU_10	-8,27	9,88	-64,94	36,95	12,57	0,210
1922	2	R100x30-110	SLU_12	10,07	-8,69	40,54	18,10	12,57	0,355
	3	R100x30-109	SLU_10	-8,27	23,67	-177,44	30,66	12,57	0,680
	1	R100x30-109	SLU_10	8,08	23,45	-175,01	30,66	12,57	0,678
1923	2	R100x30-110	SLU_12	36,47	-8,70	41,06	18,10	12,57	0,382
	3	R100x30-111	SLU_12	36,47	-4,18	22,29	36,95	12,57	0,220
	1	R100x30-111	SLU_12	29,60	22,24	-85,88	36,95	12,57	0,292
1925	2	R100x30-110	SLU_12	29,60	-23,60	-56,47	18,10	12,57	0,374
1926	1	R100x30-110	SLU_10	4,25	-8,86	-88,35	18,10	12,57	0,548
	2	R100x30-114	SLU_10	4,25	-7,32	-108,75	24,38	12,57	0,514
1927	1	R100x30-114	SLU_12	91,28	-20,40	-69,01	24,38	12,57	0,374
	2	R100x30-110	SLU_12	91,28	7,78	22,73	18,10	12,57	0,276
	1	R100x30-115	SLU_12	115,77	-22,87	90,81	18,10	25,13	0,477
1929	2	R100x30-110	SLU_12	115,77	-17,98	27,59	18,10	12,57	0,348
	3	R100x30-114	SLU_12	115,77	-93,92	-98,86	24,38	12,57	0,545
1933	1	R100x30-106	SLU_12	18,01	-3,32	-70,77	12,57	12,57	0,614
1935	1	R100x30-106	SLU_12	18,33	-2,92	-68,25	12,57	12,57	0,593
1938	1	R40x30-3	SLU_12	115,43	-3,19	34,60	9,42	9,42	0,569
1939	1	R40x30-3	SLU_12	103,75	-5,09	38,34	9,42	9,42	0,603
1940	1	R40x30-4	SLU_12	84,31	1,30	-35,81	6,28	6,28	0,786
1941	1	R40x30-4	SLU_12	94,95	1,88	-24,67	6,28	6,28	0,616
1961	1	R70x30-15	SLU_10	2,21	13,04	-106,98	18,10	18,10	0,687
1962	1	R70x30-15	SLU_10	2,60	16,53	-106,98	18,10	18,10	0,689
1963	1	R70x30-8	SLU_10	-8,00	2,74	58,98	12,57	12,57	0,515
1964	1	R70x30-8	SLU_12	23,34	-3,40	34,62	12,57	12,57	0,330
	1	R70x30-13	SLU_12	81,99	16,22	-26,24	21,99	15,71	0,190
1965	2	R70x30-12	SLU_12	81,99	-1,52	8,51	15,71	15,71	0,126
	3	R70x30-16	SLU_12	81,99	-6,50	29,36	15,71	21,99	0,204
	1	R70x30-13	SLU_12	80,94	16,16	-28,14	21,99	15,71	0,200
1966	2	R70x30-12	SLU_12	80,94	-2,00	9,37	15,71	15,71	0,132
	3	R70x30-16	SLU_12	80,94	-7,11	31,87	15,71	21,99	0,217
1967	1	R70x30-8	SLU_12	23,81	-4,28	37,18	12,57	12,57	0,354
1968	1	R70x30-9	SLU_12	-6,46	-3,50	59,52	15,71	15,71	0,428
1972	1	R50x30-19	SLU_12	117,71	3,27	45,00	9,42	9,42	0,681
1973	1	R50x30-19	SLU_12	113,61	-16,35	46,13	9,42	9,42	0,710
1974	1	R50x30-19	SLU_12	48,58	11,48	-74,39	9,42	9,42	0,959
1975	1	R50x30-19	SLU_12	49,53	3,99	-73,59	9,42	9,42	0,938
1976	1	R50x30-21	SLU_10	-9,53	-4,38	20,98	6,28	6,28	0,347
1977	1	R40x30-4	SLU_12	96,45	-19,40	35,68	6,28	6,28	0,836
1978	1	R40x30-4	SLU_12	121,39	-2,31	33,02	6,28	6,28	0,813
1979	1	R40x30-4	SLU_12	84,40	0,48	-28,84	6,28	6,28	0,661

1980	1	R40x30-4	SLU_12	90,22	2,48	-37,12	6,28	6,28	0,822
1981	1	L80x145-35	SLU_12	34,15	-37,04	-231,08	22,62	27,14	0,206
1985	1	R30x130-12	SLU_12	197,83	-6,77	-47,82	13,57	13,57	0,261
1988	1	R30x130-13	SLU_12	144,66	6,97	-41,94	13,57	13,57	0,202
1991	1	R30x130-13	SLU_12	143,40	7,29	-24,36	13,57	13,57	0,192
1994	1	R30x130-17	SLU_12	128,83	7,36	-13,94	18,10	16,71	0,137
1997	1	R30x130-17	SLU_12	69,75	7,39	5,43	18,10	16,71	0,097
2000	1	R30x130-17	SLU_12	145,54	7,23	10,72	18,10	16,71	0,151
2002	1	R30x130-11	SLU_12	6,41	-3,86	62,25	13,57	13,57	0,104
2003	1	R30x130-11	SLU_12	77,81	3,94	-34,18	13,57	13,57	0,127
2004	1	R30x130-11	SLU_12	15,46	-4,03	57,95	13,57	13,57	0,105
2005	1	R30x130-11	SLU_12	82,97	-4,05	-21,07	13,57	13,57	0,113
2006	1	R30x130-16	SLU_12	22,59	-4,18	53,86	18,10	16,71	0,086
2007	1	R30x130-16	SLU_12	82,24	4,05	-10,76	18,10	16,71	0,085
2008	1	R30x130-11	SLU_12	76,08	3,90	-42,50	13,57	13,57	0,138
2009	1	R30x130-11	SLU_12	18,03	-0,88	67,23	13,57	13,57	0,122
2010	1	R30x130-11	SLU_12	81,11	4,11	-27,77	13,57	13,57	0,120
2011	1	R30x130-11	SLU_12	23,38	-0,96	60,18	13,57	13,57	0,116
2012	1	R30x130-16	SLU_12	81,35	4,14	-18,51	18,10	16,71	0,087
2013	1	R30x130-16	SLU_12	26,41	-0,96	54,00	18,10	16,71	0,088
2014	1	R30x130-16	SLU_12	57,47	4,14	-11,90	18,10	16,71	0,068
2015	1	R30x130-16	SLU_12	27,74	-4,40	47,65	18,10	16,71	0,082
2016	1	R30x130-11	SLU_12	95,92	2,81	-52,92	13,57	13,57	0,172
2017	1	R30x130-11	SLU_12	-1,91	-0,85	87,28	13,57	13,57	0,135
2018	1	R30x130-16	SLU_12	78,87	1,15	19,41	18,10	16,71	0,085
2019	1	R30x130-16	SLU_12	44,74	4,28	54,91	18,10	16,71	0,104
2020	1	R30x130-16	SLU_12	25,18	-4,34	47,94	18,10	16,71	0,081
2021	1	R30x130-16	SLU_12	57,69	4,12	-8,96	18,10	16,71	0,067
2022	1	R30x130-16	SLU_12	41,34	4,30	55,35	18,10	16,71	0,102
2023	1	R30x130-16	SLU_12	78,61	1,17	21,84	18,10	16,71	0,088
2024	1	R30x130-11	SLU_12	2,03	-3,87	73,04	13,57	13,57	0,116
2025	1	R30x130-11	SLU_12	91,70	2,94	-37,99	13,57	13,57	0,145
2026	1	R30x90-5	SLU_12	458,10	-2,57	55,82	9,05	9,05	0,838
2027	1	R30x90-6	SLU_12	401,65	-3,40	65,65	9,05	9,05	0,792
2028	1	R30x90-5	SLU_12	284,62	14,93	3,36	9,05	9,05	0,556
2029	1	R30x90-5	SLU_12	213,33	-3,48	-29,65	9,05	9,05	0,403
2030	1	R30x90-5	SLU_12	220,32	-0,01	-12,52	9,05	9,05	0,354
2032	1	R30x90-6	SLU_12	402,31	2,44	64,00	9,05	9,05	0,787
2035	1	R30x90-5	SLU_12	217,60	-0,17	-13,64	9,05	9,05	0,354
2047	1	R30x90-8	SLU_12	374,94	1,51	-35,23	13,57	13,57	0,434
2048	1	R30x90-8	SLU_12	312,26	-0,69	-28,74	13,57	13,57	0,360
2049	1	R30x90-8	SLU_12	338,44	-0,49	-28,54	13,57	13,57	0,384
2053	1	R30x90-8	SLU_12	343,24	0,60	-30,89	13,57	13,57	0,394
2055	1	R30x30-2	SLU_06	-20,98	0,88	37,55	6,28	6,28	0,637
2056	1	R30x30-2	SLU_06	-21,40	2,30	37,47	6,28	6,28	0,637
2060	1	R100x35-65	SLU_12	799,45	-12,97	42,77	22,62	15,71	0,851
2061	1	R100x35-65	SLU_12	798,80	-13,15	42,75	22,62	15,71	0,851
2062	1	R100x35-148	SLU_12	193,82	-13,19	78,86	22,62	15,71	0,603
2063	1	R100x35-148	SLU_12	244,62	1,01	-101,73	22,62	15,71	0,548
	2	R100x35-149	SLU_12	244,62	19,20	-210,63	28,90	15,71	0,798

2064	1	R60x80-75	SLU_12	505,89	1,49	-473,58	24,38	27,14	0,958
	2	R60x80-76	SLU_12	505,89	3,98	306,42	24,38	27,14	0,640
	1	R60x80-77	SLU_12	540,33	-5,00	282,28	18,10	27,14	0,626
2065	2	R60x80-78	SLU_12	540,33	-4,15	222,46	24,38	27,14	0,547
	3	R60x80-79	SLU_12	540,33	-2,45	-304,14	24,38	27,14	0,726
	1	R60x80-80	SLU_12	540,67	-2,41	-302,08	24,38	18,85	0,723
2066	2	R60x80-81	SLU_12	540,67	-4,16	221,60	24,38	18,85	0,780
	3	R60x80-82	SLU_12	540,67	-5,04	279,98	18,10	18,85	0,891
	1	R60x80-83	SLU_12	506,12	3,99	304,88	24,38	18,85	0,913
2067	2	R60x80-84	SLU_12	506,12	1,58	-476,39	24,38	18,85	0,962
2068	1	R120x35-20	SLU_12	695,58	2,93	-196,11	31,67	27,14	0,853
2069	1	R120x35-20	SLU_12	695,09	2,35	-197,84	31,67	27,14	0,858
2070	1	R100x35-123	SLU_03	113,02	-34,49	-163,06	22,62	21,24	0,736
	1	R100x35-123	SLU_12	183,45	33,05	75,58	22,62	21,24	0,440
2071	2	R100x35-145	SLU_03	114,33	-35,57	-159,74	28,90	21,24	0,577
	1	R100x35-124	SLU_03	101,00	-5,49	-437,51	47,75	27,52	0,923
2072	2	R100x35-78	SLU_03	101,00	8,42	153,86	22,62	21,24	0,728
	1	R100x35-122	SLU_03	98,89	6,86	213,04	22,62	27,52	0,775
2073	2	R100x35-121	SLU_03	98,89	-8,65	-418,76	47,75	21,24	0,887
	1	R50x60-18	SLU_03	-12,79	10,94	-189,20	18,10	18,10	0,514
2074	2	R50x60-19	SLU_03	-12,79	-8,99	266,36	9,05	24,38	0,547
2075	1	R50x60-20	SLU_03	-19,13	11,69	259,41	18,10	18,10	0,700
	1	R50x60-18	SLU_03	-10,15	-10,65	-196,82	18,10	18,10	0,534
2076	2	R50x60-21	SLU_03	-10,15	8,76	269,59	18,10	24,38	0,550
	1	R50x60-20	SLU_03	-16,24	-11,64	261,22	18,10	18,10	0,710
2077	2	R50x60-22	SLU_12	-2,46	16,06	-170,05	24,38	24,38	0,351
2078	1	R100x35-119	SLU_03	13,91	3,66	141,96	21,24	21,24	0,626
	1	R100x35-119	SLU_03	13,62	4,03	-128,69	21,24	21,24	0,569
2079	2	R100x35-132	SLU_03	13,62	-16,70	-339,34	40,09	21,24	0,828
2080	1	R50x80-57	SLU_12	146,04	10,05	-136,15	15,71	15,71	0,429
	1	R50x80-56	SLU_12	155,38	-2,33	57,95	9,42	15,71	0,258
2081	2	R50x80-57	SLU_12	155,38	9,11	-50,09	15,71	15,71	0,240
	1	R50x80-65	SLU_12	31,03	17,95	-178,15	18,85	18,85	0,364
2082	2	R50x80-66	SLU_12	31,03	6,52	-84,29	18,85	12,57	0,183
	3	R50x80-65	SLU_12	31,03	-4,91	-20,82	18,85	18,85	0,061
2083	1	R50x80-65	SLU_12	56,79	14,34	-79,31	18,85	18,85	0,190
	1	R50x80-65	SLU_12	155,62	9,11	-50,37	18,85	18,85	0,201
2084	2	R50x80-67	SLU_12	155,62	-2,40	57,51	12,57	18,85	0,215
2085	1	R50x80-65	SLU_12	146,21	10,04	-135,83	18,85	18,85	0,358
2086	1	R50x80-65	SLU_12	57,86	14,23	-74,62	18,85	18,85	0,182
	1	R50x80-65	SLU_12	31,26	-4,82	-21,12	18,85	18,85	0,061
2087	2	R50x80-66	SLU_12	31,26	6,65	-86,35	18,85	12,57	0,187
	3	R50x80-65	SLU_12	31,26	18,11	-181,97	18,85	18,85	0,371
2088	1	R50x35-14	SLU_12	56,61	4,30	-14,01	6,28	6,28	0,316
2093	1	R50x35-15	SLU_12	10,16	-5,05	-9,22	9,42	9,42	0,106
2098	1	R50x35-15	SLU_12	14,91	3,35	-8,68	9,42	9,42	0,107
2103	1	R50x35-15	SLU_12	15,87	2,97	-7,65	9,42	9,42	0,098
2108	1	R50x35-15	SLU_12	14,90	3,37	-8,74	9,42	9,42	0,107
2113	1	R50x35-15	SLU_12	64,43	3,90	-7,25	9,42	9,42	0,158
2118	1	R50x35-15	SLU_12	63,99	2,49	-6,92	9,42	9,42	0,154

2123	1	R50x35-15	SLU_12	14,83	3,17	-8,58	9,42	9,42	0,105
2128	1	R50x35-15	SLU_12	15,85	3,16	-7,81	9,42	9,42	0,099
2133	1	R50x35-15	SLU_12	14,59	3,77	-8,11	9,42	9,42	0,101
2138	1	R50x35-15	SLU_12	8,50	5,08	-8,61	9,42	9,42	0,098
2143	1	R50x35-14	SLU_12	60,52	5,03	-15,18	6,28	6,28	0,340
2148	1	R100x35-67	SLU_12	570,08	12,41	-235,21	35,19	15,71	0,841
	2	R100x35-140	SLU_12	570,08	-19,91	80,93	22,62	15,71	0,896
2149	1	R100x35-70	SLU_12	607,29	-6,48	113,00	22,62	21,99	0,809
	2	R100x35-66	SLU_12	607,29	4,25	-216,10	35,19	15,71	0,801
2150	1	R100x35-67	SLU_12	474,20	26,57	-269,27	35,19	15,71	0,904
	2	R100x35-140	SLU_12	474,20	-22,58	82,12	22,62	15,71	0,834
2151	1	R100x35-70	SLU_12	489,30	-4,07	115,41	22,62	21,99	0,754
	2	R100x35-66	SLU_12	489,30	46,48	-233,70	35,19	15,71	0,818
2152	1	R50x80-65	SLU_12	388,40	5,06	-270,79	18,85	18,85	0,777
2153	1	R50x80-65	SLU_12	395,71	9,33	-148,81	18,85	18,85	0,551
2154	1	R50x80-82	SLU_12	438,95	7,99	-189,28	18,10	18,10	0,684
2155	1	R50x80-82	SLU_12	454,34	8,60	-127,96	18,10	18,10	0,574
2156	1	R50x80-82	SLU_12	454,40	8,57	-127,76	18,10	18,10	0,573
2157	1	R50x80-82	SLU_12	438,53	8,24	-189,15	18,10	18,10	0,683
2158	1	R50x80-65	SLU_12	405,59	9,49	-144,61	18,85	18,85	0,550
2159	1	R50x80-65	SLU_12	401,22	7,12	-272,46	18,85	18,85	0,790
2160	1	R50x35-15	SLU_12	-9,72	-3,06	3,41	9,42	9,42	0,027
2165	1	R50x35-15	SLU_12	-14,14	-1,75	3,47	9,42	9,42	0,021
2170	1	R50x35-15	SLU_12	-22,54	-1,12	4,06	9,42	9,42	0,020
2175	1	R50x35-15	SLU_12	-23,23	1,28	4,48	9,42	9,42	0,023
2180	1	R50x35-15	SLU_12	-28,61	2,80	4,63	9,42	9,42	0,027
2185	1	R50x35-15	SLU_12	-28,53	-2,59	4,56	9,42	9,42	0,026
2190	1	R50x35-15	SLU_12	-22,75	-1,03	4,76	9,42	9,42	0,024
2195	1	R50x35-15	SLU_12	-21,72	1,08	4,73	9,42	9,42	0,025
2200	1	R50x35-15	SLU_12	-13,67	1,76	3,88	9,42	9,42	0,024
2205	1	R50x35-15	SLU_12	-9,09	3,06	3,67	9,42	9,42	0,029
2210	1	R50x35-15	SLU_12	8,51	6,32	6,77	9,42	9,42	0,081
2215	1	R50x35-15	SLU_12	10,16	-6,30	7,89	9,42	9,42	0,094
2220	1	R100x35-102	SLU_01	46,45	-5,86	-276,47	31,42	12,57	0,858
	2	R100x35-103	SLU_12	79,28	-2,72	141,81	18,85	18,85	0,740
2223	1	R80x30-31	SLU_12	126,35	-45,87	-22,51	15,71	15,71	0,272
2224	1	R100x35-104	SLU_12	62,49	-7,26	96,09	18,85	12,57	0,733
	2	R100x35-102	SLU_01	37,08	5,09	-287,63	31,42	12,57	0,888
2225	1	R100x35-102	SLU_02	8,49	3,03	-263,64	31,42	12,57	0,804
	2	R100x35-104	SLU_02	8,49	-2,84	90,25	18,85	12,57	0,639
2226	1	R100x30-85	SLU_12	627,10	-32,45	-56,20	21,24	21,24	0,658
2228	1	R100x35-103	SLU_02	3,19	-1,94	134,24	18,85	18,85	0,655
	2	R100x35-102	SLU_02	3,19	-5,09	-257,36	31,42	12,57	0,783
2229	1	R100x35-114	SLU_01	43,21	5,25	-214,59	25,13	12,57	0,823
	2	R100x35-113	SLU_01	43,21	-4,89	72,40	12,57	12,57	0,550
2230	1	R100x35-115	SLU_01	50,94	-1,59	107,66	12,57	18,85	0,556
	2	R100x35-114	SLU_01	50,94	-5,81	-204,02	25,13	12,57	0,786
2231	1	R100x35-93	SLU_02	36,53	-3,16	-303,46	36,95	18,10	0,804
	2	R100x35-95	SLU_02	36,53	-1,70	165,10	18,10	24,38	0,652
2232	1	R100x35-79	SLU_02	38,49	-5,83	108,78	18,10	18,10	0,576

2232	2	R100x35-93	SLU_02	38,49	4,52	-333,70	36,95	18,10	0,884
2233	1	R100x35-108	SLU_02	18,99	3,73	-299,62	34,56	15,71	0,840
	2	R100x35-106	SLU_02	18,99	-5,40	102,74	15,71	15,71	0,607
2234	1	R100x35-109	SLU_02	21,37	-1,16	152,81	15,71	21,99	0,656
	2	R100x35-108	SLU_02	21,37	2,72	-291,22	34,56	15,71	0,817
2235	1	R100x35-110	SLU_02	24,67	2,64	-138,02	21,99	15,71	0,596
	2	R100x35-106	SLU_06	24,81	3,50	67,13	15,71	15,71	0,404
2236	1	R100x35-106	SLU_06	33,79	2,29	68,92	15,71	15,71	0,420
	2	R100x35-110	SLU_02	33,54	-19,20	-168,52	21,99	15,71	0,733
2237	1	L80x145-31	SLU_12	28,66	-24,06	-326,69	22,62	27,14	0,286
2238	1	L80x145-36	SLU_12	32,50	15,74	-104,20	22,62	40,72	0,102
	2	L80x145-37	SLU_12	32,50	79,78	377,83	13,57	40,72	0,207
2239	3	L80x145-39	SLU_12	32,50	101,28	328,12	26,14	40,72	0,227
	1	L80x145-38	SLU_12	23,66	58,89	235,17	26,14	40,72	0,139
	2	L80x145-37	SLU_12	23,66	80,28	421,40	13,57	40,72	0,219
2240	1	L80x145-32	SLU_12	11,49	49,82	260,18	26,14	39,71	0,140
	2	L80x145-33	SLU_12	11,49	-21,32	-139,98	26,14	39,71	0,105
	3	L80x145-34	SLU_12	11,49	-68,74	-501,62	35,19	39,71	0,277
2241	1	R100x35-99	SLU_01	37,40	4,20	-208,83	21,99	15,71	0,902
	2	R100x35-98	SLU_01	37,40	0,21	-68,04	15,71	15,71	0,417
2242	1	R100x35-98	SLU_01	36,58	-1,59	99,46	15,71	15,71	0,598
	2	R100x35-99	SLU_01	36,58	2,14	-182,12	21,99	15,71	0,788
2243	1	R100x35-93	SLU_02	21,13	4,13	-333,04	36,95	18,10	0,877
	2	R100x35-79	SLU_02	21,13	-3,82	116,37	18,10	18,10	0,602
2244	1	R100x35-95	SLU_02	23,55	-0,39	164,56	18,10	24,38	0,643
	2	R100x35-93	SLU_02	23,55	1,51	-320,85	36,95	18,10	0,845
2245	1	R120x35-11	SLU_02	24,29	-2,63	-160,57	21,24	21,24	0,702
2246	1	R120x35-11	SLU_02	19,96	-1,78	86,29	21,24	21,24	0,381
	2	R120x35-13	SLU_02	19,96	3,11	-175,61	40,09	21,24	0,426
2247	1	R50x35-14	SLU_12	11,24	-1,83	5,32	6,28	6,28	0,099
2252	1	R50x35-14	SLU_12	9,95	-1,39	5,73	6,28	6,28	0,102
2257	1	R50x35-14	SLU_12	10,24	-1,20	6,66	6,28	6,28	0,116
2262	1	R50x35-14	SLU_12	11,77	-1,10	7,02	6,28	6,28	0,124
2267	1	R50x35-15	SLU_12	15,76	-0,80	7,03	9,42	9,42	0,090
2272	1	R80x35-13	SLU_12	9,60	-1,00	10,47	12,57	12,57	0,085
2277	1	R80x35-13	SLU_12	-12,70	1,03	10,36	12,57	12,57	0,063
2282	1	L80x145-16	SLU_12	24,07	8,02	70,58	22,62	22,62	0,076
2287	1	R50x35-14	SLU_12	11,21	-1,35	5,88	6,28	6,28	0,107
2292	1	R50x35-14	SLU_12	11,15	-1,24	5,44	6,28	6,28	0,101
2297	1	R50x35-15	SLU_12	13,96	2,08	-8,84	9,42	9,42	0,106
2302	1	R50x35-15	SLU_12	13,86	2,39	-8,65	9,42	9,42	0,104
2307	1	R50x60-10	SLU_02	4,18	-1,83	-142,66	12,57	6,28	0,560
	2	R50x60-11	SLU_02	4,18	-0,18	75,11	12,57	12,57	0,297
	3	R50x60-12	SLU_02	4,18	-1,10	203,54	6,28	12,57	0,797
2308	1	R50x60-11	SLU_02	9,14	-0,35	193,63	12,57	12,57	0,764
2309	1	R50x60-11	SLU_01	4,20	1,84	-107,65	12,57	12,57	0,424
	2	R50x60-12	SLU_01	4,20	-1,36	147,49	6,28	12,57	0,578
2310	1	R50x60-11	SLU_01	8,97	-1,51	142,00	12,57	12,57	0,563
2311	1	R100x35-92	SLU_02	24,09	-0,13	134,08	18,10	18,10	0,691
2312	1	R100x35-92	SLU_02	30,59	1,08	-105,10	18,10	18,10	0,550

2312	2	R100x35-93	SLU_02	30,59	3,77	-295,31	36,95	18,10	0,781
	1	R50x80-70	SLU_02	29,41	2,28	-134,86	21,99	15,71	0,237
2313	2	R50x80-71	SLU_12	41,29	2,17	-54,66	15,71	9,42	0,158
	3	R50x80-69	SLU_12	41,29	0,42	-9,22	15,71	15,71	0,054
2314	1	R50x80-69	SLU_12	50,50	1,58	-9,92	15,71	15,71	0,064
	2	R50x80-70	SLU_02	34,98	1,25	-58,24	21,99	15,71	0,115
2315	1	R50x80-57	SLU_02	38,39	1,00	-112,07	15,71	15,71	0,286
2316	1	R50x80-56	SLU_12	65,45	0,42	46,79	9,42	15,71	0,158
	2	R50x80-57	SLU_02	43,79	0,67	-56,78	15,71	15,71	0,164
2317	1	R50x80-57	SLU_12	77,95	1,49	47,78	15,71	15,71	0,171
2318	1	R50x80-56	SLU_12	73,06	0,45	84,21	9,42	15,71	0,249
	2	R50x80-58	SLU_02	48,32	0,47	-114,69	15,71	9,42	0,299
2319	1	R50x80-57	SLU_02	42,69	0,73	-56,76	15,71	15,71	0,164
	2	R50x80-56	SLU_12	64,17	0,61	46,56	9,42	15,71	0,157
2320	1	R50x80-57	SLU_02	37,72	1,06	-112,48	15,71	15,71	0,286
2321	1	R50x80-65	SLU_12	48,76	2,85	-44,90	18,85	18,85	0,118
2322	1	R50x80-65	SLU_12	38,14	0,52	-13,72	18,85	18,85	0,052
	2	R50x80-66	SLU_12	38,14	4,51	-109,97	18,85	12,57	0,235
2323	1	L80x145-40	SLU_12	18,48	-52,88	-422,44	35,19	39,71	0,236
	2	L80x145-41	SLU_12	18,48	37,86	205,00	24,76	39,71	0,113
2324	1	L80x145-47	SLU_12	-2,71	74,13	271,55	12,19	36,19	0,208
	2	L80x145-43	SLU_12	-2,71	50,93	201,22	24,76	36,19	0,137
2325	1	L80x145-44	SLU_12	-15,56	89,59	277,66	24,76	36,19	0,225
	2	L80x145-42	SLU_12	-15,56	78,64	355,69	12,19	36,19	0,224
	3	L80x145-45	SLU_01	-17,40	51,86	171,47	12,19	36,19	0,137
2326	1	L80x145-46	SLU_12	-25,97	-2,59	-101,00	24,76	39,71	0,068
2327	1	L80x145-30	SLU_12	41,33	3,14	2,89	22,62	22,62	0,035
2332	1	R100x30-69	SLU_01	17,35	-2,97	-199,19	28,27	15,71	0,825
	2	R100x30-70	SLU_01	17,35	-1,26	101,21	15,71	15,71	0,716
2333	1	R100x30-70	SLU_01	14,95	1,79	68,51	15,71	15,71	0,487
	2	R100x30-69	SLU_01	14,95	-1,83	-202,64	28,27	15,71	0,838
2334	1	R100x30-69	SLU_01	2,28	-2,41	-201,89	28,27	15,71	0,830
	2	R100x30-70	SLU_01	2,28	2,50	67,93	15,71	15,71	0,474
2335	1	R100x30-70	SLU_01	-3,17	-1,51	101,28	15,71	15,71	0,702
	2	R100x30-69	SLU_01	-3,17	-1,73	-198,70	28,27	15,71	0,814
2336	1	R100x30-69	SLU_01	8,26	-2,13	-200,23	28,27	15,71	0,825
	2	R100x30-70	SLU_01	8,26	-1,44	101,15	15,71	15,71	0,709
2337	1	R100x30-70	SLU_01	12,16	1,75	68,19	15,71	15,71	0,483
	2	R100x30-69	SLU_01	12,16	-1,99	-200,38	28,27	15,71	0,827
2338	1	R100x30-69	SLU_01	8,66	-1,65	-201,62	28,27	15,71	0,831
	2	R100x30-70	SLU_01	8,66	1,67	68,92	15,71	15,71	0,485
2339	1	R100x30-70	SLU_01	10,96	-1,06	101,39	15,71	15,71	0,712
	2	R100x30-69	SLU_01	10,96	-3,01	-199,87	28,27	15,71	0,825
2340	1	R100x30-100	SLU_01	21,51	1,74	-180,83	25,13	12,57	0,836
	2	R100x30-107	SLU_01	21,51	-1,15	94,32	12,57	18,85	0,572
2341	1	R100x30-102	SLU_01	19,12	-1,33	62,33	12,57	12,57	0,544
	2	R100x30-101	SLU_01	19,12	-2,48	-194,14	25,13	12,57	0,895
2342	1	R100x30-100	SLU_01	11,79	-1,46	-189,06	25,13	12,57	0,869
	2	R100x30-99	SLU_01	11,79	-1,60	63,21	12,57	12,57	0,545
2343	1	R100x30-107	SLU_01	13,11	-1,10	94,51	12,57	18,85	0,568

2343	2	R100x30-100	SLU_01	13,11	1,35	-184,87	25,13	12,57	0,850
2344	1	R100x30-104	SLU_06	-2,14	4,59	-71,37	18,85	12,57	0,423
	2	R100x30-99	SLU_06	-2,14	-5,32	49,62	12,57	12,57	0,419
2345	1	R100x30-99	SLU_06	-5,14	-4,95	49,45	12,57	12,57	0,415
	2	R100x30-104	SLU_06	-5,14	4,66	-68,17	18,85	12,57	0,403
2346	1	R100x30-100	SLU_01	29,87	1,26	-186,95	25,13	12,57	0,868
	2	R100x30-107	SLU_01	29,87	-0,96	94,34	12,57	18,85	0,577
2347	1	R100x30-99	SLU_01	27,00	-1,53	63,56	12,57	12,57	0,562
	2	R100x30-100	SLU_01	27,00	-1,11	-187,88	25,13	12,57	0,870
2348	1	R100x30-101	SLU_01	8,00	-2,37	-192,66	25,13	12,57	0,883
	2	R100x30-102	SLU_01	8,00	-1,33	63,02	12,57	12,57	0,540
2349	1	R100x30-107	SLU_01	10,14	-1,08	94,65	12,57	18,85	0,567
	2	R100x30-100	SLU_01	10,14	1,34	-181,78	25,13	12,57	0,835
2350	1	R100x30-69	SLU_01	17,12	1,54	-198,78	28,27	15,71	0,823
	2	R100x30-70	SLU_01	17,12	-2,54	68,03	15,71	15,71	0,486
2351	1	R100x30-70	SLU_01	14,58	-1,23	96,29	15,71	15,71	0,679
	2	R100x30-69	SLU_01	14,58	1,95	-192,49	28,27	15,71	0,796
2352	1	R100x30-69	SLU_01	22,33	2,16	-192,40	28,27	15,71	0,799
	2	R100x30-70	SLU_01	22,33	-1,12	96,16	15,71	15,71	0,684
2353	1	R100x30-70	SLU_01	26,61	-2,33	67,84	15,71	15,71	0,491
	2	R100x30-69	SLU_01	26,61	1,32	-199,29	28,27	15,71	0,829
2354	1	R50x30-21	SLU_12	8,67	-0,42	2,16	6,28	6,28	0,054
2359	1	R50x30-21	SLU_12	8,61	-0,43	2,29	6,28	6,28	0,056
2364	1	R50x30-21	SLU_12	9,73	-0,43	2,68	6,28	6,28	0,065
2369	1	R50x30-21	SLU_12	10,96	-0,49	2,81	6,28	6,28	0,070
2374	1	R50x30-21	SLU_12	14,76	-0,52	3,09	6,28	6,28	0,082
2379	1	R50x30-21	SLU_12	12,67	-0,09	3,12	6,28	6,28	0,076
2384	1	R50x30-21	SLU_12	9,42	-0,35	3,15	6,28	6,28	0,072
2389	1	R50x30-21	SLU_12	8,01	-0,39	3,36	6,28	6,28	0,073
2394	1	R50x30-21	SLU_12	8,23	-0,45	2,54	6,28	6,28	0,060
2399	1	R50x30-21	SLU_12	8,73	-0,60	2,22	6,28	6,28	0,055
2404	1	R50x30-21	SLU_04	8,40	0,60	-4,18	6,28	6,28	0,088
2409	1	R50x30-21	SLU_04	7,04	-0,61	-4,62	6,28	6,28	0,092
2414	1	R50x60-10	SLU_01	19,08	-1,80	-102,04	12,57	6,28	0,417
	2	R50x60-11	SLU_01	19,08	0,20	50,53	12,57	12,57	0,216
	3	R50x60-12	SLU_01	19,08	1,39	141,36	6,28	12,57	0,569
2415	1	R50x60-11	SLU_01	17,01	-1,07	135,81	12,57	12,57	0,547
2416	1	R50x60-10	SLU_01	16,72	1,55	-105,54	12,57	6,28	0,428
	2	R50x60-11	SLU_01	16,72	-0,13	50,44	12,57	12,57	0,213
	3	R50x60-12	SLU_01	16,72	-1,14	143,41	6,28	12,57	0,575
2417	1	R50x60-11	SLU_01	14,70	1,39	137,36	12,57	12,57	0,550
2418	1	R100x30-67	SLU_01	8,58	3,83	-79,91	15,71	15,71	0,563
2419	1	R100x30-67	SLU_01	11,69	-0,90	-56,44	15,71	15,71	0,400
	2	R100x30-82	SLU_01	11,69	1,32	-163,57	21,99	15,71	0,850
2420	1	R100x30-82	SLU_01	6,07	1,55	-162,25	21,99	15,71	0,840
	2	R100x30-67	SLU_01	6,07	-0,86	-55,58	15,71	15,71	0,390
2421	1	R100x30-67	SLU_01	5,26	3,81	-80,29	15,71	15,71	0,563
2422	1	R50x80-84	SLU_01	18,45	1,51	-83,43	21,99	9,42	0,147
	2	R50x80-71	SLU_12	24,87	1,50	-35,57	15,71	9,42	0,101
	3	R50x80-69	SLU_12	24,87	0,94	-8,04	15,71	15,71	0,038

2423	1	R50x80-69	SLU_12	32,83	0,62	-6,25	15,71	15,71	0,041
	2	R50x80-70	SLU_01	24,40	-2,15	-33,09	21,99	15,71	0,068
2424	1	R50x80-57	SLU_01	29,42	-1,42	-68,14	15,71	15,71	0,178
2425	1	R50x80-56	SLU_12	43,99	0,90	29,00	9,42	15,71	0,101
	2	R50x80-57	SLU_01	31,96	-2,11	-27,76	15,71	15,71	0,089
2426	1	R50x80-69	SLU_01	33,96	-2,11	-28,13	15,71	15,71	0,091
	2	R50x80-68	SLU_12	46,22	1,06	28,85	9,42	15,71	0,102
2427	1	R50x80-69	SLU_01	32,34	-1,57	-68,18	15,71	15,71	0,181
2428	1	R50x80-69	SLU_01	26,28	-2,29	-30,19	15,71	15,71	0,090
2429	1	R50x80-69	SLU_12	26,50	0,90	-8,46	15,71	15,71	0,041
	2	R50x80-71	SLU_12	26,50	1,57	-37,54	15,71	9,42	0,107
	3	R50x80-84	SLU_01	20,37	1,67	-86,27	21,99	9,42	0,153
2430	1	R100x30-69	SLU_01	19,28	-2,31	-199,40	28,27	15,71	0,826
	2	R100x30-70	SLU_01	19,28	-0,99	102,04	15,71	15,71	0,723
	3	R100x30-69	SLU_01	14,06	-1,11	-200,06	28,27	15,71	0,827
2432	1	R100x30-69	SLU_01	4,22	-1,06	-199,94	28,27	15,71	0,822
	2	R100x30-70	SLU_01	4,22	1,40	68,96	15,71	15,71	0,482
2433	1	R100x30-70	SLU_01	-1,68	-1,15	101,96	15,71	15,71	0,707
	2	R100x30-69	SLU_01	-1,68	-1,66	-199,22	28,27	15,71	0,817
2434	1	R100x30-69	SLU_01	-0,51	-1,77	-199,54	28,27	15,71	0,819
	2	R100x30-70	SLU_01	-0,51	-1,10	102,01	15,71	15,71	0,708
2435	1	R100x30-70	SLU_01	5,01	1,36	69,11	15,71	15,71	0,484
	2	R100x30-69	SLU_01	5,01	-0,99	-199,52	28,27	15,71	0,821
2436	1	R100x30-69	SLU_01	14,11	-1,12	-199,74	28,27	15,71	0,825
	2	R100x30-70	SLU_01	14,11	1,39	69,73	15,71	15,71	0,495
2437	1	R100x30-70	SLU_01	18,70	-0,97	102,01	15,71	15,71	0,722
	2	R100x30-69	SLU_01	18,70	-2,20	-199,81	28,27	15,71	0,828
2438	1	R100x30-100	SLU_01	16,35	2,28	-183,06	25,13	12,57	0,844
	2	R100x30-107	SLU_01	16,35	-0,70	95,23	12,57	18,85	0,574
	3	R100x30-100	SLU_01	13,45	-1,16	-189,70	25,13	12,57	0,872
2440	1	R100x30-100	SLU_01	12,94	-0,40	-186,97	25,13	12,57	0,859
	2	R100x30-99	SLU_01	12,94	-1,32	64,33	12,57	12,57	0,555
2441	1	R100x30-107	SLU_01	15,07	-0,50	95,24	12,57	18,85	0,573
	2	R100x30-100	SLU_01	15,07	0,79	-185,53	25,13	12,57	0,854
2442	1	R100x30-99	SLU_06	-1,12	2,51	-99,73	12,57	12,57	0,842
2443	1	R100x30-99	SLU_06	-0,35	2,43	-99,83	12,57	12,57	0,843
2444	1	R100x30-100	SLU_01	14,78	0,80	-185,95	25,13	12,57	0,856
	2	R100x30-107	SLU_01	14,78	-0,48	95,30	12,57	18,85	0,573
2445	1	R100x30-99	SLU_01	12,83	-1,29	64,53	12,57	12,57	0,557
	2	R100x30-100	SLU_01	12,83	-0,40	-186,47	25,13	12,57	0,857
2446	1	R100x30-100	SLU_01	14,27	-1,17	-189,14	25,13	12,57	0,870
	2	R100x30-99	SLU_01	14,27	-0,71	64,27	12,57	12,57	0,555
2447	1	R100x30-107	SLU_01	17,39	-0,73	95,18	12,57	18,85	0,574
	2	R100x30-100	SLU_01	17,39	2,25	-183,75	25,13	12,57	0,848
2448	1	R100x30-101	SLU_01	16,99	1,10	-194,77	25,13	12,57	0,897
	2	R100x30-102	SLU_01	16,99	-1,69	68,81	12,57	12,57	0,597
2449	1	R100x30-103	SLU_01	14,74	-0,68	96,68	12,57	18,85	0,581
	2	R100x30-101	SLU_01	14,74	1,23	-193,69	25,13	12,57	0,891
2450	1	R100x30-101	SLU_01	14,64	1,18	-193,64	25,13	12,57	0,891
	2	R100x30-103	SLU_01	14,64	-0,65	96,68	12,57	18,85	0,581

2451	1	R100x30-102	SLU_01	16,81	-1,63	68,81	12,57	12,57	0,597
	2	R100x30-101	SLU_01	16,81	1,03	-194,81	25,13	12,57	0,897
2452	1	R50x30-21	SLU_12	6,65	0,28	1,09	6,28	6,28	0,031
2457	1	R50x30-21	SLU_12	7,17	-0,10	1,16	6,28	6,28	0,033
2462	1	R50x30-21	SLU_12	8,31	-0,11	1,36	6,28	6,28	0,039
2467	1	R50x30-21	SLU_12	9,02	-0,12	1,45	6,28	6,28	0,042
2472	1	R50x30-21	SLU_12	10,60	-0,13	1,72	6,28	6,28	0,049
2477	1	R50x30-21	SLU_12	10,33	-0,05	1,69	6,28	6,28	0,047
2482	1	R50x30-21	SLU_12	9,01	-0,19	1,53	6,28	6,28	0,043
2487	1	R50x30-21	SLU_12	8,28	-0,21	1,24	6,28	6,28	0,037
2492	1	R50x30-21	SLU_12	7,02	-0,23	1,28	6,28	6,28	0,036
2497	1	R50x30-21	SLU_12	6,66	-0,29	1,15	6,28	6,28	0,033
2502	1	R50x30-21	SLU_04	1,75	0,42	-1,80	6,28	6,28	0,034
2507	1	R50x30-21	SLU_04	2,45	-0,47	-1,95	6,28	6,28	0,038
2512	1	R50x60-10	SLU_01	23,75	-0,88	-104,35	12,57	6,28	0,430
	2	R50x60-11	SLU_01	23,75	0,25	53,74	12,57	12,57	0,233
	3	R50x60-12	SLU_01	23,75	0,87	148,26	6,28	12,57	0,601
2513	1	R50x60-11	SLU_01	22,07	-0,58	142,06	12,57	12,57	0,577
	1	R50x60-10	SLU_01	24,05	0,92	-106,44	12,57	6,28	0,439
2514	2	R50x60-11	SLU_01	24,05	-0,25	52,99	12,57	12,57	0,231
	3	R50x60-12	SLU_01	24,05	-0,91	148,38	6,28	12,57	0,602
2515	1	R50x60-11	SLU_01	22,49	0,58	141,93	12,57	12,57	0,575
2516	1	R100x30-99	SLU_01	3,83	2,24	-80,52	12,57	12,57	0,684
2517	1	R100x30-99	SLU_01	7,27	-0,37	-53,19	12,57	12,57	0,455
	2	R100x30-100	SLU_01	7,27	0,36	-158,58	25,13	12,57	0,727
2518	1	R100x30-100	SLU_01	8,31	0,34	-157,99	25,13	12,57	0,725
	2	R100x30-99	SLU_01	8,31	-0,40	-52,85	12,57	12,57	0,453
2519	1	R100x30-99	SLU_01	4,55	2,14	-80,94	12,57	12,57	0,688
2520	1	R50x80-84	SLU_01	5,52	-1,15	-66,37	21,99	9,42	0,112
	2	R50x80-71	SLU_12	7,93	0,52	-22,91	15,71	9,42	0,059
	3	R50x80-69	SLU_01	5,52	1,09	6,45	15,71	15,71	0,019
2521	1	R50x80-70	SLU_01	9,37	0,77	6,51	21,99	15,71	0,022
	2	R50x80-69	SLU_01	9,37	-1,43	-36,68	15,71	15,71	0,091
2522	1	R50x80-57	SLU_01	15,51	-0,94	-59,41	15,71	15,71	0,147
2523	1	R50x80-56	SLU_01	14,68	1,29	27,98	9,42	15,71	0,075
	2	R50x80-57	SLU_01	14,68	-1,41	-40,60	15,71	15,71	0,104
2524	1	R50x80-69	SLU_01	15,18	-1,33	-40,81	15,71	15,71	0,105
	2	R50x80-68	SLU_01	15,18	1,25	27,93	9,42	15,71	0,076
2525	1	R50x80-69	SLU_01	16,09	-0,92	-59,37	15,71	15,71	0,148
2526	1	R50x80-69	SLU_01	10,24	-1,42	-35,29	15,71	15,71	0,089
	2	R50x80-70	SLU_12	13,38	0,84	6,06	21,99	15,71	0,025
2527	1	R50x80-69	SLU_01	6,40	1,08	6,72	15,71	15,71	0,021
	2	R50x80-71	SLU_12	9,22	0,54	-23,65	15,71	9,42	0,061
	3	R50x80-84	SLU_01	6,40	-1,15	-67,49	21,99	9,42	0,114
2535	1	R80x30-19	SLU_12	408,97	-2,30	-156,52	28,90	15,71	0,811
	2	R80x30-20	SLU_12	408,97	-3,28	88,12	22,62	21,99	0,687
2536	1	R80x30-17	SLU_12	351,62	-15,35	62,06	22,62	15,71	0,713
	2	R80x30-19	SLU_12	351,62	4,19	-165,79	28,90	15,71	0,826
2537	1	R80x30-19	SLU_12	180,08	8,83	-162,00	28,90	15,71	0,741
	2	R80x30-17	SLU_12	180,08	-0,27	61,17	22,62	15,71	0,568

2538	1	R80x30-17	SLU_12	117,68	-1,47	88,09	22,62	15,71	0,715
	2	R80x30-19	SLU_04	65,97	11,84	-161,89	28,90	15,71	0,695
2539	1	R80x30-19	SLU_04	65,34	11,83	-162,27	28,90	15,71	0,697
	2	R80x30-17	SLU_12	117,78	-1,46	88,16	22,62	15,71	0,715
2540	1	R80x30-17	SLU_12	180,84	-0,34	61,35	22,62	15,71	0,570
	2	R80x30-19	SLU_12	180,84	8,92	-161,37	28,90	15,71	0,738
2541	1	R80x30-19	SLU_12	353,74	4,19	-164,35	28,90	15,71	0,821
	2	R80x30-17	SLU_12	353,74	-15,47	62,28	22,62	15,71	0,716
2542	1	R80x30-20	SLU_12	411,65	-3,32	87,94	22,62	21,99	0,688
	2	R80x30-19	SLU_12	411,65	-2,19	-158,11	28,90	15,71	0,819
2543	1	R100x30-117	SLU_04	140,83	17,69	-194,51	30,66	12,57	0,800
	2	R100x30-115	SLU_12	228,93	-3,28	110,40	18,10	25,13	0,613
	3	R100x30-118	SLU_12	228,93	1,32	111,89	24,38	25,13	0,619
2544	1	R100x30-113	SLU_12	216,55	10,69	76,20	24,38	18,85	0,587
	2	R100x30-114	SLU_12	216,55	2,64	-66,01	24,38	12,57	0,418
	3	R100x30-112	SLU_04	131,23	6,41	-224,83	36,95	12,57	0,767
2545	1	R100x30-112	SLU_04	148,43	5,99	-214,03	36,95	12,57	0,737
	2	R100x30-114	SLU_12	244,26	1,33	-58,38	24,38	12,57	0,395
	3	R100x30-113	SLU_12	244,26	-19,26	77,56	24,38	18,85	0,615
2546	1	R100x30-118	SLU_12	289,43	-6,25	111,67	24,38	25,13	0,648
	2	R100x30-115	SLU_12	289,43	-5,75	108,60	18,10	25,13	0,634
	3	R100x30-112	SLU_04	176,02	-1,97	-203,52	36,95	12,57	0,711
2547	1	R100x30-114	SLU_12	279,04	28,46	-119,67	24,38	12,57	0,710
	2	R100x30-110	SLU_12	279,04	-5,71	47,61	18,10	12,57	0,653
	3	R100x30-116	SLU_12	279,04	-19,37	73,84	18,10	18,85	0,620
2548	1	R100x30-116	SLU_12	279,10	-19,01	73,99	18,10	18,85	0,621
	2	R100x30-110	SLU_12	279,10	-5,77	47,56	18,10	12,57	0,653
	3	R100x30-114	SLU_12	279,10	27,31	-120,20	24,38	12,57	0,712
2549	1	R100x30-112	SLU_04	175,53	-2,03	-203,73	36,95	12,57	0,711
	2	R100x30-115	SLU_12	289,18	-5,78	108,63	18,10	25,13	0,634
	3	R100x30-118	SLU_12	289,18	-6,28	111,74	24,38	25,13	0,648
2550	1	R100x30-113	SLU_12	243,93	-19,39	77,70	24,38	18,85	0,616
	2	R100x30-114	SLU_12	243,93	1,31	-58,13	24,38	12,57	0,394
	3	R100x30-112	SLU_04	147,87	6,13	-213,70	36,95	12,57	0,736
2551	1	R100x30-112	SLU_04	132,76	6,47	-222,28	36,95	12,57	0,759
	2	R100x30-114	SLU_12	218,09	2,66	-64,26	24,38	12,57	0,410
	3	R100x30-113	SLU_12	218,09	10,86	76,60	24,38	18,85	0,590
2552	1	R100x30-118	SLU_12	229,92	1,23	111,48	24,38	25,13	0,617
	2	R100x30-115	SLU_12	229,92	-3,41	109,55	18,10	25,13	0,610
	3	R100x30-112	SLU_04	141,88	17,60	-197,89	36,95	12,57	0,686
2553	1	R100x30-67	SLU_04	23,52	10,25	-62,43	15,71	15,71	0,457
2554	1	R100x30-67	SLU_12	46,60	1,94	-53,84	15,71	15,71	0,409
	2	R100x30-82	SLU_04	30,79	5,00	-146,19	21,99	15,71	0,772
2555	1	R100x30-82	SLU_04	92,05	-4,99	-167,64	21,99	15,71	0,914
	2	R100x30-67	SLU_12	149,19	3,76	59,67	15,71	15,71	0,525
2556	1	R100x30-67	SLU_12	155,55	-2,93	82,06	15,71	15,71	0,686
	2	R100x30-82	SLU_04	96,23	1,09	-157,13	21,99	15,71	0,861
2557	1	R100x30-83	SLU_04	112,84	-5,19	-206,94	28,27	15,71	0,897
	2	R100x30-67	SLU_12	187,56	2,58	77,70	15,71	15,71	0,678
	3	R100x30-108	SLU_12	187,56	6,09	98,56	15,71	21,99	0,610

2558	1	R100x30-108	SLU_12	187,48	6,61	98,59	15,71	21,99	0,610
	2	R100x30-67	SLU_12	187,48	2,76	77,75	15,71	15,71	0,678
	3	R100x30-83	SLU_04	112,88	-5,74	-207,07	28,27	15,71	0,898
2559	1	R100x30-82	SLU_04	95,69	1,00	-155,98	21,99	15,71	0,855
	2	R100x30-67	SLU_12	154,74	-2,95	82,15	15,71	15,71	0,686
2560	1	R100x30-67	SLU_12	148,10	3,68	59,40	15,71	15,71	0,522
	2	R100x30-82	SLU_04	91,27	-4,95	-168,78	21,99	15,71	0,920
2561	1	R100x30-82	SLU_04	31,80	5,02	-144,11	21,99	15,71	0,762
	2	R100x30-67	SLU_12	46,85	2,02	-52,36	15,71	15,71	0,399
2562	1	R100x30-67	SLU_04	26,48	10,15	-64,80	15,71	15,71	0,475
2563	1	R50x30-21	SLU_12	64,57	-2,76	5,85	6,28	6,28	0,230
2568	1	R50x30-19	SLU_12	15,97	-2,74	5,45	9,42	9,42	0,088
2573	1	R50x30-19	SLU_12	19,17	-2,34	5,86	9,42	9,42	0,097
2578	1	R50x30-19	SLU_12	21,03	-2,17	5,56	9,42	9,42	0,095
2583	1	R50x30-19	SLU_12	17,32	-2,52	5,89	9,42	9,42	0,094
2588	1	R50x30-19	SLU_12	63,72	-0,32	5,27	9,42	9,42	0,143
2593	1	R50x30-19	SLU_12	63,65	-0,64	5,13	9,42	9,42	0,143
2598	1	R50x30-19	SLU_12	17,45	-2,51	6,05	9,42	9,42	0,097
2603	1	R50x30-19	SLU_12	21,19	-2,14	5,81	9,42	9,42	0,098
2608	1	R50x30-19	SLU_12	19,24	-2,33	5,54	9,42	9,42	0,093
2613	1	R50x30-19	SLU_12	15,94	-2,82	4,89	9,42	9,42	0,081
2618	1	R50x30-21	SLU_12	64,92	-2,46	5,39	6,28	6,28	0,223
2623	1	R70x30-8	SLU_04	15,64	-0,71	29,12	12,57	12,57	0,272
2624	1	R70x30-8	SLU_04	7,12	0,78	-43,13	12,57	12,57	0,388
2625	1	R70x30-8	SLU_04	17,67	0,49	-41,43	12,57	12,57	0,382
2626	1	R70x30-10	SLU_04	34,67	-0,49	-61,87	12,57	12,57	0,578
2627	1	R70x30-10	SLU_12	47,03	2,91	-27,61	12,57	12,57	0,289
2628	1	R70x30-11	SLU_04	63,31	0,48	-135,91	18,85	12,57	0,873
	2	R70x30-10	SLU_04	63,31	-1,10	73,85	12,57	12,57	0,710
2629	1	R70x30-10	SLU_04	63,38	-1,00	73,85	12,57	12,57	0,710
	2	R70x30-11	SLU_04	63,38	0,30	-136,01	18,85	12,57	0,873
2630	1	R70x30-8	SLU_12	45,96	2,85	-26,91	12,57	12,57	0,282
2631	1	R70x30-8	SLU_04	33,90	-0,45	-62,32	12,57	12,57	0,581
2632	1	R70x30-9	SLU_04	16,67	0,51	-40,91	15,71	15,71	0,309
2633	1	R70x30-9	SLU_04	8,17	0,84	-41,73	15,71	15,71	0,309
2634	1	R70x30-9	SLU_04	17,33	-0,70	28,89	15,71	15,71	0,222
2635	1	R30x90-6	SLU_12	466,89	1,54	56,71	9,05	9,05	0,853
2638	1	R30x90-5	SLU_12	285,63	-15,00	-7,97	9,05	9,05	0,561
2640	1	R30x90-5	SLU_12	214,39	3,46	-29,32	9,05	9,05	0,403
2642	1	R80x30-19	SLU_12	202,41	5,85	-154,93	28,90	15,71	0,719
	2	R80x30-17	SLU_12	202,41	-2,88	85,80	22,62	15,71	0,761
	3	R80x30-20	SLU_12	202,41	-2,15	87,45	22,62	21,99	0,570
2643	1	R80x30-17	SLU_12	176,77	-10,02	60,74	22,62	15,71	0,568
	2	R80x30-19	SLU_12	176,77	-0,82	-165,72	28,90	15,71	0,751
2644	1	R80x30-19	SLU_04	32,63	4,17	-169,17	28,90	15,71	0,709
	2	R80x30-17	SLU_12	70,34	1,91	60,00	22,62	15,71	0,480
2645	1	R80x30-17	SLU_04	2,70	-0,55	91,78	22,62	15,71	0,657
	2	R80x30-19	SLU_04	2,70	-13,46	-160,86	28,90	15,71	0,664
2646	1	R80x30-19	SLU_04	5,59	-13,47	-161,19	28,90	15,71	0,667
	2	R80x30-17	SLU_04	5,59	-0,57	91,85	22,62	15,71	0,659

2647	1	R80x30-17	SLU_12	76,29	1,84	60,19	22,62	15,71	0,485
	2	R80x30-19	SLU_04	35,87	4,26	-168,77	28,90	15,71	0,708
2648	1	R80x30-19	SLU_12	184,46	-0,82	-164,01	28,90	15,71	0,747
	2	R80x30-17	SLU_12	184,46	-10,19	61,05	22,62	15,71	0,576
2649	1	R80x30-20	SLU_12	210,76	-2,11	87,27	22,62	21,99	0,574
	2	R80x30-17	SLU_12	210,76	-2,82	85,35	22,62	15,71	0,764
	3	R80x30-19	SLU_12	210,76	5,73	-156,83	28,90	15,71	0,730
2650	1	R100x30-76	SLU_04	81,93	13,60	-182,52	25,13	12,57	0,877
	2	R100x30-77	SLU_04	81,93	-2,59	110,56	12,57	18,85	0,706
2651	1	R100x30-74	SLU_12	113,90	-3,22	-67,40	12,57	12,57	0,672
	2	R100x30-75	SLU_04	67,32	-4,14	-193,77	25,13	12,57	0,917
2652	1	R100x30-79	SLU_04	80,78	3,88	-214,91	31,42	12,57	0,833
	2	R100x30-73	SLU_12	137,30	1,51	-58,79	18,85	12,57	0,435
	3	R100x30-80	SLU_12	137,30	-17,87	76,29	18,85	18,85	0,544
2653	1	R100x30-80	SLU_12	184,28	-5,20	110,97	18,85	18,85	0,771
	2	R100x30-77	SLU_12	184,28	-5,08	108,18	12,57	18,85	0,758
	3	R100x30-79	SLU_04	109,53	4,04	-202,62	31,42	12,57	0,797
2654	1	R100x30-75	SLU_12	167,96	22,92	-122,09	25,13	12,57	0,647
	2	R100x30-74	SLU_12	167,96	-5,33	46,26	12,57	12,57	0,548
	3	R100x30-77	SLU_12	167,96	-16,63	72,91	12,57	18,85	0,544
2655	1	R100x30-77	SLU_12	168,34	-15,91	72,99	12,57	18,85	0,544
	2	R100x30-74	SLU_12	168,34	-5,33	46,16	12,57	12,57	0,548
	3	R100x30-75	SLU_12	168,34	21,10	-122,63	25,13	12,57	0,649
2656	1	R100x30-79	SLU_04	110,23	3,95	-203,21	31,42	12,57	0,800
	2	R100x30-77	SLU_12	185,79	-5,19	108,50	12,57	18,85	0,761
	3	R100x30-81	SLU_12	185,79	-5,34	111,43	18,85	25,13	0,598
2657	1	R100x30-80	SLU_12	138,92	-17,87	77,06	18,85	18,85	0,550
	2	R100x30-73	SLU_12	138,92	-2,91	-57,76	18,85	12,57	0,429
	3	R100x30-79	SLU_04	81,55	4,01	-213,54	31,42	12,57	0,828
2658	1	R100x30-79	SLU_04	67,65	-4,09	-222,96	31,42	12,57	0,858
	2	R100x30-73	SLU_12	114,89	-2,74	75,23	18,85	12,57	0,737
2659	1	R100x30-80	SLU_04	81,93	-1,23	117,93	18,85	18,85	0,748
	2	R100x30-77	SLU_04	81,93	-2,70	115,90	12,57	18,85	0,737
	3	R100x30-76	SLU_04	81,93	13,67	-197,14	25,13	12,57	0,944
2660	1	R100x30-67	SLU_04	50,76	-1,99	56,40	15,71	15,71	0,429
2661	1	R100x30-67	SLU_04	21,93	-3,99	-114,36	15,71	15,71	0,811
2662	1	R100x30-82	SLU_04	42,67	-0,73	-167,11	21,99	15,71	0,884
	2	R100x30-67	SLU_04	42,67	-2,11	62,31	15,71	15,71	0,464
2663	1	R100x30-67	SLU_04	41,38	-2,60	87,36	15,71	15,71	0,638
	2	R100x30-82	SLU_04	41,38	2,97	-155,48	21,99	15,71	0,825
2664	1	R100x30-83	SLU_04	56,45	0,82	-207,18	28,27	15,71	0,873
	2	R100x30-67	SLU_04	56,45	-1,66	104,43	15,71	15,71	0,766
2665	1	R100x30-67	SLU_04	56,15	-1,04	104,47	15,71	15,71	0,766
	2	R100x30-83	SLU_04	56,15	1,17	-207,56	28,27	15,71	0,875
2666	1	R100x30-82	SLU_04	40,56	2,95	-154,93	21,99	15,71	0,821
	2	R100x30-67	SLU_04	40,56	-2,67	87,68	15,71	15,71	0,639
2667	1	R100x30-67	SLU_04	41,60	-2,17	62,73	15,71	15,71	0,467
	2	R100x30-82	SLU_04	41,60	-0,82	-166,82	21,99	15,71	0,882
2668	1	R100x30-82	SLU_04	23,85	-3,86	-145,01	21,99	15,71	0,761
	2	R100x30-67	SLU_04	23,85	-1,88	-54,47	15,71	15,71	0,396

2669	1	R100x30-67	SLU_04	53,29	-2,07	62,65	15,71	15,71	0,475
2670	1	R50x30-21	SLU_12	53,78	2,59	-3,44	6,28	6,28	0,168
2675	1	R50x30-19	SLU_12	7,28	-1,44	5,97	9,42	9,42	0,082
2680	1	R50x30-19	SLU_12	10,16	-1,34	5,61	9,42	9,42	0,081
2685	1	R50x30-19	SLU_12	10,73	-1,42	4,47	9,42	9,42	0,068
2690	1	R50x30-19	SLU_12	7,71	-1,83	4,19	9,42	9,42	0,061
2695	1	R50x30-19	SLU_12	51,18	2,66	-3,60	9,42	9,42	0,111
2700	1	R50x30-19	SLU_12	51,22	2,65	-3,54	9,42	9,42	0,111
2705	1	R50x30-19	SLU_12	7,98	-1,93	4,26	9,42	9,42	0,062
2710	1	R50x30-19	SLU_12	11,01	-1,42	4,42	9,42	9,42	0,068
2715	1	R50x30-19	SLU_12	10,53	-1,36	5,01	9,42	9,42	0,074
2720	1	R50x30-19	SLU_12	7,69	-1,33	5,04	9,42	9,42	0,071
2725	1	R50x30-19	SLU_12	53,95	3,00	-3,11	9,42	9,42	0,110
2730	1	R70x30-8	SLU_12	57,74	-0,67	27,84	12,57	12,57	0,300
2731	1	R70x30-8	SLU_12	51,40	-1,07	-41,25	12,57	12,57	0,411
2732	1	R70x30-8	SLU_04	30,58	-0,27	-44,24	12,57	12,57	0,418
2733	1	R70x30-10	SLU_04	23,04	-0,24	-62,08	12,57	12,57	0,569
2734	1	R70x30-10	SLU_04	24,83	-1,50	-26,80	12,57	12,57	0,260
2735	1	R70x30-11	SLU_04	14,70	-0,26	-135,98	18,85	12,57	0,842
	2	R70x30-10	SLU_04	14,70	0,35	73,62	12,57	12,57	0,663
2736	1	R70x30-10	SLU_04	14,25	0,27	73,62	12,57	12,57	0,662
	2	R70x30-11	SLU_04	14,25	-0,32	-136,23	18,85	12,57	0,843
2737	1	R70x30-8	SLU_04	27,34	-1,51	-26,10	12,57	12,57	0,256
2738	1	R70x30-8	SLU_04	25,64	-0,21	-62,73	12,57	12,57	0,577
2739	1	R70x30-9	SLU_04	33,13	-0,30	-43,96	15,71	15,71	0,343
2740	1	R70x30-9	SLU_12	55,66	-1,03	-39,73	15,71	15,71	0,329
2741	1	R70x30-9	SLU_12	61,54	-0,72	28,39	15,71	15,71	0,252
2742	1	R80x30-24	SLU_04	29,20	-6,89	-158,96	21,99	15,71	0,854
	2	R80x30-23	SLU_04	29,20	-1,08	92,25	15,71	15,71	0,680
2743	1	R80x30-23	SLU_12	62,01	-7,70	60,63	15,71	15,71	0,484
	2	R80x30-24	SLU_04	25,33	-1,08	-171,56	21,99	15,71	0,916
2744	1	R80x30-24	SLU_04	-12,37	2,91	-168,97	21,99	15,71	0,883
	2	R80x30-23	SLU_04	-12,37	-1,86	62,88	15,71	15,71	0,441
2745	1	R80x30-23	SLU_04	-26,59	-0,44	92,18	15,71	15,71	0,638
	2	R80x30-24	SLU_04	-26,59	10,60	-159,42	21,99	15,71	0,830
2746	1	R80x30-24	SLU_04	-25,27	10,52	-159,83	21,99	15,71	0,833
	2	R80x30-23	SLU_04	-25,27	-0,37	92,23	15,71	15,71	0,639
2747	1	R80x30-23	SLU_04	-1,38	-1,79	63,06	15,71	15,71	0,450
	2	R80x30-24	SLU_04	-1,38	3,05	-168,82	21,99	15,71	0,888
2748	1	R80x30-24	SLU_04	37,50	-1,16	-169,82	21,99	15,71	0,914
	2	R80x30-23	SLU_12	83,33	-7,93	60,92	15,71	15,71	0,502
2749	1	R80x30-23	SLU_12	89,90	-1,46	87,73	15,71	15,71	0,693
	2	R80x30-24	SLU_04	41,97	5,15	-161,09	21,99	15,71	0,873
2750	1	R100x30-76	SLU_04	54,71	9,86	-190,57	25,13	12,57	0,900
	2	R100x30-77	SLU_04	54,71	-2,32	117,40	12,57	18,85	0,729
	3	R100x30-80	SLU_04	54,71	-1,33	118,87	18,85	18,85	0,737
2751	1	R100x30-73	SLU_04	35,90	-2,39	79,09	18,85	12,57	0,699
	2	R100x30-79	SLU_04	35,90	-2,50	-225,61	31,42	12,57	0,856
2752	1	R100x30-79	SLU_04	45,71	-3,07	-214,82	31,42	12,57	0,819
	2	R100x30-73	SLU_04	45,71	-9,54	81,20	18,85	12,57	0,728

2753	1	R100x30-80	SLU_04	75,33	-2,32	118,75	18,85	18,85	0,749
	2	R100x30-77	SLU_04	75,33	-2,63	116,05	12,57	18,85	0,734
	3	R100x30-79	SLU_04	75,33	5,06	-200,63	31,42	12,57	0,778
2754	1	R100x30-75	SLU_12	113,75	19,53	-123,47	25,13	12,57	0,625
	2	R100x30-74	SLU_12	113,75	-16,05	73,97	12,57	12,57	0,744
2755	1	R100x30-74	SLU_12	116,78	-15,36	74,11	12,57	12,57	0,749
	2	R100x30-75	SLU_12	116,78	18,03	-123,97	25,13	12,57	0,628
2756	1	R100x30-79	SLU_04	79,36	4,99	-200,58	31,42	12,57	0,779
	2	R100x30-77	SLU_04	79,36	-2,77	116,08	12,57	18,85	0,737
	3	R100x30-80	SLU_04	79,36	-2,51	118,77	18,85	18,85	0,752
2757	1	R100x30-73	SLU_04	50,10	-9,39	81,22	18,85	12,57	0,733
	2	R100x30-79	SLU_04	50,10	-3,31	-215,16	31,42	12,57	0,822
2758	1	R100x30-79	SLU_04	37,31	-2,45	-222,25	31,42	12,57	0,843
	2	R100x30-73	SLU_04	37,31	-1,99	79,78	18,85	12,57	0,705
2759	1	R100x30-80	SLU_04	55,38	-1,51	118,42	18,85	18,85	0,735
	2	R100x30-77	SLU_04	55,38	-2,54	116,37	12,57	18,85	0,724
	3	R100x30-76	SLU_04	55,38	9,99	-195,05	25,13	12,57	0,921
2760	1	R100x30-67	SLU_04	56,41	-1,91	62,99	15,71	15,71	0,479
2761	1	R100x30-67	SLU_04	35,00	-1,37	-54,95	15,71	15,71	0,407
	2	R100x30-82	SLU_04	35,00	-2,54	-145,72	21,99	15,71	0,770
2762	1	R100x30-82	SLU_04	19,13	-1,72	-165,43	21,99	15,71	0,863
	2	R100x30-67	SLU_04	19,13	-2,73	60,96	15,71	15,71	0,439
2763	1	R100x30-67	SLU_04	15,85	-1,83	87,11	15,71	15,71	0,617
	2	R100x30-82	SLU_04	15,85	4,29	-153,00	21,99	15,71	0,799
2764	1	R100x30-83	SLU_04	25,14	-1,18	-206,79	28,27	15,71	0,859
	2	R100x30-67	SLU_04	25,14	-1,93	103,97	15,71	15,71	0,741
2765	1	R100x30-67	SLU_04	24,81	-1,25	104,01	15,71	15,71	0,740
	2	R100x30-83	SLU_04	24,81	-2,16	-207,27	28,27	15,71	0,861
2766	1	R100x30-82	SLU_04	15,14	4,35	-151,96	21,99	15,71	0,793
	2	R100x30-67	SLU_04	15,14	-1,99	87,21	15,71	15,71	0,617
2767	1	R100x30-67	SLU_04	18,11	-2,76	60,80	15,71	15,71	0,437
	2	R100x30-82	SLU_04	18,11	-1,49	-166,90	21,99	15,71	0,870
2768	1	R100x30-82	SLU_04	36,61	-2,34	-143,39	21,99	15,71	0,759
	2	R100x30-67	SLU_04	36,61	-1,62	-53,29	15,71	15,71	0,397
2769	1	R100x30-67	SLU_04	59,77	-2,13	62,52	15,71	15,71	0,479
2770	1	R50x30-21	SLU_12	50,49	1,66	-3,05	6,28	6,28	0,154
2775	1	R50x30-21	SLU_12	4,80	-0,69	6,45	6,28	6,28	0,119
2780	1	R50x30-21	SLU_12	7,82	-0,68	6,26	6,28	6,28	0,122
2785	1	R50x30-19	SLU_12	8,93	-0,89	5,10	9,42	9,42	0,073
2790	1	R50x30-19	SLU_12	6,06	-1,20	4,85	9,42	9,42	0,067
2795	1	R50x30-19	SLU_12	49,06	-0,45	3,45	9,42	9,42	0,104
2800	1	R50x30-19	SLU_12	49,49	-0,68	3,44	9,42	9,42	0,106
2805	1	R50x30-19	SLU_12	6,70	-1,27	4,56	9,42	9,42	0,064
281	1	R80x30-17	SLU_12	494,37	16,89	-130,73	22,62	15,71	0,940
	2	R80x30-18	SLU_12	494,37	-18,89	31,06	28,90	15,71	0,602
2810	1	R50x30-19	SLU_12	9,61	-0,84	4,81	9,42	9,42	0,070
2815	1	R50x30-21	SLU_12	8,02	-0,69	5,38	6,28	6,28	0,108
2820	1	R50x30-21	SLU_12	4,79	-0,56	5,25	6,28	6,28	0,099
2825	1	R50x30-19	SLU_12	50,95	2,08	-2,53	9,42	9,42	0,098
2830	1	R70x30-17	SLU_12	63,95	-0,55	29,03	18,10	12,57	0,315

2831	1	R70x30-17	SLU_12	60,31	-0,73	-39,38	18,10	12,57	0,290
2832	1	R70x30-17	SLU_04	40,39	-0,47	-48,89	18,10	12,57	0,337
2833	1	R70x30-10	SLU_04	41,64	-0,78	-62,30	12,57	12,57	0,588
2834	1	R70x30-10	SLU_12	63,63	2,24	-25,54	12,57	12,57	0,286
2835	1	R70x30-11	SLU_04	48,12	-0,11	-136,03	18,85	12,57	0,863
	2	R70x30-10	SLU_04	48,12	-0,64	73,49	12,57	12,57	0,693
2836	1	R70x30-10	SLU_04	49,43	-0,42	73,49	12,57	12,57	0,694
	2	R70x30-11	SLU_04	49,43	-0,41	-136,33	18,85	12,57	0,866
2837	1	R70x30-8	SLU_12	70,90	2,30	-24,95	12,57	12,57	0,289
2838	1	R70x30-8	SLU_04	46,35	-0,72	-63,02	12,57	12,57	0,598
2839	1	R70x30-8	SLU_04	45,16	-0,53	-48,57	12,57	12,57	0,470
2840	1	R70x30-8	SLU_12	68,23	-0,66	-38,01	12,57	12,57	0,398
2841	1	R70x30-8	SLU_12	70,48	-0,69	28,85	12,57	12,57	0,321
2842	1	R80x30-24	SLU_04	-35,57	6,76	-157,66	21,99	15,71	0,814
	2	R80x30-23	SLU_04	-35,57	-0,83	92,43	15,71	15,71	0,633
2843	1	R80x30-23	SLU_04	-29,77	-3,50	63,17	15,71	15,71	0,431
	2	R80x30-24	SLU_04	-29,77	-1,69	-171,53	21,99	15,71	0,887
2844	1	R80x30-24	SLU_04	-34,83	-3,03	-168,96	21,99	15,71	0,871
	2	R80x30-23	SLU_04	-34,83	-2,41	62,84	15,71	15,71	0,424
2845	1	R80x30-23	SLU_04	-15,11	-0,79	92,35	15,71	15,71	0,648
	2	R80x30-24	SLU_04	-15,11	10,46	-158,59	21,99	15,71	0,831
2846	1	R80x30-24	SLU_04	-37,90	10,07	-159,09	21,99	15,71	0,822
	2	R80x30-23	SLU_04	-37,90	-0,64	92,39	15,71	15,71	0,631
2847	1	R80x30-23	SLU_04	-19,13	-2,26	63,05	15,71	15,71	0,437
	2	R80x30-24	SLU_04	-19,13	-3,40	-169,06	21,99	15,71	0,880
2848	1	R80x30-24	SLU_04	-2,98	-1,28	-169,70	21,99	15,71	0,891
	2	R80x30-23	SLU_12	24,21	-7,26	60,68	15,71	15,71	0,456
2849	1	R80x30-23	SLU_04	-6,74	-0,58	92,07	15,71	15,71	0,652
	2	R80x30-24	SLU_04	-6,74	6,30	-160,55	21,99	15,71	0,844
2850	1	R100x30-76	SLU_04	38,76	7,34	-188,83	25,13	12,57	0,883
	2	R100x30-77	SLU_04	38,76	-2,24	117,68	12,57	18,85	0,721
	3	R100x30-80	SLU_04	38,76	-1,53	118,91	18,85	18,85	0,728
2851	1	R100x30-73	SLU_04	15,87	-5,06	78,64	18,85	12,57	0,677
	2	R100x30-79	SLU_04	15,87	-1,38	-226,15	31,42	12,57	0,850
2852	1	R100x30-79	SLU_04	26,58	-2,13	-214,90	31,42	12,57	0,812
	2	R100x30-73	SLU_04	26,58	-8,53	81,11	18,85	12,57	0,710
2853	1	R100x30-80	SLU_04	56,99	-1,79	118,97	18,85	18,85	0,739
	2	R100x30-77	SLU_04	56,99	-2,29	116,44	12,57	18,85	0,725
	3	R100x30-79	SLU_04	56,99	6,06	-199,31	31,42	12,57	0,766
2854	1	R100x30-75	SLU_04	48,57	9,77	-128,98	25,13	12,57	0,615
	2	R100x30-74	SLU_12	92,35	-15,21	73,16	12,57	12,57	0,716
2855	1	R100x30-74	SLU_12	97,69	-14,23	73,06	12,57	12,57	0,720
	2	R100x30-75	SLU_04	51,77	10,22	-128,98	25,13	12,57	0,617
2856	1	R100x30-79	SLU_04	64,83	6,07	-199,52	31,42	12,57	0,770
	2	R100x30-77	SLU_04	64,83	-2,65	116,49	12,57	18,85	0,730
	3	R100x30-80	SLU_04	64,83	-2,22	119,06	18,85	18,85	0,745
2857	1	R100x30-73	SLU_04	35,97	-8,21	81,29	18,85	12,57	0,719
	2	R100x30-79	SLU_04	35,97	-2,75	-215,35	31,42	12,57	0,817
2858	1	R100x30-79	SLU_04	24,35	-0,97	-222,11	31,42	12,57	0,838
	2	R100x30-73	SLU_04	24,35	-4,68	79,73	18,85	12,57	0,694

2859	1	R100x30-80	SLU_04	45,40	-1,80	118,50	18,85	18,85	0,729
	2	R100x30-77	SLU_04	45,40	-2,60	116,65	12,57	18,85	0,719
	3	R100x30-76	SLU_04	45,40	8,00	-194,48	25,13	12,57	0,912
2860	1	R100x30-67	SLU_04	48,73	-1,81	65,65	15,71	15,71	0,492
2861	1	R100x30-67	SLU_04	30,83	-1,17	-55,71	15,71	15,71	0,409
	2	R100x30-82	SLU_04	30,83	-2,41	-147,57	21,99	15,71	0,777
2862	1	R100x30-82	SLU_04	12,84	-3,15	-164,31	21,99	15,71	0,854
	2	R100x30-67	SLU_04	12,84	-3,66	60,18	15,71	15,71	0,429
2863	1	R100x30-67	SLU_04	10,82	-1,67	87,07	15,71	15,71	0,613
	2	R100x30-82	SLU_04	10,82	5,19	-151,41	21,99	15,71	0,788
2864	1	R100x30-83	SLU_04	11,05	-1,70	-206,45	28,27	15,71	0,852
	2	R100x30-67	SLU_04	11,05	-2,00	103,69	15,71	15,71	0,729
2865	1	R100x30-67	SLU_04	10,93	-1,59	103,74	15,71	15,71	0,729
	2	R100x30-83	SLU_04	10,93	-2,52	-207,13	28,27	15,71	0,855
2866	1	R100x30-82	SLU_04	12,85	5,21	-150,59	21,99	15,71	0,785
	2	R100x30-67	SLU_04	12,85	-2,01	87,21	15,71	15,71	0,616
2867	1	R100x30-67	SLU_04	11,41	-3,58	60,22	15,71	15,71	0,428
	2	R100x30-82	SLU_04	11,41	-2,48	-165,64	21,99	15,71	0,860
2868	1	R100x30-82	SLU_04	36,14	-1,91	-145,09	21,99	15,71	0,767
	2	R100x30-67	SLU_04	36,14	-1,63	-53,85	15,71	15,71	0,400
2869	1	R100x30-67	SLU_04	56,16	-2,09	65,45	15,71	15,71	0,496
2870	1	R50x30-21	SLU_12	48,20	-1,29	-2,16	6,28	6,28	0,131
2875	1	R50x30-21	SLU_12	2,65	-0,10	6,79	6,28	6,28	0,120
2880	1	R50x30-21	SLU_12	5,17	-0,17	6,56	6,28	6,28	0,121
2885	1	R50x30-21	SLU_12	6,36	-0,49	5,27	6,28	6,28	0,102
2890	1	R50x30-19	SLU_12	4,32	-0,76	5,18	9,42	9,42	0,068
2895	1	R50x30-19	SLU_12	48,16	-0,75	3,82	9,42	9,42	0,109
2900	1	R50x30-19	SLU_12	49,26	-1,00	3,38	9,42	9,42	0,106
2905	1	R50x30-19	SLU_12	5,50	-0,95	4,81	9,42	9,42	0,065
2910	1	R50x30-21	SLU_12	7,68	-0,49	4,74	6,28	6,28	0,096
2915	1	R50x30-21	SLU_12	9,71	-0,24	5,64	6,28	6,28	0,114
292	1	R50x30-21	SLU_12	4,28	0,52	-9,58	6,28	6,28	0,171
2920	1	R50x30-21	SLU_12	8,58	-0,14	5,81	6,28	6,28	0,114
2925	1	R50x30-19	SLU_12	52,49	1,48	-1,89	9,42	9,42	0,093
2930	1	R70x30-17	SLU_12	54,43	-0,48	45,37	18,10	12,57	0,450
2931	1	R70x30-17	SLU_12	52,93	-1,30	37,05	18,10	12,57	0,376
2932	1	R70x30-17	SLU_04	39,28	-0,57	-67,61	18,10	12,57	0,456
2933	1	R70x30-12	SLU_04	46,58	-1,16	-73,17	15,71	15,71	0,564
2934	1	R70x30-12	SLU_12	72,96	2,60	-36,67	15,71	15,71	0,322
2935	1	R70x30-14	SLU_04	62,10	-0,28	-161,44	21,99	15,71	0,892
	2	R70x30-12	SLU_04	62,10	-0,65	87,65	15,71	15,71	0,680
2936	1	R70x30-12	SLU_04	63,40	-0,41	87,65	15,71	15,71	0,681
	2	R70x30-14	SLU_04	63,40	-0,52	-161,73	21,99	15,71	0,894
2937	1	R70x30-8	SLU_12	86,21	2,68	-35,65	12,57	12,57	0,397
2938	1	R70x30-8	SLU_04	55,44	-1,00	-73,68	12,57	12,57	0,701
2939	1	R70x30-8	SLU_04	48,34	-0,76	-67,41	12,57	12,57	0,639
2940	1	R70x30-8	SLU_12	67,38	-0,58	-51,92	12,57	12,57	0,520
2941	1	R70x30-8	SLU_12	66,24	2,94	-50,28	12,57	12,57	0,507
2942	1	R80x30-24	SLU_04	-21,18	7,70	-156,82	21,99	15,71	0,817
	2	R80x30-23	SLU_04	-21,18	-0,66	92,47	15,71	15,71	0,644

2943	1	R80x30-23	SLU_04	-30,25	-3,73	62,97	15,71	15,71	0,430
	2	R80x30-24	SLU_04	-30,25	1,70	-171,78	21,99	15,71	0,888
2944	1	R80x30-24	SLU_04	-23,44	-2,33	-169,32	21,99	15,71	0,879
	2	R80x30-23	SLU_04	-23,44	-3,27	62,75	15,71	15,71	0,433
2945	1	R80x30-23	SLU_04	-7,08	-1,04	92,45	15,71	15,71	0,655
	2	R80x30-24	SLU_04	-7,08	10,47	-158,34	21,99	15,71	0,834
2946	1	R80x30-24	SLU_04	-42,39	10,43	-159,88	21,99	15,71	0,824
	2	R80x30-23	SLU_04	-42,39	-0,80	92,66	15,71	15,71	0,630
2947	1	R80x30-23	SLU_04	-38,24	-2,87	63,63	15,71	15,71	0,428
	2	R80x30-24	SLU_04	-38,24	-2,93	-171,02	21,99	15,71	0,880
2948	1	R80x30-24	SLU_04	-1,95	3,01	-171,20	21,99	15,71	0,900
	2	R80x30-23	SLU_12	38,33	-4,87	61,55	15,71	15,71	0,471
2949	1	R80x30-23	SLU_04	-11,55	-1,24	93,01	15,71	15,71	0,656
	2	R80x30-24	SLU_04	-11,55	6,39	-158,09	21,99	15,71	0,828
2950	1	R100x30-76	SLU_04	26,92	4,53	-187,93	25,13	12,57	0,872
	2	R100x30-77	SLU_04	26,92	-2,08	117,47	12,57	18,85	0,712
	3	R100x30-80	SLU_04	26,92	-1,44	118,51	18,85	18,85	0,718
2951	1	R100x30-73	SLU_04	-1,01	-7,96	77,87	18,85	12,57	0,659
	2	R100x30-79	SLU_04	-1,01	0,69	-227,13	31,42	12,57	0,847
2952	1	R100x30-79	SLU_04	5,63	0,39	-215,50	31,42	12,57	0,806
	2	R100x30-73	SLU_04	5,63	-7,98	80,84	18,85	12,57	0,689
2953	1	R100x30-80	SLU_04	36,33	-1,39	119,08	18,85	18,85	0,727
	2	R100x30-77	SLU_04	36,33	-2,10	116,73	12,57	18,85	0,714
	3	R100x30-79	SLU_04	36,33	6,46	-198,67	31,42	12,57	0,757
2954	1	R100x30-75	SLU_04	24,71	-10,63	-129,92	25,13	12,57	0,607
	2	R100x30-74	SLU_12	60,62	-14,67	73,24	12,57	12,57	0,684
2955	1	R100x30-74	SLU_12	70,33	-16,03	72,84	12,57	12,57	0,691
	2	R100x30-75	SLU_04	30,52	-11,62	-129,92	25,13	12,57	0,611
2956	1	R100x30-79	SLU_04	55,20	5,97	-199,85	31,42	12,57	0,768
	2	R100x30-77	SLU_04	55,20	-2,64	116,81	12,57	18,85	0,726
	3	R100x30-80	SLU_04	55,20	-2,14	119,22	18,85	18,85	0,740
2957	1	R100x30-73	SLU_04	25,85	-8,01	81,59	18,85	12,57	0,713
	2	R100x30-79	SLU_04	25,85	-1,23	-217,53	31,42	12,57	0,821
2958	1	R100x30-79	SLU_04	30,12	-1,74	-224,78	31,42	12,57	0,850
	2	R100x30-73	SLU_04	30,12	-3,88	79,65	18,85	12,57	0,699
2959	1	R100x30-80	SLU_04	53,14	-2,68	119,24	18,85	18,85	0,739
	2	R100x30-77	SLU_04	53,14	-3,41	117,67	12,57	18,85	0,730
	3	R100x30-76	SLU_04	53,14	6,70	-191,07	25,13	12,57	0,900
2960	1	R100x30-67	SLU_04	44,55	-1,35	64,70	15,71	15,71	0,482
2961	1	R100x30-67	SLU_04	29,81	-0,96	-56,53	15,71	15,71	0,414
	2	R100x30-82	SLU_04	29,81	-2,17	-148,36	21,99	15,71	0,781
2962	1	R100x30-82	SLU_04	9,57	2,73	-164,10	21,99	15,71	0,852
	2	R100x30-67	SLU_04	9,57	-4,96	59,39	15,71	15,71	0,422
2963	1	R100x30-67	SLU_04	13,38	-1,67	86,84	15,71	15,71	0,613
	2	R100x30-82	SLU_04	13,38	6,07	-151,03	21,99	15,71	0,788
2964	1	R100x30-83	SLU_04	6,82	-2,22	-207,84	28,27	15,71	0,856
	2	R100x30-67	SLU_04	6,82	-2,20	103,22	15,71	15,71	0,723
2965	1	R100x30-67	SLU_04	6,15	-2,64	103,27	15,71	15,71	0,723
	2	R100x30-83	SLU_04	6,15	-1,79	-208,41	28,27	15,71	0,858
2966	1	R100x30-82	SLU_04	8,91	5,69	-150,59	21,99	15,71	0,783

2966	2	R100x30-67	SLU_04	8,91	-2,16	86,85	15,71	15,71	0,611
2967	1	R100x30-67	SLU_04	6,71	-4,41	59,65	15,71	15,71	0,422
	2	R100x30-82	SLU_04	6,71	1,84	-165,95	21,99	15,71	0,859
2968	1	R100x30-82	SLU_04	31,64	-1,83	-146,41	21,99	15,71	0,772
	2	R100x30-67	SLU_04	31,64	-2,36	-55,12	15,71	15,71	0,406
2969	1	R100x30-67	SLU_04	51,74	-2,68	64,48	15,71	15,71	0,486
2970	1	R50x30-19	SLU_12	47,83	0,79	-1,98	9,42	9,42	0,087
2975	1	R50x30-28	SLU_12	4,93	0,54	5,73	12,19	12,19	0,059
2980	1	R50x30-28	SLU_12	9,52	0,29	5,45	12,19	12,19	0,061
2985	1	R50x30-21	SLU_12	10,82	-0,12	4,20	6,28	6,28	0,091
2990	1	R50x30-19	SLU_12	5,48	-0,44	4,07	9,42	9,42	0,056
2995	1	R50x30-19	SLU_12	47,26	-1,04	3,31	9,42	9,42	0,102
3000	1	R50x30-19	SLU_12	49,97	-1,11	3,49	9,42	9,42	0,108
3005	1	R50x30-19	SLU_12	8,39	-0,87	4,07	9,42	9,42	0,060
3010	1	R50x30-21	SLU_12	14,90	-0,69	3,94	6,28	6,28	0,097
3015	1	R50x30-28	SLU_12	7,43	-0,75	6,97	12,19	12,19	0,074
3020	1	R50x30-28	SLU_12	14,55	-0,17	8,84	12,19	12,19	0,097
3025	1	R50x30-19	SLU_12	49,55	0,79	-5,85	9,42	9,42	0,135
3030	1	R70x30-9	SLU_12	45,70	2,41	-50,00	15,71	15,71	0,397
3031	1	R70x30-9	SLU_04	34,12	-0,65	-53,69	15,71	15,71	0,414
3032	1	R70x30-9	SLU_04	33,75	-0,60	-70,29	15,71	15,71	0,534
3033	1	R70x30-12	SLU_04	44,70	-1,46	-74,70	15,71	15,71	0,574
3034	1	R70x30-12	SLU_12	73,30	2,51	-36,44	15,71	15,71	0,320
3035	1	R70x30-14	SLU_04	72,50	-0,44	-162,75	21,99	15,71	0,905
	2	R70x30-12	SLU_04	72,50	-0,70	86,80	15,71	15,71	0,682
3036	1	R70x30-12	SLU_04	72,29	-0,71	86,80	15,71	15,71	0,682
	2	R70x30-14	SLU_04	72,29	-0,32	-163,15	21,99	15,71	0,907
3037	1	R70x30-9	SLU_12	77,58	2,36	-33,89	15,71	15,71	0,305
3038	1	R70x30-9	SLU_04	49,80	-1,22	-74,57	15,71	15,71	0,577
3039	1	R70x30-9	SLU_04	44,87	-0,54	-69,02	15,71	15,71	0,533
3040	1	R70x30-9	SLU_12	65,47	-0,48	-51,58	15,71	15,71	0,422
3041	1	R70x30-9	SLU_12	62,87	2,95	-51,48	15,71	15,71	0,421
3042	1	R80x30-33	SLU_09	-1,79	-15,25	-189,10	28,27	15,71	0,795
	2	R80x30-31	SLU_09	-1,79	1,02	109,73	15,71	15,71	0,781
3043	1	R80x30-21	SLU_09	-1,92	-3,85	75,35	15,71	15,71	0,539
	2	R80x30-33	SLU_09	-1,92	3,89	-202,38	28,27	15,71	0,848
3044	1	R80x30-33	SLU_09	-7,43	1,83	-199,90	28,27	15,71	0,834
	2	R80x30-21	SLU_09	-7,43	-4,60	74,97	15,71	15,71	0,532
3045	1	R80x30-31	SLU_09	-10,51	-0,98	109,44	15,71	15,71	0,773
	2	R80x30-33	SLU_09	-10,51	-12,71	-191,04	28,27	15,71	0,799
3046	1	R80x30-33	SLU_12	215,72	-21,26	-180,13	28,27	15,71	0,848
	2	R80x30-34	SLU_12	215,72	-2,60	102,92	15,71	21,99	0,659
3047	1	R80x30-21	SLU_12	214,74	-8,42	70,64	15,71	15,71	0,669
	2	R80x30-33	SLU_09	109,24	2,44	-200,03	28,27	15,71	0,883
3048	1	R100x30-87	SLU_09	6,96	-8,47	-264,21	33,80	21,24	0,925
	2	R100x30-88	SLU_09	6,96	-1,34	157,26	21,24	27,52	0,665
	3	R100x30-89	SLU_09	6,96	2,41	160,24	22,62	27,52	0,677
3049	1	R100x30-63	SLU_09	-18,66	-14,42	108,52	22,62	21,24	0,573
	2	R100x30-91	SLU_09	-18,66	4,85	-296,47	41,47	27,52	0,851
3050	1	R100x30-95	SLU_09	-21,63	-2,55	-267,05	40,09	21,24	0,791

	2	R100x30-64	SLU_09	-21,63	-8,70	101,40	21,24	21,24	0,531
3051	1	R100x30-85	SLU_09	4,18	0,92	147,82	21,24	21,24	0,789
	2	R100x30-96	SLU_09	4,18	-9,41	-253,35	33,80	21,24	0,887
3052	1	R100x30-97	SLU_09	-23,00	-10,00	-147,24	27,52	21,24	0,611
	2	R100x30-85	SLU_06	-22,61	10,38	82,64	21,24	21,24	0,430
3053	1	R100x30-85	SLU_06	-26,44	9,57	82,68	21,24	21,24	0,428
	2	R100x30-97	SLU_09	-26,76	-5,89	-147,67	27,52	21,24	0,611
3054	1	R100x30-96	SLU_09	4,01	-10,33	-252,75	33,80	21,24	0,885
	2	R100x30-85	SLU_09	4,01	2,98	147,91	21,24	21,24	0,790
3055	1	R100x30-64	SLU_09	42,41	-9,46	101,35	21,24	21,24	0,566
	2	R100x30-95	SLU_09	42,41	-6,18	-267,65	40,09	21,24	0,811
3056	1	R100x30-99	SLU_06	29,22	-0,92	78,24	12,57	12,57	0,686
3057	1	R100x30-99	SLU_06	5,06	-0,77	-50,21	12,57	12,57	0,428
	2	R100x30-100	SLU_06	5,06	1,75	-152,13	25,13	12,57	0,697
3058	1	R100x30-101	SLU_06	26,81	3,32	-185,81	25,13	12,57	0,862
	2	R100x30-102	SLU_06	26,81	-6,14	69,39	12,57	12,57	0,616
3059	1	R100x30-103	SLU_06	32,95	0,71	100,17	12,57	18,85	0,613
	2	R100x30-101	SLU_06	32,95	-11,24	-176,80	25,13	12,57	0,825
3060	1	R120x30-6	SLU_06	32,92	-6,28	-239,56	31,42	12,57	0,891
	2	R120x30-7	SLU_06	32,92	5,54	125,24	18,85	18,85	0,746
3061	1	R120x30-7	SLU_06	31,94	-4,78	125,29	18,85	18,85	0,746
	2	R120x30-6	SLU_06	31,94	-3,55	-240,41	31,42	12,57	0,893
3062	1	R100x30-101	SLU_06	29,93	-12,34	-175,20	25,13	12,57	0,817
	2	R100x30-103	SLU_06	29,93	1,48	100,52	12,57	18,85	0,613
3063	1	R100x30-102	SLU_06	13,12	-7,00	69,10	12,57	12,57	0,600
	2	R100x30-101	SLU_06	13,12	5,47	-187,60	25,13	12,57	0,864
3064	1	R100x30-104	SLU_06	102,20	-3,66	-150,66	18,85	12,57	0,955
	2	R100x30-99	SLU_12	179,53	-8,19	-46,66	12,57	12,57	0,560
3065	1	R100x30-99	SLU_06	82,42	-8,48	78,25	12,57	12,57	0,745
3066	1	R50x30-21	SLU_12	42,57	-3,27	0,94	6,28	6,28	0,116
3071	1	R50x30-28	SLU_12	-3,05	1,77	7,43	12,19	12,19	0,068
3076	1	R50x30-28	SLU_12	-11,77	1,17	5,54	12,19	12,19	0,042
3081	1	R50x30-21	SLU_12	-13,12	-0,41	3,10	6,28	6,28	0,031
3086	1	R50x30-21	SLU_12	0,10	-0,57	5,40	6,28	6,28	0,092
3091	1	R50x30-19	SLU_12	40,16	-1,87	3,74	9,42	9,42	0,098
3096	1	R50x30-19	SLU_12	33,50	-1,50	3,60	9,42	9,42	0,087
3101	1	R50x30-21	SLU_12	9,09	1,26	5,33	6,28	6,28	0,109
3106	1	R50x30-28	SLU_12	-8,45	0,61	3,18	12,19	12,19	0,023
3111	1	L60x90-30	SLU_12	28,33	4,94	-73,81	18,10	27,14	0,146
3116	1	R70x30-8	SLU_06	21,42	-0,15	36,45	12,57	12,57	0,341
3117	1	R70x30-8	SLU_06	20,20	0,20	-41,64	12,57	12,57	0,386
3118	1	R70x30-8	SLU_06	17,40	1,50	-59,22	12,57	12,57	0,540
3119	1	R70x30-12	SLU_06	44,74	3,45	-63,47	15,71	15,71	0,495
3120	1	R70x30-12	SLU_06	62,29	-2,76	-38,52	15,71	15,71	0,326
3121	1	R70x30-14	SLU_06	77,96	-1,10	-150,05	21,99	15,71	0,841
	2	R70x30-12	SLU_06	77,96	-0,37	87,33	15,71	15,71	0,690
3122	1	R70x30-12	SLU_06	74,70	-0,98	87,33	15,71	15,71	0,688
	2	R70x30-14	SLU_06	74,70	-0,51	-150,30	21,99	15,71	0,840
3123	1	R70x30-8	SLU_06	43,62	-2,58	-37,22	12,57	12,57	0,370
3124	1	R70x30-8	SLU_06	24,09	3,86	-63,36	12,57	12,57	0,585

3125	1	R70x30-9	SLU_06	16,93	1,43	-58,21	15,71	15,71	0,435
3126	1	R70x30-9	SLU_12	39,16	1,56	-39,05	15,71	15,71	0,313
3127	1	R70x30-9	SLU_12	62,66	-4,74	34,31	15,71	15,71	0,298
3128	1	L60x90-29	SLU_12	205,66	14,54	111,22	13,57	13,57	0,488
3133	1	L60x90-19	SLU_12	14,44	-13,79	-128,75	12,57	12,57	0,333
	2	L60x90-21	SLU_12	14,44	65,54	219,51	6,28	12,57	0,576
3134	1	L60x90-18	SLU_12	-18,41	58,34	219,51	12,57	12,57	0,532
	2	L60x90-19	SLU_12	-18,41	34,64	94,87	12,57	12,57	0,233
	3	L60x90-20	SLU_12	-18,41	-0,90	-153,33	12,57	12,57	0,372
3135	1	L60x90-31	SLU_12	427,41	-28,73	-231,74	15,71	22,62	0,753
	2	L60x90-32	SLU_12	427,41	25,49	90,28	15,71	22,62	0,413
	3	L60x90-33	SLU_12	427,41	61,63	252,09	15,71	22,62	0,641
3136	1	L60x90-34	SLU_12	353,84	70,44	261,46	15,71	22,62	0,610
	2	L60x90-35	SLU_12	353,84	52,23	250,81	9,42	22,62	0,588
	3	L60x90-36	SLU_12	353,84	-2,39	-137,44	15,71	22,62	0,514
3137	1	R50x30-34	SLU_12	298,02	0,83	-49,59	16,71	16,71	0,566
	2	R50x30-35	SLU_12	298,02	1,80	-123,96	23,00	16,71	0,807
	3	R50x30-36	SLU_12	298,02	3,66	-198,34	29,28	29,28	0,951
3138	1	R50x30-54	SLU_12	402,36	-1,71	-185,66	31,67	27,14	0,873
	2	R50x30-40	SLU_10	237,11	0,11	-312,17	45,24	63,33	0,930
3139	1	R50x30-54	SLU_12	401,62	-1,34	-185,66	31,67	27,14	0,872
	2	R50x30-40	SLU_10	236,52	0,83	-312,17	45,24	63,33	0,930
3140	1	R50x30-48	SLU_12	298,38	0,23	-49,59	27,14	27,14	0,358
	2	R50x30-49	SLU_12	298,38	0,01	-123,96	33,43	27,14	0,567
	3	R50x30-50	SLU_12	298,38	1,05	-198,34	43,86	50,14	0,645
3161	1	R80x30-27	SLU_10	-99,22	-17,13	-118,99	18,85	12,57	0,667
	2	R80x30-28	SLU_12	-53,93	-4,79	77,35	12,57	12,57	0,627
3162	1	R80x30-28	SLU_12	-56,80	-6,84	53,87	12,57	12,57	0,423
	2	R80x30-29	SLU_10	-98,27	-0,92	-137,53	18,85	12,57	0,772
3163	1	R80x30-27	SLU_10	-54,70	-4,12	-135,39	18,85	12,57	0,787
	2	R80x30-28	SLU_12	-23,79	12,45	53,82	12,57	12,57	0,453
3164	1	R80x30-28	SLU_10	-34,24	-3,67	81,32	12,57	12,57	0,678
	2	R80x30-27	SLU_10	-34,24	12,78	-119,65	18,85	12,57	0,709
3165	1	R80x30-38	SLU_10	-79,15	12,99	-120,86	24,38	12,57	0,548
	2	R80x30-39	SLU_10	-79,15	-3,39	81,26	18,10	12,57	0,637
3166	1	R80x30-39	SLU_10	-88,06	8,68	56,70	18,10	12,57	0,418
	2	R80x30-38	SLU_10	-88,06	-4,82	-135,91	24,38	12,57	0,612
3167	1	R80x30-39	SLU_12	-71,62	-27,91	18,12	18,10	12,57	0,118
3169	1	R100x30-110	SLU_12	120,44	84,98	28,54	18,10	12,57	0,381
3170	1	R100x30-110	SLU_12	112,46	90,69	35,70	18,10	12,57	0,437
3171	1	R100x30-110	SLU_12	100,38	-68,25	-56,67	18,10	12,57	0,436
	2	R100x30-114	SLU_12	100,38	-129,54	-108,87	24,38	12,57	0,595
3172	1	R100x30-113	SLU_10	27,96	16,47	-103,75	24,38	18,85	0,506
	2	R100x30-110	SLU_10	27,96	-3,91	83,63	18,10	12,57	0,731
3173	1	R100x30-110	SLU_10	8,79	1,73	-148,55	18,10	12,57	0,918
3174	1	R100x30-112	SLU_10	-35,19	9,65	-224,40	36,95	12,57	0,717
	2	R100x30-114	SLU_10	-35,19	-6,69	96,11	24,38	12,57	0,780
3175	1	R100x30-113	SLU_10	-23,36	-4,51	136,92	24,38	18,85	0,798
	2	R100x30-112	SLU_10	-23,36	18,60	-205,83	36,95	12,57	0,663
3176	1	R100x30-112	SLU_10	-0,41	18,55	-205,58	36,95	12,57	0,669

3176	2	R100x30-113	SLU_10	-0,41	-5,35	136,87	24,38	18,85	0,812
3177	1	R100x30-114	SLU_10	-11,95	-6,51	95,97	24,38	12,57	0,798
	2	R100x30-112	SLU_10	-11,95	9,13	-225,21	36,95	12,57	0,726
3178	1	R100x30-110	SLU_12	92,04	-20,30	32,97	18,10	12,57	0,371
3180	1	R100x30-114	SLU_12	109,47	-133,89	-84,19	24,38	12,57	0,485
	2	R100x30-110	SLU_12	109,47	-63,36	-36,65	18,10	12,57	0,316
3181	1	R100x30-110	SLU_12	106,48	103,62	41,26	18,10	12,57	0,482
3182	1	R100x30-110	SLU_12	112,04	83,05	31,00	18,10	12,57	0,394
3183	1	R120x30-8	SLU_10	-15,36	63,33	-156,50	21,99	15,71	0,802
	2	R120x30-9	SLU_10	-15,36	35,68	-89,10	15,71	15,71	0,613
3184	1	R120x30-9	SLU_10	-6,56	-32,72	85,03	15,71	15,71	0,590
3185	1	R120x30-9	SLU_10	-19,96	-34,24	85,04	15,71	15,71	0,581
3186	1	R120x30-9	SLU_10	-18,01	32,60	-91,32	15,71	15,71	0,624
	2	R120x30-8	SLU_10	-18,01	61,99	-161,47	21,99	15,71	0,826
3187	1	R100x30-106	SLU_10	-34,65	5,41	-91,88	12,57	12,57	0,746
3188	1	R100x30-106	SLU_10	-25,67	5,83	-79,49	12,57	12,57	0,650
3189	1	R120x30-10	SLU_12	56,11	26,66	-104,17	15,71	15,71	0,759
3190	1	R120x30-10	SLU_12	58,08	25,80	-105,42	15,71	15,71	0,769
3191	1	R100x30-106	SLU_10	-23,80	5,30	-77,84	12,57	12,57	0,638
3192	1	R100x30-106	SLU_10	-32,04	6,00	-94,04	12,57	12,57	0,767
3193	1	R50x30-21	SLU_12	38,91	1,39	-4,12	6,28	6,28	0,149
3198	1	R50x30-19	SLU_12	18,88	0,36	-15,30	9,42	9,42	0,205
3203	1	R50x30-37	SLU_10	21,35	0,99	20,30	9,05	15,33	0,172
	2	R50x30-23	SLU_10	21,35	-0,65	-17,68	9,05	9,05	0,244
	3	R50x30-38	SLU_10	21,35	0,39	-31,92	29,28	9,05	0,144
3208	1	R50x30-23	SLU_12	33,63	1,00	20,82	9,05	9,05	0,299
	2	R50x30-41	SLU_10	3,45	-1,00	-36,99	45,24	9,05	0,131
3213	1	R50x30-21	SLU_12	19,44	-2,04	-7,84	6,28	6,28	0,171
3218	1	R50x30-21	SLU_12	34,53	-2,00	3,31	6,28	6,28	0,127
3223	1	R50x30-21	SLU_12	36,62	-3,24	3,63	6,28	6,28	0,137
3228	1	R50x30-21	SLU_12	16,63	-1,75	8,44	6,28	6,28	0,178
3233	1	R50x30-23	SLU_12	37,80	-1,11	21,15	9,05	9,05	0,309
	2	R50x30-41	SLU_10	0,33	1,80	-36,94	45,24	9,05	0,135
3238	1	R50x30-45	SLU_12	22,28	-0,04	18,76	9,05	15,33	0,161
	2	R50x30-23	SLU_10	21,37	0,35	-17,19	9,05	9,05	0,238
	3	R50x30-46	SLU_10	21,37	0,54	-29,89	36,95	9,05	0,119
3243	1	R50x30-19	SLU_12	6,11	-2,25	14,17	9,42	9,42	0,179
3248	1	R50x30-21	SLU_12	25,33	9,13	-5,39	6,28	6,28	0,150
3253	1	R30x90-8	SLU_12	605,86	-0,13	-33,40	13,57	13,57	0,647
3254	1	R30x90-8	SLU_12	605,86	0,08	-44,49	13,57	13,57	0,673
3256	1	R30x90-8	SLU_12	372,53	-0,44	-26,74	13,57	13,57	0,412
3258	1	R30x90-8	SLU_12	316,68	0,74	-31,10	13,57	13,57	0,369
3260	1	R30x90-8	SLU_12	620,72	-0,22	-37,24	13,57	13,57	0,670
3261	1	R30x90-8	SLU_12	620,72	1,50	-55,66	13,57	13,57	0,712
3287	1	R100x35-66	SLU_12	491,52	44,33	-229,58	35,19	15,71	0,807
	2	R100x35-70	SLU_12	491,52	-4,10	116,28	22,62	21,99	0,759
3288	1	R100x35-140	SLU_12	477,65	-23,06	81,25	22,62	15,71	0,832
	2	R100x35-67	SLU_12	477,65	25,82	-273,37	35,19	15,71	0,916
3289	1	R80x35-20	SLU_12	712,28	1,94	-188,54	27,14	22,62	0,986
	2	R80x35-19	SLU_12	712,28	6,05	89,18	27,14	22,62	0,756

3290	1	R80x35-19	SLU_12	625,36	-17,77	66,35	27,14	22,62	0,619
	2	R80x35-21	SLU_12	625,36	5,91	-200,89	33,43	22,62	0,813
3291	1	R50x80-115	SLU_12	539,13	13,58	-342,68	21,24	18,10	0,904
	2	R50x80-116	SLU_12	539,13	1,15	244,51	21,24	24,38	0,640
	3	R50x80-117	SLU_12	539,13	-7,66	295,95	13,57	24,38	0,718
3292	1	R50x80-117	SLU_12	539,68	-7,49	295,95	13,57	24,38	0,719
	2	R50x80-116	SLU_12	539,68	1,18	243,41	21,24	24,38	0,638
	3	R50x80-115	SLU_12	539,68	13,37	-346,36	21,24	18,10	0,910
3293	1	R50x35-40	SLU_12	173,45	-4,73	-92,91	22,62	12,19	0,495
	2	R50x35-26	SLU_12	173,45	3,20	-66,37	12,19	12,19	0,686
3294	1	R50x35-37	SLU_12	354,11	-4,15	-342,39	40,72	40,72	0,945
	2	R50x35-38	SLU_12	354,11	1,54	-244,56	31,67	22,62	0,901
3295	1	R80x80-32	SLU_12	704,62	11,41	-414,56	31,67	15,71	0,753
	2	R80x80-33	SLU_12	704,62	-2,01	0,00	31,67	21,99	0,406
3296	1	R50x35-43	SLU_06	332,91	-0,59	-485,79	72,38	72,38	0,819
	2	R50x35-44	SLU_12	553,66	0,02	-330,77	72,38	45,24	0,609
	3	R50x35-45	SLU_12	553,66	1,91	-66,15	72,38	45,24	0,204
3297	1	R60x80-85	SLU_12	273,58	30,12	-584,47	28,90	18,10	0,849
	2	R60x80-86	SLU_12	273,58	20,86	-417,48	22,62	18,10	0,817
3298	1	R60x80-48	SLU_12	326,60	27,41	-439,16	27,52	21,24	0,725
	2	R60x80-44	SLU_12	326,60	19,95	-313,69	21,24	21,24	0,726
3299	1	R60x80-66	SLU_12	298,72	31,31	-559,55	33,80	21,24	0,711
	2	R60x80-61	SLU_12	298,72	22,63	-399,68	21,24	21,24	0,855
3300	1	R60x80-56	SLU_12	248,82	37,12	-595,84	33,80	21,24	0,733
	2	R60x80-57	SLU_12	248,82	27,94	-425,60	21,24	21,24	0,868
3301	1	R60x80-56	SLU_12	248,34	32,29	-595,84	33,80	21,24	0,732
	2	R60x80-57	SLU_12	248,34	23,87	-425,60	21,24	21,24	0,868
3302	1	R60x80-66	SLU_12	298,64	27,81	-559,55	33,80	21,24	0,711
	2	R60x80-61	SLU_12	298,64	19,75	-399,68	21,24	21,24	0,854
3303	1	R60x80-48	SLU_12	326,56	26,29	-438,69	27,52	21,24	0,725
	2	R60x80-44	SLU_12	326,56	19,27	-313,35	21,24	21,24	0,725
3304	1	R60x80-48	SLU_12	337,61	18,89	-445,48	27,52	21,24	0,739
	2	R60x80-44	SLU_12	337,61	16,02	-318,20	21,24	21,24	0,740
3305	1	R60x80-85	SLU_12	303,32	29,31	-583,31	28,90	18,10	0,860
	2	R60x80-86	SLU_12	303,32	19,11	-416,65	22,62	18,10	0,832
3306	1	R60x80-87	SLU_12	800,33	0,36	-460,42	27,14	18,10	0,980
3307	1	R80x80-32	SLU_12	735,70	10,58	-414,01	31,67	15,71	0,764
	2	R80x80-33	SLU_12	735,70	5,33	0,00	31,67	21,99	0,424
3308	1	R50x35-37	SLU_12	352,92	4,23	-342,39	40,72	40,72	0,945
	2	R50x35-38	SLU_12	352,92	2,49	-244,56	31,67	22,62	0,900
3309	1	R50x35-33	SLU_12	172,44	4,75	-92,91	24,76	12,19	0,454
	2	R50x35-26	SLU_12	172,44	4,43	-66,37	12,19	12,19	0,687
331	1	R50x30-21	SLU_12	5,52	0,59	-9,54	6,28	6,28	0,173
3310	1	R80x80-30	SLU_12	894,94	6,75	-431,15	28,90	21,24	0,924
	2	R80x80-31	SLU_12	894,94	4,48	-307,97	22,62	21,24	0,981
3311	1	R80x80-30	SLU_12	895,25	2,54	-431,15	28,90	21,24	0,923
	2	R80x80-31	SLU_12	895,25	-4,54	-307,97	22,62	21,24	0,981
3312	1	R60x80-48	SLU_12	339,43	19,04	-452,19	27,52	21,24	0,748
	2	R60x80-44	SLU_12	339,43	16,44	-322,99	21,24	21,24	0,749
332	1	R50x30-21	SLU_12	5,98	0,75	-9,93	6,28	6,28	0,181

333	1	R50x30-21	SLU_12	11,26	1,17	-11,95	6,28	6,28	0,226
334	1	R50x30-21	SLU_12	10,94	-1,17	-12,18	6,28	6,28	0,227
335	1	R50x30-21	SLU_12	6,25	-0,69	-10,66	6,28	6,28	0,192
336	1	R50x30-21	SLU_12	6,01	0,18	-9,98	6,28	6,28	0,180
337	1	R50x30-21	SLU_12	4,75	0,40	-9,54	6,28	6,28	0,171
338	1	R100x35-152	SLU_12	344,29	-5,55	-296,32	45,99	15,71	0,720
	2	R100x35-155	SLU_12	344,29	2,40	144,41	27,14	28,27	0,632
339	1	R50x30-21	SLU_01	3,73	0,39	-9,07	6,28	6,28	0,161
340	1	R50x30-21	SLU_01	2,98	0,49	-10,63	6,28	6,28	0,186
341	1	R50x30-21	SLU_12	-27,43	1,61	-5,32	6,28	6,28	0,048
342	1	R50x80-57	SLU_12	12,65	-2,91	37,08	15,71	15,71	0,095
	2	R50x80-58	SLU_03	9,34	2,64	-124,49	15,71	9,42	0,291
343	1	R50x80-56	SLU_12	7,31	-3,20	60,14	9,42	15,71	0,143
	2	R50x80-57	SLU_12	7,31	1,00	-58,91	15,71	15,71	0,140
	3	R50x80-58	SLU_12	7,31	3,52	-130,34	15,71	9,42	0,303
344	1	R50x80-56	SLU_12	6,07	-1,83	72,92	9,42	15,71	0,171
	2	R50x80-57	SLU_12	6,07	1,06	-98,99	15,71	15,71	0,231
	3	R50x80-58	SLU_12	6,07	2,02	-156,30	15,71	9,42	0,361
345	1	R50x80-56	SLU_04	7,04	-1,44	75,15	9,42	15,71	0,177
	2	R50x80-57	SLU_12	6,88	1,02	-114,71	15,71	15,71	0,267
	3	R50x80-58	SLU_12	6,88	2,02	-178,01	15,71	9,42	0,411
346	1	R50x80-56	SLU_12	10,35	-1,17	88,16	9,42	15,71	0,209
	2	R50x80-57	SLU_12	10,35	0,58	-121,82	15,71	15,71	0,285
	3	R50x80-58	SLU_12	10,35	1,16	-191,82	15,71	9,42	0,445
347	1	R50x80-56	SLU_12	9,36	-0,40	82,58	9,42	15,71	0,195
	2	R50x80-57	SLU_12	9,36	0,23	-113,03	15,71	15,71	0,264
	3	R50x80-58	SLU_12	9,36	0,44	-178,23	15,71	9,42	0,412
348	1	R50x80-91	SLU_12	8,73	0,04	-133,00	13,57	13,57	0,356
349	1	R50x80-56	SLU_12	9,98	-0,77	82,99	9,42	15,71	0,197
	2	R50x80-57	SLU_12	9,98	0,49	-113,76	15,71	15,71	0,267
	3	R50x80-58	SLU_12	9,98	0,91	-179,34	15,71	9,42	0,416
40	1	R50x30-21	SLU_04	3,45	0,21	-11,54	6,28	6,28	0,202
612	1	R80x30-27	SLU_12	5,59	16,95	-107,28	18,85	12,57	0,661
	2	R80x30-28	SLU_12	5,59	-4,01	35,93	12,57	12,57	0,320
	3	R80x30-27	SLU_12	5,59	-7,50	28,13	18,85	12,57	0,255
613	1	R100x35-150	SLU_12	219,12	2,39	103,94	27,14	15,71	0,757
	2	R100x35-152	SLU_03	126,54	4,23	-316,27	45,99	15,71	0,707
614	1	R80x30-27	SLU_12	-28,57	-6,57	-32,94	18,85	12,57	0,185
	2	R80x30-28	SLU_12	-28,57	-5,16	-36,87	12,57	12,57	0,297
621	1	R80x30-28	SLU_12	-43,98	1,93	-58,22	12,57	12,57	0,467
622	1	R80x30-28	SLU_12	-15,38	-9,24	-36,70	12,57	12,57	0,310
	2	R80x30-27	SLU_12	-15,38	5,74	-34,72	18,85	12,57	0,204
623	1	R100x35-121	SLU_03	33,27	-9,48	-401,55	47,75	21,24	0,835
	2	R100x35-122	SLU_03	33,27	6,44	209,50	22,62	27,52	0,734
650	1	R50x80-56	SLU_12	11,15	-0,89	88,67	9,42	15,71	0,211
	2	R50x80-57	SLU_12	11,15	0,60	-122,67	15,71	15,71	0,288
	3	R50x80-58	SLU_12	11,15	1,09	-193,12	15,71	9,42	0,448
651	1	R100x35-78	SLU_03	34,64	-14,72	143,09	22,62	21,24	0,647
	2	R100x35-124	SLU_03	34,64	12,39	-436,62	47,75	27,52	0,907
652	1	R100x30-68	SLU_01	-8,76	0,80	-30,10	28,27	15,71	0,120

652	2	R100x30-67	SLU_01	-8,76	-1,25	-27,45	15,71	15,71	0,185
653	1	R100x30-67	SLU_01	-3,51	0,62	-87,58	15,71	15,71	0,606
654	1	R100x30-67	SLU_01	-13,50	-1,33	-27,23	15,71	15,71	0,180
	2	R100x30-68	SLU_01	-13,50	0,81	-29,59	28,27	15,71	0,116
655	1	R100x35-152	SLU_03	132,42	4,47	-313,58	45,99	15,71	0,703
	2	R100x35-150	SLU_12	225,43	1,81	-98,98	27,14	15,71	0,445
	3	R100x35-153	SLU_12	225,43	2,20	104,92	27,14	21,99	0,570
656	1	R80x30-18	SLU_12	306,31	8,20	-45,11	28,90	15,71	0,317
	2	R80x30-17	SLU_12	306,31	6,35	-30,43	22,62	15,71	0,326
657	1	R100x35-155	SLU_12	352,47	2,48	144,70	27,14	28,27	0,637
	2	R100x35-152	SLU_12	352,47	-5,83	-298,43	45,99	15,71	0,727
658	1	R100x30-68	SLU_01	-13,98	0,84	-27,19	28,27	15,71	0,106
	2	R100x30-67	SLU_01	-13,98	-1,32	-28,58	15,71	15,71	0,189
659	1	R100x30-67	SLU_01	-3,55	0,55	-88,10	15,71	15,71	0,609
660	1	R100x30-67	SLU_01	-9,26	-1,31	-25,26	15,71	15,71	0,169
	2	R100x30-68	SLU_01	-9,26	0,84	-32,22	28,27	15,71	0,129
661	1	R100x35-124	SLU_03	43,34	12,26	-432,44	47,75	27,52	0,900
	2	R100x35-78	SLU_03	43,34	-14,70	144,68	22,62	21,24	0,658
662	1	R100x35-122	SLU_03	42,88	6,34	210,09	22,62	27,52	0,741
	2	R100x35-121	SLU_03	42,88	8,53	-404,48	47,75	21,24	0,844
663	1	R100x30-100	SLU_01	-5,76	0,64	-28,54	25,13	12,57	0,128
	2	R100x30-99	SLU_01	-5,76	-1,17	-26,02	12,57	12,57	0,215
664	1	R100x30-99	SLU_01	0,25	0,48	-82,28	12,57	12,57	0,694
665	1	R100x30-99	SLU_01	-5,35	0,28	-25,27	12,57	12,57	0,208
	2	R100x30-100	SLU_01	-5,35	-0,46	-28,29	25,13	12,57	0,127
666	1	R80x35-21	SLU_12	481,25	12,86	-183,86	33,43	22,62	0,711
	2	R80x35-19	SLU_12	481,25	7,47	62,70	27,14	22,62	0,522
667	1	R100x30-100	SLU_01	1,26	-0,60	-72,68	25,13	12,57	0,332
	2	R100x30-99	SLU_01	1,26	1,79	-98,59	12,57	12,57	0,834
668	1	R80x35-19	SLU_12	416,22	0,94	88,61	27,14	22,62	0,594
	2	R80x35-21	SLU_12	416,22	16,22	-169,26	33,43	22,62	0,646
669	1	R100x30-99	SLU_01	1,64	1,87	-98,36	12,57	12,57	0,832
	2	R100x30-100	SLU_01	1,64	-0,62	-72,64	25,13	12,57	0,332
670	1	R80x35-17	SLU_12	413,40	16,08	-169,38	33,43	18,10	0,646
	2	R80x35-15	SLU_12	413,40	0,97	88,74	27,14	18,10	0,727
671	1	R100x30-100	SLU_01	-5,84	-0,45	-25,26	25,13	12,57	0,113
	2	R100x30-99	SLU_01	-5,84	-0,60	-27,49	12,57	12,57	0,227
672	1	R100x30-99	SLU_01	0,36	0,52	-82,35	12,57	12,57	0,694
673	1	R100x30-99	SLU_01	-6,54	-1,20	-23,23	12,57	12,57	0,190
	2	R100x30-100	SLU_01	-6,54	0,69	-31,15	25,13	12,57	0,139
674	1	R80x35-15	SLU_12	479,07	-5,54	62,91	27,14	18,10	0,642
	2	R80x35-17	SLU_12	479,07	12,91	-182,89	33,43	18,10	0,708
675	1	R100x30-100	SLU_01	-7,23	1,17	-28,93	25,13	12,57	0,129
	2	R100x30-99	SLU_01	-7,23	-1,12	-19,61	12,57	12,57	0,159
676	1	R100x30-99	SLU_01	1,03	-0,28	-78,34	12,57	12,57	0,661
677	1	R100x30-99	SLU_01	-4,35	-1,04	-25,61	12,57	12,57	0,212
	2	R100x30-100	SLU_01	-4,35	1,07	-27,31	25,13	12,57	0,123
678	1	R80x35-17	SLU_12	626,40	6,33	-198,70	33,43	18,10	0,808
	2	R80x35-15	SLU_12	626,40	-18,21	66,75	27,14	18,10	0,768
679	1	R100x30-100	SLU_01	3,62	-0,41	-95,30	25,13	12,57	0,437

679	2	R100x30-99	SLU_01	3,62	0,94	-91,64	12,57	12,57	0,776
680	1	R100x30-99	SLU_01	-0,81	-1,31	-68,61	12,57	12,57	0,578
681	1	R100x30-99	SLU_01	-0,95	-1,28	-68,92	12,57	12,57	0,580
682	1	R100x30-99	SLU_01	3,42	0,84	-92,12	12,57	12,57	0,780
	2	R100x30-100	SLU_01	3,42	-0,31	-94,85	25,13	12,57	0,434
683	1	R80x35-15	SLU_12	716,58	-5,92	88,66	27,14	18,10	0,930
	2	R80x35-18	SLU_12	716,58	-6,88	-190,66	27,14	18,10	0,996
684	1	R100x30-100	SLU_01	-3,33	1,02	-27,38	25,13	12,57	0,124
	2	R100x30-99	SLU_01	-3,33	-1,01	-25,67	12,57	12,57	0,214
685	1	R100x30-99	SLU_01	1,27	-0,23	-78,36	12,57	12,57	0,661
686	1	R100x30-99	SLU_01	-7,41	-1,11	-18,34	12,57	12,57	0,148
	2	R100x30-100	SLU_01	-7,41	1,12	-30,08	25,13	12,57	0,134
688	1	R50x30-21	SLU_12	7,39	-0,32	3,14	6,28	6,28	0,068
690	1	R50x30-21	SLU_12	8,18	0,30	-2,67	6,28	6,28	0,062
692	1	R50x30-21	SLU_12	9,22	0,18	-1,78	6,28	6,28	0,048
694	1	R50x30-21	SLU_12	8,48	-0,14	1,28	6,28	6,28	0,038
696	1	R50x30-21	SLU_12	16,12	0,38	-2,79	6,28	6,28	0,079
697	1	R50x30-21	SLU_06	20,06	-0,26	-46,00	6,28	6,28	0,811
698	1	R50x80-56	SLU_12	6,71	-0,68	75,37	9,42	15,71	0,177
	2	R50x80-57	SLU_12	6,71	0,44	-115,07	15,71	15,71	0,267
	3	R50x80-58	SLU_12	6,71	0,82	-178,55	15,71	9,42	0,411
699	1	R50x30-21	SLU_06	20,34	0,28	-45,93	6,28	6,28	0,812
701	1	R50x30-21	SLU_12	16,52	-0,32	-2,89	6,28	6,28	0,079
703	1	R50x30-21	SLU_12	8,31	-0,15	2,24	6,28	6,28	0,054
705	1	R50x30-21	SLU_12	8,90	0,12	-2,05	6,28	6,28	0,052
707	1	R50x30-21	SLU_12	8,09	-0,30	-2,67	6,28	6,28	0,060
709	1	R50x30-21	SLU_12	7,46	0,32	2,80	6,28	6,28	0,061
712	1	R50x30-21	SLU_01	10,42	0,08	5,27	6,28	6,28	0,108
713	1	R50x30-21	SLU_12	11,62	-0,14	5,94	6,28	6,28	0,122
714	1	R50x30-21	SLU_12	15,18	-0,12	5,74	6,28	6,28	0,125
715	1	R50x30-21	SLU_12	15,88	-0,06	5,55	6,28	6,28	0,123
716	1	R50x30-28	SLU_12	11,78	0,01	5,87	12,19	12,19	0,066
717	1	R50x30-21	SLU_12	16,11	0,05	5,58	6,28	6,28	0,123
718	1	R50x30-21	SLU_12	15,62	0,11	5,67	6,28	6,28	0,124
719	1	R50x30-21	SLU_12	11,59	0,14	5,86	6,28	6,28	0,120
720	1	R50x30-21	SLU_01	10,13	-0,08	5,04	6,28	6,28	0,104
721	1	R80x30-17	SLU_12	258,26	4,90	-75,83	22,62	15,71	0,528
	1	R80x30-17	SLU_12	207,38	7,90	-27,89	22,62	15,71	0,258
722	2	R80x30-18	SLU_12	207,38	6,25	-45,25	28,90	15,71	0,275
	1	R80x30-18	SLU_04	4,09	-12,08	-42,42	28,90	15,71	0,179
724	2	R80x30-17	SLU_04	4,09	2,21	-115,95	22,62	15,71	0,597
	1	R80x30-17	SLU_04	2,65	1,94	-115,52	22,62	15,71	0,594
726	2	R80x30-18	SLU_04	2,65	-11,96	-42,82	28,90	15,71	0,181
	1	R80x30-18	SLU_12	208,57	6,21	-42,56	28,90	15,71	0,264
728	2	R80x30-17	SLU_12	208,57	8,00	-30,71	22,62	15,71	0,273
	1	R80x30-17	SLU_12	260,10	6,78	-77,35	22,62	15,71	0,537
730	1	R80x30-17	SLU_12	308,59	6,35	-25,43	22,62	15,71	0,302
	2	R80x30-18	SLU_12	308,59	8,31	-50,26	28,90	15,71	0,338
732	1	R80x30-18	SLU_12	497,98	-18,98	28,52	28,90	15,71	0,587
	2	R80x30-17	SLU_12	497,98	17,12	-126,80	22,62	15,71	0,922

733	1	R80x30-26	SLU_12	27,37	-4,64	-50,53	12,57	12,57	0,466
	1	R100x30-114	SLU_12	126,16	30,42	-128,16	24,38	12,57	0,673
734	2	R100x30-110	SLU_12	126,16	-16,25	50,20	18,10	12,57	0,548
	3	R100x30-109	SLU_12	126,16	-10,09	34,19	30,66	12,57	0,403
736	1	R100x30-111	SLU_12	203,83	15,36	-64,43	36,95	12,57	0,277
	2	R100x30-110	SLU_12	203,83	11,03	-32,05	18,10	12,57	0,340
737	1	R100x30-110	SLU_12	208,58	13,30	-94,11	18,10	12,57	0,721
738	1	R100x30-110	SLU_12	217,65	12,57	-32,21	18,10	12,57	0,352
	2	R100x30-111	SLU_12	217,65	7,67	-61,05	36,95	12,57	0,269
	1	R100x30-111	SLU_12	253,86	-17,22	21,48	36,95	12,57	0,413
740	2	R100x30-110	SLU_12	253,86	-8,34	41,53	18,10	12,57	0,583
	3	R100x30-114	SLU_12	253,86	13,84	-144,18	24,38	12,57	0,806
	1	R100x30-114	SLU_12	254,10	13,45	-144,28	24,38	12,57	0,807
742	2	R100x30-110	SLU_12	254,10	-8,42	41,53	18,10	12,57	0,583
	3	R100x30-111	SLU_12	254,10	-17,17	21,52	36,95	12,57	0,414
744	1	R100x30-111	SLU_12	216,38	7,63	-56,69	36,95	12,57	0,255
	2	R100x30-110	SLU_12	216,38	12,76	-36,01	18,10	12,57	0,375
745	1	R100x30-110	SLU_12	208,16	13,47	-95,95	18,10	12,57	0,732
746	1	R100x30-110	SLU_12	202,81	11,03	-27,95	18,10	12,57	0,315
	2	R100x30-111	SLU_12	202,81	15,51	-67,00	36,95	12,57	0,284
	1	R50x80-56	SLU_12	6,36	-1,49	73,14	9,42	15,71	0,172
747	2	R50x80-57	SLU_12	6,36	0,80	-99,33	15,71	15,71	0,231
	3	R50x80-58	SLU_12	6,36	1,56	-156,82	15,71	9,42	0,362
	1	R100x30-111	SLU_12	126,07	-10,34	31,02	36,95	12,57	0,374
749	2	R100x30-110	SLU_12	126,07	-16,41	49,17	18,10	12,57	0,540
	3	R100x30-114	SLU_12	126,07	31,31	-122,90	24,38	12,57	0,648
750	1	R80x30-26	SLU_12	27,62	-5,15	-48,73	12,57	12,57	0,451
752	1	R100x30-82	SLU_12	61,78	12,32	-49,53	21,99	15,71	0,294
	2	R100x30-67	SLU_12	61,78	3,82	-15,44	15,71	15,71	0,157
753	1	R100x30-67	SLU_12	95,91	8,85	-71,92	15,71	15,71	0,574
754	1	R100x30-67	SLU_12	127,99	5,54	-29,99	15,71	15,71	0,308
	2	R100x30-82	SLU_12	127,99	-7,34	-41,40	21,99	15,71	0,285
	1	R100x30-82	SLU_12	172,56	12,42	-77,01	21,99	15,71	0,495
756	2	R100x30-67	SLU_12	172,56	-2,98	33,25	15,71	15,71	0,361
	3	R100x30-68	SLU_12	172,56	-13,22	-99,58	28,27	15,71	0,484
	1	R100x30-68	SLU_12	171,54	-13,28	-99,71	28,27	15,71	0,484
758	2	R100x30-67	SLU_12	171,54	-3,11	33,22	15,71	15,71	0,360
	3	R100x30-82	SLU_12	171,54	12,54	-76,67	21,99	15,71	0,492
	1	R100x30-82	SLU_12	125,71	-7,39	-39,71	21,99	15,71	0,275
760	2	R100x30-67	SLU_12	125,71	5,68	-30,18	15,71	15,71	0,308
761	1	R100x30-67	SLU_12	94,18	8,96	-72,59	15,71	15,71	0,577
762	1	R100x30-67	SLU_12	59,12	3,88	-14,76	15,71	15,71	0,150
	2	R100x30-82	SLU_12	59,12	12,37	-49,11	21,99	15,71	0,291
776	1	R50x30-21	SLU_12	19,06	2,86	-13,02	6,28	6,28	0,261
777	1	R50x30-19	SLU_04	1,49	2,82	-31,53	9,42	9,42	0,380
778	1	R50x30-19	SLU_12	4,74	-3,59	25,64	9,42	9,42	0,315
779	1	R50x30-19	SLU_12	13,37	-2,83	21,03	9,42	9,42	0,270
780	1	R50x30-19	SLU_12	20,40	-2,52	19,25	9,42	9,42	0,257
781	1	R50x30-19	SLU_12	31,99	-1,62	11,71	9,42	9,42	0,180
	1	R50x30-18	SLU_12	96,95	3,63	-28,10	15,71	9,42	0,287

782	2	R50x30-19	SLU_12	96,95	-0,22	7,56	9,42	9,42	0,211
	3	R50x30-20	SLU_12	96,95	-2,54	28,96	9,42	15,71	0,292
783	1	R50x30-21	SLU_12	106,90	-0,03	8,34	6,28	6,28	0,339
784	1	R50x30-19	SLU_12	129,44	0,06	34,31	9,42	9,42	0,565
785	1	R50x30-19	SLU_04	9,31	0,07	24,70	9,42	9,42	0,304
	1	R50x30-18	SLU_12	94,47	3,97	-28,39	15,71	9,42	0,288
786	2	R50x30-19	SLU_12	94,47	0,25	7,66	9,42	9,42	0,208
	3	R50x30-20	SLU_12	94,47	-2,48	29,28	9,42	15,71	0,293
787	1	R50x30-19	SLU_12	31,81	-1,60	11,76	9,42	9,42	0,181
788	1	R50x30-19	SLU_12	20,46	-2,82	21,09	9,42	9,42	0,279
789	1	R50x30-19	SLU_12	13,36	-2,77	21,82	9,42	9,42	0,279
790	1	R50x30-19	SLU_12	4,65	-3,32	24,69	9,42	9,42	0,303
	1	R50x80-56	SLU_12	6,32	3,21	60,08	9,42	15,71	0,142
791	2	R50x80-57	SLU_12	6,32	0,32	-58,63	15,71	15,71	0,138
	3	R50x80-58	SLU_12	6,32	0,92	-129,86	15,71	9,42	0,301
792	1	R50x80-57	SLU_12	12,82	-1,01	34,48	15,71	15,71	0,089
	2	R50x80-58	SLU_12	12,82	1,17	-117,54	15,71	9,42	0,278
793	1	R50x30-19	SLU_04	1,35	2,54	-29,35	9,42	9,42	0,353
794	1	R50x30-21	SLU_01	12,05	0,03	-29,74	6,28	6,28	0,523
795	1	R50x30-21	SLU_01	11,43	0,06	12,30	6,28	6,28	0,228
796	1	R50x30-21	SLU_01	11,27	-0,06	12,36	6,28	6,28	0,229
797	1	R50x30-21	SLU_01	11,86	0,08	-30,10	6,28	6,28	0,529
802	1	R50x30-21	SLU_12	-29,56	-1,46	-5,33	6,28	6,28	0,045
803	1	R50x30-21	SLU_12	20,06	3,10	-16,21	6,28	6,28	0,317
804	1	R50x30-21	SLU_12	-11,51	1,55	-1,88	6,28	6,28	0,018
805	1	R50x30-21	SLU_12	-20,62	0,80	-3,52	6,28	6,28	0,029
806	1	R50x30-21	SLU_12	-19,89	0,66	-3,40	6,28	6,28	0,027
807	1	R50x30-21	SLU_12	-12,36	-1,43	-1,84	6,28	6,28	0,017
808	1	R50x30-21	SLU_12	14,36	0,24	5,88	6,28	6,28	0,125
809	1	R50x30-21	SLU_12	12,89	-0,16	5,94	6,28	6,28	0,124
810	1	R50x50-2	SLU_01	1,24	0,44	-27,98	9,42	9,42	0,179
811	1	R50x50-2	SLU_01	1,50	0,48	-25,35	9,42	9,42	0,163
812	1	R50x50-2	SLU_01	2,37	0,57	-24,34	9,42	9,42	0,157
813	1	R50x50-2	SLU_01	2,86	0,40	-27,80	9,42	9,42	0,180
814	1	R50x80-56	SLU_01	7,52	0,57	38,17	9,42	15,71	0,093
	2	R50x80-58	SLU_01	7,52	-1,14	-61,07	15,71	9,42	0,145
816	1	R50x80-58	SLU_01	11,85	0,41	-54,11	15,71	9,42	0,133
	2	R50x80-56	SLU_01	11,85	-0,23	23,23	9,42	15,71	0,062
818	3	R50x80-57	SLU_01	11,85	-0,74	-37,70	15,71	15,71	0,095
	1	R50x80-57	SLU_01	15,98	-0,53	-51,27	15,71	15,71	0,129
819	2	R50x80-56	SLU_01	15,98	-0,04	32,33	9,42	15,71	0,086
	3	R50x80-57	SLU_01	15,98	0,42	-51,43	15,71	15,71	0,130
820	1	R50x80-57	SLU_01	16,27	-0,20	-58,95	15,71	15,71	0,147
	2	R50x80-56	SLU_01	16,27	-0,06	42,61	9,42	15,71	0,110
821	3	R50x80-57	SLU_01	16,27	0,16	-34,62	15,71	15,71	0,092
	1	R50x80-57	SLU_12	17,12	0,12	-21,45	15,71	15,71	0,062
821	2	R50x80-58	SLU_01	11,97	0,16	-90,72	15,71	9,42	0,216
	1	R50x80-58	SLU_01	12,10	0,17	-91,01	15,71	9,42	0,216
821	2	R50x80-57	SLU_12	17,28	0,11	-21,47	15,71	15,71	0,063
	1	R50x80-57	SLU_01	16,49	0,14	-34,46	15,71	15,71	0,091

822	2	R50x80-56	SLU_01	16,49	-0,05	42,83	9,42	15,71	0,110
	3	R50x80-57	SLU_01	16,49	-0,18	-58,72	15,71	15,71	0,146
	1	R50x80-57	SLU_01	16,34	0,40	-51,07	15,71	15,71	0,129
823	2	R50x80-56	SLU_01	16,34	-0,04	32,40	9,42	15,71	0,087
	3	R50x80-57	SLU_01	16,34	-0,50	-51,67	15,71	15,71	0,130
	1	R50x80-69	SLU_01	12,70	-0,72	-37,56	15,71	15,71	0,095
825	2	R50x80-68	SLU_01	12,70	-0,23	23,57	9,42	15,71	0,064
	3	R50x80-69	SLU_01	12,70	0,38	-53,64	15,71	15,71	0,132
	1	R50x80-71	SLU_01	8,44	-1,13	-61,32	15,71	9,42	0,146
827	2	R50x80-68	SLU_01	8,44	0,50	37,37	9,42	15,71	0,092
	1	R100x30-67	SLU_01	15,22	4,47	-88,88	15,71	15,71	0,631
828	2	R100x30-68	SLU_01	15,22	-4,03	-88,31	28,27	15,71	0,369
	1	R100x30-104	SLU_01	1,40	1,84	-115,27	18,85	12,57	0,684
829	2	R100x30-99	SLU_01	1,40	0,24	57,75	12,57	12,57	0,488
	3	R100x30-100	SLU_01	1,40	-1,15	-101,25	25,13	12,57	0,463
830	1	R80x30-26	SLU_01	-1,44	1,74	-82,25	12,57	12,57	0,714
831	1	R30x80-2	SLU_04	8,49	2,04	-209,43	9,42	9,42	0,807
832	1	R80x30-26	SLU_01	-2,27	1,60	-81,65	12,57	12,57	0,708
833	1	R30x80-2	SLU_04	8,70	2,01	-208,41	9,42	9,42	0,803
	1	R100x30-68	SLU_01	12,74	-3,94	-88,91	28,27	15,71	0,371
834	2	R100x30-67	SLU_01	12,74	4,30	-87,84	15,71	15,71	0,622
	1	R100x30-100	SLU_01	1,00	-1,03	-101,83	25,13	12,57	0,465
835	2	R100x30-99	SLU_01	1,00	0,25	57,17	12,57	12,57	0,482
	3	R100x30-104	SLU_01	1,00	1,79	-114,20	18,85	12,57	0,677
836	1	R50x30-19	SLU_04	-5,34	1,08	-9,81	9,42	9,42	0,111
837	1	R50x30-28	SLU_06	11,47	-0,01	-85,34	12,19	12,19	0,813
838	1	R50x30-28	SLU_06	-8,30	0,16	47,04	12,19	12,19	0,434
	1	R100x30-68	SLU_01	10,08	1,50	-26,58	28,27	15,71	0,114
840	2	R100x30-67	SLU_01	10,08	1,35	-27,52	15,71	15,71	0,199
841	1	R100x30-67	SLU_01	6,48	1,45	-88,94	15,71	15,71	0,623
	1	R100x30-67	SLU_01	4,30	-2,35	-26,26	15,71	15,71	0,186
842	2	R100x30-68	SLU_01	4,30	1,50	-27,23	28,27	15,71	0,114
844	1	R50x30-19	SLU_12	-6,99	0,73	-12,52	9,42	9,42	0,141
	1	R100x30-68	SLU_01	16,60	1,21	-22,29	28,27	15,71	0,099
846	2	R100x30-67	SLU_01	16,60	-1,47	-31,71	15,71	15,71	0,233
847	1	R100x30-67	SLU_01	11,48	-2,09	-90,40	15,71	15,71	0,636
	1	R100x30-67	SLU_01	12,44	1,48	-22,32	15,71	15,71	0,165
848	2	R100x30-68	SLU_01	12,44	-1,92	-32,48	28,27	15,71	0,139
	1	R100x30-100	SLU_01	11,40	1,48	-25,44	25,13	12,57	0,122
851	2	R100x30-99	SLU_01	11,40	-2,43	-26,46	12,57	12,57	0,235
852	1	R100x30-99	SLU_01	10,81	1,34	-83,68	12,57	12,57	0,716
	1	R100x30-99	SLU_01	9,82	0,95	-24,14	12,57	12,57	0,213
853	2	R100x30-100	SLU_01	9,82	1,16	-26,49	25,13	12,57	0,126
	1	R100x30-100	SLU_01	5,16	-2,75	-62,63	25,13	12,57	0,289
855	2	R100x30-99	SLU_01	5,16	0,72	43,53	12,57	12,57	0,372
	3	R100x30-104	SLU_01	5,16	5,04	-106,70	18,85	12,57	0,637
	1	R100x30-104	SLU_01	10,08	4,59	-110,83	18,85	12,57	0,664
857	2	R100x30-99	SLU_01	10,08	0,58	43,63	12,57	12,57	0,377
	3	R100x30-100	SLU_01	10,08	-2,63	-60,04	25,13	12,57	0,279
859	1	R100x30-100	SLU_01	23,93	-1,66	-19,39	25,13	12,57	0,100

859	2	R100x30-99	SLU_01	23,93	1,44	-30,94	12,57	12,57	0,284
860	1	R100x30-99	SLU_01	17,29	0,99	-85,03	12,57	12,57	0,733
861	1	R100x30-99	SLU_01	14,90	-2,41	-19,14	12,57	12,57	0,176
	2	R100x30-100	SLU_01	14,90	1,40	-33,08	25,13	12,57	0,159
863	1	R100x30-82	SLU_01	8,31	2,03	-30,17	21,99	15,71	0,161
	2	R100x30-67	SLU_01	8,31	-2,16	-16,50	15,71	15,71	0,121
864	1	R100x30-67	SLU_01	10,05	0,73	-80,81	15,71	15,71	0,568
865	1	R100x30-67	SLU_01	10,95	-1,80	-25,64	15,71	15,71	0,187
	2	R100x30-68	SLU_01	10,95	2,22	-23,68	28,27	15,71	0,102
867	1	R100x30-68	SLU_01	10,24	-1,26	-91,49	28,27	15,71	0,380
	2	R100x30-67	SLU_01	10,24	2,03	-94,58	15,71	15,71	0,665
868	1	R100x30-67	SLU_01	8,30	-1,41	-73,40	15,71	15,71	0,516
869	1	R100x30-67	SLU_01	8,93	-0,98	-73,69	15,71	15,71	0,518
870	1	R100x30-67	SLU_01	13,97	2,53	-95,89	15,71	15,71	0,677
	2	R100x30-68	SLU_01	13,97	-1,80	-90,60	28,27	15,71	0,378
872	1	R100x30-68	SLU_01	13,69	2,18	-22,78	28,27	15,71	0,100
	2	R100x30-67	SLU_01	13,69	-1,52	-25,44	15,71	15,71	0,187
873	1	R100x30-67	SLU_01	15,80	0,77	-80,93	15,71	15,71	0,573
874	1	R100x30-67	SLU_01	13,15	-2,56	-12,81	15,71	15,71	0,099
	2	R100x30-82	SLU_12	15,90	2,87	-34,02	21,99	15,71	0,185
876	1	R50x30-21	SLU_12	8,62	-0,91	5,68	6,28	6,28	0,114
878	1	R50x30-21	SLU_12	9,43	0,78	-4,50	6,28	6,28	0,096
880	1	R50x30-21	SLU_12	10,33	0,60	-2,76	6,28	6,28	0,068
882	1	R50x30-21	SLU_12	10,31	-0,47	2,11	6,28	6,28	0,057
884	1	R50x30-21	SLU_12	19,46	-0,73	5,26	6,28	6,28	0,128
885	1	R50x30-19	SLU_12	31,32	-0,50	-46,27	9,42	9,42	0,586
886	1	R50x30-19	SLU_12	29,77	-0,36	-46,08	9,42	9,42	0,582
888	1	R50x30-21	SLU_12	19,04	0,95	5,49	6,28	6,28	0,129
890	1	R50x30-21	SLU_12	10,16	0,45	-3,84	6,28	6,28	0,086
892	1	R50x30-21	SLU_12	11,97	0,48	-3,21	6,28	6,28	0,079
894	1	R50x30-21	SLU_12	8,88	0,46	-4,54	6,28	6,28	0,095
896	1	R50x30-21	SLU_12	8,06	-0,40	5,02	6,28	6,28	0,101
899	1	R50x30-21	SLU_02	12,04	0,18	8,54	6,28	6,28	0,166
900	1	R50x30-21	SLU_12	14,20	-0,23	9,86	6,28	6,28	0,193
901	1	R50x30-21	SLU_12	22,33	-0,18	9,43	6,28	6,28	0,200
902	1	R50x30-19	SLU_12	28,35	-0,08	9,13	9,42	9,42	0,143
903	1	R50x30-21	SLU_12	23,15	0,02	8,72	6,28	6,28	0,189
904	1	R50x30-19	SLU_12	27,80	0,12	9,20	9,42	9,42	0,143
905	1	R50x30-21	SLU_12	22,16	0,20	9,31	6,28	6,28	0,197
906	1	R50x30-21	SLU_12	15,21	0,22	9,69	6,28	6,28	0,191
907	1	R50x30-21	SLU_02	12,28	-0,25	8,13	6,28	6,28	0,161
908	1	R50x30-21	SLU_04	8,36	0,23	-19,19	6,28	6,28	0,340
909	1	R50x30-21	SLU_04	6,11	0,53	-16,27	6,28	6,28	0,288
910	1	R50x30-21	SLU_12	7,55	0,87	-16,53	6,28	6,28	0,296
911	1	R50x30-21	SLU_12	7,99	0,92	-16,46	6,28	6,28	0,295
912	1	R50x30-21	SLU_12	9,02	1,07	-17,07	6,28	6,28	0,308
913	1	R50x30-21	SLU_12	16,01	1,62	-19,96	6,28	6,28	0,371
914	1	R50x30-21	SLU_12	14,36	-1,31	-20,34	6,28	6,28	0,371
915	1	R50x30-21	SLU_12	7,07	0,36	-18,36	6,28	6,28	0,325
916	1	R50x30-21	SLU_12	4,77	0,47	-17,53	6,28	6,28	0,307

917	1	R50x30-21	SLU_12	7,53	0,53	-16,45	6,28	6,28	0,294
918	1	R50x30-21	SLU_04	5,96	0,29	-15,44	6,28	6,28	0,273
919	1	R50x30-21	SLU_01	8,44	0,53	-17,46	6,28	6,28	0,313
920	1	R50x80-56	SLU_12	29,92	-6,74	100,18	9,42	15,71	0,253
	2	R50x80-58	SLU_12	29,92	8,27	-222,96	15,71	9,42	0,532
921	1	R50x80-56	SLU_12	21,38	-6,48	113,12	9,42	15,71	0,275
	2	R50x80-57	SLU_12	21,38	1,90	-95,79	15,71	15,71	0,236
	3	R50x80-58	SLU_12	21,38	6,93	-221,14	15,71	9,42	0,521
922	1	R50x80-56	SLU_12	21,55	-5,05	135,02	9,42	15,71	0,325
	2	R50x80-57	SLU_12	21,55	3,25	-163,76	15,71	15,71	0,391
	3	R50x80-58	SLU_12	21,55	6,02	-263,35	15,71	9,42	0,617
923	1	R50x80-56	SLU_04	25,79	-2,90	148,83	9,42	15,71	0,360
	2	R50x80-57	SLU_12	25,31	2,37	-191,08	15,71	15,71	0,456
	3	R50x80-58	SLU_12	25,31	4,58	-304,39	15,71	9,42	0,714
924	1	R50x80-56	SLU_12	35,70	-2,75	163,97	9,42	15,71	0,403
	2	R50x80-57	SLU_12	35,70	1,55	-202,83	15,71	15,71	0,490
	3	R50x80-58	SLU_12	35,70	2,98	-325,10	15,71	9,42	0,769
925	1	R50x80-56	SLU_12	38,45	-1,09	155,02	9,42	15,71	0,384
	2	R50x80-57	SLU_12	38,45	0,58	-190,06	15,71	15,71	0,463
	3	R50x80-58	SLU_12	38,45	1,14	-305,09	15,71	9,42	0,724
926	1	R50x80-56	SLU_12	38,27	-0,20	99,19	9,42	15,71	0,256
	2	R50x80-57	SLU_12	38,27	0,15	-137,93	15,71	15,71	0,344
	3	R50x80-58	SLU_12	38,27	0,27	-216,97	15,71	9,42	0,523
927	1	R50x80-56	SLU_12	38,46	-1,58	155,81	9,42	15,71	0,386
	2	R50x80-57	SLU_12	38,46	0,89	-190,56	15,71	15,71	0,464
	3	R50x80-58	SLU_12	38,46	1,72	-306,01	15,71	9,42	0,727
928	1	R50x80-56	SLU_12	37,04	-2,61	165,00	9,42	15,71	0,406
	2	R50x80-57	SLU_12	37,04	1,41	-203,83	15,71	15,71	0,494
	3	R50x80-58	SLU_12	37,04	2,75	-326,77	15,71	9,42	0,774
929	1	R50x80-56	SLU_12	27,43	-2,92	149,39	9,42	15,71	0,363
	2	R50x80-57	SLU_12	27,43	1,92	-191,79	15,71	15,71	0,459
	3	R50x80-58	SLU_12	27,43	3,53	-305,52	15,71	9,42	0,718
930	1	R50x80-56	SLU_12	23,85	-4,26	135,57	9,42	15,71	0,328
	2	R50x80-57	SLU_12	23,85	2,12	-164,39	15,71	15,71	0,394
	3	R50x80-58	SLU_12	23,85	4,25	-264,37	15,71	9,42	0,621
931	1	R50x80-56	SLU_12	23,09	-3,94	112,92	9,42	15,71	0,276
	2	R50x80-57	SLU_12	23,09	1,59	-95,34	15,71	15,71	0,236
	3	R50x80-58	SLU_12	23,09	4,91	-220,29	15,71	9,42	0,520
932	1	R50x80-57	SLU_12	30,51	-4,07	92,82	15,71	15,71	0,236
	2	R50x80-58	SLU_12	30,51	4,66	-212,08	15,71	9,42	0,508
933	1	R50x30-21	SLU_04	-8,39	0,19	-25,50	6,28	6,28	0,415
934	1	R50x30-21	SLU_01	12,86	0,08	-26,07	6,28	6,28	0,463
935	1	R50x30-21	SLU_01	13,81	-0,06	10,82	6,28	6,28	0,208
936	1	R50x30-21	SLU_01	14,35	-0,11	10,91	6,28	6,28	0,210
937	1	R50x30-21	SLU_01	12,35	-0,16	-26,90	6,28	6,28	0,476
942	1	R50x30-21	SLU_12	-25,61	1,80	-7,99	6,28	6,28	0,093
943	1	R50x30-21	SLU_12	-28,20	-1,69	-8,00	6,28	6,28	0,088
944	1	R50x30-21	SLU_12	-3,21	2,30	-3,09	6,28	6,28	0,050
945	1	R50x30-21	SLU_12	-22,52	0,32	-5,32	6,28	6,28	0,052
946	1	R50x30-21	SLU_12	-20,76	0,22	-5,08	6,28	6,28	0,050

947	1	R50x30-21	SLU_12	-3,54	-2,23	-2,99	6,28	6,28	0,047
948	1	R50x30-21	SLU_12	36,21	0,22	9,64	6,28	6,28	0,228
949	1	R50x30-21	SLU_12	36,00	-0,14	9,91	6,28	6,28	0,233
950	1	R50x50-2	SLU_01	1,47	0,44	-39,22	9,42	9,42	0,250
951	1	R50x50-2	SLU_12	7,07	0,60	-35,47	9,42	9,42	0,234
952	1	R50x50-2	SLU_01	5,69	0,43	-33,41	9,42	9,42	0,219
953	1	R50x50-2	SLU_01	1,19	0,42	-38,92	9,42	9,42	0,248
954	1	R50x80-56	SLU_12	18,84	1,71	54,89	9,42	15,71	0,140
	2	R50x80-57	SLU_01	14,98	0,37	44,49	15,71	15,71	0,113
	3	R50x80-58	SLU_01	14,98	-1,86	-83,42	15,71	9,42	0,202
956	1	R50x80-58	SLU_01	27,66	1,04	-64,20	15,71	9,42	0,169
	2	R50x80-56	SLU_12	37,41	-0,38	21,40	9,42	15,71	0,079
	3	R50x80-57	SLU_01	27,66	-1,43	-29,38	15,71	15,71	0,089
958	1	R50x80-57	SLU_12	44,94	0,48	-47,61	15,71	15,71	0,144
	2	R50x80-56	SLU_12	44,94	-0,15	32,25	9,42	15,71	0,109
	3	R50x80-57	SLU_01	31,99	0,67	-46,76	15,71	15,71	0,132
959	1	R50x80-57	SLU_01	31,41	0,15	-60,57	15,71	15,71	0,163
	2	R50x80-56	SLU_12	45,94	-0,13	48,86	9,42	15,71	0,148
	3	R50x80-57	SLU_12	45,94	-0,30	34,68	15,71	15,71	0,116
960	1	R50x80-57	SLU_12	42,72	0,15	-49,55	15,71	15,71	0,147
	2	R50x80-58	SLU_12	42,72	0,21	-142,08	15,71	9,42	0,357
961	1	R50x80-58	SLU_12	42,95	0,43	-142,31	15,71	9,42	0,358
	2	R50x80-57	SLU_12	42,95	0,25	-49,52	15,71	15,71	0,147
962	1	R50x80-57	SLU_12	46,91	-0,24	35,25	15,71	15,71	0,118
	2	R50x80-56	SLU_12	46,91	-0,10	49,27	9,42	15,71	0,149
	3	R50x80-57	SLU_01	32,46	0,07	-60,41	15,71	15,71	0,163
963	1	R50x80-57	SLU_01	33,64	0,72	-46,00	15,71	15,71	0,132
	2	R50x80-56	SLU_12	46,67	-0,15	32,37	9,42	15,71	0,111
	3	R50x80-57	SLU_12	46,67	0,38	-48,65	15,71	15,71	0,148
965	1	R50x80-69	SLU_01	30,23	-1,50	-29,17	15,71	15,71	0,091
	2	R50x80-68	SLU_12	40,16	-0,40	22,17	9,42	15,71	0,083
	3	R50x80-71	SLU_01	30,23	1,11	-63,39	15,71	9,42	0,169
967	1	R50x80-71	SLU_01	14,41	-2,01	-84,29	15,71	9,42	0,203
	2	R50x80-69	SLU_01	14,41	0,43	44,22	15,71	15,71	0,112
	3	R50x80-68	SLU_04	14,47	1,68	56,07	9,42	15,71	0,139
968	1	R100x30-67	SLU_01	11,12	4,55	-102,26	15,71	15,71	0,721
	2	R100x30-68	SLU_01	11,12	-4,99	-76,86	28,27	15,71	0,321
969	1	R100x30-104	SLU_01	8,21	6,24	-129,73	18,85	12,57	0,776
	2	R100x30-99	SLU_01	8,21	0,55	61,14	12,57	12,57	0,523
	3	R100x30-100	SLU_01	8,21	-4,00	-86,63	25,13	12,57	0,400
970	1	R80x30-26	SLU_01	7,10	2,97	-84,39	12,57	12,57	0,741
971	1	R80x30-26	SLU_01	6,76	3,01	-83,57	12,57	12,57	0,734
972	1	R100x30-68	SLU_01	9,24	-5,00	-79,00	28,27	15,71	0,329
	2	R100x30-67	SLU_01	9,24	4,48	-99,62	15,71	15,71	0,701
973	1	R100x30-100	SLU_01	8,35	-3,90	-89,42	25,13	12,57	0,413
	2	R100x30-99	SLU_01	8,35	0,58	60,07	12,57	12,57	0,514
	3	R100x30-104	SLU_01	8,35	6,17	-127,05	18,85	12,57	0,760
974	1	R50x30-21	SLU_06	9,15	0,12	-47,75	6,28	6,28	0,821
975	1	R50x30-21	SLU_06	-12,51	-0,23	28,05	6,28	6,28	0,450
977	1	R100x35-101	SLU_12	47,20	4,75	-50,08	31,42	12,57	0,171

	2	R100x35-100	SLU_12	47,20	6,88	-42,59	12,57	12,57	0,347
978	1	R100x35-100	SLU_02	21,73	3,46	-114,94	12,57	12,57	0,826
979	1	R100x35-100	SLU_12	28,59	5,68	-37,68	12,57	12,57	0,295
	2	R100x35-101	SLU_02	17,52	3,79	-43,96	31,42	12,57	0,141
981	1	R50x30-19	SLU_12	-7,78	-1,38	-7,97	9,42	9,42	0,086
984	1	R100x35-112	SLU_12	52,56	9,81	-147,32	18,85	12,57	0,754
	2	R100x35-113	SLU_12	52,56	1,66	71,42	12,57	12,57	0,547
	3	R100x35-112	SLU_12	52,56	4,90	-136,02	18,85	12,57	0,697
985	1	R100x35-112	SLU_12	57,49	4,76	-47,40	18,85	12,57	0,270
	2	R100x35-113	SLU_12	57,49	-2,15	8,54	12,57	12,57	0,115
	3	R100x35-114	SLU_12	57,49	4,64	-51,30	25,13	12,57	0,220
988	1	R100x35-94	SLU_12	32,39	6,37	-57,58	36,95	18,10	0,162
	2	R100x35-92	SLU_12	32,39	7,64	-49,57	18,10	18,10	0,274
989	1	R100x30-65	SLU_02	21,32	2,90	-132,46	18,85	12,57	0,798
	2	R100x30-66	SLU_02	21,32	-0,35	67,64	12,57	12,57	0,589
	3	R100x30-65	SLU_02	21,32	2,84	-130,35	18,85	12,57	0,786
990	1	R100x35-106	SLU_02	22,87	3,24	-43,30	15,71	15,71	0,268
	2	R100x35-107	SLU_02	22,87	3,29	-52,62	34,56	15,71	0,155
992	1	R100x35-107	SLU_02	20,15	3,97	-92,36	34,56	15,71	0,264
	2	R100x35-106	SLU_02	20,15	0,46	69,19	15,71	15,71	0,411
	3	R100x35-110	SLU_02	20,15	3,14	-181,29	21,99	15,71	0,776
996	1	L80x145-35	SLU_12	6,85	-41,48	-286,69	22,62	27,14	0,240
997	1	R100x35-111	SLU_12	12,16	-13,64	-182,03	21,99	15,71	0,778
	2	R100x35-98	SLU_12	12,16	-2,45	87,95	15,71	15,71	0,514
	3	R100x35-111	SLU_12	12,16	7,36	-166,74	21,99	15,71	0,713
998	1	R100x35-99	SLU_12	21,75	8,40	-61,57	21,99	15,71	0,275
	2	R100x35-98	SLU_12	21,75	2,79	12,99	15,71	15,71	0,092
	3	R100x35-99	SLU_12	21,75	6,39	-58,50	21,99	15,71	0,261

SLU:VERIFICHE M-N PILASTRI

Pilastro	Segmento	Sezione	Combinazione	N [kN]	M2 [kNm]	M3 [kNm]	As [cm²]	β maj	β min	D/C
1	1	R60x80-72	SLU_04	-2722.08	54.44	-69.00	54.29	0.70	0.70	0.279
10	1	R60x80-72	SLU_04	-3313.59	66.27	-87.53	54.29	0.70	0.70	0.341
100	1	C50-3	SLU_12	-661.14	-13.22	23.51	45.24	0.87	0.94	0.157
101	1	C50-4	SLU_01	-1609.42	-65.51	-32.19	27.14	0.70	0.70	0.451
102	1	C50-4	SLU_03	-1048.06	59.60	-20.96	27.14	0.61	0.65	0.321
103	1	C50-4	SLU_02	-995.47	51.52	19.91	27.14	0.60	0.65	0.296
104	1	C50-4	SLU_04	-1164.55	60.65	23.29	27.14	0.60	0.66	0.347
105	1	C50-4	SLU_04	-1360.97	73.24	27.22	27.14	0.60	0.66	0.410
106	1	C50-4	SLU_04	-1420.04	75.24	28.40	27.14	0.64	0.68	0.425
107	1	C50-4	SLU_02	-906.62	53.78	18.13	27.14	0.62	0.69	0.282
108	1	C50-4	SLU_02	-1333.71	69.55	-26.67	27.14	0.62	0.69	0.398
109	1	C50-4	SLU_02	-1341.91	69.81	26.84	27.14	0.62	0.69	0.400
11	1	R60x60-2	SLU_04	-2422.21	-48.44	-48.44	54.29	0.69	0.70	0.313
110	1	C50-4	SLU_04	-1425.27	75.45	-28.51	27.14	0.64	0.68	0.427
111	1	C50-4	SLU_04	-1361.86	73.32	-27.24	27.14	0.60	0.66	0.410
1115	1	R80x40-5	SLU_12	-925.68	-18.51	-63.53	54.29	1.00	0.73	0.182
112	1	C50-4	SLU_04	-1163.72	60.71	-23.27	27.14	0.60	0.66	0.347
113	1	C50-4	SLU_03	-984.59	51.09	-19.69	27.14	0.60	0.65	0.293
114	1	C50-4	SLU_01	-998.05	58.74	19.96	27.14	0.61	0.65	0.309
115	1	C50-4	SLU_01	-1555.08	-64.69	31.10	27.14	0.70	0.70	0.438
116	1	C50-5	SLU_01	-1036.42	-20.73	20.73	36.19	0.80	0.89	0.247
117	1	C50-3	SLU_12	-662.00	-13.24	-23.40	45.24	0.87	0.94	0.157
118	1	R60x80-72	SLU_04	-2360.67	47.21	-123.09	54.29	0.96	0.99	0.257
119	1	R60x60-2	SLU_04	-1896.13	-37.92	61.55	54.29	0.93	0.97	0.254
12	1	R60x60-2	SLU_04	-2201.59	-44.03	-44.03	54.29	0.69	0.70	0.285
120	1	R60x60-2	SLU_04	-2079.50	-41.59	-48.66	54.29	0.93	0.97	0.271
121	1	R60x80-72	SLU_04	-2831.96	56.64	146.66	54.29	0.96	0.99	0.308
122	1	R60x80-72	SLU_04	-3642.15	-72.84	-100.56	54.29	0.98	0.98	0.375
123	1	R100x50-2	SLU_04	-3395.30	-67.91	-76.98	54.29	0.99	0.94	0.343
124	1	R80x40-5	SLU_02	-986.83	-24.45	19.74	54.29	0.99	0.89	0.144
125	1	R100x50-2	SLU_04	-3407.18	-68.14	82.22	54.29	0.99	0.88	0.347
126	1	R60x80-72	SLU_04	-3719.81	-74.40	115.82	54.29	0.98	0.98	0.385
127	1	R60x80-72	SLU_04	-2874.69	57.49	-170.73	54.29	0.96	0.99	0.320
128	1	R60x60-2	SLU_04	-2110.34	-42.21	55.39	54.29	0.93	0.97	0.278
129	1	R60x60-2	SLU_04	-1923.72	-38.47	-68.77	54.29	0.93	0.97	0.261
1290	1	R80x40-5	SLU_04	-1111.13	-56.22	32.68	54.29	1.00	0.95	0.177
13	1	R60x80-72	SLU_04	-2688.41	53.77	67.14	54.29	0.70	0.70	0.276
130	1	R60x80-72	SLU_04	-2323.13	46.46	74.48	54.29	0.96	0.99	0.241
131	1	R60x80-72	SLU_04	-4060.84	-81.22	153.75	54.29	0.98	0.93	0.427
132	1	R60x80-72	SLU_04	-2869.32	57.39	-147.73	54.29	0.96	0.98	0.312
133	1	R60x60-2	SLU_04	-2140.02	42.80	55.48	54.29	0.94	0.97	0.281
134	1	R60x60-2	SLU_04	-2153.78	43.08	-56.44	54.29	0.94	0.97	0.283
135	1	R60x80-72	SLU_04	-2882.99	57.66	132.97	54.29	0.96	0.98	0.309
136	1	R60x80-72	SLU_04	-3270.63	-65.41	-117.33	54.29	0.98	0.98	0.342
137	1	R80x40-3	SLU_12	-677.85	54.69	-17.68	37.70	1.00	0.98	0.124
138	1	R80x40-3	SLU_12	-730.35	-70.14	14.61	37.70	1.00	0.98	0.136
139	1	R60x80-72	SLU_04	-3343.44	-66.87	204.33	54.29	0.81	0.98	0.373

14	1	R60x80-72	SLU_04	-4764.02	95.28	-95.28	54.29	0.70	0.68	0.485
140	1	R60x80-72	SLU_04	-3122.36	-62.45	-133.01	54.29	0.77	0.98	0.332
141	1	R60x60-2	SLU_04	-2218.60	44.37	-44.37	54.29	0.75	0.81	0.287
142	1	R60x60-2	SLU_04	-2165.79	43.32	-72.86	54.29	0.93	0.97	0.292
143	1	R60x80-72	SLU_04	-2744.96	-54.90	-90.12	54.29	0.96	0.98	0.285
144	1	R60x80-72	SLU_04	-3699.79	-74.00	-98.58	54.29	0.98	0.93	0.380
145	1	R60x80-72	SLU_04	-2739.36	-54.79	134.55	54.29	0.98	0.98	0.296
146	1	R60x80-72	SLU_04	-2336.72	-46.73	-135.39	54.29	0.96	0.98	0.259
147	1	R60x60-2	SLU_04	-1735.32	-34.71	47.97	54.29	0.93	0.98	0.229
148	1	R60x60-2	SLU_04	-1711.12	-34.22	-48.53	54.29	0.93	0.98	0.226
149	1	R60x80-72	SLU_04	-2303.62	-46.07	119.91	54.29	0.96	0.98	0.251
15	1	R60x80-72	SLU_04	-3286.32	65.73	-84.79	54.29	0.70	0.70	0.337
150	1	R60x80-72	SLU_04	-2634.05	-52.68	-94.72	54.29	0.98	0.98	0.276
151	1	R60x80-72	SLU_04	-2695.46	-53.91	166.66	54.29	0.81	0.98	0.302
152	1	R60x80-72	SLU_04	-2511.97	-50.24	-116.32	54.29	0.77	0.98	0.269
153	1	R60x60-2	SLU_04	-1780.83	-44.40	35.62	54.29	0.75	0.82	0.233
154	1	R60x60-2	SLU_04	-1720.96	-34.42	-60.56	54.29	0.93	0.98	0.233
155	1	R60x80-72	SLU_04	-2184.92	43.70	-90.87	54.29	0.96	0.98	0.232
156	1	R60x80-73	SLU_04	-2453.37	-49.07	-108.82	54.29	0.98	0.98	0.262
157	1	C50-5	SLU_03	-938.28	-18.77	25.10	36.19	0.80	0.88	0.230
158	1	C50-3	SLU_12	-611.90	-26.60	16.64	45.24	0.87	0.94	0.154
159	1	C50-4	SLU_02	-1499.90	76.68	30.00	27.14	0.70	0.70	0.445
16	1	R60x60-2	SLU_04	-2449.48	-48.99	-48.99	54.29	0.69	0.70	0.317
160	1	C50-4	SLU_02	-994.58	84.18	-19.89	27.14	0.61	0.64	0.358
161	1	C50-4	SLU_02	-978.11	71.71	19.56	27.14	0.60	0.65	0.329
162	1	C50-4	SLU_04	-1141.01	84.47	22.82	27.14	0.60	0.66	0.385
163	1	C50-4	SLU_04	-1340.99	102.80	26.82	27.14	0.60	0.66	0.460
164	1	C50-4	SLU_04	-1386.39	105.89	27.73	27.14	0.64	0.68	0.474
165	1	C50-4	SLU_12	-745.76	73.49	14.92	27.14	0.62	0.69	0.292
166	1	C50-4	SLU_04	-1368.77	99.60	-27.38	27.14	0.62	0.69	0.459
167	1	C50-4	SLU_02	-1377.76	99.89	27.56	27.14	0.58	0.68	0.461
168	1	C50-4	SLU_04	-1392.03	106.36	-27.84	27.14	0.63	0.68	0.476
169	1	C50-4	SLU_04	-1341.52	103.19	-26.83	27.14	0.60	0.66	0.460
17	1	R60x60-2	SLU_04	-2462.66	-49.25	-49.25	54.29	0.69	0.70	0.318
170	1	C50-4	SLU_04	-1139.91	84.79	-22.80	27.14	0.60	0.66	0.386
171	1	C50-4	SLU_04	-967.92	70.99	-19.69	27.14	0.60	0.65	0.326
172	1	C50-4	SLU_03	-938.96	76.48	18.78	27.14	0.61	0.65	0.332
173	1	C50-4	SLU_01	-1436.03	61.91	-28.72	27.14	0.70	0.70	0.408
174	1	C50-5	SLU_03	-929.75	-18.59	-23.39	36.19	0.80	0.88	0.226
175	1	C50-3	SLU_12	-612.70	-26.82	-16.40	45.24	0.87	0.94	0.155
176	1	R60x80-72	SLU_12	-1989.41	-47.20	-256.89	54.29	0.95	0.98	0.273
177	1	R60x60-2	SLU_12	-1631.34	-46.00	110.33	54.29	0.91	0.96	0.252
178	1	R60x60-2	SLU_04	-1826.93	-39.22	-73.47	54.29	0.91	0.96	0.253
179	1	R60x80-72	SLU_12	-2389.07	52.30	240.33	54.29	0.95	0.98	0.300
18	1	R60x80-72	SLU_04	-3304.90	-66.10	83.52	54.29	0.70	0.70	0.339
180	1	R60x80-72	SLU_04	-3172.48	-68.81	-141.57	54.29	0.97	0.97	0.340
181	1	R100x50-2	SLU_04	-3103.92	-80.12	-114.72	54.29	0.99	0.92	0.336
1819	1	R80x40-5	SLU_12	-935.22	-28.86	33.73	54.29	1.00	0.96	0.151
183	1	R100x50-2	SLU_04	-3112.81	-78.51	115.26	54.29	0.99	0.86	0.336

184	1	R60x80-72	SLU_04	-3171.73	68.79	146.89	54.29	0.97	0.97	0.341
185	1	R60x80-72	SLU_12	-2367.37	-51.82	-245.63	54.29	0.94	0.98	0.300
186	1	R60x60-2	SLU_04	-1809.66	38.85	75.13	54.29	0.91	0.96	0.251
187	1	R60x60-2	SLU_12	-1608.88	-45.56	-114.42	54.29	0.91	0.96	0.253
188	1	R60x80-72	SLU_12	-2028.60	-48.67	244.51	54.29	0.95	0.98	0.271
189	1	R60x80-72	SLU_12	-3392.49	-96.97	294.54	54.29	0.97	0.92	0.412
19	1	R60x80-72	SLU_04	-3781.68	-75.63	-75.63	54.29	0.70	0.70	0.385
190	1	R60x80-72	SLU_12	-2415.85	-52.32	-283.93	54.29	0.95	0.97	0.319
191	1	R60x60-2	SLU_12	-1847.67	-39.67	92.15	54.29	0.92	0.97	0.264
192	1	R60x60-2	SLU_04	-1918.41	-41.19	-76.84	54.29	0.92	0.97	0.265
193	1	R60x80-72	SLU_12	-2481.13	-53.73	204.87	54.29	0.95	0.97	0.295
1937	1	R80x40-5	SLU_12	-945.65	-45.80	-18.91	54.29	1.00	1.00	0.143
194	1	R60x80-72	SLU_04	-2882.95	-62.43	-148.80	54.29	0.97	0.97	0.314
1948	1	R80x40-5	SLU_12	-1185.37	-78.29	-49.23	54.29	1.00	0.95	0.208
1949	1	R80x40-5	SLU_12	-960.46	-19.21	-19.21	54.29	0.71	0.71	0.140
195	1	R80x40-3	SLU_12	-549.31	52.39	-18.03	37.70	1.00	0.98	0.107
1950	1	R80x40-5	SLU_12	-1009.95	-32.80	20.20	54.29	1.00	0.97	0.148
196	1	R80x40-3	SLU_12	-592.17	-62.91	19.48	37.70	1.00	0.98	0.119
1969	1	R80x40-5	SLU_12	-911.02	34.73	18.22	54.29	1.00	0.97	0.135
197	1	R60x80-72	SLU_04	-2884.78	62.29	-194.75	54.29	0.81	0.97	0.329
1970	1	R80x40-5	SLU_12	-1011.20	-30.85	-20.22	54.29	1.00	0.98	0.148
1971	1	R80x40-5	SLU_12	-935.55	34.01	18.71	54.29	1.00	0.98	0.139
198	1	R60x80-72	SLU_12	-2414.62	-52.14	-204.36	54.29	0.76	0.97	0.289
1986	1	R80x40-5	SLU_12	-1064.74	-36.49	-21.29	54.29	1.00	0.96	0.157
1987	1	R80x40-5	SLU_12	-941.92	22.76	21.22	54.29	1.00	0.96	0.140
1989	1	R80x40-5	SLU_04	-1120.47	-62.25	-22.41	54.29	1.00	0.96	0.172
199	1	R60x60-2	SLU_04	-1912.75	-38.25	57.86	54.29	0.73	0.81	0.255
2	1	R60x60-2	SLU_04	-2179.57	-43.59	-43.59	54.29	0.69	0.70	0.282
20	1	R80x40-5	SLU_12	-942.04	-28.29	-33.98	54.29	1.00	0.95	0.152
200	1	R60x60-2	SLU_04	-1816.82	-39.01	-87.25	54.29	0.91	0.97	0.258
201	1	R60x80-72	SLU_12	-2389.72	-51.75	264.19	54.29	0.95	0.97	0.309
202	1	R60x80-72	SLU_12	-3229.39	-94.62	-280.29	54.29	0.97	0.92	0.393
203	1	R60x80-72	SLU_12	-2270.99	-67.57	192.30	54.29	0.97	0.98	0.275
204	1	R60x80-72	SLU_12	-1967.19	-63.45	-213.92	54.29	0.95	0.98	0.256
205	1	R60x60-2	SLU_12	-1493.95	-54.17	74.03	54.29	0.91	0.97	0.219
206	1	R60x60-2	SLU_12	-1466.82	-71.29	-55.64	54.29	0.91	0.97	0.215
207	1	R60x80-72	SLU_12	-1974.03	-68.43	182.73	54.29	0.95	0.98	0.247
208	1	R60x80-72	SLU_04	-2282.08	-86.71	-98.99	54.29	0.97	0.98	0.254
209	1	R60x80-72	SLU_04	-2284.71	49.45	-161.03	54.29	0.81	0.97	0.263
21	1	R80x40-5	SLU_12	-1152.87	-78.75	47.74	54.29	1.00	0.95	0.203
210	1	R60x80-72	SLU_12	-1952.87	-92.02	-159.94	54.29	0.76	0.97	0.244
211	1	R60x60-2	SLU_04	-1518.33	-69.67	37.51	54.29	0.73	0.81	0.215
212	1	R60x60-2	SLU_12	-1422.96	-53.72	-80.39	54.29	0.91	0.97	0.215
213	1	R60x80-72	SLU_12	-1878.28	-62.05	198.62	54.29	0.95	0.98	0.243
214	1	R60x80-73	SLU_12	-2116.75	-64.25	-183.85	54.29	0.97	0.98	0.258
215	1	C50-5	SLU_12	-808.55	36.86	51.16	36.19	0.78	0.86	0.256
216	1	C50-3	SLU_12	-561.95	40.98	72.16	45.24	0.85	0.94	0.242
217	1	C50-4	SLU_03	-1362.38	94.48	27.25	27.14	0.68	0.68	0.448
218	1	C50-4	SLU_03	-882.40	99.12	-17.65	27.14	0.59	0.63	0.376

219	1	C50-4	SLU_03	-933.08	79.98	21.28	27.14	0.59	0.63	0.340
22	1	R60x80-72	SLU_04	-3854.33	-77.09	-77.09	54.29	0.70	0.70	0.393
220	1	C50-4	SLU_04	-1067.24	90.63	23.35	27.14	0.59	0.64	0.386
221	1	C50-4	SLU_04	-1269.27	110.05	25.39	27.14	0.59	0.65	0.463
222	1	C50-4	SLU_04	-1280.31	112.01	25.61	27.14	0.62	0.66	0.469
223	1	C50-4	SLU_12	-456.61	80.04	9.13	27.14	0.58	0.64	0.275
224	1	C50-4	SLU_04	-1402.75	109.70	-34.70	27.14	0.61	0.67	0.491
225	1	C50-4	SLU_03	-1411.26	110.49	34.20	27.14	0.57	0.66	0.494
226	1	C50-4	SLU_03	-1286.19	112.81	-25.72	27.14	0.62	0.66	0.472
227	1	C50-4	SLU_03	-1266.46	110.60	-25.33	27.14	0.59	0.65	0.463
228	1	C50-4	SLU_04	-1065.32	90.81	-23.46	27.14	0.59	0.64	0.386
229	1	C50-4	SLU_03	-930.36	79.30	-22.41	27.14	0.59	0.63	0.339
23	1	R60x80-72	SLU_04	-3533.87	-70.68	-86.13	54.29	0.70	0.70	0.362
230	1	C50-4	SLU_03	-890.83	95.38	17.82	27.14	0.59	0.63	0.367
231	1	C50-4	SLU_03	-1354.50	88.43	-27.09	27.14	0.68	0.68	0.435
232	1	C50-5	SLU_12	-799.74	36.62	-49.58	36.19	0.78	0.86	0.252
233	1	C50-3	SLU_12	-562.79	41.17	-71.80	45.24	0.85	0.94	0.241
234	1	R80x50-2	SLU_03	-574.61	34.84	-11.49	54.29	0.97	0.85	0.075
235	1	R60x80-72	SLU_12	-1575.44	-118.74	315.79	54.29	0.92	0.98	0.298
236	1	R60x60-2	SLU_12	-1276.12	-71.43	-178.47	54.29	0.89	0.83	0.276
237	1	R60x60-2	SLU_12	-1407.59	-141.31	-115.83	54.29	0.89	0.85	0.283
238	1	R60x80-72	SLU_12	-1878.80	-88.94	398.17	54.29	0.84	0.98	0.343
239	1	R60x80-72	SLU_12	-2440.29	-238.79	-179.94	54.29	0.90	0.87	0.360
24	1	R60x60-2	SLU_04	-2536.20	-50.72	-50.72	54.29	0.69	0.70	0.328
240	1	R100x50-2	SLU_12	-2605.32	-465.53	56.39	54.29	0.96	0.91	0.359
241	1	R100x50-2	SLU_12	-2618.07	-466.22	56.67	54.29	0.96	0.91	0.361
242	1	R60x80-72	SLU_12	-2445.80	-237.86	171.01	54.29	0.90	0.87	0.358
243	1	R60x80-72	SLU_12	-1857.12	-87.30	-399.67	54.29	0.84	0.98	0.342
244	1	R60x60-2	SLU_12	-1386.44	-139.90	113.93	54.29	0.89	0.85	0.279
245	1	R60x60-2	SLU_12	-1261.42	-71.00	180.31	54.29	0.89	0.83	0.277
246	1	R60x80-72	SLU_12	-1611.75	-117.86	-317.29	54.29	0.92	0.98	0.300
247	1	R60x80-72	SLU_12	-2703.44	-252.17	299.24	54.29	0.96	0.84	0.425
248	1	R60x80-72	SLU_12	-1947.45	-65.88	345.23	54.29	0.92	0.97	0.314
249	1	R60x60-2	SLU_12	-1538.37	-53.85	-147.40	54.29	0.89	0.96	0.269
25	1	R60x60-2	SLU_04	-2466.07	-49.32	-49.32	54.29	0.69	0.70	0.319
250	1	R60x60-2	SLU_12	-1564.33	-49.76	128.02	54.29	0.89	0.96	0.257
251	1	R60x80-72	SLU_12	-2067.83	-59.98	-245.17	54.29	0.93	0.97	0.277
252	1	R60x80-72	SLU_04	-2430.92	-55.90	-176.11	54.29	0.96	0.97	0.282
253	1	R80x40-3	SLU_12	-401.47	52.55	-21.17	37.70	1.00	0.98	0.095
254	1	R80x40-3	SLU_12	-441.64	-60.51	22.12	37.70	1.00	0.98	0.104
255	1	R60x80-72	SLU_04	-2433.82	55.97	175.18	54.29	0.96	0.97	0.282
256	1	R60x80-72	SLU_12	-2015.63	-61.71	252.07	54.29	0.95	0.97	0.275
257	1	R60x60-2	SLU_12	-1554.90	-52.56	-127.24	54.29	0.89	0.96	0.257
258	1	R60x60-2	SLU_12	-1475.44	-52.93	154.10	54.29	0.89	0.96	0.268
259	1	R60x80-72	SLU_12	-1909.86	-63.66	-345.45	54.29	0.92	0.97	0.311
26	1	R60x80-72	SLU_04	-3172.31	-63.45	81.13	54.29	0.70	0.70	0.326
260	1	R60x80-72	SLU_12	-2533.23	-258.60	-299.52	54.29	0.96	0.84	0.418
261	1	R60x80-72	SLU_12	-1856.99	-43.19	-254.86	54.29	0.96	0.98	0.261
262	1	R60x80-72	SLU_12	-1613.19	37.52	260.68	54.29	0.93	0.98	0.244

263	1	R60x60-2	SLU_12	-1231.46	-28.49	-121.07	54.29	0.90	0.97	0.213
264	1	R60x60-2	SLU_12	-1215.96	28.13	107.55	54.29	0.90	0.97	0.202
265	1	R60x80-72	SLU_12	-1622.48	-37.74	-208.35	54.29	0.94	0.98	0.222
266	1	R60x80-72	SLU_04	-1881.43	-43.76	-134.94	54.29	0.97	0.98	0.218
267	1	R60x80-72	SLU_04	-1884.61	43.84	133.79	54.29	0.97	0.98	0.218
268	1	R60x80-72	SLU_12	-1609.85	37.45	213.12	54.29	0.94	0.98	0.223
269	1	R60x60-2	SLU_12	-1224.13	-28.32	-104.89	54.29	0.90	0.97	0.202
27	1	R60x80-72	SLU_04	-4407.46	88.15	-88.15	54.29	0.70	0.68	0.449
270	1	R60x60-2	SLU_12	-1167.99	27.02	126.30	54.29	0.90	0.97	0.210
271	1	R60x80-72	SLU_12	-1512.94	-35.19	-257.08	54.29	0.93	0.98	0.235
272	1	R60x80-73	SLU_12	-1698.70	39.51	255.65	54.29	0.96	0.98	0.248
273	1	C50-5	SLU_12	-594.71	-178.32	-93.44	36.19	0.66	0.68	0.622
274	1	C50-3	SLU_12	-397.28	-217.26	-131.18	45.24	0.67	0.73	0.738
275	1	C50-4	SLU_12	-1147.45	-122.90	-82.66	27.14	0.62	0.60	0.537
276	1	C50-4	SLU_12	-712.25	-136.62	-117.40	27.14	0.57	0.59	0.625
277	1	C50-4	SLU_12	-907.33	-111.55	-69.85	27.14	0.56	0.57	0.463
278	1	C50-4	SLU_12	-1003.73	-138.61	-63.99	27.14	0.56	0.58	0.533
279	1	C50-4	SLU_12	-1220.81	-167.35	-49.82	27.14	0.56	0.58	0.614
28	1	R60x80-72	SLU_01	-3287.31	-65.75	71.33	54.29	0.70	0.70	0.335
280	1	C50-4	SLU_12	-1149.53	-178.93	-27.14	27.14	0.59	0.59	0.625
282	1	C50-4	SLU_12	-1563.18	-180.23	31.26	27.14	0.58	0.59	0.677
283	1	C50-4	SLU_12	-1576.74	-180.65	-31.53	27.14	0.58	0.59	0.680
284	1	C50-4	SLU_12	-1164.15	-179.71	28.21	27.14	0.59	0.59	0.629
285	1	C50-4	SLU_12	-1221.59	-167.60	50.50	27.14	0.56	0.58	0.616
286	1	C50-4	SLU_12	-1004.05	-138.74	64.49	27.14	0.56	0.58	0.533
287	1	C50-4	SLU_12	-906.32	-111.69	71.21	27.14	0.56	0.57	0.465
288	1	C50-4	SLU_12	-711.38	-137.55	114.90	27.14	0.57	0.59	0.622
289	1	C50-4	SLU_12	-1141.76	-121.34	82.96	27.14	0.62	0.59	0.533
29	1	R60x80-72	SLU_01	-2771.41	-55.43	-88.48	54.29	0.70	0.70	0.288
290	1	C50-5	SLU_12	-588.37	-178.76	95.04	36.19	0.66	0.68	0.627
291	1	C50-3	SLU_12	-398.70	-218.05	131.06	45.24	0.67	0.73	0.740
293	1	R60x40-6	SLU_12	-1357.69	-43.79	57.93	54.29	0.96	0.87	0.283
	2	R60x40-5	SLU_04	-1407.61	-28.15	-61.25	36.19			0.323
294	1	R60x40-6	SLU_04	-914.19	18.28	-29.71	54.29	0.83	0.87	0.177
	2	R60x40-5	SLU_04	-914.19	18.28	37.27	36.19			0.207
295	1	R60x40-6	SLU_04	-1042.49	62.28	20.85	54.29	0.85	0.87	0.211
	2	R60x40-5	SLU_04	-1042.49	-20.85	-27.55	36.19			0.216
296	1	R60x40-6	SLU_04	-1450.64	29.01	-72.70	54.29	0.98	0.79	0.312
	2	R60x40-5	SLU_04	-1450.64	29.01	75.54	36.19			0.352
297	1	R60x40-6	SLU_04	-1821.42	99.94	36.43	54.29	0.87	0.87	0.362
	2	R60x40-5	SLU_04	-1821.42	-36.43	-52.02	36.19			0.382
298	1	R100x40-2	SLU_04	-2024.13	304.93	-62.96	54.29	0.96	0.91	0.325
299	1	R100x40-2	SLU_04	-2025.90	304.40	61.65	54.29	0.96	0.91	0.324
3	1	R60x60-2	SLU_04	-2390.67	-47.81	-47.81	54.29	0.69	0.70	0.309
30	1	R60x60-2	SLU_04	-2060.23	41.20	-41.20	54.29	0.69	0.70	0.266
300	1	R60x40-6	SLU_04	-1819.21	98.97	-36.38	54.29	0.87	0.87	0.361
	2	R60x40-5	SLU_04	-1819.21	-36.38	51.25	36.19			0.381
301	1	R60x40-6	SLU_04	-1425.50	28.51	73.66	54.29	0.98	0.79	0.310
	2	R60x40-5	SLU_04	-1425.50	28.51	-75.63	36.19			0.347

302	1	R60x40-6	SLU_04	-1020.34	61.26	-20.41	54.29	0.85	0.87	0.207
	2	R60x40-5	SLU_04	-1020.34	-20.41	26.08	36.19			0.210
303	1	R60x40-6	SLU_04	-903.33	18.07	30.56	54.29	0.83	0.87	0.176
	2	R60x40-5	SLU_04	-903.33	-18.07	-37.31	36.19			0.205
304	1	R60x40-6	SLU_04	-1437.56	-35.10	-50.84	54.29	0.96	0.87	0.284
	2	R60x40-5	SLU_04	-1437.56	-28.75	58.20	36.19			0.324
305	1	R60x40-6	SLU_04	-2080.59	117.01	-66.78	54.29	0.86	0.92	0.436
	2	R60x40-5	SLU_04	-2080.59	-53.35	83.35	36.19			0.469
306	1	R60x40-6	SLU_04	-1750.06	-35.00	67.39	54.29	0.97	0.87	0.351
	2	R60x40-5	SLU_04	-1750.06	35.00	-86.64	36.19			0.417
307	1	R60x40-6	SLU_04	-1413.61	-28.27	-34.86	54.29	0.97	0.87	0.261
	2	R60x40-5	SLU_04	-1413.61	28.27	45.41	36.19			0.303
308	1	R60x40-6	SLU_04	-1460.63	-29.21	35.45	54.29	0.97	0.87	0.269
	2	R60x40-5	SLU_04	-1460.63	29.21	-44.09	36.19			0.309
309	1	R60x40-6	SLU_04	-1865.09	-37.30	-61.85	54.29	0.97	0.87	0.362
	2	R60x40-5	SLU_04	-1865.09	37.30	81.99	36.19			0.430
31	1	R60x60-2	SLU_04	-2036.74	-40.73	-40.73	54.29	0.69	0.70	0.263
310	1	R60x40-6	SLU_04	-2122.54	-42.45	59.86	54.29	0.97	0.92	0.400
	2	R60x40-5	SLU_04	-2122.54	42.45	-80.65	36.19			0.471
311	1	R80x40-5	SLU_12	-1742.22	34.84	57.72	54.29	0.88	0.91	0.275
312	1	R80x40-5	SLU_12	-1722.65	-34.45	-57.82	54.29	0.91	0.92	0.272
313	1	R60x40-6	SLU_04	-2124.06	-42.48	-60.32	54.29	0.97	0.93	0.401
	2	R60x40-5	SLU_04	-2124.06	42.48	80.90	36.19			0.473
314	1	R60x40-6	SLU_04	-1811.45	-36.23	63.04	54.29	0.97	0.88	0.355
	2	R60x40-5	SLU_04	-1811.45	36.23	-83.02	36.19			0.421
315	1	R60x40-6	SLU_04	-1439.56	-28.79	-31.73	54.29	0.97	0.87	0.262
	2	R60x40-5	SLU_04	-1439.56	28.79	40.39	36.19			0.301
316	1	R60x40-6	SLU_04	-1353.95	-27.08	37.00	54.29	0.97	0.87	0.254
	2	R60x40-5	SLU_04	-1353.95	27.08	-47.18	36.19			0.295
317	1	R60x40-6	SLU_04	-1704.99	34.10	81.39	54.29	0.97	0.87	0.361
318	1	R60x40-6	SLU_04	-1907.59	120.23	64.42	54.29	0.86	0.92	0.411
	2	R60x40-5	SLU_04	-1907.59	-54.56	-80.23	36.19			0.436
319	1	R60x40-6	SLU_04	-1658.88	-33.18	-51.61	54.29	0.99	0.94	0.318
	2	R60x40-5	SLU_04	-1658.88	33.18	73.33	36.19			0.383
32	1	R60x80-72	SLU_01	-2739.57	-54.79	88.30	54.29	0.70	0.70	0.284
320	1	R60x40-6	SLU_04	-1432.33	28.65	52.25	54.29	0.99	0.89	0.284
	2	R60x40-5	SLU_04	-1432.33	-28.65	-71.91	36.19			0.343
321	1	R60x40-6	SLU_04	-1104.35	-22.09	-27.29	54.29	0.99	0.89	0.204
	2	R60x40-5	SLU_04	-1104.35	22.09	36.38	36.19			0.238
322	1	R60x40-6	SLU_04	-1101.44	22.03	29.43	54.29	0.99	0.89	0.206
	2	R60x40-5	SLU_04	-1101.44	-22.03	-37.32	36.19			0.239
323	1	R60x40-6	SLU_04	-1440.20	-28.80	-48.25	54.29	0.99	0.89	0.280
	2	R60x40-5	SLU_04	-1440.20	28.80	69.10	36.19			0.340
324	1	R60x40-6	SLU_04	-1633.04	32.66	50.25	54.29	0.99	0.94	0.313
	2	R60x40-5	SLU_04	-1633.04	-32.66	-67.75	36.19			0.371
325	1	R60x40-6	SLU_04	-1636.81	-32.74	-50.90	54.29	0.99	0.94	0.314
	2	R60x40-5	SLU_04	-1636.81	32.74	68.02	36.19			0.372
326	1	R60x40-6	SLU_04	-1424.07	28.48	49.04	54.29	0.99	0.89	0.279
	2	R60x40-5	SLU_04	-1424.07	-28.48	-70.08	36.19			0.339

3262	1	R50x30-47	SLU_12#4	-227.15	12.66	-21.05	25.13	0.71	0.71	0.149
327	1	R60x40-6	SLU_04	-1103.31	-22.07	-26.50	54.29	0.99	0.89	0.203
	2	R60x40-5	SLU_04	-1103.31	22.07	34.58	36.19			0.235
328	1	R60x40-6	SLU_04	-1040.22	20.80	30.13	54.29	0.99	0.89	0.197
	2	R60x40-5	SLU_04	-1040.22	-20.80	-39.34	36.19			0.231
329	1	R60x40-6	SLU_04	-1337.92	-26.76	-48.94	54.29	0.99	0.89	0.265
	2	R60x40-5	SLU_04	-1337.92	26.76	68.10	36.19			0.322
33	1	R60x80-72	SLU_01	-3185.30	-63.71	-66.02	54.29	0.70	0.70	0.325
330	1	R60x40-8	SLU_04	-1497.64	29.95	49.58	54.29	0.99	0.94	0.291
	2	R60x40-7	SLU_04	-1497.64	-29.95	-71.01	36.19			0.352
34	1	R60x80-72	SLU_01	-3248.49	-64.97	68.96	54.29	0.70	0.70	0.331
35	1	R60x80-72	SLU_01	-2940.03	-58.80	-90.24	54.29	0.70	0.70	0.304
350	1	R56x30-2	SLU_04	-1141.13	-97.42	-22.82	25.13	0.73	0.77	0.424
351	1	R56x30-2	SLU_04	-1128.90	-90.32	22.58	25.13	0.73	0.77	0.411
352	1	C50-4	SLU_04	-1174.93	-81.33	-35.27	27.14	0.96	0.73	0.396
353	1	C50-4	SLU_04	-1174.55	-81.22	34.91	27.14	0.96	0.73	0.396
354	1	C50-4	SLU_04	-958.58	-75.68	19.17	27.14	0.96	0.72	0.333
355	1	C50-4	SLU_04	-957.40	-76.40	-19.15	27.14	0.96	0.72	0.335
356	1	C50-4	SLU_04	-872.58	-84.31	-28.39	27.14	0.94	0.72	0.347
357	1	C50-4	SLU_04	-873.20	-84.73	29.33	27.14	0.94	0.72	0.348
358	1	C50-4	SLU_04	-748.49	-47.15	-14.97	27.14	0.95	0.71	0.237
359	1	C50-4	SLU_04	-746.12	-47.45	14.92	27.14	0.94	0.71	0.237
36	1	R60x60-2	SLU_04	-2113.62	-42.27	-42.27	54.29	0.69	0.70	0.273
360	1	C50-4	SLU_04	-655.34	-35.62	-13.11	27.14	0.95	0.70	0.198
361	1	C50-4	SLU_04	-656.84	-36.43	13.14	27.14	0.95	0.70	0.200
362	1	R60x40-5	SLU_04	-1156.53	23.13	69.69	36.19	0.95	0.83	0.294
363	1	R60x40-5	SLU_04	-784.85	-25.94	-31.23	36.19	0.96	0.86	0.179
364	1	R60x40-5	SLU_04	-887.65	-25.68	22.15	36.19	0.96	0.86	0.185
365	1	R60x40-5	SLU_04	-1226.28	24.53	76.64	36.19	0.98	0.83	0.317
366	1	R60x40-5	SLU_04	-1543.38	30.87	-53.15	36.19	0.97	0.90	0.335
367	1	R100x40-2	SLU_04	-1719.58	-39.00	-65.66	54.29	0.99	0.93	0.235
368	1	R100x40-2	SLU_04	-1720.96	-39.43	66.18	54.29	0.99	0.93	0.236
369	1	R60x40-5	SLU_04	-1541.87	30.84	52.87	36.19	0.97	0.90	0.335
37	1	R60x60-2	SLU_04	-2039.81	40.80	-40.80	54.29	0.69	0.70	0.264
370	1	R60x40-5	SLU_04	-1198.33	23.97	-80.40	36.19	0.98	0.83	0.318
371	1	R60x40-5	SLU_04	-864.10	-25.58	-22.07	36.19	0.96	0.86	0.181
372	1	R60x40-5	SLU_04	-773.92	-24.96	32.23	36.19	0.96	0.86	0.178
373	1	R60x40-5	SLU_04	-1189.00	-23.78	72.17	36.19	0.95	0.83	0.303
374	1	R60x40-5	SLU_04	-1763.55	-35.27	-93.14	36.19	0.97	0.90	0.429
375	1	R60x40-5	SLU_04	-1476.70	-29.53	95.02	36.19	0.97	0.83	0.386
376	1	R60x40-5	SLU_04	-1239.65	-24.79	-40.82	36.19	0.97	0.86	0.267
377	1	R60x40-5	SLU_04	-1282.58	-25.65	39.96	36.19	0.97	0.86	0.273
378	1	R60x40-5	SLU_04	-1590.15	-31.80	-94.74	36.19	0.97	0.83	0.403
379	1	R60x40-5	SLU_04	-1810.25	-36.20	91.22	36.19	0.97	0.90	0.433
38	1	R60x80-72	SLU_01	-2634.91	-52.70	85.71	54.29	0.70	0.70	0.274
380	1	R80x40-4	SLU_12	-859.35	-45.10	17.19	54.29	0.88	0.91	0.131
	2	R80x40-3	SLU_12	-837.70	-77.97	-16.75	37.70			0.155
381	1	R80x40-3	SLU_12	-290.10	54.88	-27.94	37.70	1.00	0.98	0.101
382	1	R60x40-5	SLU_04	-1812.01	-36.24	-91.20	36.19	0.97	0.90	0.435

383	1	R60x40-5	SLU_04	-1541.50	30.83	-98.47	36.19	0.97	0.83	0.401
384	1	R60x40-5	SLU_04	-1259.06	25.18	38.25	36.19	0.97	0.86	0.267
385	1	R60x40-5	SLU_04	-1181.58	-23.63	43.81	36.19	0.97	0.86	0.261
386	1	R60x40-6	SLU_04	-1428.58	-28.57	-94.86	54.29	0.97	0.83	0.340
387	1	R60x40-5	SLU_04	-1585.75	-31.72	92.25	36.19	0.97	0.90	0.398
388	1	R60x40-5	SLU_04	-1405.37	-28.11	-82.76	36.19	0.99	0.92	0.355
389	1	R60x40-5	SLU_04	-1215.46	24.31	81.37	36.19	0.99	0.86	0.323
39	1	R60x80-73	SLU_01	-3018.51	-60.37	-68.11	54.29	0.70	0.70	0.308
390	1	R60x40-5	SLU_04	-956.30	-19.13	-31.72	36.19	0.99	0.88	0.206
391	1	R60x40-5	SLU_04	-952.66	19.05	32.96	36.19	0.99	0.88	0.207
392	1	R60x40-5	SLU_04	-1222.71	-24.45	-78.71	36.19	0.99	0.86	0.320
393	1	R60x40-5	SLU_04	-1387.70	-27.75	77.43	36.19	0.99	0.92	0.343
394	1	R60x40-5	SLU_04	-1392.01	-27.84	-77.22	36.19	0.99	0.92	0.344
395	1	R60x40-5	SLU_04	-1208.07	-24.16	80.02	36.19	0.99	0.86	0.319
396	1	R60x40-5	SLU_04	-953.43	-19.07	-30.37	36.19	0.99	0.88	0.204
397	1	R60x40-5	SLU_04	-895.53	17.91	35.33	36.19	0.99	0.88	0.201
398	1	R60x40-5	SLU_04	-1116.62	-22.33	-77.16	36.19	0.99	0.86	0.301
399	1	R60x40-7	SLU_04	-1242.39	24.85	80.33	36.19	0.99	0.92	0.326
4	1	R60x80-72	SLU_04	-3269.69	65.39	86.25	54.29	0.70	0.70	0.336
400	1	R56x30-2	SLU_04	-959.71	38.60	-19.19	25.13	0.96	0.79	0.301
401	1	R56x30-2	SLU_04	-948.12	31.08	24.24	25.13	0.96	0.79	0.303
402	1	C50-4	SLU_04	-991.75	27.56	-51.26	27.14	0.91	0.96	0.300
403	1	C50-4	SLU_04	-991.61	27.49	51.61	27.14	0.91	0.96	0.300
404	1	C50-4	SLU_04	-813.79	22.26	-16.28	27.14	0.92	0.96	0.214
405	1	C50-4	SLU_04	-812.72	22.19	16.25	27.14	0.92	0.96	0.214
406	1	C50-4	SLU_04	-739.61	14.79	21.53	27.14	0.89	0.95	0.196
407	1	C50-4	SLU_04	-740.08	14.80	-22.21	27.14	0.89	0.95	0.197
408	1	C50-4	SLU_04	-637.59	19.81	-15.70	27.14	0.89	0.94	0.173
409	1	C50-4	SLU_04	-635.23	14.83	21.07	27.14	0.89	0.94	0.173
41	1	C50-5	SLU_01	-1165.06	-23.30	-23.30	36.19	0.63	0.66	0.278
410	1	C50-4	SLU_04	-567.49	17.99	-11.35	27.14	0.89	0.92	0.152
411	1	C50-4	SLU_04	-564.96	18.09	11.30	27.14	0.90	0.92	0.151
412	1	R60x40-5	SLU_04	-973.19	-19.46	-69.64	36.19	0.95	0.83	0.266
413	1	R60x40-5	SLU_04	-631.49	-21.54	-23.44	36.19	0.96	0.86	0.142
414	1	R60x40-5	SLU_04	-723.82	-18.78	14.48	36.19	0.96	0.86	0.147
415	1	R60x40-5	SLU_04	-1004.71	20.09	77.59	36.19	0.98	0.83	0.285
416	1	R60x40-5	SLU_04	-1264.98	25.30	-51.30	36.19	0.97	0.90	0.285
417	1	R100x40-2	SLU_04	-1409.17	-43.20	58.83	54.29	0.99	0.93	0.198
418	1	R100x40-2	SLU_04	-1410.30	-43.27	-59.04	54.29	0.99	0.93	0.199
419	1	R60x40-5	SLU_04	-1263.76	25.28	50.80	36.19	0.97	0.90	0.285
42	1	C50-3	SLU_12	-706.26	14.13	-14.13	45.24	0.66	0.69	0.158
420	1	R60x40-5	SLU_04	-1003.69	-20.49	80.34	36.19	0.98	0.83	0.290
421	1	R60x40-5	SLU_04	-726.35	-14.53	-17.51	36.19	0.96	0.86	0.148
422	1	R60x40-5	SLU_04	-627.02	-20.21	25.49	36.19	0.96	0.86	0.143
423	1	R60x40-5	SLU_04	-951.42	-19.03	71.84	36.19	0.95	0.83	0.267
424	1	R60x40-5	SLU_04	-1459.74	-29.19	88.76	36.19	0.97	0.90	0.373
425	1	R60x40-5	SLU_04	-1268.36	25.37	-92.07	36.19	0.97	0.83	0.349
426	1	R60x40-5	SLU_04	-1050.69	21.01	33.51	36.19	0.97	0.86	0.225
427	1	R60x40-5	SLU_04	-1098.80	-21.98	32.32	36.19	0.97	0.86	0.232

428	1	R60x40-5	SLU_04	-1325.84	26.52	92.63	36.19	0.97	0.83	0.359
429	1	R60x40-5	SLU_04	-1507.80	30.16	-89.20	36.19	0.97	0.90	0.381
43	1	C50-4	SLU_01	-1743.20	41.84	34.86	27.14	0.59	0.59	0.453
430	1	R80x40-3	SLU_12	-738.63	-73.49	-14.77	37.70	0.99	0.91	0.139
431	1	R80x40-3	SLU_12	-472.30	-30.04	33.26	37.70	1.00	0.97	0.107
432	1	R60x40-5	SLU_04	-1509.13	30.18	89.23	36.19	0.97	0.90	0.381
433	1	R60x40-5	SLU_04	-1309.02	-26.18	95.67	36.19	0.97	0.83	0.361
434	1	R60x40-5	SLU_04	-1101.05	-22.02	-32.68	36.19	0.97	0.86	0.233
435	1	R60x40-5	SLU_04	-1001.29	-20.63	37.15	36.19	0.97	0.86	0.221
436	1	R60x40-6	SLU_04	-1160.18	23.20	90.84	54.29	0.97	0.83	0.297
437	1	R60x40-5	SLU_04	-1269.36	-25.39	-87.52	36.19	0.97	0.90	0.342
438	1	R60x40-5	SLU_04	-1159.75	-23.19	79.29	36.19	0.99	0.92	0.310
439	1	R60x40-5	SLU_04	-1004.04	-20.08	-78.56	36.19	0.99	0.86	0.287
44	1	C50-4	SLU_01	-1131.69	29.39	-22.63	27.14	0.55	0.57	0.296
440	1	R60x40-5	SLU_04	-799.00	15.98	25.37	36.19	0.99	0.88	0.171
441	1	R60x40-5	SLU_04	-795.75	-15.92	-26.67	36.19	0.99	0.88	0.172
442	1	R60x40-5	SLU_04	-1009.92	-20.20	76.29	36.19	0.99	0.86	0.283
443	1	R60x40-5	SLU_04	-1147.50	-22.95	-75.41	36.19	0.99	0.92	0.303
444	1	R60x40-5	SLU_04	-1151.36	23.03	75.50	36.19	0.99	0.92	0.304
445	1	R60x40-5	SLU_04	-998.04	-19.96	-77.47	36.19	0.99	0.86	0.284
446	1	R60x40-5	SLU_04	-795.82	-15.92	-24.11	36.19	0.99	0.88	0.169
447	1	R60x40-5	SLU_04	-742.61	-14.85	-29.94	36.19	0.99	0.88	0.167
448	1	R60x40-5	SLU_04	-899.75	17.99	73.51	36.19	0.99	0.86	0.263
449	1	R60x40-7	SLU_04	-994.62	-19.89	-76.54	36.19	0.99	0.92	0.282
45	1	C50-4	SLU_01	-1050.07	24.25	21.00	27.14	0.55	0.57	0.272
450	1	R56x30-2	SLU_04	-784.91	-15.70	20.87	25.13	0.96	0.79	0.249
451	1	R56x30-2	SLU_04	-768.59	15.37	23.47	25.13	0.96	0.79	0.252
452	1	C50-4	SLU_04	-810.89	16.22	-48.22	27.14	0.91	0.96	0.251
453	1	C50-4	SLU_04	-810.95	16.22	48.55	27.14	0.91	0.96	0.252
454	1	C50-4	SLU_04	-666.47	-13.33	-13.33	27.14	0.92	0.96	0.170
455	1	C50-4	SLU_04	-665.54	-13.31	-13.31	27.14	0.92	0.96	0.170
456	1	C50-4	SLU_04	-606.85	-14.90	-21.22	27.14	0.89	0.95	0.167
457	1	C50-4	SLU_04	-607.09	-14.82	22.13	27.14	0.89	0.95	0.169
458	1	C50-4	SLU_04	-524.44	-10.49	20.54	27.14	0.89	0.94	0.146
459	1	C50-4	SLU_04	-522.35	-10.45	-21.04	27.14	0.89	0.94	0.146
46	1	C50-4	SLU_01	-1231.26	28.43	24.63	27.14	0.55	0.57	0.319
460	1	C50-4	SLU_04	-472.35	-9.45	-9.45	27.14	0.89	0.92	0.121
461	1	C50-4	SLU_04	-471.44	-9.43	-9.43	27.14	0.90	0.92	0.121
462	1	R60x40-5	SLU_04	-740.67	-14.81	-80.56	36.19	0.95	0.83	0.256
463	1	R60x40-5	SLU_04	-477.87	-26.08	-22.08	36.19	0.96	0.86	0.119
464	1	R60x40-5	SLU_04	-552.40	-23.33	11.05	36.19	0.96	0.86	0.117
465	1	R60x40-5	SLU_04	-788.56	20.54	78.55	36.19	0.98	0.83	0.260
466	1	R60x40-5	SLU_04	-989.98	19.80	-49.89	36.19	0.97	0.90	0.237
467	1	R100x40-2	SLU_04	-1099.30	-39.10	55.45	54.29	0.99	0.93	0.164
468	1	R100x40-2	SLU_04	-1100.17	-39.23	-55.47	54.29	0.99	0.93	0.165
469	1	R60x40-5	SLU_04	-989.34	19.79	49.26	36.19	0.97	0.90	0.236
47	1	C50-4	SLU_01	-1435.24	34.50	28.70	27.14	0.55	0.57	0.373
470	1	R60x40-5	SLU_04	-786.81	21.08	-79.54	36.19	0.98	0.83	0.262
471	1	R60x40-5	SLU_04	-553.40	-22.83	-11.07	36.19	0.96	0.86	0.117

472	1	R60x40-5	SLU_04	-472.55	-24.34	22.06	36.19	0.96	0.86	0.117
473	1	R60x40-5	SLU_04	-722.95	-14.46	78.64	36.19	0.95	0.83	0.250
474	1	R60x40-5	SLU_04	-1155.61	-23.11	89.99	36.19	0.97	0.90	0.329
475	1	R60x40-5	SLU_04	-1008.73	-24.25	97.98	36.19	0.97	0.83	0.327
476	1	R60x40-5	SLU_04	-866.81	-24.15	-32.03	36.19	0.97	0.86	0.192
477	1	R60x40-5	SLU_04	-911.79	-20.86	28.96	36.19	0.97	0.86	0.195
478	1	R60x40-5	SLU_04	-1067.50	21.35	93.54	36.19	0.97	0.83	0.324
479	1	R60x40-5	SLU_04	-1211.33	24.23	-89.69	36.19	0.97	0.90	0.337
48	1	C50-4	SLU_04	-1502.13	34.98	30.04	27.14	0.56	0.58	0.389
480	1	R80x40-3	SLU_12	-597.00	-62.46	-21.52	37.70	0.99	0.91	0.121
481	1	R80x40-5	SLU_12	-983.39	-19.67	-19.67	54.29	0.71	0.71	0.143
482	1	R60x40-5	SLU_04	-1212.63	24.25	89.59	36.19	0.97	0.90	0.337
483	1	R60x40-5	SLU_04	-1054.49	21.09	-94.65	36.19	0.97	0.83	0.324
484	1	R60x40-5	SLU_04	-912.83	-20.65	-25.37	36.19	0.97	0.86	0.191
485	1	R60x40-5	SLU_04	-819.52	-22.54	35.12	36.19	0.97	0.86	0.188
486	1	R60x40-6	SLU_04	-896.16	21.32	90.89	54.29	0.97	0.83	0.265
487	1	R60x40-5	SLU_04	-961.06	-19.22	-85.11	36.19	0.97	0.90	0.293
488	1	R60x40-5	SLU_04	-918.53	-18.37	78.85	36.19	0.99	0.92	0.275
489	1	R60x40-5	SLU_04	-795.51	15.91	-78.51	36.19	0.99	0.86	0.259
49	1	C50-4	SLU_01	-1031.94	25.45	20.64	27.14	0.55	0.58	0.269
490	1	R60x40-5	SLU_04	-637.26	-12.75	-22.73	36.19	0.99	0.88	0.140
491	1	R60x40-5	SLU_04	-634.50	-12.69	23.89	36.19	0.99	0.88	0.141
492	1	R60x40-5	SLU_04	-800.35	-16.01	77.34	36.19	0.99	0.86	0.257
493	1	R60x40-5	SLU_04	-910.39	-18.21	-76.14	36.19	0.99	0.92	0.269
494	1	R60x40-5	SLU_04	-913.74	18.27	76.45	36.19	0.99	0.92	0.270
495	1	R60x40-5	SLU_04	-791.14	15.82	-78.09	36.19	0.99	0.86	0.258
496	1	R60x40-5	SLU_04	-634.26	-12.69	-20.87	36.19	0.99	0.88	0.137
497	1	R60x40-5	SLU_04	-586.26	-11.73	-27.76	36.19	0.99	0.88	0.138
498	1	R60x40-5	SLU_04	-684.98	-13.70	73.03	36.19	0.99	0.86	0.234
499	1	R60x40-7	SLU_04	-750.94	-15.02	-73.98	36.19	0.99	0.92	0.244
5	1	R60x80-72	SLU_04	-4211.88	-84.24	-84.24	54.29	0.70	0.70	0.429
50	1	C50-4	SLU_01	-1381.06	32.22	-27.62	27.14	0.56	0.58	0.358
500	1	R56x30-2	SLU_04	-600.47	-12.01	27.07	25.13	0.96	0.79	0.224
501	1	R56x30-2	SLU_04	-586.12	-13.67	-28.08	25.13	0.96	0.79	0.225
502	1	C50-4	SLU_04	-629.43	-12.59	53.60	27.14	0.91	0.96	0.228
503	1	C50-4	SLU_04	-629.71	-12.59	-53.67	27.14	0.91	0.96	0.228
504	1	C50-4	SLU_04	-516.23	-10.32	-10.32	27.14	0.92	0.96	0.132
505	1	C50-4	SLU_04	-515.49	-10.31	-10.31	27.14	0.92	0.96	0.132
506	1	C50-4	SLU_04	-472.26	12.82	20.14	27.14	0.89	0.95	0.136
507	1	C50-4	SLU_04	-472.40	12.67	-20.82	27.14	0.89	0.95	0.137
508	1	C50-4	SLU_04	-408.99	-8.18	19.61	27.14	0.89	0.94	0.119
509	1	C50-4	SLU_04	-407.29	-8.15	-20.06	27.14	0.89	0.94	0.119
51	1	C50-4	SLU_01	-1388.85	32.39	27.78	27.14	0.56	0.58	0.360
510	1	C50-4	SLU_04	-371.41	-7.43	-7.43	27.14	0.89	0.92	0.095
511	1	C50-4	SLU_04	-372.06	7.44	-7.44	27.14	0.90	0.92	0.095
512	1	R60x40-5	SLU_04	-488.75	9.77	80.64	36.19	0.95	0.83	0.229
513	1	R60x40-5	SLU_04	-319.75	-26.71	-17.72	36.19	0.96	0.86	0.091
514	1	R60x40-5	SLU_06	-381.00	-22.35	7.62	36.19	0.97	0.86	0.085
515	1	R60x40-5	SLU_04	-576.08	27.68	79.21	36.19	0.98	0.83	0.243

516	1	R60x40-5	SLU_04	-716.77	-19.98	48.10	36.19	0.97	0.90	0.192
517	1	R100x40-2	SLU_04	-788.75	-38.03	50.02	54.29	0.99	0.93	0.129
518	1	R100x40-2	SLU_04	-789.54	24.33	51.89	54.29	0.99	0.93	0.130
519	1	R60x40-5	SLU_04	-716.51	-19.71	-47.78	36.19	0.97	0.90	0.191
52	1	C50-4	SLU_01	-1510.24	35.18	-30.20	27.14	0.56	0.58	0.391
520	1	R60x40-5	SLU_04	-574.82	29.07	-80.66	36.19	0.98	0.83	0.248
521	1	R60x40-5	SLU_06	-380.69	-23.25	-7.61	36.19	0.97	0.86	0.086
522	1	R60x40-5	SLU_04	-315.57	-26.88	17.53	36.19	0.96	0.86	0.091
523	1	R60x40-5	SLU_04	-474.60	13.10	-78.20	36.19	0.95	0.83	0.225
524	1	R60x40-5	SLU_04	-856.90	17.14	-86.84	36.19	0.97	0.90	0.283
525	1	R60x40-5	SLU_04	-755.06	-25.39	96.05	36.19	0.97	0.83	0.297
526	1	R60x40-5	SLU_04	-680.31	-24.20	-28.46	36.19	0.97	0.86	0.158
527	1	R60x40-5	SLU_04	-723.40	-20.07	26.24	36.19	0.97	0.86	0.160
528	1	R60x40-5	SLU_04	-813.97	-20.43	-93.45	36.19	0.97	0.83	0.294
529	1	R60x40-5	SLU_04	-919.99	18.40	-89.71	36.19	0.97	0.90	0.297
53	1	C50-4	SLU_01	-1437.20	34.57	-28.74	27.14	0.55	0.57	0.373
530	1	R80x40-3	SLU_12	-448.41	-59.96	-22.47	37.70	0.99	0.91	0.105
531	1	R80x40-5	SLU_12	-1035.16	-32.76	-20.70	54.29	1.00	0.97	0.152
532	1	R60x40-5	SLU_04	-921.36	-18.43	-89.52	36.19	0.97	0.90	0.297
533	1	R60x40-5	SLU_04	-804.83	21.35	-95.34	36.19	0.97	0.83	0.298
534	1	R60x40-5	SLU_04	-723.90	-21.00	-22.60	36.19	0.97	0.86	0.156
535	1	R60x40-5	SLU_04	-637.45	-24.52	32.93	36.19	0.97	0.86	0.158
536	1	R60x40-6	SLU_04	-635.22	-23.92	-89.49	54.29	0.97	0.83	0.236
537	1	R60x40-5	SLU_04	-656.19	-17.74	-91.66	36.19	0.97	0.90	0.272
538	1	R60x40-5	SLU_04	-680.76	-13.62	77.76	36.19	0.99	0.92	0.244
539	1	R60x40-5	SLU_04	-589.83	-11.80	78.69	36.19	0.99	0.86	0.236
54	1	C50-4	SLU_01	-1230.66	28.46	-24.61	27.14	0.55	0.57	0.319
540	1	R60x40-5	SLU_04	-471.89	-9.44	-19.89	36.19	0.99	0.88	0.108
541	1	R60x40-5	SLU_04	-469.60	-9.39	21.42	36.19	0.99	0.88	0.109
542	1	R60x40-5	SLU_04	-593.70	11.87	77.40	36.19	0.99	0.86	0.233
543	1	R60x40-5	SLU_04	-676.01	13.52	-76.65	36.19	0.99	0.92	0.241
544	1	R60x40-5	SLU_04	-678.64	13.57	76.77	36.19	0.99	0.92	0.241
545	1	R60x40-5	SLU_04	-587.30	11.75	-79.96	36.19	0.99	0.86	0.238
546	1	R60x40-5	SLU_04	-469.43	9.39	19.17	36.19	0.99	0.88	0.106
547	1	R60x40-5	SLU_12	-420.85	22.28	-29.49	36.19	0.99	0.88	0.120
548	1	R60x40-5	SLU_12	-467.10	34.34	72.34	36.19	0.99	0.86	0.225
549	1	R60x40-7	SLU_12	-502.39	35.42	-82.09	36.19	0.99	0.92	0.252
55	1	C50-4	SLU_01	-1041.18	24.07	-20.82	27.14	0.55	0.57	0.269
550	1	R56x30-2	SLU_04	-390.25	7.81	-27.51	25.13	0.96	0.79	0.183
551	1	R56x30-2	SLU_04	-379.30	10.96	29.44	25.13	0.96	0.79	0.192
552	1	C50-4	SLU_04	-409.97	8.20	-52.73	27.14	0.91	0.96	0.193
553	1	C50-4	SLU_04	-410.35	8.21	53.22	27.14	0.91	0.96	0.194
554	1	C50-4	SLU_06	-342.86	-8.06	-6.86	27.14	0.92	0.96	0.089
555	1	C50-4	SLU_06	-342.26	-7.99	6.85	27.14	0.92	0.96	0.089
556	1	C50-4	SLU_04	-307.73	-14.15	-18.48	27.14	0.89	0.95	0.103
557	1	C50-4	SLU_04	-307.68	-14.28	19.03	27.14	0.89	0.95	0.104
558	1	C50-4	SLU_06	-268.94	-5.38	-17.87	27.14	0.89	0.94	0.087
559	1	C50-4	SLU_04	-262.51	5.25	18.38	27.14	0.89	0.94	0.086
56	1	C50-4	SLU_01	-1093.10	28.53	21.86	27.14	0.55	0.57	0.286

560	1	C50-4	SLU_06	-241.61	4.83	8.66	27.14	0.90	0.92	0.066
561	1	C50-4	SLU_06	-242.33	-4.85	8.03	27.14	0.90	0.92	0.065
562	1	R60x40-5	SLU_06	-260.83	-5.22	-117.46	36.19	0.93	0.79	0.377
563	1	R60x40-5	SLU_06	-161.66	41.19	29.13	36.19	0.94	0.82	0.128
564	1	R60x40-5	SLU_06	-206.51	30.03	-7.28	36.19	0.95	0.82	0.068
565	1	R60x40-5	SLU_09	-374.97	13.82	87.72	36.19	0.98	0.83	0.256
566	1	R60x40-5	SLU_06	-463.77	16.04	-52.16	36.19	0.97	0.90	0.167
567	1	R100x40-2	SLU_06	-499.87	-29.46	66.32	54.29	0.99	0.92	0.128
568	1	R100x40-2	SLU_12	-481.16	-38.84	-66.89	54.29	0.99	0.92	0.131
569	1	R60x40-5	SLU_12	-446.54	22.40	55.08	36.19	0.97	0.90	0.175
57	1	C50-4	SLU_01	-1688.77	40.83	-33.78	27.14	0.59	0.59	0.439
570	1	R60x40-5	SLU_12	-365.58	20.18	-89.71	36.19	0.98	0.83	0.269
571	1	R60x40-5	SLU_06	-207.32	29.81	8.14	36.19	0.95	0.82	0.069
572	1	R60x40-5	SLU_06	-160.61	36.92	-30.55	36.19	0.94	0.82	0.126
573	1	R60x40-5	SLU_06	-256.15	-9.15	114.10	36.19	0.93	0.79	0.374
574	1	R60x40-5	SLU_09	-585.33	-11.71	94.71	36.19	0.97	0.90	0.271
575	1	R60x40-5	SLU_09	-517.90	21.72	-115.45	36.19	0.97	0.83	0.337
576	1	R60x40-5	SLU_09	-502.05	45.49	36.16	36.19	0.97	0.86	0.160
577	1	R60x40-5	SLU_09	-544.49	54.30	-31.01	36.19	0.97	0.86	0.166
578	1	R60x40-5	SLU_09	-587.91	14.36	102.30	36.19	0.97	0.83	0.289
579	1	R60x40-5	SLU_09	-667.13	13.34	-93.85	36.19	0.97	0.90	0.277
58	1	C50-5	SLU_01	-1155.11	-23.10	-23.10	36.19	0.63	0.66	0.276
580	1	R80x40-3	SLU_12	-466.82	-38.63	-32.89	37.70	0.99	0.91	0.109
581	1	R80x40-5	SLU_12	-939.75	34.31	-18.80	54.29	1.00	0.97	0.139
582	1	R60x40-5	SLU_09	-668.56	13.37	97.51	36.19	0.97	0.90	0.284
583	1	R60x40-5	SLU_09	-577.20	19.88	-109.49	36.19	0.97	0.83	0.313
584	1	R60x40-5	SLU_12	-540.94	61.02	42.58	36.19	0.97	0.86	0.192
585	1	R60x40-5	SLU_12	-464.76	53.39	-67.67	36.19	0.98	0.86	0.235
586	1	R60x40-6	SLU_12	-363.00	54.38	118.14	54.29	0.89	0.72	0.316
587	1	R60x40-5	SLU_12	-350.75	-7.02	79.45	36.19	0.87	0.79	0.226
588	1	R60x40-5	SLU_09	-465.63	-9.84	79.82	36.19	0.99	0.92	0.226
589	1	R60x40-5	SLU_09	-398.92	-12.34	-85.42	36.19	0.99	0.86	0.245
59	1	C50-3	SLU_12	-707.14	14.14	-14.14	45.24	0.66	0.69	0.158
590	1	R60x40-5	SLU_09	-313.32	-15.44	21.85	36.19	0.99	0.88	0.089
591	1	R60x40-5	SLU_09	-311.54	-15.26	-23.82	36.19	0.99	0.88	0.092
592	1	R60x40-5	SLU_09	-403.96	-10.07	83.69	36.19	0.99	0.86	0.237
593	1	R60x40-5	SLU_09	-464.35	-9.29	-79.20	36.19	0.99	0.92	0.223
594	1	R60x40-5	SLU_12	-444.97	8.90	83.35	36.19	0.99	0.92	0.233
595	1	R60x40-5	SLU_12	-379.23	-13.66	-97.44	36.19	0.99	0.86	0.288
596	1	R60x40-5	SLU_12	-308.26	-18.09	41.48	36.19	0.99	0.88	0.130
597	1	R60x40-5	SLU_12	-253.05	-34.85	-63.66	36.19	0.99	0.88	0.209
598	1	R60x40-5	SLU_12	-229.71	-57.25	98.50	36.19	0.90	0.73	0.363
599	1	R60x40-7	SLU_12	-264.08	-84.16	-72.87	36.19	0.87	0.82	0.308
6	1	R100x50-2	SLU_04	-3838.79	-76.78	76.78	54.29	0.71	0.69	0.383
60	1	R60x80-72	SLU_04	-2543.50	-50.87	92.89	54.29	0.97	0.99	0.267
600	1	R56x30-2	SLU_06	-199.55	-3.99	33.27	25.13	0.94	0.74	0.193
601	1	R56x30-2	SLU_06	-192.91	-11.63	-35.59	25.13	0.94	0.74	0.222
602	1	C50-4	SLU_06	-212.88	-12.49	78.96	27.14	0.88	0.94	0.306
603	1	C50-4	SLU_06	-212.45	-12.63	-80.32	27.14	0.88	0.94	0.309

604	1	C50-4	SLU_06	-168.31	12.51	3.37	27.14	0.89	0.94	0.057
605	1	C50-4	SLU_06	-167.95	12.60	-5.63	27.14	0.89	0.94	0.059
606	1	C50-4	SLU_09	-142.72	30.22	25.81	27.14	0.86	0.93	0.141
607	1	C50-4	SLU_09	-142.50	29.58	-28.47	27.14	0.86	0.93	0.145
608	1	C50-4	SLU_04	-116.21	-2.32	26.01	27.14	0.86	0.91	0.089
609	1	C50-4	SLU_12	-115.42	-2.31	-27.82	27.14	0.86	0.91	0.096
61	1	R60x60-2	SLU_04	-2037.27	-40.75	-50.16	54.29	0.95	0.98	0.267
610	1	C50-4	SLU_06	-110.49	2.21	8.49	27.14	0.86	0.89	0.038
611	1	C50-4	SLU_12	-102.44	3.32	-8.66	27.14	0.86	0.89	0.038
615	1	R60x40-5	SLU_10	-151.27	54.65	97.97	36.19	0.97	0.83	0.390
616	1	R60x40-5	SLU_12	-147.89	32.50	-62.13	36.19	0.96	0.86	0.226
617	1	R100x40-2	SLU_12	-139.18	24.65	-56.51	54.29	0.99	0.89	0.130
618	1	R100x40-2	SLU_12	-137.37	38.13	58.49	54.29	0.99	0.89	0.140
619	1	R60x40-5	SLU_12	-146.72	35.60	58.22	36.19	0.96	0.86	0.211
62	1	R60x60-2	SLU_04	-2235.99	44.72	46.07	54.29	0.95	0.98	0.290
620	1	R60x40-5	SLU_10	-150.92	54.96	-100.29	36.19	0.97	0.83	0.404
624	1	R60x40-5	SLU_04	-165.28	-12.95	108.79	36.19	0.97	0.86	0.391
625	1	R60x40-5	SLU_09	-167.98	-32.07	116.59	36.19	0.97	0.79	0.441
626	1	R60x40-5	SLU_10	-263.83	-156.40	45.68	36.19	0.96	0.82	0.372
627	1	R60x40-5	SLU_10	-298.44	-222.63	-44.33	36.19	0.96	0.82	0.517
628	1	R60x40-5	SLU_10	-280.55	19.83	135.77	36.19	0.95	0.79	0.456
629	1	R60x40-5	SLU_10	-314.01	30.46	-135.95	36.19	0.95	0.86	0.463
63	1	R60x80-72	SLU_04	-3050.44	-61.01	-118.06	54.29	0.97	0.99	0.321
630	1	R80x40-3	SLU_12	-315.80	63.65	31.31	37.70	0.82	0.84	0.114
631	1	R80x40-3	SLU_12	-320.90	-76.02	24.63	37.70	0.83	0.85	0.112
632	1	R60x40-5	SLU_10	-314.04	32.23	134.35	36.19	0.95	0.86	0.457
633	1	R60x40-5	SLU_12	-257.66	22.13	-143.43	36.19	0.95	0.79	0.503
634	1	R60x40-5	SLU_10	-293.09	-225.41	44.16	36.19	0.96	0.82	0.521
635	1	R60x40-5	SLU_12	-269.39	-150.20	-64.91	36.19	0.97	0.82	0.407
636	1	R60x40-6	SLU_12	-9.02	-61.99	-82.30	54.29	0.90	0.70	0.291
637	1	C50-6	SLU_12	50.38	-7.07	66.12	31.67	0.77	0.86	0.339
638	1	R60x40-5	SLU_04	-179.28	4.98	100.86	36.19	0.98	0.88	0.343
639	1	R60x40-5	SLU_10	-167.61	14.21	-102.96	36.19	0.98	0.81	0.366
64	1	R60x80-72	SLU_04	-3925.85	-78.52	86.92	54.29	0.98	0.99	0.401
640	1	R60x40-5	SLU_10	-118.87	19.99	22.98	36.19	0.98	0.85	0.084
641	1	R60x40-5	SLU_10	-118.37	20.01	-24.97	36.19	0.98	0.85	0.089
642	1	R60x40-5	SLU_10	-170.84	9.33	102.71	36.19	0.98	0.81	0.359
643	1	R60x40-5	SLU_12	-177.39	3.55	-105.14	36.19	0.98	0.88	0.361
644	1	R60x40-5	SLU_04	-179.24	3.89	102.08	36.19	0.98	0.88	0.347
645	1	R60x40-5	SLU_12	-153.94	10.32	-111.39	36.19	0.98	0.81	0.405
646	1	R60x40-5	SLU_12	-104.08	-21.55	-36.89	36.19	0.98	0.85	0.130
647	1	R60x40-5	SLU_12	-130.43	-34.89	58.70	36.19	0.99	0.85	0.220
648	1	R60x40-5	SLU_12	-3.86	-52.19	-62.66	36.19	0.90	0.72	0.313
649	1	R30x60-3	SLU_12	34.95	14.26	88.24	36.19	0.82	0.83	0.290
	2	R30x60-4	SLU_12	34.95	6.85	-67.89	25.13			0.307
65	1	R100x50-2	SLU_04	-3600.90	-72.02	72.02	54.29	1.00	0.96	0.360
66	1	R80x40-5	SLU_03	-1208.38	-51.20	-24.17	54.29	0.99	0.90	0.181
67	1	R100x50-2	SLU_04	-3613.27	-72.27	-72.27	54.29	1.00	0.96	0.361
68	1	R60x80-72	SLU_04	-4002.68	-80.05	-88.30	54.29	0.98	0.99	0.409

69	1	R60x80-72	SLU_04	-3093.86	-61.88	117.77	54.29	0.97	0.99	0.325
7	1	R80x40-5	SLU_02	-1468.67	42.18	-29.37	54.29	0.70	0.67	0.215
70	1	R60x60-2	SLU_04	-2267.40	45.35	-45.79	54.29	0.95	0.98	0.293
71	1	R60x60-2	SLU_04	-2060.67	-41.21	51.56	54.29	0.95	0.98	0.270
72	1	R60x80-72	SLU_04	-2509.06	-50.18	-92.40	54.29	0.97	0.99	0.263
725	1	R80x40-5	SLU_12	-1041.85	-30.44	20.84	54.29	1.00	0.98	0.152
73	1	R60x80-72	SLU_04	-4406.65	88.13	-102.11	54.29	0.99	0.93	0.450
74	1	R60x80-72	SLU_04	-3076.14	-61.52	115.47	54.29	0.97	0.99	0.323
75	1	R60x60-2	SLU_04	-2294.59	-45.89	-50.36	54.29	0.95	0.98	0.298
76	1	R60x60-2	SLU_04	-2307.58	-46.15	50.43	54.29	0.95	0.98	0.300
77	1	R60x80-72	SLU_04	-3093.47	-61.87	-113.54	54.29	0.97	0.99	0.324
78	1	R60x80-72	SLU_04	-3523.99	70.48	94.21	54.29	0.98	0.99	0.362
79	1	R80x40-4	SLU_12	-837.90	-39.99	-16.76	54.29	0.91	0.97	0.127
8	2	R80x40-3	SLU_12	-837.90	-48.12	16.76	37.70			0.141
8	1	R100x50-2	SLU_04	-3851.31	-77.03	-77.03	54.29	0.71	0.69	0.385
80	1	R80x40-3	SLU_12	-828.02	-75.03	16.56	37.70	1.00	0.98	0.152
81	1	R60x80-72	SLU_04	-3596.18	71.92	-93.47	54.29	0.98	0.99	0.369
82	1	R60x80-72	SLU_04	-3325.36	-66.51	117.32	54.29	0.97	0.99	0.347
83	1	R60x60-2	SLU_04	-2378.55	-47.57	-50.48	54.29	0.95	0.98	0.309
84	1	R60x60-2	SLU_04	-2313.77	-46.28	52.72	54.29	0.95	0.98	0.301
85	1	R60x80-72	SLU_04	-2959.41	-59.19	-113.75	54.29	0.97	0.99	0.312
86	1	R60x80-72	SLU_04	-4049.02	90.12	80.98	54.29	0.98	0.93	0.416
87	1	R60x80-72	SLU_04	-3009.66	60.19	-88.94	54.29	0.99	0.99	0.311
88	1	R60x80-72	SLU_01	-2526.50	50.53	125.01	54.29	0.97	0.99	0.273
89	1	R60x60-2	SLU_04	-1896.74	37.93	-48.99	54.29	0.95	0.98	0.249
9	1	R60x80-72	SLU_04	-4288.40	-85.77	-85.77	54.29	0.70	0.70	0.437
90	1	R60x60-2	SLU_04	-1872.61	37.45	49.32	54.29	0.95	0.98	0.246
91	1	R60x80-72	SLU_01	-2494.45	49.89	-123.98	54.29	0.97	0.99	0.270
92	1	R60x80-72	SLU_04	-2906.36	58.13	87.67	54.29	0.98	0.99	0.301
93	1	R60x80-72	SLU_04	-2967.44	59.35	-86.51	54.29	0.98	0.99	0.306
94	1	R60x80-72	SLU_04	-2725.31	54.51	118.15	54.29	0.97	0.99	0.290
95	1	R60x60-2	SLU_04	-1947.44	38.95	-49.67	54.29	0.95	0.98	0.256
96	1	R60x60-2	SLU_04	-1878.07	37.56	50.92	54.29	0.95	0.98	0.248
97	1	R60x80-72	SLU_01	-2387.82	47.76	-123.02	54.29	0.97	0.99	0.260
98	1	R60x80-73	SLU_04	-2725.48	54.51	87.50	54.29	0.98	0.99	0.283
982	1	R80x40-5	SLU_12	-972.56	29.69	-31.77	54.29	1.00	0.98	0.154
983	1	R80x40-5	SLU_12	-1126.34	-36.17	76.27	54.29	1.00	0.73	0.222
99	1	C50-5	SLU_03	-1046.40	-20.93	-20.93	36.19	0.80	0.89	0.250

SLU:VERIFICHE M-N SETTI

Setto	Sezione	Quota [m]	Combinazione	N [kN]	M2 [kNm]	M3 [kNm]	D/C
W-ASC-DX	1B	-15,77	SLU_06	-1168,51	-175,94	-322,58	0,031
	1T	-11,27	SLU_06	-1168,51	-175,94	-322,58	0,031
	2B	-11,27	SLU_06	-1074,66	-161,81	-296,67	0,028
	2T	-7,87	SLU_12	-987,63	-334,29	-327,24	0,031
	3B	-7,87	SLU_12	-903,62	-335,84	-308,22	0,029
	3T	-4,45	SLU_12	-903,62	-521,01	-362,69	0,035
	4B	-4,45	SLU_12	-819,61	-522,56	-343,68	0,034
	4T	0	SLU_12	-819,61	-1602,78	-661,43	0,070
	5B	0	SLU_12	-735,60	-1604,32	-642,41	0,069
	5T	4,75	SLU_12	-735,60	-917,00	-453,67	0,046
	6B	4,75	SLU_12	-651,58	-909,43	-465,64	0,045
	6T	8,16	SLU_12	-651,58	-812,34	-451,74	0,042
	7B	8,16	SLU_12	-567,57	-804,77	-463,71	0,041
	7T	11,57	SLU_12	-567,57	-592,66	-406,32	0,034
	8B	11,57	SLU_12	-483,56	-585,10	-418,28	0,033
	8T	14,98	SLU_12	-483,56	355,34	-355,86	0,025
	9B	14,98	SLU_12	-399,55	351,31	-361,50	0,024
	9T	18,4	SLU_12	-399,55	249,67	-251,42	0,018
	10B	18,4	SLU_12	-315,54	245,64	-257,06	0,017
	10T	21,8	SLU_12	-315,54	158,33	-197,00	0,013
11B	21,8	SLU_12	-231,52	154,30	-202,64	0,012	
11T	25,2	SLU_12	-231,52	137,81	-286,06	0,015	
12B	25,2	SLU_12	-147,51	127,19	-293,65	0,014	
12T	28,7	SLU_12	-147,51	-9,60	-83,59	0,005	
W-ASC-MID-1	1B	-15,77	SLU_06	-1702,86	378,63	-378,63	0,045
	1T	-11,27	SLU_06	-1702,86	-378,63	-383,56	0,045
	2B	-11,27	SLU_06	-1582,69	-351,91	-385,37	0,043
	2T	-7,87	SLU_06	-1582,69	-351,91	-433,48	0,044
	3B	-7,87	SLU_06	-1462,52	-325,19	-435,28	0,042
	3T	-4,45	SLU_06	-1462,52	-325,19	-562,12	0,046
	4B	-4,45	SLU_06	-1342,35	-298,47	-563,93	0,044
	4T	0	SLU_12	-1240,09	-275,74	-1083,80	0,060
	5B	0	SLU_12	-1132,52	-251,82	-1085,41	0,059
	5T	4,75	SLU_12	-1132,52	-251,82	-1119,76	0,060
	6B	4,75	SLU_12	-1024,94	227,90	-1121,37	0,058
	6T	8,16	SLU_12	-1024,94	-227,90	-1024,19	0,055
	7B	8,16	SLU_12	-917,36	203,98	-1025,81	0,053
	7T	11,57	SLU_12	-917,36	-203,98	-665,67	0,039
	8B	11,57	SLU_12	-809,78	-180,06	-667,28	0,038
	8T	14,98	SLU_12	-809,78	-223,22	-480,68	0,031
	9B	14,98	SLU_12	-702,21	-223,22	-482,30	0,029
	9T	18,4	SLU_12	-702,21	-225,36	-374,42	0,026
	10B	18,4	SLU_12	-594,63	-225,36	-376,03	0,024
	10T	21,8	SLU_12	-594,63	-132,22	-337,01	0,022
11B	21,8	SLU_12	-487,05	-108,30	-338,63	0,020	
11T	25,2	SLU_12	-487,05	-140,78	-375,12	0,022	
12B	25,2	SLU_12	-379,47	-140,78	-376,73	0,020	
12T	28,7	SLU_12	-379,47	84,38	-416,67	0,022	

	1B	-15,77	SLU_06	-804,88	-1,83	5,53	0,175
	1T	-11,27	SLU_06	-804,88	2,09	-11,12	0,192
	2B	-11,27	SLU_06	-708,64	2,20	16,28	0,189
	2T	-7,87	SLU_06	-708,64	-3,01	-10,32	0,170
	3B	-7,87	SLU_06	-629,93	-3,05	4,34	0,137
	3T	-4,45	SLU_06	-629,93	2,63	-4,79	0,138
	4B	-4,45	SLU_06	-547,57	1,90	6,23	0,126
	4T	0	SLU_06	-547,57	1,40	-9,14	0,135
	5B	0	SLU_06	-449,78	1,33	2,38	0,096
	5T	4,75	SLU_06	-449,78	-1,20	4,39	0,102
	6B	4,75	SLU_06	-402,25	-1,15	-4,64	0,093
W-ASC-MID-2	6T	8,16	SLU_06	-402,25	0,59	-7,13	0,100
	7B	8,16	SLU_04	-304,58	0,48	14,64	0,113
	7T	11,57	SLU_04	-304,58	-0,33	-12,68	0,104
	8B	11,57	SLU_04	-224,99	-0,37	9,95	0,080
	8T	14,98	SLU_04	-224,99	0,88	-10,16	0,081
	9B	14,98	SLU_04	-147,23	0,78	10,07	0,069
	9T	18,4	SLU_04	-147,23	-1,53	-10,43	0,071
	10B	18,4	SLU_04	-67,45	-1,47	10,00	0,062
	10T	21,8	SLU_12	-66,29	12,48	-8,98	0,068
	11B	21,8	SLU_04	10,25	7,90	10,84	0,097
	11T	25,2	SLU_12	9,59	-20,79	-13,01	0,125
	12B	25,2	SLU_12	104,04	17,72	16,19	0,184
12T	28,7	SLU_10	102,38	6,27	-17,79	0,190	
	1B	-15,77	SLU_06	-1171,59	323,43	176,40	0,040
	1T	-11,27	SLU_06	-1171,59	323,43	176,40	0,040
	2B	-11,27	SLU_06	-1077,75	297,52	162,27	0,037
	2T	-7,87	SLU_12	-991,64	328,70	-326,52	0,040
	3B	-7,87	SLU_12	-907,62	330,25	-307,50	0,038
	3T	-4,45	SLU_12	-907,62	515,26	-361,93	0,046
	4B	-4,45	SLU_12	-823,61	516,81	-342,91	0,044
	4T	0	SLU_12	-823,61	1603,82	-662,66	0,098
	5B	0	SLU_12	-739,60	1605,37	-643,65	0,096
	5T	4,75	SLU_12	-739,60	896,22	-459,71	0,061
	6B	4,75	SLU_12	-655,59	-851,28	-521,03	0,060
W-ASC-SX	6T	8,16	SLU_12	-655,59	789,18	-466,31	0,056
	7B	8,16	SLU_12	-571,58	-747,64	-521,31	0,056
	7T	11,57	SLU_12	-571,58	-551,79	-462,68	0,045
	8B	11,57	SLU_12	-487,56	-547,76	-468,32	0,044
	8T	14,98	SLU_12	-487,56	-336,77	-370,41	0,032
	9B	14,98	SLU_12	-403,55	-332,74	-376,05	0,032
	9T	18,4	SLU_12	-403,55	-217,56	-271,07	0,023
	10B	18,4	SLU_12	-319,54	-213,53	-276,72	0,022
	10T	21,8	SLU_12	-319,54	-129,50	-188,47	0,016
	11B	21,8	SLU_12	-235,53	-112,79	-197,85	0,015
	11T	25,2	SLU_12	-235,53	-35,99	-307,93	0,018
	12B	25,2	SLU_12	-151,51	-40,21	-311,15	0,017
12T	28,7	SLU_12	-151,51	-10,12	84,98	0,006	
	1B	-15,77	SLU_12	-10046,17	-13288,54	2233,77	0,073
	1T	-11,27	SLU_12	-10046,17	-16181,58	3150,99	0,081

W-DX	2B	-11,27	SLU_12	-8887,39	-14905,63	2201,26	0,072
	2T	-7,87	SLU_12	-8887,39	-17848,16	5374,99	0,087
	3B	-7,87	SLU_12	-7714,56	-16522,74	4405,76	0,077
	3T	-4,45	SLU_12	-7714,56	-18988,88	9344,19	0,101
	4B	-4,45	SLU_12	-6068,66	-18147,33	7449,45	0,091
	4T	0	SLU_12	-6068,66	-18655,28	12398,34	0,114
	5B	0	SLU_12	-4740,74	14078,69	11614,27	0,177
	5T	4,75	SLU_12	-4999,26	1867,86	8730,62	0,087
	6B	4,75	SLU_12	-4408,62	2672,36	7887,52	0,080
	6T	8,16	SLU_12	-4243,45	5145,55	9476,08	0,103
	7B	8,16	SLU_12	-3621,63	5932,62	8033,68	0,095
	7T	11,57	SLU_12	-3752,18	-5436,90	8516,47	0,097
	8B	11,57	SLU_12	-2984,38	6181,57	7029,92	0,090
	8T	14,98	SLU_12	-2984,38	-5144,72	7044,54	0,084
	9B	14,98	SLU_12	-2338,33	5094,96	5573,95	0,073
	9T	18,4	SLU_12	-2338,33	-4107,23	5416,36	0,065
	10B	18,4	SLU_12	-1687,03	3444,32	3949,27	0,050
	10T	21,8	SLU_12	-1687,03	-2601,05	3790,47	0,044
	11B	21,8	SLU_12	-1029,11	-1643,28	2331,51	0,027
	11T	25,2	SLU_12	-1029,11	-1355,63	2269,33	0,025
12B	25,2	SLU_12	-444,37	478,99	876,18	0,010	
12T	28,7	SLU_10	-452,81	-322,84	894,72	0,009	
W-MID-DX	5T	4,75	SLU_04	-3020,99	-500,63	-2491,92	0,085
	6B	4,75	SLU_12	-2271,63	8,96	-2027,72	0,125
	6T	8,16	SLU_12	-2272,86	-221,47	-2168,70	0,125
	7B	8,16	SLU_12	-2424,99	62,42	-2816,58	0,088
	7T	11,57	SLU_12	-2493,18	-26,20	-3146,56	0,093
	8B	11,57	SLU_12	-2180,93	160,92	-2939,71	0,093
	8T	14,98	SLU_12	-2107,96	-44,96	-2590,54	0,077
	9B	14,98	SLU_12	-1762,49	156,38	-2477,01	0,079
	9T	18,4	SLU_12	-1671,11	-83,32	-1983,74	0,059
	10B	18,4	SLU_12	-1313,45	126,39	-1900,28	0,061
	10T	21,8	SLU_12	-1167,88	-600,74	-1274,34	0,055
	11B	21,8	SLU_12	-843,58	130,21	-1279,51	0,044
11T	25,2	SLU_12	-587,51	-542,92	-391,01	0,085	
12B	25,2	SLU_12	-160,75	348,55	-218,07	0,057	
12T	28,7	SLU_12	-143,61	-172,97	170,62	0,031	
W-MID-INF	1B	-15,77	SLU_12	-12105,58	-954,59	-3773,27	0,114
	1T	-11,27	SLU_12	-11978,91	-944,60	-5091,99	0,121
	2B	-11,27	SLU_12	-11087,26	-874,29	-4494,97	0,110
	2T	-7,87	SLU_12	-10856,82	-856,11	-5914,95	0,116
	3B	-7,87	SLU_12	-9943,50	-784,09	-5338,66	0,106
	3T	-4,45	SLU_12	-9617,67	-758,40	-7299,37	0,114
	4B	-4,45	SLU_12	-8293,13	-653,95	-6434,20	0,099
	4T	0	SLU_04	-7872,74	-620,80	-8729,15	0,109
	5B	0	SLU_04	-6624,52	-522,38	-7972,26	0,095
	5T	4,75	SLU_04	-2975,43	496,35	-2463,56	0,084
6B	4,75	SLU_12	-2221,42	-0,24	-2029,69	0,124	
6T	8,16	SLU_12	-2220,19	199,55	-2210,64	0,127	
7B	8,16	SLU_12	-2356,17	-83,45	-2829,46	0,088	

W-MID-SX	7T	11,57	SLU_12	-2430,61	-5,39	-3207,08	0,095
	8B	11,57	SLU_12	-2117,08	-193,71	-3001,97	0,096
	8T	14,98	SLU_12	-1896,61	784,85	-751,86	0,081
	9B	14,98	SLU_12	-1701,62	-207,98	-2545,42	0,084
	9T	18,4	SLU_12	-1523,86	675,82	-753,32	0,072
	10B	18,4	SLU_12	-1271,50	-208,27	-1966,10	0,068
	10T	21,8	SLU_12	-1142,13	636,06	-1383,06	0,061
	11B	21,8	SLU_12	-820,96	-180,41	-1382,37	0,050
	11T	25,2	SLU_12	-645,79	329,39	-268,55	0,041
	12B	25,2	SLU_12	-221,03	-119,46	-162,30	0,021
	12T	28,7	SLU_12	-127,03	214,75	173,33	0,042
	W-SX	1B	-15,77	SLU_12	-10203,43	-13921,89	-2268,73
1T		-11,27	SLU_12	-10203,43	-17000,86	-3103,40	0,094
2B		-11,27	SLU_12	-9069,20	-15722,78	-2153,92	0,084
2T		-7,87	SLU_12	-9069,20	-18876,43	-5326,58	0,102
3B		-7,87	SLU_12	-7937,20	-17461,27	-4406,43	0,092
3T		-4,45	SLU_12	-7937,20	-20188,58	-9379,75	0,118
4B		-4,45	SLU_12	-6627,06	-18068,06	-8195,66	0,105
4T		0	SLU_12	-6627,06	-19630,18	-12495,45	0,130
5B		0	SLU_12	-5275,55	14309,25	-11795,45	0,185
5T		4,75	SLU_12	-5275,55	1281,74	-8958,73	0,103
6B		4,75	SLU_12	-4680,82	2107,75	-8109,79	0,094
6T		8,16	SLU_12	-4680,82	4455,41	-9737,35	0,115
7B		8,16	SLU_12	-4019,41	5261,21	-8280,30	0,104
7T		11,57	SLU_12	-4019,41	-5127,80	-8758,34	0,107
8B		11,57	SLU_12	-3349,52	5412,21	-7264,56	0,094
8T		14,98	SLU_12	-3349,52	-4831,28	-7297,18	0,092
9B		14,98	SLU_12	-2679,03	4248,70	-5811,03	0,075
9T		18,4	SLU_12	-2679,03	-3902,52	-5692,51	0,072
10B		18,4	SLU_12	-2007,46	-2900,25	-4211,40	0,054
10T		21,8	SLU_12	-2007,46	-2780,88	-4157,69	0,053
11B		21,8	SLU_12	-1333,37	-1768,18	-2676,71	0,034
11T		25,2	SLU_12	-1333,37	-1693,80	-2800,78	0,035
12B		25,2	SLU_12	-584,96	-548,03	-1166,06	0,014
12T		28,7	SLU_10	-602,53	-746,48	-1126,42	0,014

SLU:VERIFICHE A TAGLIO TRAVI

Trave	Segmento	Sezione	Direzione 2			Direzione 3				
			Combo	V [kN]	Aw [cm²/cm]	D/C	Combo	V [kN]	Aw [cm²/cm]	D/C
1000	1	R100x35-94	SLU_02	-106.99	0.21	0.484	SLU_12	5.05	0.10	0.015
	2	R100x35-92	SLU_02	79.01	0.21	0.357	SLU_12	5.05	0.10	0.014
1001	1	R100x35-92	SLU_02	185.21	0.21	0.837	SLU_12	1.51	0.10	0.004
1002	1	R100x35-92	SLU_02	-96.50	0.21	0.436	SLU_12	-2.80	0.10	0.008
	2	R100x35-94	SLU_02	102.85	0.21	0.465	SLU_12	-2.80	0.10	0.008
1004	1	R100x35-96	SLU_02	-217.75	0.23	0.911	SLU_12	1.22	0.11	0.003
	2	R100x35-97	SLU_02	217.37	0.23	0.910	SLU_12	1.22	0.11	0.003
1005	1	R120x35-11	SLU_02	-139.75	0.21	0.632	SLU_12	1.72	0.10	0.004
	2	R120x35-12	SLU_02	214.06	0.31	0.645	SLU_12	1.72	0.16	0.003
1006	1	R120x35-12	SLU_02	-213.36	0.31	0.643	SLU_12	-3.56	0.16	0.006
	2	R120x35-11	SLU_02	140.38	0.21	0.634	SLU_12	-3.56	0.10	0.008
1008	1	R60x30-2	SLU_12	-11.85	0.16	0.086	SLU_12	-0.57	0.08	0.004
1009	1	R100x35-98	SLU_02	-114.87	0.21	0.519	SLU_12	3.93	0.10	0.011
1010	1	R100x35-98	SLU_02	-208.00	0.21	0.940	SLU_12	-1.74	0.10	0.005
1011	1	R60x30-2	SLU_12	-11.97	0.16	0.087	SLU_12	-0.60	0.08	0.004
1013	1	R50x35-14	SLU_04	4.75	0.10	0.043	SLU_12	1.12	0.10	0.007
1015	1	R50x35-14	SLU_12	3.60	0.10	0.033	SLU_12	-1.00	0.10	0.006
1017	1	R50x35-14	SLU_12	1.70	0.10	0.015	SLU_12	-0.82	0.10	0.005
1019	1	R50x35-14	SLU_12	-1.00	0.10	0.009	SLU_12	-0.93	0.10	0.006
1021	1	R50x35-15	SLU_12	-5.29	0.10	0.048	SLU_12	-0.66	0.10	0.004
1022	1	R50x35-16	SLU_12	-25.99	0.10	0.235	SLU_12	-0.48	0.10	0.003
	2	R50x35-14	SLU_12	-25.99	0.10	0.094	SLU_12	-0.48	0.10	0.001
	3	R50x35-17	SLU_12	-25.99	0.10	0.235	SLU_12	-0.48	0.10	0.003
1023	1	R50x35-16	SLU_12	-25.53	0.10	0.231	SLU_12	1.88	0.10	0.011
	2	R50x35-14	SLU_12	-25.53	0.10	0.092	SLU_12	1.88	0.10	0.005
	3	R50x35-17	SLU_12	-25.53	0.10	0.231	SLU_12	1.88	0.10	0.011
1025	1	R50x35-14	SLU_12	-5.33	0.10	0.048	SLU_12	1.02	0.10	0.006
1027	1	R50x35-14	SLU_12	3.01	0.10	0.027	SLU_12	-0.96	0.10	0.006
1029	1	R50x35-14	SLU_10	3.43	0.10	0.031	SLU_12	-1.29	0.10	0.008
1031	1	R50x35-14	SLU_12	3.72	0.10	0.034	SLU_12	1.24	0.10	0.007
1033	1	R50x35-14	SLU_04	4.30	0.10	0.039	SLU_12	-1.14	0.10	0.007
1036	1	R50x35-14	SLU_02	-7.24	0.10	0.065	SLU_12	-0.17	0.10	0.001
1037	1	R50x35-14	SLU_02	-6.67	0.10	0.060	SLU_12	-0.09	0.10	0.001
1038	1	R50x35-15	SLU_12	-5.07	0.10	0.046	SLU_12	-0.09	0.10	0.001
1039	1	R50x35-14	SLU_12	-4.93	0.10	0.045	SLU_12	-0.05	0.10	0.000
1040	1	R50x35-14	SLU_12	-4.71	0.10	0.043	SLU_12	0.04	0.10	0.000
1041	1	R50x35-14	SLU_12	-4.97	0.10	0.045	SLU_12	0.07	0.10	0.000
1042	1	R50x35-14	SLU_02	-5.00	0.10	0.045	SLU_12	0.07	0.10	0.000
1043	1	R50x35-14	SLU_02	-6.59	0.10	0.060	SLU_12	0.11	0.10	0.001
1044	1	R50x35-14	SLU_02	-6.73	0.10	0.061	SLU_12	0.17	0.10	0.001
1045	1	R50x35-15	SLU_04	-19.69	0.10	0.178	SLU_12	-0.12	0.10	0.001
1046	1	R50x35-14	SLU_04	-17.06	0.10	0.154	SLU_12	0.78	0.10	0.005
1047	1	R50x35-14	SLU_12	-17.36	0.10	0.157	SLU_12	0.72	0.10	0.004
1048	1	R50x35-14	SLU_12	-17.27	0.10	0.156	SLU_12	0.77	0.10	0.005
1049	1	R50x35-14	SLU_12	-18.02	0.10	0.163	SLU_12	0.76	0.10	0.005
1050	1	R50x35-15	SLU_12	-20.60	0.10	0.186	SLU_12	0.90	0.10	0.005
1051	1	R50x35-15	SLU_12	-20.95	0.10	0.189	SLU_12	-1.16	0.10	0.007

1052	1	R50x35-14	SLU_12	-19.10	0.10	0.173	SLU_12	0.91	0.10	0.005
1053	1	R50x35-14	SLU_12	-16.75	0.10	0.151	SLU_12	1.04	0.10	0.006
1054	1	R50x35-14	SLU_12	-17.14	0.10	0.155	SLU_12	-0.96	0.10	0.006
1055	1	R50x35-14	SLU_04	-16.11	0.10	0.146	SLU_12	-0.87	0.10	0.005
1056	1	R50x35-15	SLU_04	-17.77	0.10	0.161	SLU_12	0.12	0.10	0.001
1057	1	R50x80-110	SLU_03	108.72	0.09	0.455	SLU_12	-5.29	0.09	0.035
	2	R50x80-112	SLU_03	108.72	0.09	0.455	SLU_12	-5.29	0.09	0.035
1058	1	R50x80-110	SLU_12	116.39	0.09	0.487	SLU_12	-5.26	0.09	0.035
	2	R50x80-111	SLU_12	116.39	0.09	0.487	SLU_12	-5.26	0.09	0.035
	3	R50x80-112	SLU_12	116.39	0.09	0.487	SLU_12	-5.26	0.09	0.035
1059	1	R50x80-59	SLU_12	138.24	0.09	0.578	SLU_12	-4.25	0.09	0.029
	2	R50x80-60	SLU_12	138.24	0.09	0.578	SLU_12	-4.25	0.09	0.029
	3	R50x80-61	SLU_12	138.24	0.09	0.578	SLU_12	-4.25	0.09	0.029
1060	1	R50x80-59	SLU_04	156.30	0.09	0.654	SLU_12	-3.71	0.09	0.025
	2	R50x80-60	SLU_04	156.30	0.09	0.654	SLU_12	-3.71	0.09	0.025
	3	R50x80-61	SLU_04	156.30	0.09	0.654	SLU_12	-3.71	0.09	0.025
1061	1	R50x80-62	SLU_12	169.76	0.09	0.710	SLU_12	-2.88	0.09	0.019
	2	R50x80-63	SLU_12	169.76	0.09	0.710	SLU_12	-2.88	0.09	0.019
	3	R50x80-64	SLU_12	169.76	0.09	0.710	SLU_12	-2.88	0.09	0.019
1062	1	R50x80-59	SLU_12	164.38	0.09	0.688	SLU_12	-1.04	0.09	0.007
	2	R50x80-60	SLU_12	164.38	0.09	0.688	SLU_12	-1.04	0.09	0.007
	3	R50x80-61	SLU_12	164.38	0.09	0.688	SLU_12	-1.04	0.09	0.007
1063	1	R50x80-56	SLU_12	102.63	0.09	0.429	SLU_12	-0.27	0.09	0.002
	2	R50x80-57	SLU_12	102.63	0.09	0.429	SLU_12	-0.27	0.09	0.002
	3	R50x80-58	SLU_12	102.63	0.09	0.429	SLU_12	-0.27	0.09	0.002
1064	1	R50x80-59	SLU_12	165.74	0.09	0.694	SLU_12	1.73	0.09	0.012
	2	R50x80-60	SLU_12	165.74	0.09	0.694	SLU_12	1.73	0.09	0.012
	3	R50x80-61	SLU_12	165.74	0.09	0.694	SLU_12	1.73	0.09	0.012
1065	1	R50x80-62	SLU_12	171.01	0.09	0.716	SLU_12	3.00	0.09	0.020
	2	R50x80-63	SLU_12	171.01	0.09	0.716	SLU_12	3.00	0.09	0.020
	3	R50x80-64	SLU_12	171.01	0.09	0.716	SLU_12	3.00	0.09	0.020
1066	1	R50x80-59	SLU_04	156.65	0.09	0.655	SLU_12	4.19	0.09	0.028
	2	R50x80-60	SLU_04	156.65	0.09	0.655	SLU_12	4.19	0.09	0.028
	3	R50x80-61	SLU_04	156.65	0.09	0.655	SLU_12	4.19	0.09	0.028
1067	1	R50x80-59	SLU_12	138.60	0.09	0.580	SLU_12	4.72	0.09	0.032
	2	R50x80-60	SLU_12	138.60	0.09	0.580	SLU_12	4.72	0.09	0.032
	3	R50x80-61	SLU_12	138.60	0.09	0.580	SLU_12	4.72	0.09	0.032
1068	1	R50x80-110	SLU_12	116.40	0.09	0.487	SLU_12	5.79	0.09	0.038
	2	R50x80-111	SLU_12	116.40	0.09	0.487	SLU_12	5.79	0.09	0.038
	3	R50x80-112	SLU_12	116.40	0.09	0.487	SLU_12	5.79	0.09	0.038
1069	1	R50x80-108	SLU_03	109.91	0.09	0.460	SLU_12	5.78	0.09	0.039
	2	R50x80-109	SLU_03	109.91	0.09	0.460	SLU_12	5.78	0.09	0.039
1070	1	R50x30-19	SLU_12	-2.92	0.10	0.032	SLU_12	0.62	0.10	0.004
1071	1	R50x35-14	SLU_02	25.70	0.10	0.232	SLU_12	0.29	0.10	0.002
1072	1	R50x35-14	SLU_02	3.77	0.10	0.034	SLU_12	-0.12	0.10	0.001
1073	1	R50x35-14	SLU_02	3.50	0.10	0.032	SLU_12	0.09	0.10	0.001
1074	1	R50x35-14	SLU_01	13.41	0.10	0.121	SLU_12	-0.35	0.10	0.002
1078	1	R50x30-21	SLU_04	12.03	0.10	0.130	SLU_12	-0.27	0.10	0.002
1079	1	R50x35-14	SLU_12	-7.26	0.10	0.066	SLU_12	0.90	0.10	0.005

1080	1	R50x35-14	SLU_12	-7.42	0.10	0.067	SLU_12	-1.52	0.10	0.009
1081	1	R50x35-14	SLU_12	-2.73	0.10	0.025	SLU_12	2.49	0.10	0.015
1082	1	R50x35-14	SLU_12	-4.70	0.10	0.042	SLU_12	-1.05	0.10	0.006
1083	1	R50x35-14	SLU_12	-4.38	0.10	0.040	SLU_12	1.07	0.10	0.006
1084	1	R50x35-14	SLU_12	-2.55	0.10	0.023	SLU_12	-2.49	0.10	0.015
1085	1	R50x35-14	SLU_12	-7.13	0.10	0.064	SLU_12	0.19	0.10	0.001
1086	1	R50x35-14	SLU_12	-7.11	0.10	0.064	SLU_12	-0.20	0.10	0.001
1087	1	R50x50-2	SLU_01	-52.27	0.09	0.365	SLU_12	-0.45	0.09	0.003
1088	1	R50x50-2	SLU_01	-27.45	0.09	0.191	SLU_12	-0.44	0.09	0.003
1089	1	R50x50-2	SLU_01	27.55	0.09	0.192	SLU_12	0.49	0.09	0.003
1090	1	R50x50-2	SLU_01	52.16	0.09	0.364	SLU_12	0.49	0.09	0.003
1091	1	R50x80-68	SLU_02	-15.53	0.09	0.065	SLU_12	0.76	0.09	0.005
	2	R50x80-69	SLU_02	114.20	0.09	0.478	SLU_12	0.76	0.09	0.005
1093	1	R50x80-71	SLU_02	-114.35	0.09	0.478	SLU_12	1.17	0.09	0.008
	2	R50x80-68	SLU_02	-46.19	0.09	0.193	SLU_12	1.17	0.09	0.008
	3	R50x80-69	SLU_02	102.53	0.09	0.429	SLU_12	1.17	0.09	0.008
1095	1	R50x80-57	SLU_02	-131.96	0.09	0.552	SLU_12	0.78	0.09	0.005
	2	R50x80-56	SLU_02	46.43	0.09	0.194	SLU_12	0.78	0.09	0.005
	3	R50x80-57	SLU_02	138.24	0.09	0.578	SLU_12	0.78	0.09	0.005
1096	1	R50x80-57	SLU_02	-163.48	0.09	0.684	SLU_12	0.47	0.09	0.003
	2	R50x80-56	SLU_02	-69.86	0.09	0.292	SLU_12	0.47	0.09	0.003
	3	R50x80-57	SLU_02	121.29	0.09	0.508	SLU_12	0.47	0.09	0.003
1097	1	R50x80-57	SLU_02	201.50	0.09	0.843	SLU_12	-0.15	0.09	0.001
1098	1	R50x80-57	SLU_02	-202.04	0.09	0.845	SLU_12	-0.36	0.09	0.003
1100	1	R50x80-57	SLU_02	-137.53	0.09	0.575	SLU_12	-0.89	0.09	0.006
	2	R50x80-56	SLU_02	-45.72	0.09	0.191	SLU_12	-0.89	0.09	0.006
	3	R50x80-57	SLU_02	132.70	0.09	0.555	SLU_12	-0.89	0.09	0.006
1102	1	R50x80-57	SLU_02	-103.52	0.09	0.433	SLU_12	-1.28	0.09	0.009
	2	R50x80-56	SLU_02	45.21	0.09	0.189	SLU_12	-1.28	0.09	0.009
	3	R50x80-58	SLU_02	113.37	0.09	0.474	SLU_12	-1.28	0.09	0.009
1104	1	R50x80-66	SLU_01	-81.37	0.09	0.341	SLU_12	0.87	0.09	0.006
	2	R50x80-65	SLU_01	-51.91	0.09	0.217	SLU_12	0.87	0.09	0.006
	3	R50x80-67	SLU_06	-20.39	0.09	0.085	SLU_12	0.87	0.09	0.006
1105	1	R100x35-100	SLU_12	-135.79	0.21	0.614	SLU_12	4.91	0.10	0.014
	2	R100x35-101	SLU_12	113.26	0.21	0.512	SLU_12	4.91	0.10	0.015
1106	1	R100x35-105	SLU_01	-234.77	0.31	0.707	SLU_12	-6.76	0.16	0.013
	2	R100x35-92	SLU_01	-89.13	0.21	0.161	SLU_12	-6.76	0.10	0.008
	3	R100x35-94	SLU_01	198.87	0.21	0.899	SLU_12	-6.76	0.10	0.020
1107	1	R80x35-14	SLU_01	115.11	0.16	0.694	SLU_12	-3.67	0.08	0.018
1108	1	R80x35-13	SLU_01	-112.41	0.16	0.677	SLU_12	3.73	0.08	0.018
1109	1	R100x35-114	SLU_01	-62.63	0.21	0.283	SLU_12	-4.83	0.10	0.014
	2	R100x35-113	SLU_01	89.22	0.21	0.403	SLU_12	-4.83	0.10	0.014
1110	1	R100x35-99	SLU_01	-148.56	0.21	0.671	SLU_12	6.61	0.10	0.020
	2	R100x35-98	SLU_01	77.36	0.21	0.140	SLU_12	6.61	0.10	0.008
	3	R100x35-99	SLU_01	191.93	0.21	0.867	SLU_12	6.61	0.10	0.020
1111	1	R50x35-14	SLU_02	21.42	0.10	0.194	SLU_12	-0.27	0.10	0.002
1112	1	R50x30-21	SLU_02	-28.69	0.10	0.311	SLU_12	-0.45	0.10	0.003
1113	1	R100x35-101	SLU_02	-158.87	0.21	0.718	SLU_12	-3.98	0.10	0.012
	2	R100x35-100	SLU_02	169.00	0.21	0.764	SLU_12	-3.98	0.10	0.011

1114	1	R50x30-19	SLU_12	-7.27	0.10	0.079	SLU_12	0.51	0.10	0.003
1116	1	R50x30-19	SLU_04	6.46	0.10	0.070	SLU_12	1.50	0.10	0.009
1117	1	R70x30-8	SLU_04	43.11	0.16	0.312	SLU_12	2.68	0.08	0.015
1118	1	R100x35-98	SLU_01	106.63	0.21	0.482	SLU_12	-2.15	0.10	0.006
1119	1	R120x35-14	SLU_02	-343.64	0.42	0.777	SLU_12	-1.27	0.21	0.002
	2	R120x35-11	SLU_02	-186.53	0.21	0.337	SLU_12	-1.27	0.10	0.001
	3	R120x35-15	SLU_02	121.56	0.21	0.549	SLU_12	-1.27	0.10	0.003
1120	1	R120x35-19	SLU_02	254.18	0.30	0.798	SLU_12	-7.12	0.15	0.012
	2	R120x35-17	SLU_02	342.33	0.42	0.774	SLU_12	-7.12	0.21	0.009
1121	1	R100x35-98	SLU_02	-92.81	0.21	0.419	SLU_12	-5.69	0.10	0.016
	2	R100x35-99	SLU_12	109.70	0.21	0.496	SLU_12	-5.69	0.10	0.017
1122	1	R100x35-99	SLU_01	-157.29	0.21	0.711	SLU_12	4.22	0.10	0.013
	2	R100x35-98	SLU_01	-116.33	0.21	0.526	SLU_12	4.22	0.10	0.012
1123	1	R100x30-68	SLU_01	-123.38	0.21	0.669	SLU_12	-3.56	0.10	0.011
	2	R100x30-67	SLU_01	126.56	0.21	0.686	SLU_12	-3.56	0.10	0.010
1124	1	R70x30-9	SLU_04	79.94	0.16	0.578	SLU_12	-1.34	0.08	0.007
1125	1	R100x30-67	SLU_01	-127.12	0.21	0.689	SLU_12	3.09	0.10	0.009
	2	R100x30-68	SLU_01	122.75	0.21	0.666	SLU_12	3.09	0.10	0.009
1126	1	R100x30-68	SLU_01	-126.28	0.21	0.685	SLU_12	-2.81	0.10	0.008
	2	R100x30-67	SLU_01	123.33	0.21	0.669	SLU_12	-2.81	0.10	0.008
1128	1	R100x30-67	SLU_01	-123.31	0.21	0.669	SLU_12	2.88	0.10	0.008
	2	R100x30-68	SLU_01	126.24	0.21	0.685	SLU_12	2.88	0.10	0.009
1130	1	R100x35-154	SLU_12	-117.81	0.21	0.532	SLU_12	-3.65	0.10	0.011
	2	R100x35-150	SLU_12	116.17	0.21	0.525	SLU_12	-3.65	0.10	0.010
1131	1	R100x35-150	SLU_03	193.12	0.21	0.873	SLU_12	-0.61	0.10	0.002
1132	1	R100x35-150	SLU_12	-104.23	0.21	0.471	SLU_06	2.01	0.10	0.006
	2	R100x35-154	SLU_12	110.26	0.21	0.498	SLU_06	2.01	0.10	0.006
1133	1	R100x35-152	SLU_03	-283.29	0.31	0.854	SLU_12	3.99	0.16	0.008
	2	R100x35-153	SLU_03	-133.41	0.21	0.241	SLU_12	3.99	0.10	0.005
	3	R100x35-152	SLU_03	280.93	0.31	0.846	SLU_06	2.27	0.16	0.005
1134	1	R100x35-152	SLU_03	-281.69	0.31	0.849	SLU_12	-2.02	0.16	0.004
	2	R100x35-153	SLU_03	132.55	0.21	0.240	SLU_12	-2.80	0.10	0.003
	3	R100x35-152	SLU_03	282.44	0.31	0.851	SLU_12	-2.80	0.16	0.006
1135	1	R100x35-154	SLU_12	-103.67	0.21	0.469	SLU_12	-1.39	0.10	0.004
	2	R100x35-150	SLU_12	113.76	0.21	0.514	SLU_12	-1.39	0.10	0.004
1136	1	R100x35-150	SLU_03	194.47	0.21	0.879	SLU_12	0.81	0.10	0.002
1137	1	R100x35-150	SLU_12	-105.92	0.21	0.479	SLU_12	3.85	0.10	0.011
	2	R100x35-154	SLU_12	128.42	0.21	0.580	SLU_12	3.85	0.10	0.012
1140	1	R100x35-125	SLU_12	-140.50	0.21	0.635	SLU_12	-13.15	0.10	0.039
	2	R100x35-119	SLU_12	128.89	0.21	0.582	SLU_12	-13.15	0.10	0.038
1141	1	R100x30-71	SLU_03	-216.99	0.31	0.785	SLU_12	-3.70	0.16	0.007
	2	R100x30-72	SLU_03	-75.73	0.21	0.164	SLU_12	-3.70	0.10	0.004
	3	R100x30-71	SLU_03	216.27	0.31	0.782	SLU_12	-3.70	0.16	0.007
1142	1	R100x35-123	SLU_12	-117.57	0.21	0.531	SLU_12	7.57	0.10	0.022
	2	R100x35-142	SLU_03	127.74	0.21	0.577	SLU_12	7.57	0.10	0.023
1143	1	R100x35-143	SLU_03	-321.10	0.42	0.726	SLU_12	4.10	0.21	0.006
	2	R100x35-122	SLU_03	-151.59	0.21	0.274	SLU_12	4.10	0.10	0.005
	3	R100x35-143	SLU_03	317.89	0.42	0.718	SLU_12	-2.48	0.21	0.004
1	R100x35-142	SLU_03	-189.77	0.21	0.858	SLU_12	14.01	0.10	0.042	

1144	2	R100x35-123	SLU_03	100.72	0.21	0.182	SLU_12	14.01	0.10	0.016
	3	R100x35-144	SLU_03	241.98	0.31	0.729	SLU_12	14.01	0.16	0.027
	1	R100x35-146	SLU_03	-244.01	0.31	0.735	SLU_12	-13.76	0.16	0.026
1146	2	R100x35-123	SLU_03	-102.75	0.21	0.186	SLU_12	-13.76	0.10	0.016
	3	R100x35-142	SLU_03	187.60	0.21	0.848	SLU_12	-13.76	0.10	0.041
	1	R100x35-143	SLU_03	-318.67	0.42	0.720	SLU_12	2.43	0.21	0.004
1147	2	R100x35-122	SLU_03	150.71	0.21	0.272	SLU_12	-3.62	0.10	0.004
	3	R100x35-143	SLU_03	320.22	0.42	0.724	SLU_12	-3.62	0.21	0.005
	1	R100x35-142	SLU_03	-116.48	0.21	0.526	SLU_12	-6.98	0.10	0.021
1148	2	R100x35-123	SLU_12	126.86	0.21	0.573	SLU_12	-6.98	0.10	0.020
1149	1	R100x35-147	SLU_03	220.51	0.23	0.923	SLU_12	3.93	0.11	0.010
	1	R100x35-123	SLU_12	-114.46	0.21	0.517	SLU_12	12.97	0.10	0.037
1150	2	R100x35-125	SLU_12	151.94	0.21	0.687	SLU_12	12.97	0.10	0.039
	1	R100x35-126	SLU_12	-159.14	0.21	0.719	SLU_12	-18.09	0.10	0.054
1152	2	R100x35-119	SLU_12	132.42	0.21	0.598	SLU_12	-18.09	0.10	0.052
	1	R100x35-129	SLU_03	-248.07	0.31	0.747	SLU_12	-3.96	0.16	0.008
1153	2	R100x35-119	SLU_03	-91.53	0.21	0.165	SLU_12	-3.96	0.10	0.005
	3	R100x35-129	SLU_03	249.49	0.31	0.752	SLU_12	-3.96	0.16	0.008
	1	R100x35-119	SLU_12	-151.04	0.21	0.683	SLU_12	14.81	0.10	0.042
1154	2	R100x35-125	SLU_12	151.09	0.21	0.683	SLU_12	14.81	0.10	0.044
	1	R100x35-120	SLU_03	-284.59	0.31	0.857	SLU_12	7.14	0.16	0.014
1156	2	R100x35-119	SLU_03	-101.20	0.21	0.183	SLU_12	7.14	0.10	0.008
	3	R100x35-129	SLU_03	274.94	0.31	0.828	SLU_12	7.14	0.16	0.014
	1	R100x35-119	SLU_03	-180.53	0.21	0.816	SLU_12	-5.16	0.10	0.015
1157	2	R100x35-118	SLU_03	270.61	0.31	0.815	SLU_12	-5.16	0.16	0.010
	1	R100x35-118	SLU_03	-270.71	0.31	0.816	SLU_12	5.08	0.16	0.010
1158	2	R100x35-119	SLU_03	180.06	0.21	0.814	SLU_12	5.08	0.10	0.015
	1	R100x35-129	SLU_03	-275.61	0.31	0.830	SLU_12	-7.24	0.16	0.014
1159	2	R100x35-119	SLU_03	100.23	0.21	0.181	SLU_12	-7.24	0.10	0.008
	3	R100x35-120	SLU_03	283.62	0.31	0.855	SLU_12	-7.24	0.16	0.014
	1	R100x35-125	SLU_12	-148.87	0.21	0.673	SLU_12	-14.59	0.10	0.044
1160	2	R100x35-119	SLU_12	151.42	0.21	0.684	SLU_12	-14.59	0.10	0.042
	1	R100x35-129	SLU_03	-249.37	0.31	0.751	SLU_12	3.91	0.16	0.007
1161	2	R100x35-119	SLU_03	91.47	0.21	0.165	SLU_12	3.91	0.10	0.004
	3	R100x35-129	SLU_03	248.01	0.31	0.747	SLU_12	3.91	0.16	0.007
1163	1	R50x35-15	SLU_12	16.59	0.10	0.150	SLU_12	3.64	0.10	0.022
1165	1	R50x35-15	SLU_12	14.67	0.10	0.133	SLU_12	2.70	0.10	0.016
1167	1	R50x35-15	SLU_12	11.14	0.10	0.101	SLU_12	1.73	0.10	0.010
1169	1	R50x35-15	SLU_12	10.18	0.10	0.092	SLU_12	1.27	0.10	0.008
1171	1	R50x35-15	SLU_12	-10.47	0.10	0.095	SLU_12	-2.35	0.10	0.014
	1	R50x35-18	SLU_12	-35.15	0.10	0.318	SLU_12	-0.65	0.10	0.004
1172	2	R50x35-15	SLU_12	-35.15	0.10	0.127	SLU_12	-0.65	0.10	0.002
	3	R50x35-19	SLU_12	-35.15	0.10	0.318	SLU_12	-0.65	0.10	0.004
	1	R50x35-18	SLU_12	-35.07	0.10	0.317	SLU_12	0.74	0.10	0.004
1173	2	R50x35-15	SLU_12	-35.07	0.10	0.127	SLU_12	0.74	0.10	0.002
	3	R50x35-19	SLU_12	-35.07	0.10	0.317	SLU_12	0.74	0.10	0.004
1175	1	R50x35-15	SLU_12	-10.64	0.10	0.096	SLU_12	2.38	0.10	0.014
1177	1	R50x35-15	SLU_12	11.96	0.10	0.108	SLU_12	-1.27	0.10	0.008
1179	1	R50x35-15	SLU_12	11.35	0.10	0.103	SLU_12	-1.78	0.10	0.011

1181	1	R50x35-15	SLU_12	14.24	0.10	0.129	SLU_12	-2.63	0.10	0.016
1183	1	R50x35-15	SLU_12	15.33	0.10	0.139	SLU_12	-3.58	0.10	0.022
1186	1	R50x35-15	SLU_12	-12.90	0.10	0.117	SLU_12	1.02	0.10	0.006
1187	1	R50x35-15	SLU_12	-12.25	0.10	0.111	SLU_12	-0.68	0.10	0.004
1188	1	R50x35-15	SLU_12	-9.47	0.10	0.086	SLU_12	-0.53	0.10	0.003
1189	1	R50x35-15	SLU_12	-9.12	0.10	0.082	SLU_12	-0.22	0.10	0.001
1190	1	R50x35-15	SLU_12	-7.28	0.10	0.066	SLU_12	0.00	0.10	0.000
1191	1	R50x35-15	SLU_12	-9.18	0.10	0.083	SLU_12	0.22	0.10	0.001
1192	1	R50x35-15	SLU_12	-9.40	0.10	0.085	SLU_12	0.53	0.10	0.003
1193	1	R50x35-15	SLU_12	-12.08	0.10	0.109	SLU_12	0.67	0.10	0.004
1194	1	R50x35-15	SLU_12	-12.46	0.10	0.113	SLU_12	-1.04	0.10	0.006
1195	1	R50x35-15	SLU_04	-23.20	0.10	0.210	SLU_12	5.56	0.10	0.033
1196	1	R50x35-15	SLU_04	-19.90	0.10	0.180	SLU_12	2.64	0.10	0.016
1197	1	R50x35-15	SLU_04	-19.96	0.10	0.180	SLU_12	1.84	0.10	0.011
1198	1	R50x35-15	SLU_04	-19.73	0.10	0.178	SLU_12	-1.19	0.10	0.007
1199	1	R50x35-15	SLU_12	-20.45	0.10	0.185	SLU_12	-0.99	0.10	0.006
1200	1	R50x35-15	SLU_12	-23.66	0.10	0.214	SLU_12	-1.04	0.10	0.006
1201	1	R50x35-15	SLU_12	-24.14	0.10	0.218	SLU_12	0.77	0.10	0.005
1202	1	R50x35-15	SLU_04	-21.77	0.10	0.197	SLU_12	0.87	0.10	0.005
1203	1	R50x35-15	SLU_04	-20.71	0.10	0.187	SLU_12	1.12	0.10	0.007
1204	1	R50x35-15	SLU_04	-19.55	0.10	0.177	SLU_12	-1.93	0.10	0.012
1205	1	R50x35-15	SLU_04	-18.71	0.10	0.169	SLU_12	-2.72	0.10	0.016
1206	1	R50x35-15	SLU_04	-20.90	0.10	0.189	SLU_12	-5.68	0.10	0.034
1207	1	R50x80-97	SLU_12	122.57	0.09	0.513	SLU_12	17.58	0.09	0.113
	2	R50x80-98	SLU_12	122.57	0.09	0.513	SLU_12	17.58	0.09	0.113
1208	1	R50x80-99	SLU_12	154.38	0.09	0.646	SLU_12	15.26	0.09	0.093
	2	R50x80-91	SLU_12	154.38	0.09	0.646	SLU_12	15.26	0.09	0.093
	3	R50x80-100	SLU_12	154.38	0.09	0.646	SLU_12	15.26	0.09	0.093
1209	1	R50x80-101	SLU_12	184.61	0.09	0.772	SLU_12	-13.19	0.09	0.080
	2	R50x80-102	SLU_12	184.61	0.09	0.772	SLU_12	-13.19	0.09	0.080
1210	1	R50x80-77	SLU_12	209.60	0.09	0.877	SLU_12	-11.07	0.09	0.067
	2	R50x80-78	SLU_12	209.60	0.09	0.877	SLU_12	-11.07	0.09	0.067
	3	R50x80-79	SLU_12	209.60	0.09	0.877	SLU_12	-11.07	0.09	0.069
1211	1	R50x80-77	SLU_12	226.18	0.09	0.946	SLU_12	-9.50	0.09	0.057
	2	R50x80-78	SLU_12	226.18	0.09	0.946	SLU_12	-9.50	0.09	0.057
	3	R50x80-79	SLU_12	226.18	0.09	0.946	SLU_12	-9.50	0.09	0.058
1212	1	R50x80-77	SLU_12	229.08	0.09	0.959	SLU_12	-5.08	0.09	0.030
	2	R50x80-78	SLU_12	229.08	0.09	0.959	SLU_12	-5.08	0.09	0.030
	3	R50x80-79	SLU_12	229.08	0.09	0.959	SLU_12	-5.08	0.09	0.031
1213	1	R50x80-57	SLU_12	87.92	0.09	0.368	SLU_07	0.18	0.09	0.001
	2	R50x80-58	SLU_12	87.92	0.09	0.368	SLU_07	0.18	0.09	0.001
1214	1	R50x80-77	SLU_12	230.28	0.09	0.964	SLU_12	5.33	0.09	0.032
	2	R50x80-78	SLU_12	230.28	0.09	0.964	SLU_12	5.33	0.09	0.032
	3	R50x80-79	SLU_12	230.28	0.09	0.964	SLU_12	5.33	0.09	0.033
1215	1	R50x80-77	SLU_12	227.86	0.09	0.953	SLU_12	9.74	0.09	0.058
	2	R50x80-78	SLU_12	227.86	0.09	0.953	SLU_12	9.74	0.09	0.058
	3	R50x80-79	SLU_12	227.86	0.09	0.953	SLU_12	9.74	0.09	0.060
1216	1	R50x80-77	SLU_12	209.84	0.09	0.878	SLU_12	11.26	0.09	0.068
	2	R50x80-78	SLU_12	209.84	0.09	0.878	SLU_12	11.26	0.09	0.068

	3	R50x80-79	SLU_12	209.84	0.09	0.878	SLU_12	11.26	0.09	0.070
1217	1	R50x80-75	SLU_12	184.78	0.09	0.773	SLU_12	13.51	0.09	0.082
	2	R50x80-76	SLU_12	184.78	0.09	0.773	SLU_12	13.51	0.09	0.082
	1	R50x80-72	SLU_12	153.87	0.09	0.644	SLU_12	-14.99	0.09	0.092
1218	2	R50x80-73	SLU_12	153.87	0.09	0.644	SLU_12	-14.99	0.09	0.092
	3	R50x80-103	SLU_12	153.87	0.09	0.644	SLU_12	-14.99	0.09	0.092
	1	R50x80-97	SLU_12	116.24	0.09	0.486	SLU_12	-17.20	0.09	0.111
1219	2	R50x80-98	SLU_12	116.24	0.09	0.486	SLU_12	-17.20	0.09	0.111
	1	R70x30-8	SLU_04	-53.82	0.16	0.389	SLU_12	0.66	0.08	0.004
1221	1	R50x35-15	SLU_03	26.81	0.10	0.242	SLU_12	2.35	0.10	0.014
1222	1	R50x35-14	SLU_03	4.80	0.10	0.043	SLU_12	-0.35	0.10	0.002
1223	1	R50x35-14	SLU_03	4.85	0.10	0.044	SLU_12	0.34	0.10	0.002
1224	1	R50x35-15	SLU_03	27.88	0.10	0.252	SLU_12	-2.34	0.10	0.014
1228	1	R50x35-15	SLU_12	-7.76	0.10	0.070	SLU_12	-1.25	0.10	0.008
1229	1	R50x35-15	SLU_12	-7.86	0.10	0.071	SLU_12	0.98	0.10	0.006
1230	1	R50x35-20	SLU_12	-4.90	0.10	0.044	SLU_12	-7.13	0.10	0.043
	2	R50x35-19	SLU_12	-4.90	0.10	0.018	SLU_12	-7.13	0.10	0.017
	3	R50x35-20	SLU_12	-4.90	0.10	0.044	SLU_12	-7.13	0.10	0.043
1231	1	R50x35-21	SLU_12	-6.50	0.10	0.059	SLU_12	8.91	0.10	0.054
	2	R50x35-17	SLU_12	-6.50	0.10	0.024	SLU_12	8.91	0.10	0.021
	3	R50x35-21	SLU_12	-6.50	0.10	0.059	SLU_12	8.91	0.10	0.054
1232	1	R50x35-21	SLU_12	-6.25	0.10	0.056	SLU_12	-9.07	0.10	0.055
	2	R50x35-14	SLU_12	-6.25	0.10	0.023	SLU_12	-9.07	0.10	0.022
	3	R50x35-21	SLU_12	-6.25	0.10	0.056	SLU_12	-9.07	0.10	0.055
1233	1	R50x35-20	SLU_12	-4.70	0.10	0.042	SLU_12	7.04	0.10	0.042
	2	R50x35-15	SLU_12	-4.70	0.10	0.017	SLU_12	7.04	0.10	0.017
	3	R50x35-20	SLU_12	-4.70	0.10	0.042	SLU_12	7.04	0.10	0.042
1234	1	R50x35-20	SLU_03	-12.20	0.10	0.110	SLU_12	3.07	0.10	0.018
	2	R50x35-15	SLU_03	-12.20	0.10	0.044	SLU_12	3.07	0.10	0.007
	3	R50x35-20	SLU_03	-12.20	0.10	0.110	SLU_12	3.07	0.10	0.018
1235	1	R50x35-20	SLU_03	-12.65	0.10	0.114	SLU_12	-3.05	0.10	0.018
	2	R50x35-15	SLU_03	-12.65	0.10	0.046	SLU_12	-3.05	0.10	0.007
	3	R50x35-20	SLU_03	-12.65	0.10	0.114	SLU_12	-3.05	0.10	0.018
1236	1	R50x50-3	SLU_12	-93.64	0.09	0.653	SLU_12	-5.38	0.09	0.038
1237	1	R50x50-3	SLU_12	-51.86	0.09	0.362	SLU_12	-4.07	0.09	0.028
1238	1	R50x50-3	SLU_12	50.39	0.09	0.351	SLU_12	4.05	0.09	0.028
1239	1	R50x50-3	SLU_12	93.81	0.09	0.654	SLU_12	5.33	0.09	0.037
1240	1	R50x80-65	SLU_03	139.24	0.09	0.583	SLU_12	-7.44	0.09	0.051
1242	1	R50x80-65	SLU_03	-125.89	0.09	0.527	SLU_12	-3.46	0.09	0.024
	2	R50x80-67	SLU_12	-54.56	0.09	0.228	SLU_12	-3.46	0.09	0.024
	3	R50x80-65	SLU_03	115.23	0.09	0.482	SLU_12	-3.46	0.09	0.024
1244	1	R50x80-57	SLU_03	-133.11	0.09	0.557	SLU_12	2.95	0.09	0.021
	2	R50x80-56	SLU_03	61.71	0.09	0.258	SLU_12	2.95	0.09	0.021
	3	R50x80-57	SLU_03	158.53	0.09	0.663	SLU_12	2.95	0.09	0.021
1245	1	R50x80-104	SLU_03	-201.83	0.09	0.845	SLU_12	2.10	0.09	0.015
1246	1	R50x80-104	SLU_03	207.02	0.09	0.866	SLU_12	0.11	0.09	0.001
	2	R50x80-105	SLU_03	277.43	0.11	0.929	SLU_12	0.11	0.11	0.001
1247	1	R50x80-105	SLU_03	-278.14	0.11	0.931	SLU_12	-0.18	0.11	0.001
	2	R50x80-104	SLU_03	-207.74	0.09	0.869	SLU_12	-0.18	0.09	0.001

1248	1	R50x80-104	SLU_03	201.98	0.09	0.845	SLU_12	-2.11	0.09	0.015
	1	R50x80-106	SLU_03	-157.39	0.09	0.659	SLU_12	-2.98	0.09	0.021
1249	2	R50x80-107	SLU_03	-60.57	0.09	0.253	SLU_12	-2.98	0.09	0.021
	3	R50x80-106	SLU_03	134.12	0.09	0.561	SLU_12	-2.98	0.09	0.021
	1	R50x80-65	SLU_03	-115.13	0.09	0.482	SLU_12	3.42	0.09	0.024
1251	2	R50x80-67	SLU_12	54.44	0.09	0.228	SLU_12	3.42	0.09	0.024
	3	R50x80-65	SLU_03	125.83	0.09	0.527	SLU_12	3.42	0.09	0.024
1253	1	R50x80-65	SLU_03	-139.08	0.09	0.582	SLU_12	7.31	0.09	0.050
1254	1	R100x35-150	SLU_03	-214.73	0.21	0.970	SLU_12	-6.09	0.10	0.017
	2	R100x35-151	SLU_03	185.94	0.21	0.840	SLU_12	-6.09	0.10	0.019
	1	R100x35-118	SLU_03	-296.40	0.31	0.893	SLU_12	-21.87	0.16	0.042
1255	2	R100x35-119	SLU_12	-115.88	0.21	0.209	SLU_12	-21.87	0.10	0.025
	3	R100x35-120	SLU_03	256.75	0.31	0.774	SLU_12	-21.87	0.16	0.044
1256	1	R80x35-14	SLU_03	122.34	0.16	0.737	SLU_12	-10.73	0.08	0.052
1257	1	R80x35-14	SLU_03	-121.62	0.16	0.733	SLU_12	10.67	0.08	0.051
1258	1	R100x35-154	SLU_03	-187.37	0.21	0.847	SLU_12	6.38	0.10	0.020
	2	R100x35-150	SLU_03	212.18	0.21	0.959	SLU_12	6.38	0.10	0.018
	1	R100x35-120	SLU_03	-259.06	0.31	0.781	SLU_12	21.87	0.16	0.044
1259	2	R100x35-123	SLU_12	112.92	0.21	0.204	SLU_12	21.87	0.10	0.025
	3	R100x35-146	SLU_03	292.98	0.31	0.883	SLU_12	21.87	0.16	0.042
1260	1	R50x35-15	SLU_03	30.77	0.10	0.278	SLU_12	-0.01	0.10	0.000
1261	1	R50x30-19	SLU_03	-35.29	0.10	0.383	SLU_12	-0.12	0.10	0.001
1262	1	R100x35-154	SLU_03	-175.31	0.21	0.792	SLU_12	8.14	0.10	0.025
	2	R100x35-150	SLU_03	200.26	0.21	0.905	SLU_12	8.14	0.10	0.023
1263	1	R100x35-150	SLU_03	-200.97	0.21	0.908	SLU_12	-7.55	0.10	0.022
	2	R100x35-151	SLU_03	174.36	0.21	0.788	SLU_12	-7.55	0.10	0.024
1264	1	R100x35-119	SLU_03	188.78	0.21	0.853	SLU_12	13.84	0.10	0.040
1265	1	R100x35-121	SLU_03	-398.82	0.42	0.901	SLU_12	-6.02	0.21	0.009
	2	R100x35-122	SLU_03	-217.53	0.21	0.983	SLU_12	-6.02	0.10	0.017
1266	1	R100x35-78	SLU_03	296.74	0.30	0.931	SLU_12	6.89	0.15	0.014
	2	R100x35-124	SLU_03	399.08	0.42	0.902	SLU_12	6.89	0.21	0.010
1267	1	R100x35-119	SLU_12	-125.27	0.21	0.566	SLU_12	17.99	0.10	0.051
	2	R100x35-126	SLU_12	164.78	0.21	0.745	SLU_12	17.99	0.10	0.054
1268	1	R100x35-132	SLU_03	-276.85	0.31	0.834	SLU_12	-22.34	0.16	0.044
	2	R100x35-119	SLU_03	-205.66	0.21	0.929	SLU_12	-22.34	0.10	0.064
1270	1	R70x30-10	SLU_04	73.37	0.16	0.531	SLU_12	0.48	0.08	0.003
1271	1	R70x30-10	SLU_04	-75.03	0.16	0.543	SLU_12	-1.33	0.08	0.007
	2	R70x30-11	SLU_04	73.70	0.16	0.533	SLU_12	-1.33	0.08	0.008
1273	1	R70x30-11	SLU_04	-73.52	0.16	0.532	SLU_12	1.33	0.08	0.008
	2	R70x30-10	SLU_04	75.09	0.16	0.543	SLU_12	1.33	0.08	0.007
1274	1	R70x30-8	SLU_04	-72.96	0.16	0.528	SLU_12	-0.49	0.08	0.003
1276	1	R70x30-8	SLU_04	54.00	0.16	0.390	SLU_12	-0.66	0.08	0.004
1278	1	R70x30-9	SLU_04	-80.15	0.16	0.580	SLU_12	1.30	0.08	0.007
1279	1	R70x30-8	SLU_04	-42.95	0.16	0.311	SLU_12	-2.75	0.08	0.015
1280	1	R50x30-19	SLU_04	-55.39	0.10	0.601	SLU_12	3.21	0.10	0.019
1281	1	R50x30-19	SLU_04	-54.88	0.10	0.595	SLU_12	-3.29	0.10	0.020
	1	R80x30-18	SLU_04	-131.65	0.16	0.952	SLU_12	8.22	0.08	0.042
1282	2	R80x30-17	SLU_12	-60.70	0.16	0.176	SLU_12	8.22	0.08	0.016
	3	R80x30-18	SLU_04	88.70	0.16	0.641	SLU_12	8.22	0.08	0.042

1284	1	R80x35-14	SLU_12	8.47	0.16	0.051	SLU_12	-11.59	0.08	0.056
1285	1	R80x30-18	SLU_04	-53.05	0.16	0.384	SLU_12	3.53	0.08	0.018
	2	R80x30-17	SLU_04	53.00	0.16	0.383	SLU_12	3.53	0.08	0.017
1286	1	R80x30-17	SLU_04	107.21	0.16	0.775	SLU_12	1.68	0.08	0.008
1287	1	R80x30-17	SLU_04	-51.25	0.16	0.371	SLU_12	4.80	0.08	0.023
	2	R80x30-18	SLU_04	54.17	0.16	0.392	SLU_12	4.80	0.08	0.024
1289	1	R80x30-18	SLU_04	-84.68	0.16	0.612	SLU_12	-5.05	0.08	0.026
	2	R80x30-17	SLU_04	127.44	0.16	0.921	SLU_12	-5.05	0.08	0.024
1291	1	R80x35-14	SLU_12	8.76	0.16	0.053	SLU_12	11.89	0.08	0.057
1292	1	R80x30-17	SLU_04	-127.12	0.16	0.919	SLU_12	5.07	0.08	0.024
	2	R80x30-18	SLU_04	84.72	0.16	0.613	SLU_12	5.07	0.08	0.026
1293	1	R50x35-22	SLU_06	84.19	0.16	0.507	SLU_12	-5.01	0.16	0.021
	2	R50x35-23	SLU_06	84.19	0.10	0.304	SLU_12	-5.01	0.10	0.012
	3	R50x35-39	SLU_06	84.19	0.16	0.507	SLU_12	-5.01	0.16	0.020
1294	1	R50x35-19	SLU_06	33.86	0.10	0.306	SLU_12	1.30	0.10	0.008
	2	R50x35-15	SLU_06	33.86	0.10	0.122	SLU_12	1.30	0.10	0.003
	3	R50x35-18	SLU_06	33.86	0.10	0.306	SLU_12	1.30	0.10	0.008
1307	1	R80x80-19	SLU_04	-414.82	0.18	0.868	SLU_12	30.89	0.09	0.129
	2	R80x80-20	SLU_04	-414.82	0.18	0.868	SLU_12	30.89	0.09	0.138
1308	1	R80x80-21	SLU_04	940.22	0.42	0.850	SLU_12	15.49	0.21	0.030
	2	R80x80-22	SLU_04	940.22	0.42	0.850	SLU_12	15.49	0.21	0.028
	3	R80x80-23	SLU_04	940.22	0.42	0.850	SLU_12	15.49	0.21	0.030
1309	1	R50x35-15	SLU_12	24.29	0.10	0.220	SLU_12	4.96	0.10	0.030
1310	1	R50x35-15	SLU_12	24.33	0.10	0.220	SLU_12	3.53	0.10	0.021
1311	1	R60x80-44	SLU_04	-226.15	0.10	0.818	SLU_12	6.38	0.05	0.036
1312	1	R50x35-15	SLU_12	24.43	0.10	0.221	SLU_12	-3.04	0.10	0.018
1313	1	R60x80-44	SLU_04	-260.09	0.10	0.940	SLU_12	6.84	0.05	0.039
	2	R60x80-49	SLU_04	-260.09	0.10	0.940	SLU_12	6.84	0.05	0.040
1314	1	R50x35-15	SLU_12	22.03	0.10	0.199	SLU_12	-2.89	0.10	0.017
1315	1	R50x35-15	SLU_12	20.69	0.10	0.187	SLU_12	-1.45	0.10	0.009
1316	1	R40x35-2	SLU_12	-20.51	0.08	0.247	SLU_12	-2.55	0.08	0.026
1317	1	R40x35-2	SLU_12	-20.64	0.08	0.249	SLU_12	2.53	0.08	0.026
1318	1	R50x35-15	SLU_12	20.55	0.10	0.186	SLU_12	1.47	0.10	0.009
1319	1	R50x35-15	SLU_12	23.69	0.10	0.214	SLU_12	2.92	0.10	0.018
1320	1	R50x35-15	SLU_12	25.04	0.10	0.226	SLU_12	3.03	0.10	0.018
1321	1	R50x35-15	SLU_12	23.71	0.10	0.214	SLU_12	-3.48	0.10	0.021
1322	1	R50x35-15	SLU_12	22.90	0.10	0.207	SLU_12	-4.86	0.10	0.029
1323	1	R80x80-19	SLU_04	-416.58	0.18	0.872	SLU_12	-30.99	0.09	0.130
	2	R80x80-20	SLU_04	-416.58	0.18	0.872	SLU_12	-30.99	0.09	0.139
1324	1	R80x80-21	SLU_04	930.05	0.42	0.841	SLU_12	-13.49	0.21	0.026
	2	R80x80-22	SLU_04	930.05	0.42	0.841	SLU_12	-13.49	0.21	0.024
	3	R80x80-23	SLU_04	930.05	0.42	0.841	SLU_12	-13.49	0.21	0.026
1325	1	R50x35-19	SLU_06	33.92	0.10	0.307	SLU_12	-1.45	0.10	0.009
	2	R50x35-15	SLU_06	33.92	0.10	0.123	SLU_12	-1.45	0.10	0.003
	3	R50x35-18	SLU_06	33.92	0.10	0.307	SLU_12	-1.45	0.10	0.009
1327	1	R50x35-30	SLU_06	83.95	0.11	0.703	SLU_12	5.00	0.11	0.029
	2	R50x35-31	SLU_06	83.95	0.11	0.281	SLU_12	5.00	0.11	0.011
	3	R50x35-32	SLU_06	83.95	0.11	0.703	SLU_12	5.00	0.11	0.029
	1	R50x35-34	SLU_12	80.32	0.10	0.726	SLU_12	3.33	0.10	0.020

1328	2	R50x35-35	SLU_12	80.32	0.10	0.290	SLU_12	3.33	0.10	0.008
	3	R50x35-36	SLU_12	80.32	0.10	0.726	SLU_12	3.33	0.10	0.020
1329	1	R60x80-45	SLU_04	463.73	0.21	0.838	SLU_12	-2.26	0.10	0.012
	2	R60x80-46	SLU_04	463.73	0.21	0.838	SLU_12	-2.26	0.10	0.011
	3	R60x80-47	SLU_04	463.73	0.21	0.838	SLU_12	-2.26	0.10	0.012
1330	1	R60x80-45	SLU_04	516.63	0.21	0.934	SLU_12	-5.34	0.10	0.027
	2	R60x80-46	SLU_04	516.63	0.21	0.934	SLU_12	-5.34	0.10	0.026
	3	R60x80-47	SLU_04	516.63	0.21	0.934	SLU_12	-5.34	0.10	0.027
1331	1	R60x80-61	SLU_04	-218.37	0.10	0.790	SLU_12	4.58	0.05	0.026
	2	R60x80-62	SLU_04	-218.37	0.10	0.790	SLU_12	4.58	0.05	0.027
1332	1	R60x80-63	SLU_04	666.64	0.30	0.837	SLU_12	-10.58	0.15	0.037
	2	R60x80-64	SLU_04	666.64	0.30	0.837	SLU_12	-10.58	0.15	0.036
	3	R60x80-65	SLU_04	666.64	0.30	0.837	SLU_12	-10.58	0.15	0.037
1333	1	R60x80-50	SLU_04	-376.81	0.15	0.946	SLU_12	8.49	0.08	0.048
	2	R60x80-51	SLU_04	-376.81	0.15	0.946	SLU_12	8.49	0.08	0.048
	3	R60x80-52	SLU_04	-376.81	0.15	0.954	SLU_12	8.49	0.08	0.049
1334	1	R80x30-18	SLU_04	-52.01	0.16	0.376	SLU_12	-4.87	0.08	0.025
	2	R80x30-17	SLU_04	53.79	0.16	0.389	SLU_12	-4.87	0.08	0.023
1335	1	R80x80-24	SLU_04	-292.07	0.15	0.733	SLU_12	-6.23	0.08	0.032
	2	R80x80-25	SLU_04	-292.07	0.15	0.733	SLU_12	-6.23	0.08	0.032
	3	R80x80-26	SLU_04	-292.07	0.15	0.733	SLU_12	-6.23	0.08	0.032
1336	1	R80x30-17	SLU_04	107.93	0.16	0.780	SLU_12	-1.71	0.08	0.008
1337	1	R80x80-27	SLU_04	691.77	0.30	0.868	SLU_12	2.97	0.15	0.008
	2	R80x80-28	SLU_04	691.77	0.30	0.868	SLU_12	2.97	0.15	0.008
	3	R80x80-29	SLU_04	691.77	0.30	0.868	SLU_12	2.97	0.15	0.008
1338	1	R60x80-50	SLU_04	-376.93	0.15	0.946	SLU_12	-8.44	0.08	0.048
	2	R60x80-51	SLU_04	-376.93	0.15	0.946	SLU_12	-8.44	0.08	0.048
	3	R60x80-52	SLU_04	-376.93	0.15	0.954	SLU_12	-8.44	0.08	0.049
1339	1	R80x30-17	SLU_04	-47.30	0.16	0.342	SLU_12	-3.60	0.08	0.017
	2	R80x30-18	SLU_04	58.98	0.16	0.426	SLU_12	-3.60	0.08	0.018
1340	1	R80x80-24	SLU_04	-291.00	0.15	0.731	SLU_12	5.99	0.08	0.030
	2	R80x80-25	SLU_04	-291.00	0.15	0.731	SLU_12	5.99	0.08	0.030
	3	R80x80-26	SLU_04	-291.00	0.15	0.731	SLU_12	5.99	0.08	0.030
1341	1	R80x80-27	SLU_04	692.27	0.30	0.869	SLU_12	2.94	0.15	0.008
	2	R80x80-28	SLU_04	692.27	0.30	0.869	SLU_12	2.94	0.15	0.008
	3	R80x80-29	SLU_04	692.27	0.30	0.869	SLU_12	2.94	0.15	0.008
1342	1	R60x80-61	SLU_04	-218.12	0.10	0.789	SLU_12	-4.72	0.05	0.027
	2	R60x80-62	SLU_04	-218.12	0.10	0.789	SLU_12	-4.72	0.05	0.027
1343	1	R60x80-63	SLU_04	667.14	0.30	0.837	SLU_12	10.89	0.15	0.038
	2	R60x80-64	SLU_04	667.14	0.30	0.837	SLU_12	10.89	0.15	0.037
	3	R60x80-65	SLU_04	667.14	0.30	0.837	SLU_12	10.89	0.15	0.038
1344	1	R60x80-44	SLU_04	-259.14	0.10	0.937	SLU_12	-7.00	0.05	0.040
	2	R60x80-49	SLU_04	-259.14	0.10	0.937	SLU_12	-7.00	0.05	0.041
1345	1	R60x80-45	SLU_04	516.75	0.21	0.934	SLU_12	5.75	0.10	0.030
	2	R60x80-46	SLU_04	516.75	0.21	0.934	SLU_12	5.75	0.10	0.028
	3	R60x80-47	SLU_04	516.75	0.21	0.934	SLU_12	5.75	0.10	0.030
1346	1	R60x80-44	SLU_04	-225.24	0.10	0.814	SLU_12	-6.19	0.05	0.035
1347	1	R60x80-45	SLU_04	465.04	0.21	0.841	SLU_12	2.19	0.10	0.011
	2	R60x80-46	SLU_04	465.04	0.21	0.841	SLU_12	2.19	0.10	0.011

	3	R60x80-47	SLU_04	465.04	0.21	0.841	SLU_12	2.19	0.10	0.011
	1	R50x35-34	SLU_12	80.67	0.10	0.729	SLU_12	-3.17	0.10	0.019
1348	2	R50x35-35	SLU_12	80.67	0.10	0.292	SLU_12	-3.17	0.10	0.008
	3	R50x35-36	SLU_12	80.67	0.10	0.729	SLU_12	-3.17	0.10	0.019
1349	1	R80x35-19	SLU_12	-150.58	0.16	0.907	SLU_12	13.83	0.08	0.067
	1	R80x35-22	SLU_12	-97.43	0.16	0.587	SLU_12	-12.45	0.08	0.062
1351	2	R80x35-19	SLU_12	92.70	0.16	0.559	SLU_12	-12.45	0.08	0.060
1352	1	R80x35-19	SLU_04	116.07	0.16	0.699	SLU_12	-3.98	0.08	0.019
	1	R80x35-19	SLU_12	-77.62	0.16	0.468	SLU_12	-6.41	0.08	0.031
1353	2	R80x35-22	SLU_12	85.39	0.16	0.515	SLU_12	-6.41	0.08	0.032
	1	R80x35-22	SLU_04	-85.33	0.16	0.514	SLU_12	2.22	0.08	0.011
1355	2	R80x35-19	SLU_04	133.75	0.16	0.806	SLU_12	2.22	0.08	0.011
	1	R80x35-15	SLU_04	-133.43	0.16	0.804	SLU_12	-2.37	0.08	0.011
1356	2	R80x35-16	SLU_04	85.70	0.16	0.516	SLU_12	-2.37	0.08	0.012
	1	R80x35-16	SLU_12	-81.30	0.16	0.490	SLU_12	-6.35	0.08	0.032
1358	2	R80x35-15	SLU_12	82.71	0.16	0.498	SLU_12	-6.35	0.08	0.031
1359	1	R80x35-15	SLU_04	116.79	0.16	0.704	SLU_12	3.91	0.08	0.019
	1	R80x35-15	SLU_12	-85.96	0.16	0.518	SLU_12	12.36	0.08	0.060
1360	2	R80x35-16	SLU_12	103.87	0.16	0.626	SLU_12	12.36	0.08	0.062
1362	1	R80x35-15	SLU_12	148.65	0.16	0.896	SLU_12	-13.74	0.08	0.066
1364	1	R80x35-13	SLU_04	85.02	0.16	0.512	SLU_12	6.50	0.08	0.031
	1	R100x35-64	SLU_04	-197.09	0.21	0.891	SLU_12	-14.94	0.10	0.043
1365	2	R100x35-65	SLU_12	-100.46	0.21	0.182	SLU_12	-14.94	0.10	0.017
	3	R100x35-66	SLU_12	129.64	0.21	0.586	SLU_12	-14.94	0.10	0.044
	1	R100x35-66	SLU_12	-129.18	0.21	0.584	SLU_12	-19.05	0.10	0.056
1367	2	R100x35-65	SLU_12	116.87	0.21	0.528	SLU_12	-19.05	0.10	0.054
1368	1	R100x35-65	SLU_04	-149.79	0.21	0.677	SLU_12	-7.91	0.10	0.023
	1	R100x35-65	SLU_12	-93.90	0.21	0.424	SLU_12	-15.01	0.10	0.043
1369	2	R100x35-66	SLU_12	114.19	0.21	0.516	SLU_12	-15.01	0.10	0.044
	1	R100x35-66	SLU_04	-119.72	0.21	0.541	SLU_12	8.76	0.10	0.026
1371	2	R100x35-65	SLU_04	170.14	0.21	0.769	SLU_12	8.76	0.10	0.025
	1	R100x35-65	SLU_04	-169.79	0.21	0.767	SLU_12	-8.97	0.10	0.026
1373	2	R100x35-66	SLU_04	119.97	0.21	0.542	SLU_12	-8.97	0.10	0.027
	1	R100x35-67	SLU_04	-211.22	0.23	0.884	SLU_12	3.16	0.11	0.009
1374	2	R100x35-68	SLU_04	103.37	0.23	0.173	SLU_12	-15.11	0.11	0.016
	3	R100x35-67	SLU_04	215.69	0.23	0.903	SLU_12	-15.11	0.11	0.041
	1	R100x35-66	SLU_12	-107.75	0.21	0.487	SLU_12	-14.93	0.10	0.044
1375	2	R100x35-65	SLU_12	101.74	0.21	0.460	SLU_12	-14.93	0.10	0.043
1376	1	R100x35-65	SLU_04	150.57	0.21	0.680	SLU_12	7.82	0.10	0.022
	1	R100x35-65	SLU_12	-110.27	0.21	0.498	SLU_12	18.56	0.10	0.053
1377	2	R100x35-66	SLU_12	136.06	0.21	0.615	SLU_12	18.56	0.10	0.055
	1	R100x35-66	SLU_12	-131.85	0.21	0.596	SLU_12	13.92	0.10	0.041
1379	2	R100x35-65	SLU_12	98.08	0.21	0.177	SLU_12	13.92	0.10	0.016
	3	R100x35-64	SLU_04	194.42	0.21	0.879	SLU_12	13.92	0.10	0.040
1380	1	R80x35-13	SLU_04	-84.40	0.16	0.509	SLU_12	-7.03	0.08	0.034
	1	R100x35-149	SLU_12	-137.07	0.21	0.619	SLU_12	-12.32	0.10	0.037
1383	2	R100x35-148	SLU_12	102.34	0.21	0.462	SLU_12	-12.32	0.10	0.035
1384	1	R100x35-148	SLU_04	-143.58	0.21	0.649	SLU_12	-7.57	0.10	0.022
1385	1	R100x35-148	SLU_12	134.62	0.21	0.608	SLU_12	15.82	0.10	0.045

1387	1	R100x35-65	SLU_04	167.20	0.21	0.756	SLU_12	10.54	0.10	0.030
1389	1	R100x35-65	SLU_07	-185.17	0.21	0.837	SLU_12	-10.56	0.10	0.030
1391	1	R100x35-148	SLU_12	-133.09	0.21	0.601	SLU_12	-16.12	0.10	0.046
1392	1	R100x35-148	SLU_04	143.72	0.21	0.650	SLU_12	7.53	0.10	0.021
1393	1	R100x35-148	SLU_12	-99.45	0.21	0.449	SLU_12	11.39	0.10	0.033
	2	R100x35-149	SLU_12	138.69	0.21	0.627	SLU_12	11.39	0.10	0.034
1394	1	R100x35-149	SLU_04	-148.91	0.21	0.673	SLU_12	19.15	0.10	0.057
	2	R100x35-148	SLU_04	-101.74	0.21	0.460	SLU_12	19.15	0.10	0.055
1395	1	R100x35-148	SLU_04	114.32	0.21	0.517	SLU_12	14.29	0.10	0.041
1396	1	R50x80-57	SLU_04	214.03	0.09	0.896	SLU_12	32.57	0.09	0.217
1397	1	R50x80-65	SLU_12	-146.12	0.09	0.611	SLU_12	-0.33	0.09	0.002
	2	R50x80-66	SLU_12	209.98	0.09	0.879	SLU_12	-0.33	0.09	0.002
1398	1	R50x80-65	SLU_12	-217.65	0.09	0.911	SLU_12	-2.24	0.09	0.016
	2	R50x80-67	SLU_12	-153.32	0.09	0.642	SLU_12	-2.24	0.09	0.016
1399	1	R50x80-67	SLU_12	-77.24	0.09	0.323	SLU_12	0.86	0.09	0.006
	2	R50x80-65	SLU_12	172.75	0.09	0.723	SLU_12	0.86	0.09	0.006
	3	R50x80-81	SLU_12	287.17	0.11	0.961	SLU_12	0.86	0.11	0.005
1401	1	R50x80-82	SLU_06	-171.50	0.09	0.718	SLU_12	-1.85	0.09	0.013
1403	1	R50x80-82	SLU_04	-221.55	0.09	0.927	SLU_12	1.62	0.09	0.011
	2	R50x80-83	SLU_12	-80.30	0.09	0.336	SLU_12	1.62	0.09	0.011
	3	R50x80-82	SLU_04	217.15	0.09	0.909	SLU_12	1.62	0.09	0.011
1404	1	R80x30-18	SLU_04	-90.40	0.16	0.654	SLU_12	-8.32	0.08	0.042
	2	R80x30-17	SLU_04	129.18	0.16	0.934	SLU_12	-8.32	0.08	0.040
1405	1	R80x30-26	SLU_04	38.57	0.16	0.279	SLU_12	4.59	0.08	0.022
1406	1	R100x30-73	SLU_04	-144.93	0.21	0.786	SLU_12	-3.19	0.10	0.009
	2	R100x30-74	SLU_04	-66.84	0.21	0.145	SLU_12	-3.19	0.10	0.004
	3	R100x30-75	SLU_04	110.66	0.21	0.600	SLU_12	-3.19	0.10	0.009
1408	1	R50x80-82	SLU_04	-217.09	0.09	0.908	SLU_12	-1.68	0.09	0.012
	2	R50x80-83	SLU_12	80.03	0.09	0.335	SLU_12	-1.68	0.09	0.012
	3	R50x80-82	SLU_04	221.52	0.09	0.927	SLU_12	-1.68	0.09	0.012
1410	1	R50x80-65	SLU_06	171.26	0.09	0.717	SLU_12	-2.03	0.09	0.014
1412	1	R50x80-81	SLU_12	-285.29	0.11	0.955	SLU_12	-2.19	0.11	0.012
	2	R50x80-65	SLU_12	-170.90	0.09	0.715	SLU_12	-2.19	0.09	0.015
1413	1	R50x80-57	SLU_12	213.92	0.09	0.895	SLU_12	1.94	0.09	0.013
1414	1	R50x80-57	SLU_12	-208.37	0.09	0.872	SLU_12	0.71	0.09	0.005
	2	R50x80-58	SLU_12	147.37	0.09	0.617	SLU_12	0.71	0.09	0.005
1415	1	R50x80-57	SLU_04	-213.78	0.09	0.895	SLU_12	-32.14	0.09	0.215
1416	1	R60x80-53	SLU_04	825.20	0.42	0.752	SLU_12	-17.55	0.21	0.044
	2	R60x80-54	SLU_04	825.20	0.42	0.746	SLU_12	-17.55	0.21	0.043
	3	R60x80-55	SLU_04	825.20	0.42	0.746	SLU_12	-17.55	0.21	0.043
1417	1	R50x80-113	SLU_04	-147.45	0.09	0.617	SLU_12	2.23	0.09	0.016
	2	R50x80-114	SLU_06	223.23	0.09	0.934	SLU_12	2.23	0.09	0.016
1419	1	R50x80-118	SLU_07	-244.90	0.11	0.820	SLU_12	-2.24	0.11	0.012
	2	R50x80-113	SLU_07	164.16	0.09	0.687	SLU_12	-2.24	0.09	0.016
1420	1	R60x80-53	SLU_04	824.31	0.42	0.751	SLU_12	17.41	0.21	0.044
	2	R60x80-54	SLU_04	824.31	0.42	0.745	SLU_12	17.41	0.21	0.043
	3	R60x80-55	SLU_04	824.31	0.42	0.745	SLU_12	17.41	0.21	0.043
1421	1	R100x30-75	SLU_04	-67.53	0.21	0.366	SLU_12	7.26	0.10	0.021
	2	R100x30-74	SLU_04	67.79	0.21	0.368	SLU_12	7.26	0.10	0.021

1422	1	R100x30-74	SLU_04	-136.94	0.21	0.743	SLU_12	3.04	0.10	0.009
1423	1	R100x30-74	SLU_04	-62.17	0.21	0.337	SLU_12	-6.54	0.10	0.019
	2	R100x30-78	SLU_04	72.48	0.21	0.393	SLU_12	-6.54	0.10	0.019
1425	1	R100x30-78	SLU_04	-111.04	0.21	0.602	SLU_12	7.88	0.10	0.023
	2	R100x30-74	SLU_04	70.21	0.21	0.152	SLU_12	7.88	0.10	0.009
	3	R100x30-75	SLU_04	160.06	0.21	0.868	SLU_12	7.88	0.10	0.023
1427	1	R100x30-75	SLU_04	-160.01	0.21	0.868	SLU_12	-7.84	0.10	0.022
	2	R100x30-74	SLU_04	-70.15	0.21	0.152	SLU_12	-7.84	0.10	0.009
	3	R100x30-78	SLU_04	111.32	0.21	0.604	SLU_12	-7.84	0.10	0.023
1429	1	R100x30-78	SLU_04	-41.76	0.21	0.226	SLU_12	6.65	0.10	0.020
	2	R100x30-74	SLU_04	38.08	0.21	0.206	SLU_12	6.65	0.10	0.019
1430	1	R100x30-74	SLU_04	138.31	0.21	0.750	SLU_12	-3.11	0.10	0.009
1431	1	R100x30-74	SLU_04	-57.13	0.21	0.310	SLU_12	-7.38	0.10	0.021
	2	R100x30-78	SLU_04	78.19	0.21	0.424	SLU_12	-7.38	0.10	0.022
1433	1	R100x30-75	SLU_04	-113.76	0.21	0.617	SLU_12	-3.41	0.10	0.010
	2	R100x30-74	SLU_04	63.17	0.21	0.137	SLU_12	-3.41	0.10	0.004
	3	R100x30-73	SLU_04	141.18	0.21	0.766	SLU_12	-3.41	0.10	0.010
1434	1	R80x30-26	SLU_04	-37.91	0.16	0.274	SLU_12	-4.92	0.08	0.024
1436	1	R100x30-67	SLU_04	45.42	0.21	0.246	SLU_12	4.17	0.10	0.012
1437	1	R100x30-67	SLU_04	-96.25	0.21	0.522	SLU_12	1.69	0.10	0.005
1438	1	R100x30-67	SLU_04	-52.50	0.21	0.285	SLU_12	-3.77	0.10	0.011
	2	R100x30-82	SLU_04	50.22	0.21	0.272	SLU_12	-3.77	0.10	0.011
1440	1	R100x30-82	SLU_04	-108.83	0.21	0.590	SLU_12	-4.33	0.10	0.012
	2	R100x30-67	SLU_04	47.11	0.21	0.102	SLU_12	-4.33	0.10	0.005
	3	R100x30-68	SLU_04	125.91	0.21	0.683	SLU_12	-4.33	0.10	0.013
1442	1	R100x30-68	SLU_04	-125.87	0.21	0.683	SLU_12	4.34	0.10	0.013
	2	R100x30-67	SLU_04	-47.08	0.21	0.102	SLU_12	4.34	0.10	0.005
	3	R100x30-82	SLU_04	108.86	0.21	0.590	SLU_12	4.34	0.10	0.012
1444	1	R100x30-82	SLU_04	-21.80	0.21	0.118	SLU_12	3.79	0.10	0.011
	2	R100x30-67	SLU_04	25.81	0.21	0.140	SLU_12	3.79	0.10	0.011
1445	1	R100x30-67	SLU_04	96.88	0.21	0.525	SLU_12	-1.73	0.10	0.005
1446	1	R100x30-67	SLU_04	-39.01	0.21	0.212	SLU_12	-4.25	0.10	0.012
	2	R100x30-82	SLU_04	47.21	0.21	0.256	SLU_12	-4.25	0.10	0.012
1460	1	R50x30-21	SLU_12	-4.91	0.10	0.053	SLU_12	-1.45	0.10	0.009
1461	1	R50x30-19	SLU_04	19.59	0.10	0.212	SLU_12	-1.48	0.10	0.009
1462	1	R50x30-19	SLU_04	17.97	0.10	0.195	SLU_12	-1.18	0.10	0.007
1463	1	R50x30-19	SLU_04	14.96	0.10	0.162	SLU_12	0.94	0.10	0.006
1464	1	R50x30-19	SLU_04	13.84	0.10	0.150	SLU_12	0.85	0.10	0.005
1465	1	R50x30-19	SLU_12	9.52	0.10	0.103	SLU_12	0.68	0.10	0.004
	1	R50x30-22	SLU_12	-14.56	0.10	0.158	SLU_12	1.27	0.10	0.008
	2	R50x30-23	SLU_12	-14.56	0.10	0.063	SLU_12	1.27	0.10	0.003
1466	3	R50x30-24	SLU_12	-14.56	0.10	0.158	SLU_12	1.27	0.10	0.008
	1	R50x30-19	SLU_04	-31.08	0.10	0.337	SLU_12	-0.08	0.10	0.000
1467	1	R50x30-19	SLU_04	-11.16	0.10	0.121	SLU_12	-0.10	0.10	0.001
1469	1	R50x30-22	SLU_12	-14.86	0.10	0.161	SLU_12	-1.36	0.10	0.008
	2	R50x30-23	SLU_12	-14.86	0.10	0.064	SLU_12	-1.36	0.10	0.003
	3	R50x30-24	SLU_12	-14.86	0.10	0.161	SLU_12	-1.36	0.10	0.008
1470	1	R50x30-19	SLU_12	9.59	0.10	0.104	SLU_12	-0.69	0.10	0.004
1471	1	R50x30-19	SLU_04	14.52	0.10	0.157	SLU_12	-0.87	0.10	0.005

1472	1	R50x30-19	SLU_04	15.26	0.10	0.166	SLU_12	0.96	0.10	0.006
1473	1	R50x30-19	SLU_04	16.96	0.10	0.184	SLU_12	1.20	0.10	0.007
1474	1	R50x30-19	SLU_04	17.91	0.10	0.194	SLU_12	1.49	0.10	0.009
1475	1	R50x30-19	SLU_12	-7.11	0.10	0.077	SLU_12	1.46	0.10	0.009
1476	1	R30x80-2	SLU_04	-113.82	0.05	0.823	SLU_12	-2.18	0.05	0.021
1477	1	R30x80-2	SLU_04	-112.42	0.05	0.813	SLU_12	2.16	0.05	0.021
1478	1	R50x30-19	SLU_12	9.01	0.10	0.098	SLU_12	-0.61	0.10	0.004
1479	1	R50x30-19	SLU_12	-4.21	0.10	0.046	SLU_12	-0.17	0.10	0.001
1480	1	R50x30-21	SLU_04	11.90	0.10	0.129	SLU_12	-0.09	0.10	0.001
1481	1	R50x30-19	SLU_12	-0.89	0.10	0.010	SLU_12	0.33	0.10	0.002
1482	1	R60x30-2	SLU_04	-12.61	0.16	0.091	SLU_12	-0.40	0.08	0.003
1483	1	R60x30-2	SLU_04	-12.68	0.16	0.092	SLU_12	-0.45	0.08	0.003
1484	1	R50x30-19	SLU_12	-0.89	0.10	0.010	SLU_12	-0.34	0.10	0.002
1485	1	R50x30-21	SLU_04	12.05	0.10	0.131	SLU_12	0.09	0.10	0.001
1486	1	R50x30-19	SLU_04	-4.22	0.10	0.046	SLU_12	0.17	0.10	0.001
1487	1	R50x30-19	SLU_12	8.84	0.10	0.096	SLU_12	0.60	0.10	0.004
1488	1	R70x30-8	SLU_04	44.48	0.16	0.322	SLU_12	2.84	0.08	0.016
1489	1	R70x30-9	SLU_04	76.29	0.16	0.552	SLU_12	1.07	0.08	0.006
1491	1	R70x30-8	SLU_04	-53.76	0.16	0.389	SLU_12	0.29	0.08	0.002
1493	1	R70x30-10	SLU_04	72.69	0.16	0.526	SLU_12	-0.16	0.08	0.001
1494	1	R70x30-10	SLU_04	-76.05	0.16	0.550	SLU_12	1.00	0.08	0.006
	2	R70x30-11	SLU_04	72.34	0.16	0.523	SLU_12	1.00	0.08	0.006
1496	1	R70x30-11	SLU_04	-72.14	0.16	0.522	SLU_12	-1.02	0.08	0.006
	2	R70x30-10	SLU_04	76.16	0.16	0.551	SLU_12	-1.02	0.08	0.006
1497	1	R70x30-8	SLU_04	-72.29	0.16	0.523	SLU_12	0.15	0.08	0.001
1499	1	R70x30-8	SLU_04	54.00	0.16	0.390	SLU_12	-0.29	0.08	0.002
1501	1	R70x30-9	SLU_04	-77.03	0.16	0.557	SLU_12	-1.14	0.08	0.006
1502	1	R70x30-8	SLU_04	-44.21	0.16	0.320	SLU_12	-2.98	0.08	0.017
1503	1	R50x30-19	SLU_04	-52.22	0.10	0.566	SLU_12	-1.85	0.10	0.011
1504	1	R50x30-19	SLU_04	-52.44	0.10	0.569	SLU_12	1.84	0.10	0.011
1505	1	R80x30-24	SLU_04	-133.60	0.21	0.725	SLU_12	6.87	0.10	0.026
	2	R80x30-23	SLU_04	-62.52	0.16	0.181	SLU_12	6.87	0.08	0.013
	3	R80x30-22	SLU_04	84.22	0.16	0.609	SLU_12	6.87	0.08	0.035
1507	1	R80x30-22	SLU_04	-49.72	0.16	0.360	SLU_12	1.37	0.08	0.007
	2	R80x30-23	SLU_04	57.29	0.16	0.414	SLU_12	1.37	0.08	0.007
1508	1	R80x30-23	SLU_04	106.89	0.16	0.773	SLU_12	0.94	0.08	0.005
1509	1	R80x30-23	SLU_04	-56.08	0.16	0.405	SLU_12	3.38	0.08	0.016
	2	R80x30-22	SLU_04	50.82	0.16	0.367	SLU_12	3.38	0.08	0.017
	1	R80x30-22	SLU_04	-81.48	0.16	0.589	SLU_12	-5.91	0.08	0.030
1511	2	R80x30-23	SLU_04	59.97	0.16	0.173	SLU_12	-5.91	0.08	0.011
	3	R80x30-22	SLU_04	130.56	0.16	0.944	SLU_12	-5.91	0.08	0.030
1513	1	R80x30-22	SLU_04	-130.41	0.16	0.943	SLU_12	5.90	0.08	0.030
	2	R80x30-23	SLU_04	-59.81	0.16	0.173	SLU_12	5.90	0.08	0.011
	3	R80x30-22	SLU_04	81.71	0.16	0.591	SLU_12	5.90	0.08	0.030
1515	1	R80x30-22	SLU_04	-48.33	0.16	0.349	SLU_12	-3.43	0.08	0.017
	2	R80x30-23	SLU_04	57.90	0.16	0.419	SLU_12	-3.43	0.08	0.017
1516	1	R80x30-23	SLU_04	107.77	0.16	0.779	SLU_12	-0.99	0.08	0.005
1517	1	R80x30-23	SLU_04	-50.17	0.16	0.363	SLU_12	-1.59	0.08	0.008
	2	R80x30-22	SLU_04	56.21	0.16	0.406	SLU_12	-1.59	0.08	0.008

1519	1	R80x30-22	SLU_04	-86.17	0.16	0.623	SLU_12	-6.96	0.08	0.035
	2	R80x30-23	SLU_04	59.72	0.16	0.173	SLU_12	-6.96	0.08	0.013
	3	R80x30-22	SLU_04	130.64	0.16	0.945	SLU_12	-6.96	0.08	0.035
1520	1	R80x30-26	SLU_04	39.04	0.16	0.282	SLU_12	4.49	0.08	0.022
1521	1	R100x30-75	SLU_04	-146.34	0.21	0.794	SLU_12	0.97	0.10	0.003
	2	R100x30-74	SLU_04	-68.25	0.21	0.148	SLU_12	0.97	0.10	0.001
	3	R100x30-75	SLU_04	107.77	0.21	0.584	SLU_12	0.97	0.10	0.003
1523	1	R100x30-78	SLU_04	-71.75	0.21	0.389	SLU_12	4.12	0.10	0.012
	2	R100x30-74	SLU_04	65.69	0.21	0.356	SLU_12	4.12	0.10	0.012
1524	1	R100x30-74	SLU_04	-136.30	0.21	0.739	SLU_12	1.62	0.10	0.005
1525	1	R100x30-74	SLU_04	-67.96	0.21	0.369	SLU_12	-3.05	0.10	0.009
	2	R100x30-78	SLU_04	68.21	0.21	0.370	SLU_12	-3.05	0.10	0.009
1527	1	R100x30-78	SLU_04	-106.59	0.21	0.578	SLU_12	6.08	0.10	0.018
	2	R100x30-74	SLU_04	73.95	0.21	0.160	SLU_12	6.08	0.10	0.007
	3	R100x30-75	SLU_04	163.80	0.21	0.888	SLU_12	6.08	0.10	0.017
1529	1	R100x30-75	SLU_04	-163.89	0.21	0.889	SLU_12	-5.94	0.10	0.017
	2	R100x30-74	SLU_04	-74.03	0.21	0.161	SLU_12	-5.94	0.10	0.007
	3	R100x30-78	SLU_04	106.92	0.21	0.580	SLU_12	-5.94	0.10	0.018
1531	1	R100x30-78	SLU_04	-65.09	0.21	0.353	SLU_12	3.31	0.10	0.010
	2	R100x30-74	SLU_04	70.62	0.21	0.383	SLU_12	3.31	0.10	0.009
1532	1	R100x30-74	SLU_04	137.61	0.21	0.746	SLU_12	-1.70	0.10	0.005
1533	1	R100x30-74	SLU_04	-61.49	0.21	0.333	SLU_12	-4.19	0.10	0.012
	2	R100x30-78	SLU_04	75.64	0.21	0.410	SLU_12	-4.19	0.10	0.012
1535	1	R100x30-75	SLU_04	-110.46	0.21	0.599	SLU_12	-1.34	0.10	0.004
	2	R100x30-74	SLU_04	64.90	0.21	0.141	SLU_12	-1.34	0.10	0.002
	3	R100x30-73	SLU_04	142.91	0.21	0.775	SLU_12	-1.34	0.10	0.004
1536	1	R80x30-26	SLU_04	-38.35	0.16	0.277	SLU_12	-4.95	0.08	0.024
1538	1	R100x30-82	SLU_04	-40.59	0.21	0.220	SLU_12	2.49	0.10	0.007
	2	R100x30-67	SLU_04	46.78	0.21	0.254	SLU_12	2.49	0.10	0.007
1539	1	R100x30-67	SLU_04	-95.87	0.21	0.520	SLU_12	0.61	0.10	0.002
1540	1	R100x30-67	SLU_04	-59.35	0.21	0.322	SLU_12	1.13	0.10	0.003
	2	R100x30-82	SLU_04	43.09	0.21	0.234	SLU_12	1.13	0.10	0.003
1542	1	R100x30-82	SLU_04	-107.00	0.21	0.580	SLU_12	2.87	0.10	0.008
	2	R100x30-67	SLU_04	48.70	0.21	0.106	SLU_12	2.87	0.10	0.003
	3	R100x30-68	SLU_04	127.50	0.21	0.691	SLU_12	2.87	0.10	0.009
1544	1	R100x30-68	SLU_04	-127.52	0.21	0.692	SLU_12	-3.00	0.10	0.009
	2	R100x30-67	SLU_04	-48.73	0.21	0.106	SLU_12	-3.00	0.10	0.004
	3	R100x30-82	SLU_04	107.06	0.21	0.581	SLU_12	-3.00	0.10	0.009
1546	1	R100x30-82	SLU_04	-42.32	0.21	0.230	SLU_12	-1.20	0.10	0.003
	2	R100x30-67	SLU_04	60.41	0.21	0.328	SLU_12	-1.20	0.10	0.003
1547	1	R100x30-67	SLU_04	96.30	0.21	0.522	SLU_12	-0.65	0.10	0.002
1548	1	R100x30-67	SLU_04	-47.94	0.21	0.260	SLU_12	-2.55	0.10	0.007
	2	R100x30-82	SLU_04	39.99	0.21	0.217	SLU_12	-2.55	0.10	0.007
1562	1	R50x30-21	SLU_12	-2.29	0.10	0.025	SLU_12	-1.06	0.10	0.006
1563	1	R50x30-25	SLU_04	21.89	0.10	0.237	SLU_12	-0.88	0.10	0.005
	2	R50x30-21	SLU_04	21.89	0.10	0.095	SLU_12	-0.88	0.10	0.002
	3	R50x30-26	SLU_04	21.89	0.10	0.237	SLU_12	-0.88	0.10	0.005
1564	1	R50x30-25	SLU_04	20.73	0.10	0.225	SLU_12	-0.64	0.10	0.004
	2	R50x30-21	SLU_04	20.73	0.10	0.090	SLU_12	-0.64	0.10	0.002

	3	R50x30-26	SLU_04	20.73	0.10	0.225	SLU_12	-0.64	0.10	0.004
1565	1	R50x30-19	SLU_04	17.50	0.10	0.190	SLU_12	-0.37	0.10	0.002
1566	1	R50x30-19	SLU_04	16.21	0.10	0.176	SLU_12	0.20	0.10	0.001
1567	1	R50x30-19	SLU_09	10.70	0.10	0.116	SLU_12	0.07	0.10	0.000
1568	1	R50x30-28	SLU_04	-14.61	0.10	0.158	SLU_12	0.87	0.10	0.005
	2	R50x30-29	SLU_04	-14.61	0.10	0.158	SLU_12	0.87	0.10	0.005
1569	1	R50x30-19	SLU_04	-29.25	0.10	0.317	SLU_12	-0.08	0.10	0.001
1570	1	R50x30-19	SLU_04	-11.15	0.10	0.121	SLU_12	-0.11	0.10	0.001
1571	1	R50x30-22	SLU_04	-14.75	0.10	0.160	SLU_12	-1.01	0.10	0.006
	2	R50x30-23	SLU_04	-14.75	0.10	0.064	SLU_12	-1.01	0.10	0.003
	3	R50x30-24	SLU_04	-14.75	0.10	0.160	SLU_12	-1.01	0.10	0.006
1572	1	R50x30-19	SLU_04	10.79	0.10	0.117	SLU_12	-0.11	0.10	0.001
1573	1	R50x30-19	SLU_04	16.73	0.10	0.181	SLU_12	-0.24	0.10	0.001
1574	1	R50x30-19	SLU_04	17.69	0.10	0.192	SLU_12	0.39	0.10	0.002
1575	1	R50x30-25	SLU_04	19.45	0.10	0.211	SLU_12	0.66	0.10	0.004
	2	R50x30-21	SLU_04	19.45	0.10	0.084	SLU_12	0.66	0.10	0.002
	3	R50x30-26	SLU_04	19.45	0.10	0.211	SLU_12	0.66	0.10	0.004
1576	1	R50x30-25	SLU_04	19.77	0.10	0.214	SLU_12	0.89	0.10	0.005
	2	R50x30-21	SLU_04	19.77	0.10	0.086	SLU_12	0.89	0.10	0.002
	3	R50x30-26	SLU_04	19.77	0.10	0.214	SLU_12	0.89	0.10	0.005
1577	1	R50x30-19	SLU_12	-5.11	0.10	0.055	SLU_12	1.05	0.10	0.006
1578	1	R30x80-2	SLU_04	-112.60	0.05	0.814	SLU_12	-2.24	0.05	0.022
1579	1	R30x80-2	SLU_04	-111.88	0.05	0.809	SLU_12	2.24	0.05	0.022
1580	1	R50x30-27	SLU_12	11.96	0.10	0.130	SLU_12	-0.25	0.10	0.001
	2	R50x30-21	SLU_12	11.96	0.10	0.130	SLU_12	-0.25	0.10	0.001
1581	1	R50x30-19	SLU_12	-2.52	0.10	0.027	SLU_12	-0.32	0.10	0.002
1582	1	R50x30-21	SLU_04	13.77	0.10	0.149	SLU_12	-0.42	0.10	0.003
1583	1	R50x30-19	SLU_09	1.80	0.10	0.020	SLU_12	-0.07	0.10	0.000
1584	1	R60x30-2	SLU_04	-11.43	0.16	0.083	SLU_12	-0.18	0.08	0.001
1585	1	R60x30-2	SLU_04	-11.53	0.16	0.083	SLU_12	0.26	0.08	0.002
1586	1	R50x30-19	SLU_09	1.99	0.10	0.022	SLU_12	0.09	0.10	0.001
1587	1	R50x30-21	SLU_04	13.76	0.10	0.149	SLU_12	0.42	0.10	0.003
1588	1	R50x30-19	SLU_12	-2.28	0.10	0.025	SLU_12	0.34	0.10	0.002
1589	1	R50x30-27	SLU_12	11.41	0.10	0.124	SLU_12	0.29	0.10	0.002
	2	R50x30-21	SLU_12	11.41	0.10	0.124	SLU_12	0.29	0.10	0.002
1590	1	R70x30-8	SLU_04	44.45	0.16	0.321	SLU_12	2.66	0.08	0.015
1591	1	R70x30-17	SLU_04	77.09	0.16	0.557	SLU_12	-0.76	0.08	0.004
1593	1	R70x30-8	SLU_04	-53.57	0.16	0.387	SLU_04	0.07	0.08	0.000
1595	1	R70x30-10	SLU_04	72.52	0.16	0.524	SLU_12	-0.46	0.08	0.003
1596	1	R70x30-10	SLU_04	-76.45	0.16	0.553	SLU_12	0.62	0.08	0.003
	2	R70x30-11	SLU_04	71.77	0.16	0.519	SLU_12	0.62	0.08	0.004
1598	1	R70x30-11	SLU_04	-71.56	0.16	0.517	SLU_12	-0.68	0.08	0.004
	2	R70x30-10	SLU_04	76.60	0.16	0.554	SLU_12	-0.68	0.08	0.004
1599	1	R70x30-8	SLU_04	-72.11	0.16	0.521	SLU_12	-0.44	0.08	0.002
1601	1	R70x30-8	SLU_04	53.84	0.16	0.389	SLU_12	-0.08	0.08	0.000
1603	1	R70x30-8	SLU_04	-77.15	0.16	0.558	SLU_12	0.90	0.08	0.005
1604	1	R70x30-8	SLU_04	-44.20	0.16	0.320	SLU_12	-2.86	0.08	0.016
1605	1	R50x30-26	SLU_04	-49.72	0.10	0.539	SLU_12	-0.93	0.10	0.006
	2	R50x30-21	SLU_04	-49.68	0.10	0.539	SLU_12	-0.93	0.10	0.006

1606	1	R50x30-26	SLU_04	-49.19	0.10	0.534	SLU_12	0.96	0.10	0.006
	2	R50x30-21	SLU_04	-49.16	0.10	0.533	SLU_12	0.96	0.10	0.006
1607	1	R80x30-24	SLU_04	-135.50	0.21	0.735	SLU_12	5.71	0.10	0.022
	2	R80x30-23	SLU_04	-64.42	0.16	0.186	SLU_12	5.71	0.08	0.011
	3	R80x30-22	SLU_04	80.92	0.16	0.585	SLU_12	5.71	0.08	0.029
1609	1	R80x30-22	SLU_04	-46.96	0.16	0.340	SLU_12	-0.25	0.08	0.001
	2	R80x30-23	SLU_04	61.39	0.16	0.444	SLU_12	-0.25	0.08	0.001
1610	1	R80x30-23	SLU_04	106.66	0.16	0.771	SLU_12	-0.39	0.08	0.002
1611	1	R80x30-23	SLU_04	-59.99	0.16	0.434	SLU_12	2.33	0.08	0.011
	2	R80x30-22	SLU_04	47.91	0.16	0.346	SLU_12	2.33	0.08	0.012
1613	1	R80x30-22	SLU_04	-78.75	0.16	0.569	SLU_12	-6.52	0.08	0.033
	2	R80x30-23	SLU_04	62.74	0.16	0.181	SLU_12	-6.52	0.08	0.013
	3	R80x30-24	SLU_04	133.33	0.21	0.723	SLU_12	-6.52	0.10	0.025
1615	1	R80x30-24	SLU_04	-133.40	0.21	0.723	SLU_12	6.35	0.10	0.024
	2	R80x30-23	SLU_04	-62.81	0.16	0.182	SLU_12	6.35	0.08	0.012
	3	R80x30-22	SLU_04	79.25	0.16	0.573	SLU_12	6.35	0.08	0.032
1617	1	R80x30-22	SLU_04	-45.27	0.16	0.327	SLU_12	-2.42	0.08	0.012
	2	R80x30-23	SLU_04	61.41	0.16	0.444	SLU_12	-2.42	0.08	0.012
1618	1	R80x30-23	SLU_04	107.58	0.16	0.778	SLU_12	-0.40	0.08	0.002
1619	1	R80x30-23	SLU_04	-53.12	0.16	0.384	SLU_12	0.39	0.08	0.002
	2	R80x30-22	SLU_04	54.87	0.16	0.397	SLU_12	0.39	0.08	0.002
1621	1	R80x30-22	SLU_04	-83.33	0.16	0.603	SLU_12	-6.29	0.08	0.032
	2	R80x30-23	SLU_04	61.32	0.16	0.177	SLU_12	-6.29	0.08	0.012
	3	R80x30-22	SLU_04	132.24	0.16	0.956	SLU_12	-6.29	0.08	0.032
1622	1	R80x30-26	SLU_04	39.31	0.16	0.284	SLU_12	3.40	0.08	0.016
1623	1	R100x30-75	SLU_04	-148.07	0.21	0.803	SLU_12	-1.27	0.10	0.004
	2	R100x30-74	SLU_04	-69.99	0.21	0.152	SLU_12	-1.27	0.10	0.002
	3	R100x30-75	SLU_04	104.77	0.21	0.568	SLU_12	-1.27	0.10	0.004
1625	1	R100x30-78	SLU_04	-67.95	0.21	0.368	SLU_12	1.67	0.10	0.005
	2	R100x30-74	SLU_04	70.81	0.21	0.384	SLU_12	1.67	0.10	0.005
1626	1	R100x30-74	SLU_04	-136.15	0.21	0.738	SLU_12	0.53	0.10	0.002
1627	1	R100x30-74	SLU_04	-72.09	0.21	0.391	SLU_12	-0.97	0.10	0.003
	2	R100x30-78	SLU_04	65.26	0.21	0.354	SLU_12	-0.97	0.10	0.003
1629	1	R100x30-78	SLU_04	-102.96	0.21	0.558	SLU_12	5.02	0.10	0.015
	2	R100x30-74	SLU_04	76.90	0.21	0.167	SLU_12	5.02	0.10	0.006
	3	R100x30-75	SLU_04	166.76	0.21	0.904	SLU_12	5.02	0.10	0.014
1631	1	R100x30-75	SLU_04	-167.06	0.21	0.906	SLU_12	-5.02	0.10	0.014
	2	R100x30-74	SLU_04	-77.20	0.21	0.167	SLU_12	-5.02	0.10	0.006
	3	R100x30-78	SLU_04	103.54	0.21	0.561	SLU_12	-5.02	0.10	0.015
1633	1	R100x30-78	SLU_04	-62.05	0.21	0.337	SLU_12	1.37	0.10	0.004
	2	R100x30-74	SLU_04	74.03	0.21	0.401	SLU_12	1.37	0.10	0.004
1634	1	R100x30-74	SLU_04	137.66	0.21	0.747	SLU_12	-0.60	0.10	0.002
1635	1	R100x30-74	SLU_04	-64.18	0.21	0.348	SLU_12	-2.11	0.10	0.006
	2	R100x30-78	SLU_04	74.15	0.21	0.402	SLU_12	-2.11	0.10	0.006
1637	1	R100x30-75	SLU_04	-108.26	0.21	0.587	SLU_12	0.64	0.10	0.002
	2	R100x30-74	SLU_04	66.33	0.21	0.144	SLU_12	0.64	0.10	0.001
	3	R100x30-73	SLU_04	144.34	0.21	0.783	SLU_12	0.64	0.10	0.002
1638	1	R80x30-26	SLU_04	-38.45	0.16	0.278	SLU_12	-4.02	0.08	0.019
1640	1	R100x30-82	SLU_04	-36.08	0.21	0.196	SLU_12	0.88	0.10	0.003

1640	2	R100x30-67	SLU_04	52.39	0.21	0.284	SLU_12	0.88	0.10	0.003
1641	1	R100x30-67	SLU_04	-95.78	0.21	0.519	SLU_12	0.35	0.10	0.001
1642	1	R100x30-67	SLU_04	-65.73	0.21	0.356	SLU_12	0.86	0.10	0.002
	2	R100x30-82	SLU_04	38.20	0.21	0.207	SLU_12	0.86	0.10	0.002
1644	1	R100x30-82	SLU_04	-105.40	0.21	0.572	SLU_12	-1.97	0.10	0.006
	2	R100x30-67	SLU_04	49.93	0.21	0.108	SLU_12	-1.97	0.10	0.002
	3	R100x30-68	SLU_04	128.73	0.21	0.698	SLU_12	-1.97	0.10	0.006
1646	1	R100x30-68	SLU_04	-128.91	0.21	0.699	SLU_12	2.58	0.10	0.008
	2	R100x30-67	SLU_04	-50.11	0.21	0.109	SLU_12	2.58	0.10	0.003
	3	R100x30-82	SLU_04	105.68	0.21	0.573	SLU_12	2.58	0.10	0.007
1648	1	R100x30-82	SLU_04	-36.97	0.21	0.200	SLU_12	-0.78	0.10	0.002
	2	R100x30-67	SLU_04	66.23	0.21	0.359	SLU_12	-0.78	0.10	0.002
1649	1	R100x30-67	SLU_04	96.42	0.21	0.523	SLU_12	-0.31	0.10	0.001
1650	1	R100x30-67	SLU_04	-51.82	0.21	0.281	SLU_12	-0.85	0.10	0.002
	2	R100x30-82	SLU_04	36.27	0.21	0.197	SLU_12	-0.85	0.10	0.002
1664	1	R50x30-21	SLU_09	1.60	0.10	0.017	SLU_12	-0.78	0.10	0.005
	1	R50x30-25	SLU_04	24.40	0.10	0.265	SLU_12	-0.45	0.10	0.003
	2	R50x30-21	SLU_04	24.40	0.10	0.106	SLU_12	-0.45	0.10	0.001
1665	3	R50x30-26	SLU_04	24.40	0.10	0.265	SLU_12	-0.45	0.10	0.003
	1	R50x30-25	SLU_04	23.09	0.10	0.250	SLU_12	-0.24	0.10	0.001
	2	R50x30-21	SLU_04	23.09	0.10	0.100	SLU_12	-0.24	0.10	0.001
1666	3	R50x30-26	SLU_04	23.09	0.10	0.250	SLU_12	-0.24	0.10	0.001
	1	R50x30-25	SLU_04	19.73	0.10	0.214	SLU_12	-0.08	0.10	0.000
	2	R50x30-21	SLU_04	19.73	0.10	0.086	SLU_12	-0.08	0.10	0.000
1667	3	R50x30-26	SLU_04	19.73	0.10	0.214	SLU_12	-0.08	0.10	0.000
	1	R50x30-19	SLU_04	18.26	0.10	0.198	SLU_12	0.23	0.10	0.001
	1	R50x30-19	SLU_09	12.32	0.10	0.134	SLU_12	0.33	0.10	0.002
1670	1	R50x30-30	SLU_04	-14.48	0.10	0.157	SLU_12	0.69	0.10	0.004
	2	R50x30-19	SLU_04	-14.48	0.10	0.063	SLU_12	0.69	0.10	0.002
	3	R50x30-20	SLU_04	-14.48	0.10	0.157	SLU_12	0.69	0.10	0.004
1671	1	R50x30-19	SLU_04	-29.83	0.10	0.324	SLU_12	0.11	0.10	0.001
1672	1	R50x30-19	SLU_04	-11.11	0.10	0.121	SLU_12	-0.06	0.10	0.000
1673	1	R50x30-30	SLU_04	-14.63	0.10	0.159	SLU_12	-0.96	0.10	0.006
	2	R50x30-19	SLU_04	-14.63	0.10	0.063	SLU_12	-0.96	0.10	0.002
	3	R50x30-20	SLU_04	-14.63	0.10	0.159	SLU_12	-0.96	0.10	0.006
1674	1	R50x30-19	SLU_09	12.44	0.10	0.135	SLU_12	-0.19	0.10	0.001
1675	1	R50x30-19	SLU_04	18.58	0.10	0.202	SLU_12	-0.14	0.10	0.001
1676	1	R50x30-25	SLU_04	19.76	0.10	0.214	SLU_04	0.03	0.10	0.000
	2	R50x30-21	SLU_04	19.76	0.10	0.086	SLU_04	0.03	0.10	0.000
	3	R50x30-26	SLU_04	19.76	0.10	0.214	SLU_04	0.03	0.10	0.000
1677	1	R50x30-25	SLU_04	21.58	0.10	0.234	SLU_12	0.29	0.10	0.002
	2	R50x30-21	SLU_04	21.58	0.10	0.094	SLU_12	0.29	0.10	0.001
	3	R50x30-26	SLU_04	21.58	0.10	0.234	SLU_12	0.29	0.10	0.002
1678	1	R50x30-25	SLU_04	21.59	0.10	0.234	SLU_12	0.47	0.10	0.003
	2	R50x30-21	SLU_04	21.59	0.10	0.094	SLU_12	0.47	0.10	0.001
	3	R50x30-26	SLU_04	21.59	0.10	0.234	SLU_12	0.47	0.10	0.003
1679	1	R50x30-19	SLU_04	-2.92	0.10	0.032	SLU_12	0.77	0.10	0.005
1680	1	R30x80-2	SLU_04	-111.34	0.05	0.805	SLU_12	-2.43	0.05	0.024
1681	1	R30x80-2	SLU_04	-110.72	0.05	0.801	SLU_12	2.55	0.05	0.025

1682	1	R50x30-27	SLU_04	14.57	0.10	0.158	SLU_12	-0.58	0.10	0.004
	2	R50x30-21	SLU_04	14.57	0.10	0.063	SLU_12	-0.58	0.10	0.001
	3	R50x30-26	SLU_04	14.57	0.10	0.158	SLU_12	-0.58	0.10	0.004
1683	1	R50x30-26	SLU_12	-1.15	0.10	0.013	SLU_12	-0.55	0.10	0.003
	2	R50x30-21	SLU_12	-1.15	0.10	0.013	SLU_12	-0.55	0.10	0.003
1684	1	R50x30-21	SLU_04	14.96	0.10	0.162	SLU_12	-0.63	0.10	0.004
1685	1	R50x30-19	SLU_09	3.45	0.10	0.037	SLU_12	0.11	0.10	0.001
1686	1	R60x30-2	SLU_04	-11.16	0.16	0.081	SLU_12	0.04	0.08	0.000
1687	1	R60x30-2	SLU_04	-11.09	0.16	0.080	SLU_12	-0.18	0.08	0.001
1688	1	R50x30-19	SLU_09	3.43	0.10	0.037	SLU_12	-0.03	0.10	0.000
1689	1	R50x30-21	SLU_04	15.04	0.10	0.163	SLU_12	0.56	0.10	0.003
1690	1	R50x30-26	SLU_12	-0.83	0.10	0.009	SLU_12	0.56	0.10	0.003
	2	R50x30-21	SLU_12	-0.83	0.10	0.009	SLU_12	0.56	0.10	0.003
1691	1	R50x30-27	SLU_04	13.70	0.10	0.149	SLU_12	0.66	0.10	0.004
	2	R50x30-21	SLU_04	13.70	0.10	0.149	SLU_12	0.66	0.10	0.004
1692	1	R70x30-8	SLU_04	44.43	0.16	0.321	SLU_12	2.22	0.08	0.012
1693	1	R70x30-17	SLU_04	77.71	0.16	0.562	SLU_12	-0.17	0.08	0.001
1695	1	R70x30-8	SLU_04	-68.14	0.16	0.493	SLU_12	0.22	0.08	0.001
1697	1	R70x30-12	SLU_04	86.49	0.16	0.625	SLU_12	-0.73	0.08	0.004
1698	1	R70x30-12	SLU_04	-89.97	0.16	0.651	SLU_12	-0.38	0.08	0.002
	2	R70x30-13	SLU_04	86.51	0.16	0.626	SLU_12	-0.38	0.08	0.002
1700	1	R70x30-13	SLU_04	-86.43	0.16	0.625	SLU_12	0.54	0.08	0.003
	2	R70x30-12	SLU_04	90.25	0.16	0.653	SLU_12	0.54	0.08	0.003
1701	1	R70x30-8	SLU_04	-86.21	0.16	0.623	SLU_12	0.62	0.08	0.003
1703	1	R70x30-8	SLU_04	68.52	0.16	0.495	SLU_12	-0.25	0.08	0.001
1705	1	R70x30-8	SLU_04	-77.62	0.16	0.561	SLU_12	0.30	0.08	0.002
1706	1	R70x30-8	SLU_04	-44.16	0.16	0.319	SLU_12	-2.51	0.08	0.014
1707	1	R50x30-26	SLU_04	-69.86	0.10	0.758	SLU_12	-0.61	0.10	0.004
	2	R50x30-21	SLU_04	-69.82	0.10	0.757	SLU_12	-0.61	0.10	0.004
1708	1	R50x30-26	SLU_04	-69.72	0.10	0.756	SLU_12	0.42	0.10	0.003
	2	R50x30-21	SLU_04	-69.68	0.10	0.756	SLU_12	0.42	0.10	0.003
1709	1	R80x30-24	SLU_04	-137.14	0.21	0.744	SLU_12	-4.64	0.10	0.018
	2	R80x30-23	SLU_04	-66.06	0.16	0.191	SLU_12	-4.64	0.08	0.009
	3	R80x30-22	SLU_04	78.74	0.16	0.569	SLU_12	-4.64	0.08	0.024
1711	1	R80x30-22	SLU_04	-44.69	0.16	0.323	SLU_12	-1.55	0.08	0.008
	2	R80x30-23	SLU_04	64.42	0.16	0.466	SLU_12	-1.55	0.08	0.007
1712	1	R80x30-23	SLU_04	106.53	0.16	0.770	SLU_12	-0.13	0.08	0.001
1713	1	R80x30-23	SLU_04	-62.76	0.16	0.454	SLU_12	-1.82	0.08	0.009
	2	R80x30-22	SLU_04	46.00	0.16	0.333	SLU_12	-1.82	0.08	0.009
1715	1	R80x30-22	SLU_04	-76.75	0.16	0.555	SLU_12	-6.78	0.08	0.034
	2	R80x30-23	SLU_04	64.85	0.16	0.188	SLU_12	-6.78	0.08	0.013
	3	R80x30-24	SLU_04	135.44	0.21	0.734	SLU_12	-6.78	0.10	0.026
1717	1	R80x30-24	SLU_04	-136.04	0.21	0.738	SLU_12	6.63	0.10	0.025
	2	R80x30-23	SLU_04	-65.44	0.16	0.189	SLU_12	6.63	0.08	0.013
	3	R80x30-22	SLU_04	77.82	0.16	0.563	SLU_12	6.63	0.08	0.034
1719	1	R80x30-22	SLU_12	-47.61	0.16	0.344	SLU_12	2.70	0.08	0.014
	2	R80x30-23	SLU_12	68.23	0.16	0.493	SLU_12	2.70	0.08	0.013
1720	1	R80x30-23	SLU_04	109.48	0.16	0.792	SLU_12	0.67	0.08	0.003
1721	1	R80x30-23	SLU_12	-59.38	0.16	0.429	SLU_12	0.84	0.08	0.004

	2	R80x30-22	SLU_12	60.06	0.16	0.434	SLU_12	0.84	0.08	0.004
	1	R80x30-22	SLU_04	-80.87	0.16	0.585	SLU_12	4.28	0.08	0.022
1723	2	R80x30-23	SLU_04	61.03	0.16	0.177	SLU_12	4.28	0.08	0.008
	3	R80x30-24	SLU_04	131.96	0.21	0.716	SLU_12	4.28	0.10	0.016
1724	1	R80x30-26	SLU_04	39.31	0.16	0.284	SLU_12	2.65	0.08	0.013
	1	R100x30-75	SLU_04	-149.75	0.21	0.812	SLU_12	-4.05	0.10	0.012
1725	2	R100x30-74	SLU_04	-71.67	0.21	0.155	SLU_12	-4.05	0.10	0.005
	3	R100x30-75	SLU_04	102.12	0.21	0.554	SLU_12	-4.05	0.10	0.012
1727	1	R100x30-78	SLU_04	-65.28	0.21	0.354	SLU_12	0.78	0.10	0.002
	2	R100x30-74	SLU_04	74.49	0.21	0.404	SLU_12	0.78	0.10	0.002
1728	1	R100x30-74	SLU_04	-136.13	0.21	0.738	SLU_12	-0.40	0.10	0.001
1729	1	R100x30-74	SLU_04	-74.51	0.21	0.404	SLU_12	-2.10	0.10	0.006
	2	R100x30-78	SLU_04	64.20	0.21	0.348	SLU_12	-2.10	0.10	0.006
	1	R100x30-78	SLU_04	-100.76	0.21	0.546	SLU_12	4.25	0.10	0.013
1731	2	R100x30-74	SLU_04	79.82	0.21	0.173	SLU_12	4.25	0.10	0.005
	3	R100x30-75	SLU_04	169.68	0.21	0.920	SLU_12	4.25	0.10	0.012
	1	R100x30-75	SLU_04	-170.37	0.21	0.924	SLU_12	4.43	0.10	0.013
1733	2	R100x30-74	SLU_04	-80.51	0.21	0.175	SLU_12	4.43	0.10	0.005
	3	R100x30-78	SLU_04	101.69	0.21	0.551	SLU_12	4.43	0.10	0.013
1735	1	R100x30-78	SLU_04	-63.03	0.21	0.342	SLU_12	2.92	0.10	0.009
	2	R100x30-74	SLU_04	77.64	0.21	0.421	SLU_12	2.92	0.10	0.008
1736	1	R100x30-74	SLU_04	139.43	0.21	0.756	SLU_12	1.19	0.10	0.003
1737	1	R100x30-74	SLU_04	-66.60	0.21	0.361	SLU_12	2.34	0.10	0.007
	2	R100x30-78	SLU_04	75.18	0.21	0.408	SLU_12	2.34	0.10	0.007
	1	R100x30-75	SLU_04	-106.16	0.21	0.576	SLU_12	3.91	0.10	0.011
1739	2	R100x30-74	SLU_04	65.69	0.21	0.142	SLU_12	3.91	0.10	0.005
	3	R100x30-75	SLU_04	143.69	0.21	0.779	SLU_12	3.91	0.10	0.011
1740	1	R80x30-26	SLU_04	-38.65	0.16	0.279	SLU_12	-2.29	0.08	0.011
1742	1	R100x30-82	SLU_04	-29.60	0.21	0.160	SLU_12	1.20	0.10	0.003
	2	R100x30-67	SLU_04	59.81	0.21	0.324	SLU_12	1.20	0.10	0.003
1743	1	R100x30-67	SLU_04	-96.01	0.21	0.521	SLU_12	-0.89	0.10	0.003
1744	1	R100x30-67	SLU_04	-71.62	0.21	0.388	SLU_12	-2.74	0.10	0.008
	2	R100x30-82	SLU_04	33.99	0.21	0.184	SLU_12	-2.74	0.10	0.008
	1	R100x30-82	SLU_04	-105.00	0.21	0.569	SLU_12	-1.51	0.10	0.004
1746	2	R100x30-67	SLU_04	51.17	0.21	0.111	SLU_12	-1.51	0.10	0.002
	3	R100x30-68	SLU_04	129.96	0.21	0.705	SLU_12	-1.51	0.10	0.004
	1	R100x30-68	SLU_04	-130.45	0.21	0.707	SLU_12	2.13	0.10	0.006
1748	2	R100x30-67	SLU_04	-51.65	0.21	0.112	SLU_12	2.13	0.10	0.003
	3	R100x30-82	SLU_04	105.58	0.21	0.573	SLU_12	2.13	0.10	0.006
1750	1	R100x30-82	SLU_04	-32.39	0.21	0.176	SLU_12	1.22	0.10	0.003
	2	R100x30-67	SLU_04	71.76	0.21	0.389	SLU_12	1.22	0.10	0.003
1751	1	R100x30-67	SLU_04	97.39	0.21	0.528	SLU_12	0.19	0.10	0.001
1752	1	R100x30-67	SLU_04	-57.01	0.21	0.309	SLU_12	-0.54	0.10	0.002
	2	R100x30-82	SLU_04	27.91	0.21	0.151	SLU_12	-0.54	0.10	0.002
1766	1	R50x30-19	SLU_09	3.33	0.10	0.036	SLU_12	0.37	0.10	0.002
1767	1	R50x30-28	SLU_04	25.58	0.10	0.277	SLU_12	-0.05	0.10	0.000
1768	1	R50x30-28	SLU_04	25.17	0.10	0.273	SLU_12	0.13	0.10	0.001
	1	R50x30-25	SLU_04	21.84	0.10	0.237	SLU_12	0.44	0.10	0.003
1769	2	R50x30-21	SLU_04	21.84	0.10	0.095	SLU_12	0.44	0.10	0.001

	3	R50x30-26	SLU_04	21.84	0.10	0.237	SLU_12	0.44	0.10	0.003
1770	1	R50x30-19	SLU_04	19.08	0.10	0.207	SLU_12	0.57	0.10	0.003
1771	1	R50x30-19	SLU_09	13.53	0.10	0.147	SLU_12	0.54	0.10	0.003
1772	1	R50x30-30	SLU_04	-14.38	0.10	0.156	SLU_12	0.61	0.10	0.004
	2	R50x30-19	SLU_04	-14.38	0.10	0.062	SLU_12	0.61	0.10	0.002
1773	3	R50x30-20	SLU_04	-14.38	0.10	0.156	SLU_12	0.61	0.10	0.004
	1	R50x30-21	SLU_04	-29.61	0.10	0.321	SLU_12	-0.81	0.10	0.005
1774	1	R50x30-21	SLU_04	-11.01	0.10	0.119	SLU_12	0.08	0.10	0.001
1775	1	R50x30-30	SLU_04	-14.50	0.10	0.157	SLU_12	-0.72	0.10	0.004
	2	R50x30-19	SLU_04	-14.50	0.10	0.063	SLU_12	-0.72	0.10	0.002
	3	R50x30-20	SLU_04	-14.50	0.10	0.157	SLU_12	-0.72	0.10	0.004
1776	1	R50x30-19	SLU_09	13.43	0.10	0.146	SLU_12	-0.36	0.10	0.002
1777	1	R50x30-19	SLU_04	19.65	0.10	0.213	SLU_12	-0.23	0.10	0.001
1778	1	R50x30-25	SLU_04	21.96	0.10	0.238	SLU_12	-0.22	0.10	0.001
	2	R50x30-21	SLU_04	21.96	0.10	0.095	SLU_12	-0.22	0.10	0.001
	3	R50x30-26	SLU_04	21.96	0.10	0.238	SLU_12	-0.22	0.10	0.001
1779	1	R50x30-28	SLU_04	23.65	0.10	0.256	SLU_12	-0.30	0.10	0.002
1780	1	R50x30-28	SLU_04	22.81	0.10	0.247	SLU_12	0.44	0.10	0.003
1781	1	R50x30-19	SLU_04	-1.55	0.10	0.017	SLU_12	0.28	0.10	0.002
1782	1	R30x80-2	SLU_04	-110.80	0.05	0.801	SLU_12	-2.53	0.05	0.025
1783	1	R30x80-2	SLU_04	-109.97	0.05	0.795	SLU_12	-3.03	0.05	0.030
1784	1	R50x30-28	SLU_04	15.09	0.10	0.164	SLU_12	-0.66	0.10	0.004
1785	1	R50x30-27	SLU_06	0.64	0.10	0.007	SLU_12	0.65	0.10	0.004
	2	R50x30-21	SLU_06	0.64	0.10	0.007	SLU_12	0.65	0.10	0.004
1786	1	R50x30-19	SLU_04	16.19	0.10	0.176	SLU_12	0.74	0.10	0.004
1787	1	R50x30-19	SLU_09	4.86	0.10	0.053	SLU_12	0.20	0.10	0.001
1788	1	R60x30-2	SLU_04	-10.75	0.16	0.078	SLU_06	0.03	0.08	0.000
1789	1	R60x30-2	SLU_04	-10.78	0.16	0.078	SLU_12	-0.08	0.08	0.000
1790	1	R50x30-19	SLU_09	4.93	0.10	0.054	SLU_12	-0.11	0.10	0.001
1791	1	R50x30-19	SLU_04	16.00	0.10	0.174	SLU_12	-0.62	0.10	0.004
1792	1	R50x30-26	SLU_12	-0.27	0.10	0.003	SLU_12	-0.43	0.10	0.003
	2	R50x30-21	SLU_12	-0.27	0.10	0.003	SLU_12	-0.43	0.10	0.003
1793	1	R50x30-28	SLU_04	13.90	0.10	0.151	SLU_12	-0.21	0.10	0.001
1794	1	R70x30-8	SLU_04	44.24	0.16	0.320	SLU_12	1.89	0.08	0.011
1795	1	R70x30-9	SLU_04	77.64	0.16	0.561	SLU_12	-0.89	0.08	0.005
1797	1	R70x30-9	SLU_04	-68.29	0.16	0.494	SLU_12	-0.27	0.08	0.002
1799	1	R70x30-12	SLU_04	86.15	0.16	0.623	SLU_12	-0.92	0.08	0.005
1800	1	R70x30-12	SLU_04	-91.08	0.16	0.659	SLU_12	-0.30	0.08	0.002
	2	R70x30-13	SLU_04	85.63	0.16	0.619	SLU_12	-0.30	0.08	0.002
1802	1	R70x30-13	SLU_04	-85.76	0.16	0.620	SLU_12	0.46	0.08	0.003
	2	R70x30-12	SLU_04	91.70	0.16	0.663	SLU_12	0.46	0.08	0.003
1803	1	R70x30-9	SLU_04	-86.40	0.16	0.625	SLU_12	0.77	0.08	0.004
1805	1	R70x30-9	SLU_04	69.02	0.16	0.499	SLU_12	0.08	0.08	0.000
1807	1	R70x30-9	SLU_04	-77.75	0.16	0.562	SLU_12	1.26	0.08	0.007
1808	1	R70x30-8	SLU_04	-44.00	0.16	0.318	SLU_12	-1.95	0.08	0.011
1809	1	R50x30-28	SLU_04	-68.14	0.10	0.739	SLU_12	-0.16	0.10	0.001
1810	1	R50x30-28	SLU_04	-67.93	0.10	0.737	SLU_12	0.41	0.10	0.002
1811	1	R80x30-27	SLU_10	-65.59	0.16	0.474	SLU_12	-11.29	0.08	0.058
	2	R80x30-28	SLU_10	51.76	0.16	0.150	SLU_12	-11.29	0.08	0.022

	3	R80x30-27	SLU_10	109.19	0.16	0.790	SLU_12	-11.29	0.08	0.058
	1	R80x30-30	SLU_09	-156.61	0.21	0.849	SLU_12	-5.34	0.10	0.019
1812	2	R80x30-31	SLU_09	-72.09	0.16	0.208	SLU_12	-5.34	0.08	0.010
	3	R80x30-32	SLU_09	99.54	0.16	0.720	SLU_12	-5.34	0.08	0.027
1814	1	R80x30-32	SLU_09	-54.43	0.16	0.394	SLU_12	-5.88	0.08	0.029
	2	R80x30-31	SLU_09	72.69	0.16	0.526	SLU_12	-5.88	0.08	0.028
1815	1	R80x30-31	SLU_09	126.81	0.16	0.917	SLU_12	-0.85	0.08	0.004
1816	1	R80x30-31	SLU_09	-71.27	0.16	0.515	SLU_10	2.20	0.08	0.011
	2	R80x30-32	SLU_09	54.93	0.16	0.397	SLU_10	2.20	0.08	0.011
	1	R80x30-32	SLU_09	-98.35	0.16	0.711	SLU_12	-7.45	0.08	0.037
1818	2	R80x30-31	SLU_09	69.94	0.16	0.202	SLU_12	-7.45	0.08	0.014
	3	R80x30-30	SLU_09	153.88	0.21	0.834	SLU_12	-7.45	0.10	0.027
182	1	R50x30-21	SLU_04	-4.53	0.10	0.049	SLU_12	-0.27	0.10	0.002
	1	R80x30-30	SLU_09	-153.77	0.21	0.834	SLU_12	7.95	0.10	0.029
1820	2	R80x30-31	SLU_09	-69.83	0.16	0.202	SLU_12	7.95	0.08	0.015
	3	R80x30-32	SLU_09	99.21	0.16	0.717	SLU_12	7.95	0.08	0.040
1822	1	R80x30-32	SLU_09	-52.50	0.16	0.380	SLU_12	-7.09	0.08	0.036
	2	R80x30-31	SLU_09	73.67	0.16	0.533	SLU_12	-7.09	0.08	0.034
1823	1	R80x30-31	SLU_09	126.99	0.16	0.918	SLU_12	3.10	0.08	0.015
	1	R80x30-38	SLU_10	-107.36	0.16	0.776	SLU_12	11.53	0.08	0.059
1824	2	R80x30-39	SLU_10	-49.93	0.16	0.144	SLU_12	11.53	0.08	0.022
	3	R80x30-38	SLU_10	65.85	0.16	0.476	SLU_12	11.53	0.08	0.059
1826	1	R80x30-41	SLU_06	-77.04	0.16	0.557	SLU_12	13.34	0.08	0.064
	2	R80x30-42	SLU_06	133.27	0.21	0.723	SLU_12	13.34	0.10	0.048
1827	1	R80x30-26	SLU_06	44.18	0.16	0.319	SLU_12	2.58	0.08	0.012
	1	R100x30-84	SLU_09	-190.58	0.31	0.689	SLU_12	-9.05	0.16	0.018
1828	2	R100x30-85	SLU_09	-81.15	0.21	0.176	SLU_12	-9.05	0.10	0.011
	3	R100x30-86	SLU_09	155.77	0.21	0.845	SLU_12	-9.05	0.10	0.027
1830	1	R100x30-92	SLU_09	-98.32	0.21	0.533	SLU_12	-8.42	0.10	0.026
	2	R100x30-85	SLU_09	85.50	0.21	0.464	SLU_12	-8.42	0.10	0.024
1831	1	R100x30-93	SLU_09	-183.05	0.23	0.919	SLU_12	-2.23	0.11	0.006
1832	1	R100x30-85	SLU_06	-96.24	0.21	0.522	SLU_12	10.11	0.10	0.029
	2	R100x30-94	SLU_09	88.01	0.21	0.477	SLU_12	10.11	0.10	0.031
	1	R100x30-86	SLU_09	-135.02	0.21	0.732	SLU_12	4.29	0.10	0.013
1834	2	R100x30-85	SLU_09	90.04	0.21	0.195	SLU_12	4.29	0.10	0.005
	3	R100x30-84	SLU_09	202.40	0.31	0.732	SLU_12	4.29	0.16	0.009
	1	R100x30-84	SLU_09	-202.34	0.31	0.732	SLU_12	-4.08	0.16	0.008
1836	2	R100x30-85	SLU_09	-89.99	0.21	0.195	SLU_12	-4.08	0.10	0.005
	3	R100x30-86	SLU_09	135.66	0.21	0.736	SLU_12	-4.08	0.10	0.012
1838	1	R100x30-94	SLU_09	-84.30	0.21	0.457	SLU_12	-10.66	0.10	0.032
	2	R100x30-85	SLU_06	99.40	0.21	0.539	SLU_12	-10.66	0.10	0.030
1839	1	R100x30-93	SLU_09	183.80	0.23	0.923	SLU_12	3.99	0.11	0.011
1840	1	R80x30-38	SLU_12	-48.44	0.16	0.350	SLU_12	7.86	0.08	0.040
	2	R80x30-39	SLU_12	51.77	0.16	0.374	SLU_12	7.86	0.08	0.038
1841	1	R80x30-39	SLU_10	90.36	0.16	0.653	SLU_12	1.24	0.08	0.006
1842	1	R100x30-72	SLU_06	-124.58	0.21	0.676	SLU_12	8.94	0.10	0.026
	2	R100x30-98	SLU_06	162.54	0.21	0.881	SLU_12	8.94	0.10	0.027
1843	1	R80x30-26	SLU_06	-41.84	0.16	0.303	SLU_12	-4.27	0.08	0.021
1845	1	R100x30-100	SLU_06	-52.09	0.21	0.282	SLU_12	-6.61	0.10	0.020

1845	2	R100x30-99	SLU_06	47.89	0.21	0.260	SLU_12	-6.61	0.10	0.019
1846	1	R100x30-99	SLU_06	108.08	0.21	0.586	SLU_12	1.77	0.10	0.005
1847	1	R100x30-99	SLU_06	-79.02	0.21	0.429	SLU_12	9.13	0.10	0.026
	2	R100x30-100	SLU_06	39.13	0.21	0.212	SLU_12	9.13	0.10	0.027
1848	1	R70x30-8	SLU_06	-33.72	0.16	0.244	SLU_12	-1.17	0.08	0.006
1849	1	R100x30-100	SLU_06	-121.07	0.21	0.657	SLU_12	1.33	0.10	0.004
	2	R100x30-99	SLU_06	58.24	0.21	0.126	SLU_12	1.33	0.10	0.002
	3	R100x30-104	SLU_06	148.93	0.21	0.808	SLU_12	1.33	0.10	0.004
1851	1	R100x30-104	SLU_06	-148.36	0.21	0.805	SLU_12	-2.70	0.10	0.008
	2	R100x30-99	SLU_06	-57.67	0.21	0.125	SLU_12	-2.70	0.10	0.003
	3	R100x30-100	SLU_06	121.38	0.21	0.658	SLU_12	-2.70	0.10	0.008
1853	1	R100x30-100	SLU_06	-37.57	0.21	0.204	SLU_12	-11.68	0.10	0.035
	2	R100x30-99	SLU_06	79.76	0.21	0.433	SLU_12	-11.68	0.10	0.033
1854	1	R100x30-99	SLU_06	-108.91	0.21	0.591	SLU_12	8.52	0.10	0.024
1855	1	R100x30-99	SLU_06	-46.09	0.21	0.250	SLU_12	32.24	0.10	0.092
	2	R100x30-104	SLU_06	50.23	0.21	0.272	SLU_12	32.24	0.10	0.092
1867	1	R80x30-39	SLU_12	-76.46	0.16	0.553	SLU_12	-3.83	0.08	0.018
1869	1	R50x30-21	SLU_09	4.49	0.10	0.049	SLU_12	0.58	0.10	0.003
1870	1	R50x30-28	SLU_04	25.73	0.10	0.279	SLU_12	1.30	0.10	0.008
1871	1	R50x30-28	SLU_04	22.85	0.10	0.248	SLU_12	1.00	0.10	0.006
	1	R50x30-25	SLU_04	19.05	0.10	0.207	SLU_12	-1.10	0.10	0.007
	2	R50x30-21	SLU_04	19.05	0.10	0.083	SLU_12	-1.10	0.10	0.003
1872	3	R50x30-26	SLU_04	19.05	0.10	0.207	SLU_12	-1.10	0.10	0.007
	1	R50x30-25	SLU_04	21.25	0.10	0.230	SLU_12	-1.63	0.10	0.010
	2	R50x30-21	SLU_04	21.25	0.10	0.092	SLU_12	-1.63	0.10	0.004
1873	3	R50x30-26	SLU_04	21.25	0.10	0.230	SLU_12	-1.63	0.10	0.010
	1	R50x30-19	SLU_09	15.51	0.10	0.168	SLU_12	-1.34	0.10	0.008
	1	R50x30-51	SLU_04	-14.71	0.10	0.160	SLU_12	0.21	0.10	0.001
1875	2	R50x30-52	SLU_04	-14.71	0.10	0.064	SLU_12	0.21	0.10	0.001
	3	R50x30-53	SLU_04	-14.71	0.10	0.160	SLU_12	0.21	0.10	0.001
	1	R50x30-19	SLU_09	-41.74	0.10	0.453	SLU_12	1.53	0.10	0.009
1877	1	R50x30-19	SLU_06	-8.68	0.10	0.094	SLU_12	0.12	0.10	0.001
1878	1	R50x30-51	SLU_04	-15.08	0.10	0.164	SLU_12	-0.66	0.10	0.004
	2	R50x30-52	SLU_04	-15.08	0.10	0.065	SLU_12	-0.66	0.10	0.002
	3	R50x30-53	SLU_04	-15.08	0.10	0.164	SLU_12	-0.66	0.10	0.004
1879	1	R50x30-19	SLU_09	15.52	0.10	0.168	SLU_12	2.13	0.10	0.013
1880	1	R50x30-25	SLU_04	21.35	0.10	0.232	SLU_12	2.87	0.10	0.017
	2	R50x30-21	SLU_04	21.35	0.10	0.093	SLU_12	2.87	0.10	0.007
	3	R50x30-26	SLU_04	21.35	0.10	0.232	SLU_12	2.87	0.10	0.017
1881	1	R50x30-28	SLU_04	18.99	0.10	0.206	SLU_12	3.55	0.10	0.021
1882	1	R50x30-28	SLU_04	20.87	0.10	0.226	SLU_12	-9.05	0.10	0.055
1883	1	R50x30-19	SLU_04	20.14	0.10	0.218	SLU_12	-6.34	0.10	0.038
1884	1	R50x30-21	SLU_12	-3.63	0.10	0.039	SLU_12	-6.37	0.10	0.038
1885	1	R30x80-2	SLU_06	-104.23	0.05	0.754	SLU_12	2.79	0.05	0.028
1886	1	R30x80-2	SLU_06	-90.57	0.05	0.655	SLU_12	-3.29	0.05	0.034
1887	1	R50x30-28	SLU_06	10.75	0.10	0.117	SLU_12	-1.17	0.10	0.007
1888	1	R50x30-26	SLU_12	-1.42	0.10	0.015	SLU_12	-1.45	0.10	0.009
	2	R50x30-21	SLU_12	-1.42	0.10	0.015	SLU_12	-1.45	0.10	0.009
1889	1	R50x30-19	SLU_06	18.21	0.10	0.197	SLU_12	-1.35	0.10	0.008

1890	1	R50x30-19	SLU_09	5.09	0.10	0.055	SLU_12	-0.65	0.10	0.004
1891	1	R60x30-2	SLU_04	-9.39	0.16	0.068	SLU_12	-0.26	0.08	0.002
1892	1	R60x30-2	SLU_04	-9.54	0.16	0.069	SLU_12	0.63	0.08	0.004
1893	1	R50x30-19	SLU_04	5.06	0.10	0.055	SLU_12	0.92	0.10	0.006
1894	1	R50x30-19	SLU_06	18.01	0.10	0.195	SLU_12	1.52	0.10	0.009
1895	1	R50x30-28	SLU_02	-1.63	0.10	0.018	SLU_12	1.91	0.10	0.011
1896	1	R50x30-28	SLU_06	10.36	0.10	0.112	SLU_12	0.40	0.10	0.002
1897	1	R70x30-8	SLU_06	47.66	0.16	0.345	SLU_12	1.71	0.08	0.009
1898	1	R70x30-9	SLU_06	71.64	0.16	0.518	SLU_12	-2.43	0.08	0.014
1900	1	R70x30-8	SLU_06	-58.19	0.16	0.421	SLU_12	0.68	0.08	0.004
1902	1	R70x30-12	SLU_06	81.77	0.16	0.591	SLU_12	1.67	0.08	0.009
1903	1	R70x30-12	SLU_06	-81.78	0.16	0.591	SLU_10	0.40	0.08	0.002
	2	R70x30-13	SLU_06	85.58	0.16	0.619	SLU_10	0.40	0.08	0.002
1905	1	R70x30-13	SLU_06	-85.72	0.16	0.620	SLU_12	-0.91	0.08	0.005
	2	R70x30-12	SLU_06	82.30	0.16	0.595	SLU_12	-0.91	0.08	0.005
1906	1	R70x30-8	SLU_06	-82.11	0.16	0.594	SLU_12	-1.98	0.08	0.011
1908	1	R70x30-8	SLU_06	58.98	0.16	0.426	SLU_12	-0.75	0.08	0.004
1910	1	R70x30-9	SLU_06	-71.00	0.16	0.513	SLU_12	3.50	0.08	0.019
1912	1	R50x30-28	SLU_06	-54.26	0.10	0.589	SLU_12	0.79	0.10	0.005
1913	1	R50x30-19	SLU_06	-53.46	0.10	0.580	SLU_12	-1.33	0.10	0.008
1914	1	R80x30-40	SLU_12	32.01	0.16	0.231	SLU_12	-13.84	0.08	0.071
	2	R80x30-39	SLU_12	32.01	0.16	0.231	SLU_12	-13.84	0.08	0.067
1916	1	R100x30-114	SLU_10	-119.62	0.21	0.649	SLU_12	-20.65	0.10	0.059
	2	R100x30-110	SLU_04	-61.81	0.21	0.134	SLU_12	-20.65	0.10	0.025
	3	R100x30-114	SLU_10	55.60	0.21	0.302	SLU_12	-20.65	0.10	0.059
1918	1	R100x30-110	SLU_10	-37.09	0.21	0.201	SLU_12	6.71	0.10	0.019
	2	R100x30-113	SLU_10	49.12	0.21	0.266	SLU_12	6.71	0.10	0.019
1919	1	R100x30-113	SLU_10	-147.48	0.21	0.800	SLU_12	-4.49	0.10	0.013
	2	R100x30-110	SLU_10	-50.68	0.21	0.110	SLU_12	-4.49	0.10	0.005
	3	R100x30-116	SLU_10	144.40	0.21	0.783	SLU_12	-4.49	0.10	0.013
1920	1	R100x30-110	SLU_10	-55.94	0.21	0.303	SLU_12	-20.17	0.10	0.058
	2	R100x30-111	SLU_10	89.72	0.21	0.487	SLU_12	-20.17	0.10	0.059
1922	1	R100x30-111	SLU_10	-120.28	0.21	0.652	SLU_12	13.09	0.10	0.039
	2	R100x30-110	SLU_10	75.35	0.21	0.163	SLU_12	13.09	0.10	0.016
	3	R100x30-109	SLU_10	172.14	0.21	0.934	SLU_12	13.09	0.10	0.037
1923	1	R100x30-109	SLU_10	-171.25	0.21	0.929	SLU_12	-13.55	0.10	0.039
	2	R100x30-110	SLU_10	-74.45	0.21	0.162	SLU_12	-13.55	0.10	0.016
	3	R100x30-111	SLU_10	120.03	0.21	0.651	SLU_12	-13.55	0.10	0.040
1925	1	R100x30-111	SLU_10	-92.94	0.21	0.504	SLU_12	21.32	0.10	0.063
	2	R100x30-110	SLU_12	63.81	0.21	0.346	SLU_12	21.32	0.10	0.061
1926	1	R100x30-110	SLU_10	-141.79	0.21	0.769	SLU_12	3.45	0.10	0.010
	2	R100x30-114	SLU_10	151.03	0.21	0.819	SLU_12	3.45	0.10	0.010
1927	1	R100x30-114	SLU_12	-83.47	0.21	0.453	SLU_12	-13.11	0.10	0.037
	2	R100x30-110	SLU_12	-50.83	0.21	0.276	SLU_12	-13.11	0.10	0.037
1929	1	R100x30-115	SLU_04	43.72	0.21	0.237	SLU_12	26.25	0.10	0.075
	2	R100x30-110	SLU_04	43.72	0.21	0.095	SLU_12	26.25	0.10	0.032
	3	R100x30-114	SLU_04	43.72	0.21	0.237	SLU_12	26.25	0.10	0.075
1933	1	R100x30-106	SLU_10	69.01	0.21	0.374	SLU_12	2.13	0.10	0.006
1935	1	R100x30-106	SLU_10	-68.22	0.21	0.370	SLU_12	-2.84	0.10	0.008

1938	1	R40x30-3	SLU_12	50.88	0.08	0.736	SLU_12	2.80	0.08	0.029
1939	1	R40x30-3	SLU_12	56.86	0.08	0.822	SLU_12	5.23	0.08	0.054
1940	1	R40x30-4	SLU_10	-31.46	0.08	0.455	SLU_12	-1.52	0.08	0.016
1941	1	R40x30-4	SLU_10	-18.59	0.08	0.269	SLU_12	-1.85	0.08	0.019
1961	1	R70x30-15	SLU_10	-36.14	0.16	0.261	SLU_12	13.79	0.08	0.077
1962	1	R70x30-15	SLU_10	-36.14	0.16	0.261	SLU_12	18.00	0.08	0.100
1963	1	R70x30-8	SLU_10	32.20	0.16	0.233	SLU_12	1.47	0.08	0.008
1964	1	R70x30-8	SLU_09	20.22	0.16	0.146	SLU_12	0.72	0.08	0.004
1965	1	R70x30-13	SLU_04	-16.60	0.16	0.120	SLU_12	-6.80	0.08	0.040
	2	R70x30-12	SLU_04	-16.60	0.16	0.048	SLU_12	-6.80	0.08	0.015
	3	R70x30-16	SLU_04	-16.60	0.16	0.120	SLU_12	-6.80	0.08	0.040
1966	1	R70x30-13	SLU_04	-17.36	0.16	0.125	SLU_12	6.59	0.08	0.039
	2	R70x30-12	SLU_04	-17.36	0.16	0.050	SLU_12	6.59	0.08	0.015
	3	R70x30-16	SLU_04	-17.36	0.16	0.125	SLU_12	6.59	0.08	0.039
1967	1	R70x30-8	SLU_12	21.14	0.16	0.153	SLU_12	-1.06	0.08	0.006
1968	1	R70x30-9	SLU_10	32.59	0.16	0.236	SLU_12	-1.13	0.08	0.006
1972	1	R50x30-19	SLU_12	65.27	0.10	0.708	SLU_12	8.51	0.10	0.051
1973	1	R50x30-19	SLU_12	67.24	0.10	0.729	SLU_12	16.93	0.10	0.102
1974	1	R50x30-19	SLU_10	-74.48	0.10	0.808	SLU_12	18.04	0.10	0.109
1975	1	R50x30-19	SLU_10	-73.71	0.10	0.799	SLU_12	-8.15	0.10	0.049
1976	1	R50x30-21	SLU_10	-17.53	0.10	0.190	SLU_12	-7.26	0.10	0.044
1977	1	R40x30-4	SLU_12	51.12	0.08	0.739	SLU_12	-18.56	0.08	0.192
1978	1	R40x30-4	SLU_12	47.06	0.08	0.681	SLU_12	-6.74	0.08	0.070
1979	1	R40x30-4	SLU_10	-22.63	0.08	0.327	SLU_12	4.51	0.08	0.047
1980	1	R40x30-4	SLU_10	-32.20	0.08	0.466	SLU_12	3.73	0.08	0.039
1981	1	L80x145-35	SLU_12	162.50	0.05	0.629	SLU_12	8.56	0.05	0.074
1985	1	R30x130-12	SLU_12	25.34	0.06	0.092	SLU_12	0.01	0.06	0.000
1988	1	R30x130-13	SLU_12	24.12	0.08	0.073	SLU_12	-0.03	0.08	0.000
1991	1	R30x130-13	SLU_12	12.67	0.08	0.038	SLU_12	0.05	0.08	0.000
1994	1	R30x130-17	SLU_12	5.25	0.08	0.016	SLU_12	0.07	0.08	0.000
1997	1	R30x130-17	SLU_02	1.23	0.08	0.004	SLU_12	0.04	0.08	0.000
2000	1	R30x130-17	SLU_12	1.45	0.08	0.004	SLU_12	0.03	0.08	0.000
2002	1	R30x130-11	SLU_12	4.49	0.05	0.019	SLU_12	3.10	0.05	0.019
2003	1	R30x130-11	SLU_12	27.93	0.05	0.121	SLU_12	3.27	0.05	0.021
2004	1	R30x130-11	SLU_12	2.40	0.05	0.010	SLU_12	-3.24	0.05	0.020
2005	1	R30x130-11	SLU_12	22.82	0.05	0.099	SLU_12	-3.46	0.05	0.022
2006	1	R30x130-16	SLU_12	3.13	0.05	0.014	SLU_12	-3.47	0.05	0.021
2007	1	R30x130-16	SLU_04	18.08	0.05	0.078	SLU_12	-3.47	0.05	0.022
2008	1	R30x130-11	SLU_12	-31.01	0.05	0.135	SLU_12	-3.34	0.05	0.021
2009	1	R30x130-11	SLU_12	-12.36	0.05	0.054	SLU_12	-3.06	0.05	0.018
2010	1	R30x130-11	SLU_12	-25.16	0.05	0.109	SLU_12	3.48	0.05	0.022
2011	1	R30x130-11	SLU_12	-9.97	0.05	0.043	SLU_12	3.23	0.05	0.020
2012	1	R30x130-16	SLU_12	-20.51	0.05	0.089	SLU_12	3.47	0.05	0.022
2013	1	R30x130-16	SLU_12	-6.84	0.05	0.030	SLU_12	3.45	0.05	0.021
2014	1	R30x130-16	SLU_04	-16.12	0.05	0.070	SLU_12	3.45	0.05	0.021
2015	1	R30x130-16	SLU_06	0.38	0.05	0.002	SLU_12	3.13	0.05	0.019
2016	1	R30x130-11	SLU_12	-28.50	0.05	0.124	SLU_12	-3.40	0.05	0.022
2017	1	R30x130-11	SLU_12	-8.17	0.05	0.035	SLU_12	3.26	0.05	0.019
2018	1	R30x130-16	SLU_12	-19.17	0.05	0.083	SLU_12	2.75	0.05	0.017

2019	1	R30x130-16	SLU_12	-17.64	0.05	0.077	SLU_12	-3.18	0.05	0.020
2020	1	R30x130-16	SLU_12	-1.40	0.05	0.006	SLU_12	-3.15	0.05	0.019
2021	1	R30x130-16	SLU_04	15.15	0.05	0.066	SLU_12	-3.46	0.05	0.022
2022	1	R30x130-16	SLU_12	17.34	0.05	0.075	SLU_12	3.18	0.05	0.020
2023	1	R30x130-16	SLU_04	18.32	0.05	0.079	SLU_12	-2.77	0.05	0.018
2024	1	R30x130-11	SLU_12	2.13	0.05	0.009	SLU_12	-3.23	0.05	0.019
2025	1	R30x130-11	SLU_12	28.20	0.05	0.122	SLU_12	3.11	0.05	0.020
2026	1	R30x90-5	SLU_12	-87.35	0.05	0.557	SLU_12	-10.57	0.05	0.229
2027	1	R30x90-6	SLU_12	108.65	0.06	0.578	SLU_12	-7.74	0.06	0.140
2028	1	R30x90-5	SLU_06	18.06	0.05	0.115	SLU_12	9.50	0.05	0.118
2029	1	R30x90-5	SLU_12	-20.15	0.05	0.129	SLU_12	2.99	0.05	0.033
2030	1	R30x90-5	SLU_12	-18.14	0.05	0.116	SLU_12	-2.00	0.05	0.023
2032	1	R30x90-6	SLU_12	96.56	0.06	0.513	SLU_12	8.11	0.06	0.147
2035	1	R30x90-5	SLU_12	-18.11	0.05	0.116	SLU_12	2.07	0.05	0.023
2047	1	R30x90-8	SLU_12	-26.02	0.05	0.166	SLU_12	2.21	0.05	0.032
2048	1	R30x90-8	SLU_12	3.90	0.05	0.025	SLU_12	2.28	0.05	0.030
2049	1	R30x90-8	SLU_12	-20.87	0.05	0.133	SLU_12	-9.67	0.05	0.131
2053	1	R30x90-8	SLU_12	-24.20	0.05	0.154	SLU_12	10.26	0.05	0.140
2055	1	R30x30-2	SLU_06	-63.81	0.08	0.923	SLU_12	-3.87	0.08	0.056
2056	1	R30x30-2	SLU_06	66.19	0.08	0.957	SLU_12	1.79	0.08	0.026
2060	1	R100x35-65	SLU_06	-32.22	0.21	0.146	SLU_12	-3.13	0.10	0.009
2061	1	R100x35-65	SLU_06	32.26	0.21	0.146	SLU_12	3.42	0.10	0.010
2062	1	R100x35-148	SLU_04	-113.15	0.21	0.511	SLU_12	-12.82	0.10	0.037
2063	1	R100x35-148	SLU_04	103.44	0.21	0.467	SLU_12	-21.67	0.10	0.062
	2	R100x35-149	SLU_04	150.61	0.21	0.681	SLU_12	-21.67	0.10	0.065
2064	1	R60x80-75	SLU_04	-402.41	0.18	0.842	SLU_12	-1.98	0.09	0.011
	2	R60x80-76	SLU_04	-345.42	0.15	0.867	SLU_12	-1.98	0.08	0.014
2065	1	R60x80-77	SLU_12	-60.92	0.10	0.220	SLU_12	1.06	0.05	0.010
	2	R60x80-78	SLU_12	183.04	0.10	0.662	SLU_12	1.06	0.05	0.010
	3	R60x80-79	SLU_04	284.26	0.13	0.856	SLU_12	1.06	0.06	0.009
2066	1	R60x80-80	SLU_04	-283.06	0.13	0.853	SLU_12	-1.07	0.06	0.009
	2	R60x80-81	SLU_12	-182.03	0.10	0.658	SLU_12	-1.07	0.05	0.010
	3	R60x80-82	SLU_12	61.50	0.10	0.222	SLU_12	-1.07	0.05	0.010
2067	1	R60x80-83	SLU_04	346.48	0.15	0.870	SLU_12	1.97	0.08	0.013
	2	R60x80-84	SLU_04	403.47	0.18	0.844	SLU_12	1.97	0.09	0.011
2068	1	R120x35-20	SLU_07	-193.93	0.21	0.876	SLU_12	-8.09	0.10	0.021
2069	1	R120x35-20	SLU_07	194.84	0.21	0.881	SLU_12	8.47	0.10	0.022
2070	1	R100x35-123	SLU_03	-138.45	0.21	0.626	SLU_12	-20.41	0.10	0.058
2071	1	R100x35-123	SLU_03	98.04	0.21	0.443	SLU_12	20.64	0.10	0.059
	2	R100x35-145	SLU_03	137.48	0.21	0.621	SLU_12	20.64	0.10	0.059
2072	1	R100x35-124	SLU_03	-398.79	0.42	0.901	SLU_12	-6.94	0.21	0.010
	2	R100x35-78	SLU_03	-296.45	0.30	0.930	SLU_12	-6.94	0.15	0.014
2073	1	R100x35-122	SLU_03	217.99	0.21	0.985	SLU_12	6.07	0.10	0.017
	2	R100x35-121	SLU_03	399.28	0.42	0.902	SLU_12	6.07	0.21	0.009
2074	1	R50x60-18	SLU_03	-129.05	0.09	0.736	SLU_12	7.69	0.09	0.054
	2	R50x60-19	SLU_03	-129.05	0.09	0.736	SLU_12	7.69	0.09	0.054
2075	1	R50x60-20	SLU_03	196.25	0.10	0.967	SLU_12	14.43	0.10	0.087
2076	1	R50x60-18	SLU_03	-132.13	0.09	0.754	SLU_12	-7.54	0.09	0.053
	2	R50x60-21	SLU_03	-132.13	0.09	0.754	SLU_12	-7.54	0.09	0.053

2077	1	R50x60-20	SLU_03	193.53	0.10	0.954	SLU_12	-14.34	0.10	0.086
	2	R50x60-22	SLU_03	193.53	0.10	0.954	SLU_12	-14.34	0.10	0.086
2078	1	R100x35-119	SLU_03	-188.32	0.21	0.851	SLU_12	-14.06	0.10	0.040
2079	1	R100x35-119	SLU_03	207.24	0.21	0.937	SLU_12	22.46	0.10	0.064
	2	R100x35-132	SLU_03	278.44	0.31	0.839	SLU_12	22.46	0.16	0.045
2080	1	R50x80-57	SLU_03	-151.65	0.09	0.635	SLU_12	7.21	0.09	0.050
2081	1	R50x80-56	SLU_03	65.11	0.09	0.272	SLU_12	-6.65	0.09	0.046
	2	R50x80-57	SLU_03	118.56	0.09	0.496	SLU_12	-6.65	0.09	0.046
2082	1	R50x80-65	SLU_03	-120.15	0.09	0.503	SLU_12	12.31	0.09	0.083
	2	R50x80-66	SLU_12	-85.06	0.09	0.356	SLU_12	12.31	0.09	0.083
2083	1	R50x80-65	SLU_12	-51.41	0.09	0.215	SLU_12	12.31	0.09	0.083
	3	R50x80-65	SLU_12	-51.41	0.09	0.215	SLU_12	12.31	0.09	0.083
2083	1	R50x80-65	SLU_03	83.70	0.09	0.350	SLU_12	-10.02	0.09	0.069
2084	1	R50x80-65	SLU_03	-118.61	0.09	0.496	SLU_12	6.72	0.09	0.047
	2	R50x80-67	SLU_03	-65.17	0.09	0.273	SLU_12	6.72	0.09	0.047
2085	1	R50x80-65	SLU_03	151.42	0.09	0.634	SLU_12	-7.20	0.09	0.050
2086	1	R50x80-65	SLU_03	-81.79	0.09	0.342	SLU_12	9.96	0.09	0.068
2087	1	R50x80-65	SLU_12	53.31	0.09	0.223	SLU_12	-12.35	0.09	0.083
	2	R50x80-66	SLU_12	86.96	0.09	0.364	SLU_12	-12.35	0.09	0.083
2088	1	R50x80-65	SLU_03	122.06	0.09	0.511	SLU_12	-12.35	0.09	0.083
	3	R50x80-65	SLU_03	122.06	0.09	0.511	SLU_12	-12.35	0.09	0.083
2088	1	R50x35-14	SLU_04	3.10	0.10	0.028	SLU_12	2.54	0.10	0.015
2093	1	R50x35-15	SLU_12	3.13	0.10	0.028	SLU_12	1.93	0.10	0.012
2098	1	R50x35-15	SLU_12	3.06	0.10	0.028	SLU_12	1.52	0.10	0.009
2103	1	R50x35-15	SLU_12	2.66	0.10	0.024	SLU_12	1.23	0.10	0.007
2108	1	R50x35-15	SLU_12	2.99	0.10	0.027	SLU_12	-1.35	0.10	0.008
2113	1	R50x35-15	SLU_12	2.34	0.10	0.021	SLU_12	-1.04	0.10	0.006
2118	1	R50x35-15	SLU_12	2.21	0.10	0.020	SLU_12	1.06	0.10	0.006
2123	1	R50x35-15	SLU_12	2.93	0.10	0.027	SLU_12	1.36	0.10	0.008
2128	1	R50x35-15	SLU_12	2.72	0.10	0.025	SLU_12	-1.21	0.10	0.007
2133	1	R50x35-15	SLU_12	2.83	0.10	0.026	SLU_12	-1.51	0.10	0.009
2138	1	R50x35-15	SLU_12	2.88	0.10	0.026	SLU_12	-1.95	0.10	0.012
2143	1	R50x35-14	SLU_04	3.51	0.10	0.032	SLU_12	-2.53	0.10	0.015
2148	1	R100x35-67	SLU_04	-215.96	0.23	0.904	SLU_12	14.96	0.11	0.041
	2	R100x35-140	SLU_04	-159.80	0.23	0.669	SLU_12	14.96	0.11	0.040
2149	1	R100x35-70	SLU_04	117.63	0.21	0.532	SLU_12	-3.20	0.10	0.009
	2	R100x35-66	SLU_04	211.00	0.21	0.954	SLU_12	-3.20	0.10	0.009
2150	1	R100x35-67	SLU_04	-224.42	0.23	0.939	SLU_12	22.65	0.11	0.062
	2	R100x35-140	SLU_04	-168.01	0.23	0.703	SLU_12	22.65	0.11	0.060
2151	1	R100x35-70	SLU_04	118.75	0.21	0.537	SLU_12	16.70	0.10	0.048
	2	R100x35-66	SLU_04	211.91	0.21	0.958	SLU_12	16.70	0.10	0.049
2152	1	R50x80-65	SLU_12	-224.47	0.09	0.939	SLU_12	-4.16	0.09	0.029
2153	1	R50x80-65	SLU_12	172.25	0.09	0.721	SLU_12	-7.00	0.09	0.049
2154	1	R50x80-82	SLU_04	-224.90	0.09	0.941	SLU_12	5.57	0.09	0.039
2155	1	R50x80-82	SLU_04	201.79	0.09	0.844	SLU_12	6.97	0.09	0.049
2156	1	R50x80-82	SLU_04	-201.67	0.09	0.844	SLU_12	-7.08	0.09	0.049
2157	1	R50x80-82	SLU_04	224.87	0.09	0.941	SLU_12	-5.67	0.09	0.040
2158	1	R50x80-65	SLU_12	-170.52	0.09	0.714	SLU_12	7.23	0.09	0.050
2159	1	R50x80-65	SLU_12	225.64	0.09	0.944	SLU_12	5.58	0.09	0.039
2160	1	R50x35-15	SLU_12	0.91	0.10	0.008	SLU_12	1.21	0.10	0.007
2165	1	R50x35-15	SLU_12	1.18	0.10	0.011	SLU_12	0.77	0.10	0.005

2170	1	R50x35-15	SLU_12	1.01	0.10	0.009	SLU_12	0.46	0.10	0.003
2175	1	R50x35-15	SLU_12	1.23	0.10	0.011	SLU_12	-0.54	0.10	0.003
2180	1	R50x35-15	SLU_12	1.30	0.10	0.012	SLU_12	-1.00	0.10	0.006
2185	1	R50x35-15	SLU_12	-1.19	0.10	0.011	SLU_12	0.93	0.10	0.006
2190	1	R50x35-15	SLU_12	-1.24	0.10	0.011	SLU_12	0.45	0.10	0.003
2195	1	R50x35-15	SLU_12	-1.17	0.10	0.011	SLU_12	-0.44	0.10	0.003
2200	1	R50x35-15	SLU_12	0.90	0.10	0.008	SLU_12	-0.77	0.10	0.005
2205	1	R50x35-15	SLU_12	-0.79	0.10	0.007	SLU_12	-1.20	0.10	0.007
2210	1	R50x35-15	SLU_04	-2.61	0.10	0.024	SLU_12	-2.56	0.10	0.015
2215	1	R50x35-15	SLU_04	-2.95	0.10	0.027	SLU_12	2.56	0.10	0.015
2220	1	R100x35-102	SLU_01	-262.92	0.31	0.792	SLU_12	-3.06	0.16	0.006
	2	R100x35-103	SLU_01	-145.81	0.21	0.659	SLU_12	-3.06	0.10	0.009
2223	1	R80x30-31	SLU_04	7.63	0.16	0.055	SLU_12	-29.98	0.08	0.145
2224	1	R100x35-104	SLU_01	195.49	0.21	0.883	SLU_12	-6.66	0.10	0.019
	2	R100x35-102	SLU_01	266.42	0.31	0.803	SLU_12	-6.66	0.16	0.013
2225	1	R100x35-102	SLU_02	-245.33	0.31	0.739	SLU_12	4.28	0.16	0.008
	2	R100x35-104	SLU_02	-180.09	0.21	0.814	SLU_12	4.28	0.10	0.012
2226	1	R100x30-85	SLU_06	43.76	0.21	0.237	SLU_12	33.00	0.10	0.094
2228	1	R100x35-103	SLU_02	134.89	0.21	0.610	SLU_12	2.65	0.10	0.008
	2	R100x35-102	SLU_02	243.38	0.31	0.733	SLU_12	2.65	0.16	0.005
2229	1	R100x35-114	SLU_01	-197.59	0.21	0.893	SLU_12	6.69	0.10	0.020
	2	R100x35-113	SLU_01	-145.11	0.21	0.656	SLU_12	6.69	0.10	0.019
2230	1	R100x35-115	SLU_01	107.62	0.21	0.486	SLU_12	3.02	0.10	0.009
	2	R100x35-114	SLU_01	194.28	0.21	0.878	SLU_12	3.02	0.10	0.009
2231	1	R100x35-93	SLU_02	-294.83	0.31	0.888	SLU_12	-2.58	0.16	0.005
	2	R100x35-95	SLU_02	-162.17	0.21	0.733	SLU_12	-2.58	0.10	0.007
2232	1	R100x35-79	SLU_02	223.75	0.30	0.702	SLU_12	-7.04	0.15	0.014
	2	R100x35-93	SLU_02	304.09	0.31	0.916	SLU_12	-7.04	0.16	0.014
2233	1	R100x35-108	SLU_02	-278.71	0.31	0.840	SLU_12	6.02	0.16	0.012
	2	R100x35-106	SLU_02	-204.64	0.21	0.925	SLU_12	6.02	0.10	0.017
2234	1	R100x35-109	SLU_02	152.99	0.21	0.691	SLU_12	-1.79	0.10	0.005
	2	R100x35-108	SLU_02	276.15	0.31	0.832	SLU_12	-1.79	0.16	0.004
2235	1	R100x35-110	SLU_02	-119.47	0.21	0.540	SLU_12	-2.94	0.10	0.009
	2	R100x35-106	SLU_02	-85.01	0.21	0.384	SLU_12	-2.94	0.10	0.008
2236	1	R100x35-106	SLU_02	94.32	0.21	0.426	SLU_12	6.81	0.10	0.019
	2	R100x35-110	SLU_02	128.78	0.21	0.582	SLU_12	6.81	0.10	0.021
2237	1	L80x145-31	SLU_12	-346.30	0.08	0.932	SLU_12	-39.92	0.08	0.241
2238	1	L80x145-36	SLU_12	-347.10	0.08	0.896	SLU_04	-23.65	0.08	0.137
	2	L80x145-37	SLU_12	-232.45	0.05	0.900	SLU_04	-23.65	0.05	0.205
	3	L80x145-39	SLU_12	142.77	0.08	0.387	SLU_04	-23.65	0.05	0.205
2239	1	L80x145-38	SLU_06	-337.04	0.08	0.878	SLU_12	-12.20	0.08	0.071
	2	L80x145-37	SLU_04	204.85	0.05	0.794	SLU_12	-12.20	0.05	0.106
2240	1	L80x145-32	SLU_04	258.84	0.06	0.842	SLU_12	54.89	0.06	0.397
	2	L80x145-33	SLU_04	366.80	0.08	0.955	SLU_12	54.89	0.08	0.318
	3	L80x145-34	SLU_04	474.76	0.10	0.931	SLU_12	54.89	0.10	0.238
2241	1	R100x35-99	SLU_01	-186.69	0.21	0.844	SLU_12	6.77	0.10	0.020
	2	R100x35-98	SLU_01	-137.71	0.21	0.622	SLU_12	6.77	0.10	0.019
2242	1	R100x35-98	SLU_01	97.61	0.21	0.441	SLU_12	2.45	0.10	0.007
	2	R100x35-99	SLU_01	178.50	0.21	0.807	SLU_12	2.45	0.10	0.007

2243	1	R100x35-93	SLU_02 -307.54	0.31	0.927	SLU_12 5.01	0.16	0.010
	2	R100x35-79	SLU_02 -228.54	0.30	0.717	SLU_12 5.01	0.15	0.010
2244	1	R100x35-95	SLU_02 167.76	0.21	0.758	SLU_12 -0.93	0.10	0.003
	2	R100x35-93	SLU_02 309.66	0.31	0.933	SLU_12 -0.93	0.16	0.002
2245	1	R120x35-11	SLU_02 -210.48	0.21	0.951	SLU_12 1.37	0.10	0.003
2246	1	R120x35-11	SLU_02 -167.06	0.21	0.755	SLU_12 -3.01	0.10	0.007
	2	R120x35-13	SLU_02 240.90	0.31	0.726	SLU_12 -3.01	0.16	0.005
2247	1	R50x35-14	SLU_12 -2.01	0.10	0.018	SLU_12 0.71	0.10	0.004
2252	1	R50x35-14	SLU_12 -2.13	0.10	0.019	SLU_12 0.54	0.10	0.003
2257	1	R50x35-14	SLU_12 -2.50	0.10	0.023	SLU_12 -0.47	0.10	0.003
2262	1	R50x35-14	SLU_12 -2.67	0.10	0.024	SLU_12 -0.52	0.10	0.003
2267	1	R50x35-15	SLU_12 -2.68	0.10	0.024	SLU_12 -0.39	0.10	0.002
2272	1	R80x35-13	SLU_12 -3.99	0.16	0.024	SLU_12 0.19	0.08	0.001
2277	1	R80x35-13	SLU_12 -3.91	0.16	0.024	SLU_12 0.29	0.08	0.001
2282	1	L80x145-16	SLU_12 25.30	0.05	0.098	SLU_12 4.03	0.05	0.035
2287	1	R50x35-14	SLU_12 -2.19	0.10	0.020	SLU_12 0.47	0.10	0.003
2292	1	R50x35-14	SLU_12 -2.06	0.10	0.019	SLU_12 -0.63	0.10	0.004
2297	1	R50x35-15	SLU_04 -3.36	0.10	0.030	SLU_12 -0.97	0.10	0.006
2302	1	R50x35-15	SLU_04 -3.12	0.10	0.028	SLU_12 0.98	0.10	0.006
2307	1	R50x60-10	SLU_02 -98.07	0.09	0.560	SLU_12 -1.46	0.09	0.010
	2	R50x60-11	SLU_02 -98.07	0.09	0.224	SLU_12 -1.46	0.09	0.004
	3	R50x60-12	SLU_02 -98.07	0.09	0.560	SLU_12 -1.46	0.09	0.010
2308	1	R50x60-11	SLU_02 150.64	0.09	0.860	SLU_12 1.72	0.09	0.012
2309	1	R50x60-11	SLU_01 -72.28	0.09	0.412	SLU_12 1.45	0.09	0.010
	2	R50x60-12	SLU_01 -72.28	0.09	0.412	SLU_12 1.45	0.09	0.010
2310	1	R50x60-11	SLU_01 111.33	0.09	0.635	SLU_12 -2.04	0.09	0.014
2311	1	R100x35-92	SLU_02 -177.96	0.21	0.804	SLU_12 2.13	0.10	0.006
2312	1	R100x35-92	SLU_02 185.68	0.21	0.839	SLU_12 -4.17	0.10	0.012
	2	R100x35-93	SLU_02 253.19	0.31	0.763	SLU_12 -4.17	0.16	0.008
2313	1	R50x80-70	SLU_02 -103.02	0.09	0.431	SLU_12 -2.58	0.09	0.018
	2	R50x80-71	SLU_02 -69.50	0.09	0.291	SLU_12 -2.58	0.09	0.017
	3	R50x80-69	SLU_02 -34.07	0.09	0.143	SLU_12 -2.58	0.09	0.017
2314	1	R50x80-69	SLU_02 38.99	0.09	0.163	SLU_12 1.89	0.09	0.013
	2	R50x80-70	SLU_02 75.95	0.09	0.318	SLU_12 1.89	0.09	0.013
2315	1	R50x80-57	SLU_02 -134.07	0.09	0.561	SLU_12 -1.23	0.09	0.008
2316	1	R50x80-56	SLU_02 62.63	0.09	0.262	SLU_12 2.00	0.09	0.014
	2	R50x80-57	SLU_02 113.31	0.09	0.474	SLU_12 2.00	0.09	0.014
2317	1	R50x80-57	SLU_02 -121.17	0.09	0.507	SLU_12 -8.05	0.09	0.056
2318	1	R50x80-56	SLU_02 104.07	0.09	0.435	SLU_12 0.41	0.09	0.003
	2	R50x80-58	SLU_02 163.59	0.09	0.685	SLU_12 0.41	0.09	0.003
2319	1	R50x80-57	SLU_02 -113.22	0.09	0.474	SLU_12 -1.67	0.09	0.012
	2	R50x80-56	SLU_02 -62.53	0.09	0.262	SLU_12 -1.67	0.09	0.012
2320	1	R50x80-57	SLU_02 134.17	0.09	0.561	SLU_12 1.36	0.09	0.009
2321	1	R50x80-65	SLU_02 -69.17	0.09	0.289	SLU_12 -1.94	0.09	0.013
2322	1	R50x80-65	SLU_02 33.33	0.09	0.139	SLU_12 2.86	0.09	0.019
	2	R50x80-66	SLU_01 73.61	0.09	0.308	SLU_12 2.86	0.09	0.019
2323	1	L80x145-40	SLU_01 -406.37	0.09	0.922	SLU_12 -47.26	0.09	0.237
	2	L80x145-41	SLU_01 -314.36	0.08	0.853	SLU_12 -47.26	0.08	0.285
2324	1	L80x145-47	SLU_01 -176.36	0.08	0.474	SLU_12 11.28	0.05	0.098

2324	2	L80x145-43	SLU_01	289.39	0.06	0.942	SLU_12	11.28	0.06	0.082
	1	L80x145-44	SLU_01	-154.10	0.05	0.602	SLU_04	11.97	0.05	0.104
2325	2	L80x145-42	SLU_12	153.84	0.05	0.596	SLU_04	11.97	0.05	0.104
	3	L80x145-45	SLU_12	249.40	0.06	0.805	SLU_04	11.97	0.06	0.087
2326	1	L80x145-46	SLU_01	267.29	0.06	0.870	SLU_12	53.95	0.06	0.390
2327	1	L80x145-30	SLU_04	-0.83	0.08	0.002	SLU_12	-0.87	0.08	0.005
2332	1	R100x30-69	SLU_01	-186.28	0.23	0.935	SLU_12	-1.36	0.11	0.004
	2	R100x30-70	SLU_01	-103.60	0.23	0.520	SLU_12	-1.36	0.11	0.004
2333	1	R100x30-70	SLU_01	137.29	0.23	0.689	SLU_12	2.48	0.11	0.007
	2	R100x30-69	SLU_01	187.36	0.23	0.941	SLU_12	2.48	0.11	0.007
2334	1	R100x30-69	SLU_01	-187.15	0.23	0.940	SLU_12	-3.07	0.11	0.008
	2	R100x30-70	SLU_01	-137.31	0.23	0.689	SLU_12	-3.07	0.11	0.008
2335	1	R100x30-70	SLU_01	103.30	0.23	0.519	SLU_12	-1.05	0.11	0.003
	2	R100x30-69	SLU_01	186.17	0.23	0.935	SLU_12	-1.05	0.11	0.003
2336	1	R100x30-69	SLU_01	-186.58	0.23	0.937	SLU_12	-0.71	0.11	0.002
	2	R100x30-70	SLU_01	-103.71	0.23	0.521	SLU_12	-0.71	0.11	0.002
2337	1	R100x30-70	SLU_01	136.79	0.23	0.687	SLU_12	2.38	0.11	0.006
	2	R100x30-69	SLU_01	186.63	0.23	0.937	SLU_12	2.38	0.11	0.007
2338	1	R100x30-69	SLU_01	-187.09	0.23	0.939	SLU_12	-2.34	0.11	0.006
	2	R100x30-70	SLU_01	-137.02	0.23	0.688	SLU_12	-2.34	0.11	0.006
2339	1	R100x30-70	SLU_01	103.85	0.23	0.521	SLU_12	1.45	0.11	0.004
	2	R100x30-69	SLU_01	186.53	0.23	0.937	SLU_12	1.45	0.11	0.004
2340	1	R100x30-100	SLU_01	-172.30	0.21	0.934	SLU_12	1.11	0.10	0.003
	2	R100x30-107	SLU_01	-95.13	0.21	0.516	SLU_12	1.11	0.10	0.003
2341	1	R100x30-102	SLU_01	129.69	0.23	0.651	SLU_12	3.27	0.11	0.009
	2	R100x30-101	SLU_01	176.43	0.23	0.886	SLU_12	3.27	0.11	0.009
2342	1	R100x30-100	SLU_01	-174.86	0.21	0.948	SLU_12	-1.61	0.10	0.005
	2	R100x30-99	SLU_01	-128.35	0.21	0.696	SLU_12	-1.61	0.10	0.005
2343	1	R100x30-107	SLU_01	96.23	0.21	0.522	SLU_12	-1.02	0.10	0.003
	2	R100x30-100	SLU_01	173.58	0.21	0.941	SLU_12	-1.02	0.10	0.003
2344	1	R100x30-104	SLU_06	-47.92	0.21	0.260	SLU_12	3.13	0.10	0.009
	2	R100x30-99	SLU_06	-43.69	0.21	0.237	SLU_12	3.13	0.10	0.009
2345	1	R100x30-99	SLU_06	42.72	0.21	0.232	SLU_12	-3.01	0.10	0.009
	2	R100x30-104	SLU_06	46.95	0.21	0.255	SLU_12	-3.01	0.10	0.009
2346	1	R100x30-100	SLU_01	-174.14	0.21	0.944	SLU_12	0.88	0.10	0.003
	2	R100x30-107	SLU_01	-96.79	0.21	0.525	SLU_12	0.88	0.10	0.003
2347	1	R100x30-99	SLU_01	127.93	0.21	0.694	SLU_12	-1.20	0.10	0.003
	2	R100x30-100	SLU_01	174.45	0.21	0.946	SLU_12	-1.20	0.10	0.004
2348	1	R100x30-101	SLU_01	-176.06	0.23	0.884	SLU_12	-3.24	0.11	0.009
	2	R100x30-102	SLU_01	-129.32	0.23	0.649	SLU_12	-3.24	0.11	0.009
2349	1	R100x30-107	SLU_01	95.51	0.21	0.518	SLU_12	-0.96	0.10	0.003
	2	R100x30-100	SLU_01	172.68	0.21	0.936	SLU_12	-0.96	0.10	0.003
2350	1	R100x30-69	SLU_01	-182.95	0.23	0.919	SLU_12	2.18	0.11	0.006
	2	R100x30-70	SLU_01	-135.75	0.23	0.682	SLU_12	2.18	0.11	0.006
2351	1	R100x30-70	SLU_01	99.86	0.23	0.501	SLU_12	-1.17	0.11	0.003
	2	R100x30-69	SLU_01	184.45	0.23	0.926	SLU_12	-1.17	0.11	0.003
2352	1	R100x30-69	SLU_01	-184.39	0.23	0.926	SLU_12	1.17	0.11	0.003
	2	R100x30-70	SLU_01	-99.79	0.23	0.501	SLU_12	1.17	0.11	0.003
2353	1	R100x30-70	SLU_01	135.79	0.23	0.682	SLU_12	-1.92	0.11	0.005

2353	2	R100x30-69	SLU_01	182.99	0.23	0.919	SLU_12	-1.92	0.11	0.005
2354	1	R50x30-21	SLU_12	-0.80	0.10	0.009	SLU_12	-0.25	0.10	0.002
2359	1	R50x30-21	SLU_12	-0.85	0.10	0.009	SLU_12	-0.20	0.10	0.001
2364	1	R50x30-21	SLU_12	-1.00	0.10	0.011	SLU_12	-0.18	0.10	0.001
2369	1	R50x30-21	SLU_12	-1.06	0.10	0.012	SLU_12	0.19	0.10	0.001
2374	1	R50x30-21	SLU_12	-1.18	0.10	0.013	SLU_12	0.21	0.10	0.001
2379	1	R50x30-21	SLU_12	-1.18	0.10	0.013	SLU_12	-0.13	0.10	0.001
2384	1	R50x30-21	SLU_12	-1.18	0.10	0.013	SLU_12	0.13	0.10	0.001
2389	1	R50x30-21	SLU_12	-1.26	0.10	0.014	SLU_12	0.15	0.10	0.001
2394	1	R50x30-21	SLU_12	-0.94	0.10	0.010	SLU_12	-0.18	0.10	0.001
2399	1	R50x30-21	SLU_12	-0.83	0.10	0.009	SLU_12	0.23	0.10	0.001
2404	1	R50x30-21	SLU_04	-1.50	0.10	0.016	SLU_12	0.29	0.10	0.002
2409	1	R50x30-21	SLU_04	-1.71	0.10	0.019	SLU_12	-0.29	0.10	0.002
	1	R50x60-10	SLU_01	-68.95	0.09	0.393	SLU_12	-1.17	0.09	0.008
2414	2	R50x60-11	SLU_01	-68.95	0.09	0.157	SLU_12	-1.17	0.09	0.003
	3	R50x60-12	SLU_01	-68.95	0.09	0.393	SLU_12	-1.17	0.09	0.008
2415	1	R50x60-11	SLU_01	109.64	0.09	0.626	SLU_12	-1.43	0.09	0.010
	1	R50x60-10	SLU_01	-70.52	0.09	0.402	SLU_12	1.00	0.09	0.007
2416	2	R50x60-11	SLU_01	-70.52	0.09	0.161	SLU_12	1.00	0.09	0.003
	3	R50x60-12	SLU_01	-70.52	0.09	0.402	SLU_12	1.00	0.09	0.007
2417	1	R50x60-11	SLU_01	107.98	0.09	0.616	SLU_12	1.76	0.09	0.012
2418	1	R100x30-67	SLU_01	-106.60	0.21	0.578	SLU_12	1.62	0.10	0.005
	1	R100x30-67	SLU_01	103.97	0.21	0.564	SLU_12	-2.47	0.10	0.007
2419	2	R100x30-82	SLU_01	143.04	0.21	0.776	SLU_12	-2.47	0.10	0.007
	1	R100x30-82	SLU_01	-142.51	0.21	0.773	SLU_12	2.72	0.10	0.008
2420	2	R100x30-67	SLU_01	-103.44	0.21	0.561	SLU_12	2.72	0.10	0.008
2421	1	R100x30-67	SLU_01	106.76	0.21	0.579	SLU_12	-1.68	0.10	0.005
	1	R50x80-84	SLU_01	-60.83	0.09	0.255	SLU_12	-2.23	0.09	0.015
2422	2	R50x80-71	SLU_01	-41.44	0.09	0.173	SLU_12	-2.23	0.09	0.015
	3	R50x80-69	SLU_01	-20.93	0.09	0.088	SLU_12	-2.23	0.09	0.015
	1	R50x80-69	SLU_01	21.06	0.09	0.088	SLU_12	1.71	0.09	0.011
2423	2	R50x80-70	SLU_01	42.45	0.09	0.178	SLU_12	1.71	0.09	0.012
2424	1	R50x80-57	SLU_01	-79.38	0.09	0.332	SLU_12	-1.59	0.09	0.011
	1	R50x80-56	SLU_01	34.19	0.09	0.143	SLU_12	1.99	0.09	0.014
2425	2	R50x80-57	SLU_01	63.52	0.09	0.266	SLU_12	1.99	0.09	0.014
	1	R50x80-69	SLU_01	-63.65	0.09	0.266	SLU_12	-2.07	0.09	0.014
2426	2	R50x80-68	SLU_01	-34.32	0.09	0.144	SLU_12	-2.07	0.09	0.014
2427	1	R50x80-69	SLU_01	79.36	0.09	0.332	SLU_12	1.70	0.09	0.012
2428	1	R50x80-69	SLU_01	-41.23	0.09	0.173	SLU_12	-1.87	0.09	0.013
	1	R50x80-69	SLU_01	22.30	0.09	0.093	SLU_12	2.27	0.09	0.015
2429	2	R50x80-71	SLU_01	42.81	0.09	0.179	SLU_12	2.27	0.09	0.015
	3	R50x80-84	SLU_01	62.21	0.09	0.260	SLU_12	2.27	0.09	0.016
	1	R100x30-69	SLU_01	-186.59	0.23	0.937	SLU_12	-0.78	0.11	0.002
2430	2	R100x30-70	SLU_01	86.65	0.23	0.174	SLU_12	1.48	0.11	0.002
	3	R100x30-69	SLU_01	186.79	0.23	0.938	SLU_12	1.48	0.11	0.004
	1	R100x30-69	SLU_01	-186.75	0.23	0.938	SLU_12	-1.42	0.11	0.004
2432	2	R100x30-70	SLU_01	-136.91	0.23	0.687	SLU_12	-1.42	0.11	0.004
	1	R100x30-70	SLU_01	103.66	0.23	0.521	SLU_12	0.45	0.11	0.001
2433	2	R100x30-69	SLU_01	186.53	0.23	0.937	SLU_12	0.45	0.11	0.001

2434	1	R100x30-69	SLU_01 -186.64	0.23	0.937	SLU_12 -0.47	0.11	0.001
	2	R100x30-70	SLU_01 -103.77	0.23	0.521	SLU_12 -0.47	0.11	0.001
2435	1	R100x30-70	SLU_01 136.79	0.23	0.687	SLU_12 1.35	0.11	0.004
	2	R100x30-69	SLU_01 186.63	0.23	0.937	SLU_12 1.35	0.11	0.004
2436	1	R100x30-69	SLU_01 -186.68	0.23	0.937	SLU_12 -1.52	0.11	0.004
	2	R100x30-70	SLU_01 -136.61	0.23	0.686	SLU_12 -1.52	0.11	0.004
2437	1	R100x30-70	SLU_01 104.02	0.23	0.522	SLU_12 0.77	0.11	0.002
	2	R100x30-69	SLU_01 186.70	0.23	0.938	SLU_12 0.77	0.11	0.002
2438	1	R100x30-100	SLU_01 -173.24	0.21	0.939	SLU_01 0.80	0.10	0.002
	2	R100x30-107	SLU_01 81.82	0.21	0.177	SLU_12 0.95	0.10	0.001
	3	R100x30-100	SLU_01 175.28	0.21	0.951	SLU_12 0.95	0.10	0.003
2440	1	R100x30-100	SLU_01 -174.43	0.21	0.946	SLU_12 0.88	0.10	0.003
	2	R100x30-99	SLU_01 -127.91	0.21	0.694	SLU_12 0.88	0.10	0.003
2441	1	R100x30-107	SLU_01 96.65	0.21	0.524	SLU_12 -0.46	0.10	0.001
	2	R100x30-100	SLU_01 173.99	0.21	0.944	SLU_12 -0.46	0.10	0.001
2442	1	R100x30-99	SLU_06 -73.38	0.21	0.398	SLU_12 1.72	0.10	0.005
2443	1	R100x30-99	SLU_06 73.37	0.21	0.398	SLU_12 -1.69	0.10	0.005
2444	1	R100x30-100	SLU_01 -174.14	0.21	0.944	SLU_12 0.45	0.10	0.001
	2	R100x30-107	SLU_01 -96.79	0.21	0.525	SLU_12 0.45	0.10	0.001
2445	1	R100x30-99	SLU_01 127.77	0.21	0.693	SLU_12 -0.84	0.10	0.002
	2	R100x30-100	SLU_01 174.28	0.21	0.945	SLU_12 -0.84	0.10	0.002
2446	1	R100x30-100	SLU_01 -175.09	0.21	0.950	SLU_12 -0.96	0.10	0.003
	2	R100x30-99	SLU_01 -128.36	0.21	0.696	SLU_12 -0.96	0.10	0.003
2447	1	R100x30-107	SLU_01 96.26	0.21	0.522	SLU_01 -0.82	0.10	0.002
	2	R100x30-100	SLU_01 173.43	0.21	0.941	SLU_01 -0.82	0.10	0.002
2448	1	R100x30-101	SLU_01 -181.41	0.23	0.911	SLU_12 1.46	0.11	0.004
	2	R100x30-102	SLU_01 -134.21	0.23	0.674	SLU_12 1.46	0.11	0.004
2449	1	R100x30-103	SLU_01 100.33	0.23	0.504	SLU_12 -0.63	0.11	0.002
	2	R100x30-101	SLU_01 184.93	0.23	0.929	SLU_12 -0.63	0.11	0.002
2450	1	R100x30-101	SLU_01 -184.91	0.23	0.929	SLU_12 0.60	0.11	0.002
	2	R100x30-103	SLU_01 -100.32	0.23	0.504	SLU_12 0.60	0.11	0.002
2451	1	R100x30-102	SLU_01 134.20	0.23	0.674	SLU_12 -1.39	0.11	0.004
	2	R100x30-101	SLU_01 181.41	0.23	0.911	SLU_12 -1.39	0.11	0.004
2452	1	R50x30-21	SLU_12 -0.40	0.10	0.004	SLU_12 -0.10	0.10	0.001
2457	1	R50x30-21	SLU_12 -0.42	0.10	0.005	SLU_12 -0.08	0.10	0.000
2462	1	R50x30-21	SLU_12 -0.51	0.10	0.005	SLU_12 -0.08	0.10	0.000
2467	1	R50x30-21	SLU_12 -0.55	0.10	0.006	SLU_12 -0.07	0.10	0.000
2472	1	R50x30-21	SLU_12 -0.66	0.10	0.007	SLU_12 0.07	0.10	0.000
2477	1	R50x30-21	SLU_12 -0.65	0.10	0.007	SLU_12 -0.08	0.10	0.000
2482	1	R50x30-21	SLU_12 -0.58	0.10	0.006	SLU_12 0.07	0.10	0.000
2487	1	R50x30-21	SLU_12 -0.46	0.10	0.005	SLU_12 0.08	0.10	0.000
2492	1	R50x30-21	SLU_12 -0.47	0.10	0.005	SLU_12 0.08	0.10	0.001
2497	1	R50x30-21	SLU_12 -0.43	0.10	0.005	SLU_12 0.11	0.10	0.001
2502	1	R50x30-21	SLU_04 -0.48	0.10	0.005	SLU_04 0.11	0.10	0.001
2507	1	R50x30-21	SLU_04 -0.54	0.10	0.006	SLU_12 -0.13	0.10	0.001
2512	1	R50x60-10	SLU_01 -71.56	0.09	0.408	SLU_01 -0.49	0.09	0.003
	2	R50x60-11	SLU_01 -71.56	0.09	0.163	SLU_01 -0.49	0.09	0.001
	3	R50x60-12	SLU_01 -71.56	0.09	0.408	SLU_01 -0.49	0.09	0.003
2513	1	R50x60-11	SLU_01 107.22	0.09	0.612	SLU_12 -0.64	0.09	0.004

2514	1	R50x60-10	SLU_01	-72.19	0.09	0.412	SLU_01	0.51	0.09	0.004
	2	R50x60-11	SLU_01	-72.19	0.09	0.165	SLU_01	0.51	0.09	0.001
	3	R50x60-12	SLU_01	-72.19	0.09	0.412	SLU_01	0.51	0.09	0.004
2515	1	R50x60-11	SLU_01	106.50	0.09	0.608	SLU_12	0.63	0.09	0.004
2516	1	R100x30-99	SLU_01	-106.96	0.21	0.580	SLU_12	0.98	0.10	0.003
2517	1	R100x30-99	SLU_01	101.96	0.21	0.553	SLU_12	-0.94	0.10	0.003
	2	R100x30-100	SLU_01	141.03	0.21	0.765	SLU_12	-0.94	0.10	0.003
2518	1	R100x30-100	SLU_01	-140.76	0.21	0.763	SLU_12	0.91	0.10	0.003
	2	R100x30-99	SLU_01	-101.68	0.21	0.551	SLU_12	0.91	0.10	0.003
2519	1	R100x30-99	SLU_01	107.08	0.21	0.581	SLU_12	-0.92	0.10	0.003
2520	1	R50x80-84	SLU_01	-56.01	0.09	0.234	SLU_12	-1.19	0.09	0.008
	2	R50x80-71	SLU_01	-36.62	0.09	0.153	SLU_12	-1.19	0.09	0.008
	3	R50x80-69	SLU_01	-16.11	0.09	0.067	SLU_12	-1.19	0.09	0.008
2521	1	R50x80-70	SLU_06	-5.77	0.09	0.024	SLU_12	1.20	0.09	0.008
	2	R50x80-69	SLU_01	46.89	0.09	0.196	SLU_12	1.20	0.09	0.008
2522	1	R50x80-57	SLU_01	-74.44	0.09	0.312	SLU_12	-1.03	0.09	0.007
2523	1	R50x80-56	SLU_01	39.12	0.09	0.164	SLU_12	1.35	0.09	0.009
	2	R50x80-57	SLU_01	68.45	0.09	0.286	SLU_12	1.35	0.09	0.009
2524	1	R50x80-69	SLU_01	-68.53	0.09	0.287	SLU_12	-1.31	0.09	0.009
	2	R50x80-68	SLU_01	-39.19	0.09	0.164	SLU_12	-1.31	0.09	0.009
2525	1	R50x80-69	SLU_01	74.40	0.09	0.311	SLU_12	0.98	0.09	0.006
2526	1	R50x80-69	SLU_01	-46.36	0.09	0.194	SLU_12	-1.19	0.09	0.008
	2	R50x80-70	SLU_06	6.48	0.09	0.027	SLU_12	-1.19	0.09	0.008
2527	1	R50x80-69	SLU_01	16.70	0.09	0.070	SLU_12	1.19	0.09	0.008
	2	R50x80-71	SLU_01	37.21	0.09	0.156	SLU_12	1.19	0.09	0.008
	3	R50x80-84	SLU_01	56.61	0.09	0.237	SLU_12	1.19	0.09	0.008
2535	1	R80x30-19	SLU_04	-158.09	0.21	0.857	SLU_12	-0.94	0.10	0.004
	2	R80x30-20	SLU_04	-87.82	0.16	0.635	SLU_12	-0.94	0.08	0.005
2536	1	R80x30-17	SLU_04	118.44	0.16	0.856	SLU_12	-9.00	0.08	0.043
	2	R80x30-19	SLU_04	160.99	0.21	0.873	SLU_12	-9.00	0.10	0.034
2537	1	R80x30-19	SLU_04	-160.09	0.21	0.868	SLU_12	4.21	0.10	0.016
	2	R80x30-17	SLU_04	-117.73	0.16	0.851	SLU_12	4.21	0.08	0.020
2538	1	R80x30-17	SLU_04	87.58	0.16	0.633	SLU_12	6.96	0.08	0.034
	2	R80x30-19	SLU_04	158.01	0.21	0.857	SLU_12	6.96	0.10	0.026
2539	1	R80x30-19	SLU_04	-158.14	0.21	0.858	SLU_12	-7.00	0.10	0.027
	2	R80x30-17	SLU_04	-87.71	0.16	0.634	SLU_12	-7.00	0.08	0.034
2540	1	R80x30-17	SLU_04	117.56	0.16	0.850	SLU_12	-4.29	0.08	0.021
	2	R80x30-19	SLU_04	159.92	0.21	0.867	SLU_12	-4.29	0.10	0.016
2541	1	R80x30-19	SLU_04	-160.49	0.21	0.870	SLU_12	9.06	0.10	0.034
	2	R80x30-17	SLU_04	-117.94	0.16	0.853	SLU_12	9.06	0.08	0.044
2542	1	R80x30-20	SLU_04	88.27	0.16	0.638	SLU_12	0.95	0.08	0.005
	2	R80x30-19	SLU_04	158.53	0.21	0.860	SLU_12	0.95	0.10	0.004
2543	1	R100x30-117	SLU_04	-198.13	0.31	0.716	SLU_12	-9.63	0.16	0.018
	2	R100x30-115	SLU_04	-108.69	0.21	0.236	SLU_12	-9.63	0.10	0.012
	3	R100x30-118	SLU_04	72.01	0.21	0.391	SLU_12	-9.63	0.10	0.027
2544	1	R100x30-113	SLU_04	99.10	0.21	0.537	SLU_12	10.41	0.10	0.030
	2	R100x30-114	SLU_04	153.26	0.21	0.332	SLU_12	10.41	0.10	0.013
	3	R100x30-112	SLU_04	207.42	0.31	0.750	SLU_12	10.41	0.16	0.020
	1	R100x30-112	SLU_04	-203.90	0.31	0.737	SLU_12	-14.36	0.16	0.028

2545	2	R100x30-114	SLU_04	-149.99	0.21	0.325	SLU_12	-14.36	0.10	0.017
	3	R100x30-113	SLU_04	-96.07	0.21	0.521	SLU_12	-14.36	0.10	0.041
	1	R100x30-118	SLU_04	-69.12	0.21	0.375	SLU_12	1.30	0.10	0.004
2546	2	R100x30-115	SLU_04	111.12	0.21	0.241	SLU_12	1.30	0.10	0.002
	3	R100x30-112	SLU_04	200.77	0.31	0.726	SLU_12	1.30	0.16	0.003
	1	R100x30-114	SLU_04	-101.98	0.21	0.553	SLU_12	13.82	0.10	0.039
2547	2	R100x30-110	SLU_04	-76.89	0.21	0.167	SLU_12	13.82	0.10	0.017
	3	R100x30-116	SLU_06	-28.61	0.21	0.155	SLU_12	13.82	0.10	0.039
	1	R100x30-116	SLU_06	28.74	0.21	0.156	SLU_12	-13.39	0.10	0.038
2548	2	R100x30-110	SLU_04	77.02	0.21	0.167	SLU_12	-13.39	0.10	0.016
	3	R100x30-114	SLU_04	102.11	0.21	0.554	SLU_12	-13.39	0.10	0.038
	1	R100x30-112	SLU_04	-200.85	0.31	0.726	SLU_12	-1.37	0.16	0.003
2549	2	R100x30-115	SLU_04	-111.20	0.21	0.241	SLU_12	-1.37	0.10	0.002
	3	R100x30-118	SLU_04	69.03	0.21	0.374	SLU_12	-1.37	0.10	0.004
	1	R100x30-113	SLU_04	95.99	0.21	0.521	SLU_12	14.30	0.10	0.041
2550	2	R100x30-114	SLU_04	149.90	0.21	0.325	SLU_12	14.30	0.10	0.017
	3	R100x30-112	SLU_04	203.82	0.31	0.737	SLU_12	14.30	0.16	0.028
	1	R100x30-112	SLU_04	-206.48	0.31	0.746	SLU_12	-10.50	0.16	0.021
2551	2	R100x30-114	SLU_04	-152.31	0.21	0.330	SLU_12	-10.50	0.10	0.013
	3	R100x30-113	SLU_04	-98.15	0.21	0.532	SLU_12	-10.50	0.10	0.030
	1	R100x30-118	SLU_04	-71.07	0.21	0.385	SLU_12	9.71	0.10	0.028
2552	2	R100x30-115	SLU_04	109.58	0.21	0.238	SLU_12	9.71	0.10	0.012
	3	R100x30-112	SLU_04	199.02	0.31	0.720	SLU_12	9.71	0.16	0.019
2553	1	R100x30-67	SLU_04	-82.27	0.21	0.446	SLU_12	4.70	0.10	0.013
	1	R100x30-67	SLU_04	89.15	0.21	0.483	SLU_12	-11.01	0.10	0.031
2554	2	R100x30-82	SLU_04	120.44	0.21	0.653	SLU_12	-11.01	0.10	0.031
	1	R100x30-82	SLU_04	-158.50	0.21	0.860	SLU_12	-4.30	0.10	0.012
2555	2	R100x30-67	SLU_04	-116.82	0.21	0.634	SLU_12	-4.30	0.10	0.012
	1	R100x30-67	SLU_04	84.84	0.21	0.460	SLU_12	1.22	0.10	0.003
2556	2	R100x30-82	SLU_04	160.79	0.21	0.872	SLU_12	1.22	0.10	0.003
	1	R100x30-83	SLU_04	-185.21	0.31	0.670	SLU_12	-3.55	0.16	0.007
2557	2	R100x30-67	SLU_04	-130.85	0.21	0.284	SLU_12	-3.55	0.10	0.004
	3	R100x30-108	SLU_04	-22.11	0.21	0.120	SLU_12	-3.55	0.10	0.010
	1	R100x30-108	SLU_04	22.16	0.21	0.120	SLU_12	3.90	0.10	0.011
2558	2	R100x30-67	SLU_04	130.89	0.21	0.284	SLU_12	3.90	0.10	0.005
	3	R100x30-83	SLU_04	185.26	0.31	0.670	SLU_12	3.90	0.16	0.008
	1	R100x30-82	SLU_04	-160.42	0.21	0.870	SLU_12	-1.26	0.10	0.004
2559	2	R100x30-67	SLU_04	-84.47	0.21	0.458	SLU_12	-1.26	0.10	0.004
	1	R100x30-67	SLU_04	117.20	0.21	0.636	SLU_12	4.24	0.10	0.012
2560	2	R100x30-82	SLU_04	159.33	0.21	0.864	SLU_12	4.24	0.10	0.012
	1	R100x30-82	SLU_04	-119.70	0.21	0.649	SLU_12	11.01	0.10	0.031
2561	2	R100x30-67	SLU_04	-88.45	0.21	0.480	SLU_12	11.01	0.10	0.031
2562	1	R100x30-67	SLU_04	82.95	0.21	0.450	SLU_12	-4.65	0.10	0.013
2563	1	R50x30-21	SLU_04	-2.22	0.10	0.024	SLU_12	1.42	0.10	0.009
2568	1	R50x30-19	SLU_12	1.93	0.10	0.021	SLU_12	1.07	0.10	0.006
2573	1	R50x30-19	SLU_12	2.12	0.10	0.023	SLU_12	-0.90	0.10	0.005
2578	1	R50x30-19	SLU_12	2.02	0.10	0.022	SLU_12	-0.85	0.10	0.005
2583	1	R50x30-19	SLU_12	2.14	0.10	0.023	SLU_12	1.01	0.10	0.006
2588	1	R50x30-19	SLU_12	1.92	0.10	0.021	SLU_12	0.74	0.10	0.004

2593	1	R50x30-19	SLU_12	1.87	0.10	0.020	SLU_12	-0.73	0.10	0.004
2598	1	R50x30-19	SLU_12	2.20	0.10	0.024	SLU_12	1.02	0.10	0.006
2603	1	R50x30-19	SLU_12	2.11	0.10	0.023	SLU_12	0.86	0.10	0.005
2608	1	R50x30-19	SLU_12	2.00	0.10	0.022	SLU_12	0.91	0.10	0.005
2613	1	R50x30-19	SLU_12	1.71	0.10	0.019	SLU_12	-1.07	0.10	0.006
2618	1	R50x30-21	SLU_04	-2.06	0.10	0.022	SLU_12	-1.42	0.10	0.009
2623	1	R70x30-8	SLU_04	-27.68	0.16	0.200	SLU_12	1.41	0.08	0.008
2624	1	R70x30-8	SLU_04	46.11	0.16	0.333	SLU_12	-2.17	0.08	0.012
2625	1	R70x30-8	SLU_04	31.33	0.16	0.227	SLU_12	1.60	0.08	0.009
2626	1	R70x30-10	SLU_04	-67.86	0.16	0.491	SLU_12	0.51	0.08	0.003
2627	1	R70x30-10	SLU_04	55.59	0.16	0.402	SLU_04	-1.68	0.08	0.009
2628	1	R70x30-11	SLU_04	-121.15	0.16	0.876	SLU_12	0.53	0.08	0.003
	2	R70x30-10	SLU_04	-86.53	0.16	0.626	SLU_12	0.53	0.08	0.003
2629	1	R70x30-10	SLU_04	86.57	0.16	0.626	SLU_12	-0.42	0.08	0.002
	2	R70x30-11	SLU_04	121.19	0.16	0.876	SLU_12	-0.42	0.08	0.003
2630	1	R70x30-8	SLU_04	-55.29	0.16	0.400	SLU_04	1.61	0.08	0.009
2631	1	R70x30-8	SLU_04	68.07	0.16	0.492	SLU_12	-0.56	0.08	0.003
2632	1	R70x30-9	SLU_04	-31.59	0.16	0.228	SLU_12	-1.53	0.08	0.009
2633	1	R70x30-9	SLU_04	-45.62	0.16	0.330	SLU_12	2.27	0.08	0.013
2634	1	R70x30-9	SLU_04	27.99	0.16	0.202	SLU_12	-1.37	0.08	0.008
2635	1	R30x90-6	SLU_12	-101.28	0.06	0.538	SLU_12	10.63	0.06	0.192
2638	1	R30x90-5	SLU_06	18.04	0.05	0.115	SLU_12	-9.55	0.05	0.119
2640	1	R30x90-5	SLU_12	-20.65	0.05	0.132	SLU_12	-2.96	0.05	0.033
2642	1	R80x30-19	SLU_04	-157.57	0.21	0.855	SLU_12	-1.53	0.10	0.006
	2	R80x30-17	SLU_04	-87.30	0.16	0.253	SLU_12	-1.53	0.08	0.003
	3	R80x30-20	SLU_04	54.63	0.16	0.395	SLU_12	-1.53	0.08	0.008
2643	1	R80x30-17	SLU_04	118.46	0.16	0.857	SLU_12	5.38	0.08	0.026
	2	R80x30-19	SLU_04	161.01	0.21	0.873	SLU_12	5.38	0.10	0.020
2644	1	R80x30-19	SLU_04	-160.05	0.21	0.868	SLU_12	-3.14	0.10	0.012
	2	R80x30-17	SLU_04	-117.69	0.16	0.851	SLU_12	-3.14	0.08	0.015
2645	1	R80x30-17	SLU_04	87.10	0.16	0.630	SLU_12	6.48	0.08	0.031
	2	R80x30-19	SLU_04	157.53	0.21	0.854	SLU_12	6.48	0.10	0.025
2646	1	R80x30-19	SLU_04	-157.65	0.21	0.855	SLU_12	-6.50	0.10	0.025
	2	R80x30-17	SLU_04	-87.22	0.16	0.631	SLU_12	-6.50	0.08	0.031
2647	1	R80x30-17	SLU_04	117.59	0.16	0.850	SLU_12	3.22	0.08	0.016
	2	R80x30-19	SLU_04	159.95	0.21	0.867	SLU_12	3.22	0.10	0.012
2648	1	R80x30-19	SLU_04	-160.43	0.21	0.870	SLU_12	-5.44	0.10	0.021
	2	R80x30-17	SLU_04	-117.87	0.16	0.852	SLU_12	-5.44	0.08	0.026
2649	1	R80x30-20	SLU_04	-54.04	0.16	0.391	SLU_12	1.49	0.08	0.008
	2	R80x30-17	SLU_04	87.84	0.16	0.254	SLU_12	1.49	0.08	0.003
	3	R80x30-19	SLU_04	158.11	0.21	0.857	SLU_12	1.49	0.10	0.006
2650	1	R100x30-76	SLU_04	-191.59	0.31	0.693	SLU_12	6.56	0.16	0.012
	2	R100x30-77	SLU_04	-102.15	0.21	0.554	SLU_12	6.56	0.10	0.019
2651	1	R100x30-74	SLU_04	126.26	0.21	0.685	SLU_12	3.45	0.10	0.010
	2	R100x30-75	SLU_04	158.40	0.21	0.859	SLU_12	3.45	0.10	0.010
2652	1	R100x30-79	SLU_04	-204.00	0.31	0.738	SLU_12	11.45	0.16	0.023
	2	R100x30-73	SLU_04	-150.09	0.21	0.326	SLU_12	11.45	0.10	0.014
	3	R100x30-80	SLU_04	-96.17	0.21	0.522	SLU_12	11.45	0.10	0.033
	1	R100x30-80	SLU_04	-69.22	0.21	0.375	SLU_12	-0.49	0.10	0.001

2653	2	R100x30-77	SLU_04	110.65	0.21	0.240	SLU_12	-0.49	0.10	0.001
	3	R100x30-79	SLU_04	200.30	0.31	0.724	SLU_12	-0.49	0.16	0.001
2654	1	R100x30-75	SLU_04	-102.36	0.21	0.555	SLU_12	-12.91	0.10	0.037
	2	R100x30-74	SLU_04	-77.28	0.21	0.168	SLU_12	-12.91	0.10	0.016
2655	3	R100x30-77	SLU_06	-28.98	0.21	0.157	SLU_12	-12.91	0.10	0.037
	1	R100x30-77	SLU_06	29.11	0.21	0.158	SLU_12	12.45	0.10	0.036
2656	2	R100x30-74	SLU_04	77.40	0.21	0.168	SLU_12	12.45	0.10	0.015
	3	R100x30-75	SLU_04	102.49	0.21	0.556	SLU_12	12.45	0.10	0.036
2657	1	R100x30-79	SLU_04	-200.62	0.31	0.725	SLU_12	0.41	0.16	0.001
	2	R100x30-77	SLU_04	-110.97	0.21	0.241	SLU_12	0.41	0.10	0.000
2658	3	R100x30-81	SLU_04	68.93	0.21	0.374	SLU_12	0.41	0.10	0.001
	1	R100x30-80	SLU_04	95.89	0.21	0.520	SLU_12	-11.55	0.10	0.033
2659	2	R100x30-73	SLU_04	149.80	0.21	0.325	SLU_12	-11.55	0.10	0.014
	3	R100x30-79	SLU_04	203.72	0.31	0.737	SLU_12	-11.55	0.16	0.023
2660	1	R100x30-79	SLU_04	-206.47	0.31	0.746	SLU_12	-3.53	0.16	0.007
	2	R100x30-73	SLU_04	-152.30	0.21	0.826	SLU_12	-3.53	0.10	0.010
2661	1	R100x30-80	SLU_04	-71.06	0.21	0.385	SLU_12	-6.58	0.10	0.019
	2	R100x30-77	SLU_04	109.11	0.21	0.237	SLU_12	-6.58	0.10	0.008
2662	3	R100x30-76	SLU_04	198.55	0.31	0.718	SLU_12	-6.58	0.16	0.013
	1	R100x30-67	SLU_04	-75.68	0.21	0.410	SLU_12	2.79	0.10	0.008
2663	1	R100x30-67	SLU_04	71.33	0.21	0.387	SLU_12	7.40	0.10	0.021
2664	1	R100x30-82	SLU_04	-158.38	0.21	0.859	SLU_12	0.91	0.10	0.003
	2	R100x30-67	SLU_04	-116.70	0.21	0.633	SLU_12	0.91	0.10	0.003
2665	1	R100x30-67	SLU_04	84.28	0.21	0.457	SLU_12	-0.68	0.10	0.002
	2	R100x30-82	SLU_04	160.23	0.21	0.869	SLU_12	-0.68	0.10	0.002
2666	1	R100x30-83	SLU_04	-185.20	0.31	0.670	SLU_12	0.41	0.16	0.001
	2	R100x30-67	SLU_04	-130.84	0.21	0.710	SLU_12	0.41	0.10	0.001
2667	1	R100x30-67	SLU_04	130.96	0.21	0.710	SLU_12	-0.66	0.10	0.002
	2	R100x30-83	SLU_04	185.32	0.31	0.670	SLU_12	-0.66	0.16	0.001
2668	1	R100x30-82	SLU_04	-160.15	0.21	0.869	SLU_12	0.65	0.10	0.002
	2	R100x30-67	SLU_04	-84.21	0.21	0.457	SLU_12	0.65	0.10	0.002
2669	1	R100x30-67	SLU_04	116.70	0.21	0.633	SLU_12	-0.86	0.10	0.002
	2	R100x30-82	SLU_04	158.84	0.21	0.861	SLU_12	-0.86	0.10	0.002
2670	1	R100x30-82	SLU_04	-120.02	0.21	0.651	SLU_12	-7.35	0.10	0.021
	2	R100x30-67	SLU_04	-88.77	0.21	0.481	SLU_12	-7.35	0.10	0.021
2671	1	R100x30-67	SLU_04	82.04	0.21	0.445	SLU_12	-2.74	0.10	0.008
2672	1	R50x30-21	SLU_04	-1.22	0.10	0.013	SLU_12	-0.74	0.10	0.004
2673	1	R50x30-19	SLU_12	2.20	0.10	0.024	SLU_12	-0.53	0.10	0.003
2674	1	R50x30-19	SLU_12	2.05	0.10	0.022	SLU_12	-0.51	0.10	0.003
2675	1	R50x30-19	SLU_12	1.63	0.10	0.018	SLU_12	-0.56	0.10	0.003
2676	1	R50x30-19	SLU_06	1.57	0.10	0.017	SLU_12	0.77	0.10	0.005
2677	1	R50x30-19	SLU_06	1.45	0.10	0.016	SLU_12	0.54	0.10	0.003
2678	1	R50x30-19	SLU_12	1.42	0.10	0.015	SLU_12	-0.53	0.10	0.003
2679	1	R50x30-19	SLU_06	1.62	0.10	0.018	SLU_12	-0.78	0.10	0.005
2680	1	R50x30-19	SLU_06	1.62	0.10	0.018	SLU_12	0.57	0.10	0.003
2681	1	R50x30-19	SLU_12	1.83	0.10	0.020	SLU_12	0.52	0.10	0.003
2682	1	R50x30-19	SLU_12	1.84	0.10	0.020	SLU_12	0.54	0.10	0.003
2683	1	R50x30-19	SLU_04	-1.07	0.10	0.012	SLU_12	0.76	0.10	0.005
2684	1	R70x30-8	SLU_04	-27.67	0.16	0.200	SLU_12	1.03	0.08	0.006

2731	1	R70x30-8	SLU_04	45.72	0.16	0.331	SLU_12	1.53	0.08	0.009
2732	1	R70x30-8	SLU_04	34.09	0.16	0.247	SLU_12	0.63	0.08	0.004
2733	1	R70x30-10	SLU_04	-67.86	0.16	0.491	SLU_12	-0.56	0.08	0.003
2734	1	R70x30-10	SLU_04	54.74	0.16	0.396	SLU_12	0.94	0.08	0.005
2735	1	R70x30-11	SLU_04	-121.13	0.16	0.876	SLU_12	-0.24	0.08	0.001
	2	R70x30-10	SLU_04	-86.51	0.16	0.626	SLU_12	-0.24	0.08	0.001
2736	1	R70x30-10	SLU_04	86.59	0.16	0.626	SLU_12	0.13	0.08	0.001
	2	R70x30-11	SLU_04	121.20	0.16	0.876	SLU_12	0.13	0.08	0.001
2737	1	R70x30-8	SLU_04	-54.38	0.16	0.393	SLU_12	-0.92	0.08	0.005
2738	1	R70x30-8	SLU_04	68.14	0.16	0.493	SLU_12	0.55	0.08	0.003
2739	1	R70x30-9	SLU_04	-33.78	0.16	0.244	SLU_12	-0.64	0.08	0.004
2740	1	R70x30-9	SLU_04	-45.42	0.16	0.328	SLU_12	-1.58	0.08	0.009
2741	1	R70x30-9	SLU_04	27.81	0.16	0.201	SLU_12	-1.01	0.08	0.006
2742	1	R80x30-24	SLU_04	-157.09	0.21	0.852	SLU_12	-2.84	0.10	0.011
	2	R80x30-23	SLU_04	-86.82	0.16	0.628	SLU_12	-2.84	0.08	0.014
2743	1	R80x30-23	SLU_04	118.42	0.16	0.856	SLU_12	3.77	0.08	0.018
	2	R80x30-24	SLU_04	160.97	0.21	0.873	SLU_12	3.77	0.10	0.014
2744	1	R80x30-24	SLU_04	-160.13	0.21	0.868	SLU_12	-1.10	0.10	0.004
	2	R80x30-23	SLU_04	-117.78	0.16	0.852	SLU_12	-1.10	0.08	0.005
2745	1	R80x30-23	SLU_04	86.79	0.16	0.628	SLU_12	6.01	0.08	0.029
	2	R80x30-24	SLU_04	157.22	0.21	0.853	SLU_12	6.01	0.10	0.023
2746	1	R80x30-24	SLU_04	-157.36	0.21	0.853	SLU_12	-5.98	0.10	0.023
	2	R80x30-23	SLU_04	-86.93	0.16	0.629	SLU_12	-5.98	0.08	0.029
2747	1	R80x30-23	SLU_04	117.75	0.16	0.851	SLU_12	1.29	0.08	0.006
	2	R80x30-24	SLU_04	160.11	0.21	0.868	SLU_12	1.29	0.10	0.005
2748	1	R80x30-24	SLU_04	-160.33	0.21	0.869	SLU_12	-3.69	0.10	0.014
	2	R80x30-23	SLU_04	-117.78	0.16	0.852	SLU_12	-3.69	0.08	0.018
2749	1	R80x30-23	SLU_04	87.39	0.16	0.632	SLU_12	2.69	0.08	0.013
	2	R80x30-24	SLU_04	157.66	0.21	0.855	SLU_12	2.69	0.10	0.010
2750	1	R100x30-76	SLU_04	-196.87	0.31	0.712	SLU_12	4.65	0.16	0.009
	2	R100x30-77	SLU_04	-107.43	0.21	0.233	SLU_12	4.65	0.10	0.006
	3	R100x30-80	SLU_04	72.20	0.21	0.392	SLU_12	4.65	0.10	0.013
2751	1	R100x30-73	SLU_04	153.44	0.21	0.832	SLU_12	1.09	0.10	0.003
	2	R100x30-79	SLU_04	207.61	0.31	0.751	SLU_12	1.09	0.16	0.002
2752	1	R100x30-79	SLU_04	-204.19	0.31	0.738	SLU_12	8.73	0.16	0.017
	2	R100x30-73	SLU_04	-150.27	0.21	0.815	SLU_12	8.73	0.10	0.025
2753	1	R100x30-80	SLU_04	-69.40	0.21	0.376	SLU_12	-1.65	0.10	0.005
	2	R100x30-77	SLU_04	110.22	0.21	0.239	SLU_12	-1.65	0.10	0.002
	3	R100x30-79	SLU_04	199.86	0.31	0.723	SLU_12	-1.65	0.16	0.003
2754	1	R100x30-75	SLU_04	-103.20	0.21	0.560	SLU_12	-11.24	0.10	0.032
	2	R100x30-74	SLU_04	-78.12	0.21	0.424	SLU_12	-11.24	0.10	0.032
2755	1	R100x30-74	SLU_04	78.26	0.21	0.424	SLU_12	10.84	0.10	0.031
	2	R100x30-75	SLU_04	103.34	0.21	0.560	SLU_12	10.84	0.10	0.031
2756	1	R100x30-79	SLU_04	-199.85	0.31	0.723	SLU_12	1.52	0.16	0.003
	2	R100x30-77	SLU_04	-110.21	0.21	0.239	SLU_12	1.52	0.10	0.002
	3	R100x30-80	SLU_04	69.52	0.21	0.377	SLU_12	1.52	0.10	0.004
2757	1	R100x30-73	SLU_04	150.39	0.21	0.816	SLU_12	-8.79	0.10	0.025
	2	R100x30-79	SLU_04	204.30	0.31	0.739	SLU_12	-8.79	0.16	0.017
2758	1	R100x30-79	SLU_04	-206.38	0.31	0.746	SLU_12	-0.70	0.16	0.001

2758	2	R100x30-73	SLU_04	-152.21	0.21	0.825	SLU_12	-0.70	0.10	0.002
	1	R100x30-80	SLU_04	-70.97	0.21	0.385	SLU_12	-4.65	0.10	0.013
2759	2	R100x30-77	SLU_04	108.63	0.21	0.236	SLU_12	-4.65	0.10	0.006
	3	R100x30-76	SLU_04	198.08	0.31	0.716	SLU_12	-4.65	0.16	0.009
2760	1	R100x30-67	SLU_04	-81.31	0.21	0.441	SLU_12	2.33	0.10	0.007
2761	1	R100x30-67	SLU_04	89.04	0.21	0.483	SLU_12	4.61	0.10	0.013
	2	R100x30-82	SLU_04	120.33	0.21	0.653	SLU_12	4.61	0.10	0.013
2762	1	R100x30-82	SLU_04	-157.16	0.21	0.852	SLU_12	-3.11	0.10	0.009
	2	R100x30-67	SLU_04	-115.49	0.21	0.626	SLU_12	-3.11	0.10	0.009
2763	1	R100x30-67	SLU_04	83.34	0.21	0.452	SLU_12	1.80	0.10	0.005
	2	R100x30-82	SLU_04	159.28	0.21	0.864	SLU_12	1.80	0.10	0.005
2764	1	R100x30-83	SLU_04	-184.96	0.31	0.669	SLU_12	-0.47	0.16	0.001
	2	R100x30-67	SLU_04	-130.59	0.21	0.708	SLU_12	-0.47	0.10	0.001
2765	1	R100x30-67	SLU_04	130.74	0.21	0.709	SLU_12	0.34	0.10	0.001
	2	R100x30-83	SLU_04	185.11	0.31	0.669	SLU_12	0.34	0.16	0.001
2766	1	R100x30-82	SLU_04	-158.95	0.21	0.862	SLU_12	-1.76	0.10	0.005
	2	R100x30-67	SLU_04	-83.01	0.21	0.450	SLU_12	-1.76	0.10	0.005
2767	1	R100x30-67	SLU_04	115.98	0.21	0.629	SLU_12	2.95	0.10	0.008
	2	R100x30-82	SLU_04	158.11	0.21	0.857	SLU_12	2.95	0.10	0.008
2768	1	R100x30-82	SLU_04	-119.53	0.21	0.648	SLU_12	-4.65	0.10	0.013
	2	R100x30-67	SLU_04	-88.27	0.21	0.479	SLU_12	-4.65	0.10	0.013
2769	1	R100x30-67	SLU_04	82.15	0.21	0.445	SLU_12	-2.20	0.10	0.006
2770	1	R50x30-21	SLU_04	-1.18	0.10	0.013	SLU_12	-0.37	0.10	0.002
2775	1	R50x30-21	SLU_12	2.38	0.10	0.026	SLU_12	-0.23	0.10	0.001
2780	1	R50x30-21	SLU_12	2.31	0.10	0.025	SLU_12	-0.26	0.10	0.002
2785	1	R50x30-19	SLU_12	1.88	0.10	0.020	SLU_12	-0.35	0.10	0.002
2790	1	R50x30-19	SLU_12	1.79	0.10	0.019	SLU_12	-0.51	0.10	0.003
2795	1	R50x30-19	SLU_06	1.37	0.10	0.015	SLU_12	0.33	0.10	0.002
2800	1	R50x30-19	SLU_06	1.34	0.10	0.015	SLU_12	-0.33	0.10	0.002
2805	1	R50x30-19	SLU_06	1.72	0.10	0.019	SLU_12	-0.53	0.10	0.003
281	1	R80x30-17	SLU_04	-128.74	0.16	0.931	SLU_12	10.57	0.08	0.051
	2	R80x30-18	SLU_04	95.10	0.16	0.688	SLU_12	10.57	0.08	0.053
2810	1	R50x30-19	SLU_12	1.77	0.10	0.019	SLU_12	0.36	0.10	0.002
2815	1	R50x30-21	SLU_12	1.99	0.10	0.022	SLU_12	0.28	0.10	0.002
2820	1	R50x30-21	SLU_12	1.95	0.10	0.021	SLU_12	0.24	0.10	0.001
2825	1	R50x30-19	SLU_04	-0.99	0.10	0.011	SLU_12	0.40	0.10	0.002
2830	1	R70x30-17	SLU_04	-27.66	0.16	0.200	SLU_12	0.91	0.08	0.005
2831	1	R70x30-17	SLU_04	45.54	0.16	0.329	SLU_12	0.96	0.08	0.005
2832	1	R70x30-17	SLU_04	36.46	0.16	0.264	SLU_12	0.30	0.08	0.002
2833	1	R70x30-10	SLU_04	-68.02	0.16	0.492	SLU_12	-1.05	0.08	0.006
2834	1	R70x30-10	SLU_04	54.70	0.16	0.396	SLU_12	-1.22	0.08	0.007
2835	1	R70x30-11	SLU_04	-121.13	0.16	0.876	SLU_12	0.24	0.08	0.001
	2	R70x30-10	SLU_04	-86.51	0.16	0.626	SLU_12	0.24	0.08	0.001
2836	1	R70x30-10	SLU_04	86.59	0.16	0.626	SLU_12	0.02	0.08	0.000
	2	R70x30-11	SLU_04	121.21	0.16	0.876	SLU_12	0.02	0.08	0.000
2837	1	R70x30-8	SLU_04	-54.41	0.16	0.393	SLU_12	1.19	0.08	0.007
2838	1	R70x30-8	SLU_04	68.35	0.16	0.494	SLU_12	1.03	0.08	0.006
2839	1	R70x30-8	SLU_04	-36.87	0.16	0.267	SLU_12	-0.33	0.08	0.002
2840	1	R70x30-8	SLU_04	-45.03	0.16	0.326	SLU_12	-1.03	0.08	0.006

2841	1	R70x30-8	SLU_04	28.04	0.16	0.203	SLU_12	-0.88	0.08	0.005
2842	1	R80x30-24	SLU_04	-156.76	0.21	0.850	SLU_12	-3.78	0.10	0.014
	2	R80x30-23	SLU_04	-86.49	0.16	0.625	SLU_12	-3.78	0.08	0.018
2843	1	R80x30-23	SLU_04	118.47	0.16	0.857	SLU_12	2.51	0.08	0.012
	2	R80x30-24	SLU_04	161.03	0.21	0.873	SLU_12	2.51	0.10	0.010
2844	1	R80x30-24	SLU_04	-160.19	0.21	0.869	SLU_12	-0.62	0.10	0.002
	2	R80x30-23	SLU_04	-117.84	0.16	0.852	SLU_12	-0.62	0.08	0.003
2845	1	R80x30-23	SLU_04	86.57	0.16	0.626	SLU_12	5.68	0.08	0.027
	2	R80x30-24	SLU_04	157.00	0.21	0.851	SLU_12	5.68	0.10	0.022
2846	1	R80x30-24	SLU_04	-157.19	0.21	0.852	SLU_12	-5.55	0.10	0.021
	2	R80x30-23	SLU_04	-86.76	0.16	0.627	SLU_12	-5.55	0.08	0.027
2847	1	R80x30-23	SLU_04	117.89	0.16	0.852	SLU_12	0.58	0.08	0.003
	2	R80x30-24	SLU_04	160.25	0.21	0.869	SLU_12	0.58	0.10	0.002
2848	1	R80x30-24	SLU_04	-160.36	0.21	0.870	SLU_12	-3.41	0.10	0.013
	2	R80x30-23	SLU_04	-117.81	0.16	0.852	SLU_12	-3.41	0.08	0.016
2849	1	R80x30-23	SLU_04	87.23	0.16	0.631	SLU_12	3.74	0.08	0.018
	2	R80x30-24	SLU_04	157.50	0.21	0.854	SLU_12	3.74	0.10	0.014
2850	1	R100x30-76	SLU_04	-196.37	0.31	0.710	SLU_12	3.48	0.16	0.007
	2	R100x30-77	SLU_04	-106.92	0.21	0.232	SLU_12	3.48	0.10	0.004
	3	R100x30-80	SLU_04	72.40	0.21	0.393	SLU_12	3.48	0.10	0.010
2851	1	R100x30-73	SLU_04	153.64	0.21	0.833	SLU_12	3.33	0.10	0.009
	2	R100x30-79	SLU_04	207.81	0.31	0.751	SLU_12	3.33	0.16	0.007
2852	1	R100x30-79	SLU_04	-204.31	0.31	0.739	SLU_12	6.79	0.16	0.013
	2	R100x30-73	SLU_04	-150.40	0.21	0.816	SLU_12	6.79	0.10	0.019
2853	1	R100x30-80	SLU_04	-69.53	0.21	0.377	SLU_12	-2.51	0.10	0.007
	2	R100x30-77	SLU_04	109.89	0.21	0.238	SLU_12	-2.51	0.10	0.003
	3	R100x30-79	SLU_04	199.54	0.31	0.721	SLU_12	-2.51	0.16	0.005
2854	1	R100x30-75	SLU_04	-102.96	0.21	0.558	SLU_12	-10.23	0.10	0.029
	2	R100x30-74	SLU_04	-77.87	0.21	0.422	SLU_12	-10.23	0.10	0.029
2855	1	R100x30-74	SLU_04	77.85	0.21	0.422	SLU_12	10.17	0.10	0.029
	2	R100x30-75	SLU_04	102.94	0.21	0.558	SLU_12	10.17	0.10	0.029
2856	1	R100x30-79	SLU_04	-199.63	0.31	0.722	SLU_12	2.32	0.16	0.005
	2	R100x30-77	SLU_04	-109.98	0.21	0.239	SLU_12	2.32	0.10	0.003
	3	R100x30-80	SLU_04	69.70	0.21	0.378	SLU_12	2.32	0.10	0.007
2857	1	R100x30-73	SLU_04	150.57	0.21	0.817	SLU_12	-6.96	0.10	0.020
	2	R100x30-79	SLU_04	204.48	0.31	0.739	SLU_12	-6.96	0.16	0.014
2858	1	R100x30-79	SLU_04	-206.44	0.31	0.746	SLU_12	-2.88	0.16	0.006
	2	R100x30-73	SLU_04	-152.27	0.21	0.826	SLU_12	-2.88	0.10	0.008
2859	1	R100x30-80	SLU_04	-71.03	0.21	0.385	SLU_12	-3.76	0.10	0.011
	2	R100x30-77	SLU_04	108.49	0.21	0.235	SLU_12	-3.76	0.10	0.005
	3	R100x30-76	SLU_04	197.93	0.31	0.716	SLU_12	-3.76	0.16	0.007
2860	1	R100x30-67	SLU_04	-79.81	0.21	0.433	SLU_12	2.28	0.10	0.007
2861	1	R100x30-67	SLU_04	90.29	0.21	0.490	SLU_12	3.26	0.10	0.009
	2	R100x30-82	SLU_04	121.58	0.21	0.659	SLU_12	3.26	0.10	0.009
2862	1	R100x30-82	SLU_04	-156.45	0.21	0.848	SLU_12	-4.77	0.10	0.014
	2	R100x30-67	SLU_04	-114.77	0.21	0.622	SLU_12	-4.77	0.10	0.014
2863	1	R100x30-67	SLU_04	82.72	0.21	0.449	SLU_12	2.59	0.10	0.007
	2	R100x30-82	SLU_04	158.67	0.21	0.860	SLU_12	2.59	0.10	0.007
2864	1	R100x30-83	SLU_04	-184.75	0.31	0.668	SLU_12	-0.84	0.16	0.002

2864	2	R100x30-67	SLU_04	-130.39	0.21	0.707	SLU_12	-0.84	0.10	0.002
2865	1	R100x30-67	SLU_04	130.62	0.21	0.708	SLU_06	0.27	0.10	0.001
	2	R100x30-83	SLU_04	184.99	0.31	0.669	SLU_06	0.27	0.16	0.001
2866	1	R100x30-82	SLU_04	-158.48	0.21	0.859	SLU_12	2.41	0.10	0.007
	2	R100x30-67	SLU_04	-82.53	0.21	0.448	SLU_12	2.41	0.10	0.007
2867	1	R100x30-67	SLU_04	115.16	0.21	0.625	SLU_12	4.19	0.10	0.012
	2	R100x30-82	SLU_04	157.30	0.21	0.853	SLU_12	4.19	0.10	0.012
2868	1	R100x30-82	SLU_04	-120.84	0.21	0.655	SLU_12	-3.15	0.10	0.009
	2	R100x30-67	SLU_04	-89.58	0.21	0.486	SLU_12	-3.15	0.10	0.009
2869	1	R100x30-67	SLU_04	80.79	0.21	0.438	SLU_12	-2.06	0.10	0.006
2870	1	R50x30-21	SLU_04	-0.91	0.10	0.010	SLU_12	-0.08	0.10	0.000
2875	1	R50x30-21	SLU_12	2.49	0.10	0.027	SLU_12	-0.03	0.10	0.000
2880	1	R50x30-21	SLU_12	2.39	0.10	0.026	SLU_12	0.08	0.10	0.000
2885	1	R50x30-21	SLU_12	1.90	0.10	0.021	SLU_12	-0.20	0.10	0.001
2890	1	R50x30-19	SLU_12	1.89	0.10	0.021	SLU_12	0.37	0.10	0.002
2895	1	R50x30-19	SLU_06	1.44	0.10	0.016	SLU_12	0.22	0.10	0.001
2900	1	R50x30-19	SLU_06	1.33	0.10	0.014	SLU_12	-0.22	0.10	0.001
2905	1	R50x30-19	SLU_06	1.80	0.10	0.020	SLU_12	-0.41	0.10	0.002
2910	1	R50x30-21	SLU_06	1.73	0.10	0.019	SLU_12	0.21	0.10	0.001
2915	1	R50x30-21	SLU_12	1.98	0.10	0.022	SLU_12	-0.10	0.10	0.001
292	1	R50x30-21	SLU_12	-4.57	0.10	0.050	SLU_12	0.23	0.10	0.001
2920	1	R50x30-21	SLU_12	2.02	0.10	0.022	SLU_12	0.05	0.10	0.000
2925	1	R50x30-19	SLU_04	-0.72	0.10	0.008	SLU_12	0.16	0.10	0.001
2930	1	R70x30-17	SLU_04	-51.67	0.16	0.374	SLU_12	0.86	0.08	0.005
2931	1	R70x30-17	SLU_04	65.48	0.16	0.474	SLU_12	0.67	0.08	0.004
2932	1	R70x30-17	SLU_04	51.32	0.16	0.371	SLU_12	0.30	0.08	0.002
2933	1	R70x30-12	SLU_04	-82.58	0.16	0.597	SLU_12	-1.43	0.08	0.008
2934	1	R70x30-12	SLU_04	69.26	0.16	0.501	SLU_12	1.60	0.08	0.009
2935	1	R70x30-14	SLU_04	-143.99	0.21	0.781	SLU_12	-0.29	0.10	0.001
	2	R70x30-12	SLU_04	-102.85	0.16	0.744	SLU_12	-0.29	0.08	0.002
2936	1	R70x30-12	SLU_04	102.93	0.16	0.744	SLU_12	0.05	0.08	0.000
	2	R70x30-14	SLU_04	144.07	0.21	0.781	SLU_12	0.05	0.10	0.000
2937	1	R70x30-8	SLU_04	-68.85	0.16	0.498	SLU_12	-1.51	0.08	0.008
2938	1	R70x30-8	SLU_04	82.81	0.16	0.599	SLU_12	1.35	0.08	0.008
2939	1	R70x30-8	SLU_04	-51.71	0.16	0.374	SLU_12	-0.37	0.08	0.002
2940	1	R70x30-8	SLU_04	-65.02	0.16	0.470	SLU_12	-0.69	0.08	0.004
2941	1	R70x30-8	SLU_04	52.03	0.16	0.376	SLU_12	-0.81	0.08	0.004
2942	1	R80x30-24	SLU_04	-156.52	0.21	0.849	SLU_12	-4.70	0.10	0.018
	2	R80x30-23	SLU_04	-86.25	0.16	0.624	SLU_12	-4.70	0.08	0.023
2943	1	R80x30-23	SLU_04	118.57	0.16	0.857	SLU_12	-1.52	0.08	0.007
	2	R80x30-24	SLU_04	161.13	0.21	0.874	SLU_12	-1.52	0.10	0.006
2944	1	R80x30-24	SLU_04	-160.38	0.21	0.870	SLU_12	-1.15	0.10	0.004
	2	R80x30-23	SLU_04	-118.03	0.16	0.853	SLU_12	-1.15	0.08	0.006
2945	1	R80x30-23	SLU_04	86.51	0.16	0.626	SLU_12	5.38	0.08	0.026
	2	R80x30-24	SLU_04	156.94	0.21	0.851	SLU_12	5.38	0.10	0.021
2946	1	R80x30-24	SLU_04	-157.50	0.21	0.854	SLU_12	-5.47	0.10	0.021
	2	R80x30-23	SLU_04	-87.07	0.16	0.630	SLU_12	-5.47	0.08	0.026
2947	1	R80x30-23	SLU_04	118.49	0.16	0.857	SLU_12	0.58	0.08	0.003
	2	R80x30-24	SLU_04	160.85	0.21	0.872	SLU_12	0.58	0.10	0.002

2948	1	R80x30-24	SLU_04	-160.62	0.21	0.871	SLU_12	1.17	0.10	0.004
	2	R80x30-23	SLU_04	-118.07	0.16	0.854	SLU_12	1.17	0.08	0.006
2949	1	R80x30-23	SLU_04	86.68	0.16	0.627	SLU_12	-3.11	0.08	0.015
	2	R80x30-24	SLU_04	156.95	0.21	0.851	SLU_12	-3.11	0.10	0.012
2950	1	R100x30-76	SLU_04	-195.97	0.31	0.709	SLU_12	-2.23	0.16	0.004
	2	R100x30-77	SLU_04	-106.53	0.21	0.231	SLU_12	-2.23	0.10	0.003
	3	R100x30-80	SLU_04	72.61	0.21	0.394	SLU_12	-2.23	0.10	0.006
2951	1	R100x30-73	SLU_04	153.85	0.21	0.834	SLU_12	-6.13	0.10	0.018
	2	R100x30-79	SLU_04	208.01	0.31	0.752	SLU_12	-6.13	0.16	0.012
2952	1	R100x30-79	SLU_04	-204.59	0.31	0.740	SLU_12	6.12	0.16	0.012
	2	R100x30-73	SLU_04	-150.67	0.21	0.817	SLU_12	6.12	0.10	0.017
2953	1	R100x30-80	SLU_04	-69.80	0.21	0.379	SLU_12	-3.07	0.10	0.009
	2	R100x30-77	SLU_04	109.67	0.21	0.238	SLU_12	-3.07	0.10	0.004
	3	R100x30-79	SLU_04	199.32	0.31	0.721	SLU_12	-3.07	0.16	0.006
2954	1	R100x30-75	SLU_04	-103.25	0.21	0.560	SLU_12	-8.91	0.10	0.025
	2	R100x30-74	SLU_04	-78.16	0.21	0.424	SLU_12	-8.91	0.10	0.025
2955	1	R100x30-74	SLU_04	78.02	0.21	0.423	SLU_12	-9.92	0.10	0.028
	2	R100x30-75	SLU_04	103.10	0.21	0.559	SLU_12	-9.92	0.10	0.028
2956	1	R100x30-79	SLU_04	-199.77	0.31	0.722	SLU_12	2.49	0.16	0.005
	2	R100x30-77	SLU_04	-110.12	0.21	0.239	SLU_12	2.49	0.10	0.003
	3	R100x30-80	SLU_04	70.39	0.21	0.382	SLU_12	2.49	0.10	0.007
2957	1	R100x30-73	SLU_04	151.26	0.21	0.820	SLU_12	-6.62	0.10	0.019
	2	R100x30-79	SLU_04	205.18	0.31	0.742	SLU_12	-6.62	0.16	0.013
2958	1	R100x30-79	SLU_04	-207.08	0.31	0.749	SLU_12	-3.30	0.16	0.007
	2	R100x30-73	SLU_04	-152.91	0.21	0.829	SLU_12	-3.30	0.10	0.009
2959	1	R100x30-80	SLU_04	-71.67	0.21	0.389	SLU_12	-2.61	0.10	0.007
	2	R100x30-77	SLU_04	107.63	0.21	0.233	SLU_12	-2.61	0.10	0.003
	3	R100x30-76	SLU_04	197.07	0.31	0.712	SLU_12	-2.61	0.16	0.005
2960	1	R100x30-67	SLU_04	-79.69	0.21	0.432	SLU_12	1.96	0.10	0.006
2961	1	R100x30-67	SLU_04	90.26	0.21	0.489	SLU_12	2.08	0.10	0.006
	2	R100x30-82	SLU_04	121.55	0.21	0.659	SLU_12	2.08	0.10	0.006
2962	1	R100x30-82	SLU_04	-155.99	0.21	0.846	SLU_12	5.60	0.10	0.016
	2	R100x30-67	SLU_04	-114.31	0.21	0.620	SLU_12	5.60	0.10	0.016
2963	1	R100x30-67	SLU_04	82.45	0.21	0.447	SLU_12	-3.29	0.10	0.009
	2	R100x30-82	SLU_04	158.40	0.21	0.859	SLU_12	-3.29	0.10	0.009
2964	1	R100x30-83	SLU_04	-185.04	0.31	0.669	SLU_12	-0.30	0.16	0.001
	2	R100x30-67	SLU_04	-130.68	0.21	0.709	SLU_12	-0.30	0.10	0.001
2965	1	R100x30-67	SLU_04	130.86	0.21	0.710	SLU_12	-0.40	0.10	0.001
	2	R100x30-83	SLU_04	185.22	0.31	0.670	SLU_12	-0.40	0.16	0.001
2966	1	R100x30-82	SLU_04	-158.33	0.21	0.859	SLU_12	2.77	0.10	0.008
	2	R100x30-67	SLU_04	-82.38	0.21	0.447	SLU_12	2.77	0.10	0.008
2967	1	R100x30-67	SLU_04	114.89	0.21	0.623	SLU_12	-4.62	0.10	0.013
	2	R100x30-82	SLU_04	157.03	0.21	0.852	SLU_12	-4.62	0.10	0.013
2968	1	R100x30-82	SLU_04	-120.89	0.21	0.656	SLU_12	-3.25	0.10	0.009
	2	R100x30-67	SLU_04	-89.64	0.21	0.486	SLU_12	-3.25	0.10	0.009
2969	1	R100x30-67	SLU_04	80.83	0.21	0.438	SLU_12	-1.90	0.10	0.005
2970	1	R50x30-19	SLU_04	-0.88	0.10	0.009	SLU_12	0.24	0.10	0.001
2975	1	R50x30-28	SLU_12	2.12	0.10	0.023	SLU_12	0.25	0.10	0.001
2980	1	R50x30-28	SLU_12	2.07	0.10	0.022	SLU_12	0.11	0.10	0.001

2985	1	R50x30-21	SLU_12	1.62	0.10	0.018	SLU_12	0.10	0.10	0.001
2990	1	R50x30-19	SLU_06	1.50	0.10	0.016	SLU_12	0.27	0.10	0.002
2995	1	R50x30-19	SLU_06	1.27	0.10	0.014	SLU_12	0.12	0.10	0.001
3000	1	R50x30-19	SLU_06	1.29	0.10	0.014	SLU_12	-0.16	0.10	0.001
3005	1	R50x30-19	SLU_06	1.52	0.10	0.017	SLU_12	-0.39	0.10	0.002
3010	1	R50x30-21	SLU_06	1.55	0.10	0.017	SLU_12	-0.28	0.10	0.002
3015	1	R50x30-28	SLU_12	2.44	0.10	0.027	SLU_12	-0.24	0.10	0.001
3020	1	R50x30-28	SLU_12	2.97	0.10	0.032	SLU_12	-0.08	0.10	0.000
3025	1	R50x30-19	SLU_12	-1.63	0.10	0.018	SLU_12	-0.12	0.10	0.001
3030	1	R70x30-9	SLU_04	-51.89	0.16	0.375	SLU_12	0.72	0.08	0.004
3031	1	R70x30-9	SLU_04	65.24	0.16	0.472	SLU_12	0.43	0.08	0.002
3032	1	R70x30-9	SLU_04	53.25	0.16	0.385	SLU_12	-0.39	0.08	0.002
3033	1	R70x30-12	SLU_04	-83.29	0.16	0.602	SLU_12	-1.78	0.08	0.010
3034	1	R70x30-12	SLU_04	69.01	0.16	0.499	SLU_12	2.03	0.08	0.011
3035	1	R70x30-14	SLU_04	-144.12	0.21	0.782	SLU_12	0.11	0.10	0.000
	2	R70x30-12	SLU_04	-102.98	0.16	0.745	SLU_12	0.11	0.08	0.001
3036	1	R70x30-12	SLU_04	103.09	0.16	0.745	SLU_12	-0.15	0.08	0.001
	2	R70x30-14	SLU_04	144.23	0.21	0.782	SLU_12	-0.15	0.10	0.001
3037	1	R70x30-9	SLU_04	-68.15	0.16	0.493	SLU_12	-1.63	0.08	0.009
3038	1	R70x30-9	SLU_04	83.22	0.16	0.602	SLU_12	1.53	0.08	0.009
3039	1	R70x30-9	SLU_04	-53.06	0.16	0.384	SLU_12	0.15	0.08	0.001
3040	1	R70x30-9	SLU_04	-64.79	0.16	0.469	SLU_12	0.85	0.08	0.005
3041	1	R70x30-9	SLU_04	52.29	0.16	0.378	SLU_12	-0.70	0.08	0.004
3042	1	R80x30-33	SLU_09	-186.83	0.31	0.675	SLU_12	-6.91	0.16	0.017
	2	R80x30-31	SLU_09	-103.28	0.16	0.747	SLU_12	-6.91	0.08	0.033
3043	1	R80x30-21	SLU_09	140.30	0.23	0.704	SLU_10	-1.70	0.11	0.006
	2	R80x30-33	SLU_09	190.89	0.31	0.690	SLU_10	-1.70	0.16	0.004
3044	1	R80x30-33	SLU_09	-190.07	0.31	0.687	SLU_12	3.46	0.16	0.009
	2	R80x30-21	SLU_09	-139.70	0.23	0.701	SLU_12	3.46	0.11	0.012
3045	1	R80x30-31	SLU_09	103.59	0.16	0.749	SLU_12	5.18	0.08	0.025
	2	R80x30-33	SLU_09	187.34	0.31	0.677	SLU_12	5.18	0.16	0.013
3046	1	R80x30-33	SLU_09	-187.47	0.31	0.678	SLU_12	-5.57	0.16	0.014
	2	R80x30-34	SLU_09	-103.72	0.16	0.750	SLU_12	-5.57	0.08	0.027
3047	1	R80x30-21	SLU_09	139.76	0.23	0.702	SLU_12	-3.58	0.11	0.012
	2	R80x30-33	SLU_09	190.13	0.31	0.687	SLU_12	-3.58	0.16	0.009
3048	1	R100x30-87	SLU_09	-267.71	0.42	0.726	SLU_12	-2.98	0.21	0.004
	2	R100x30-88	SLU_09	-147.03	0.21	0.319	SLU_12	-2.98	0.10	0.004
	3	R100x30-89	SLU_09	94.90	0.21	0.515	SLU_12	-2.98	0.10	0.009
3049	1	R100x30-63	SLU_09	204.53	0.30	0.770	SLU_12	-12.12	0.15	0.024
	2	R100x30-91	SLU_09	277.62	0.42	0.753	SLU_12	-12.12	0.21	0.019
3050	1	R100x30-95	SLU_09	-254.66	0.31	0.921	SLU_12	3.71	0.16	0.007
	2	R100x30-64	SLU_09	-187.25	0.30	0.705	SLU_12	3.71	0.15	0.007
3051	1	R100x30-85	SLU_09	138.36	0.21	0.750	SLU_12	4.63	0.10	0.013
	2	R100x30-96	SLU_09	250.45	0.31	0.905	SLU_12	4.63	0.16	0.009
3052	1	R100x30-97	SLU_09	-120.50	0.21	0.653	SLU_12	-8.28	0.10	0.025
	2	R100x30-85	SLU_09	-89.13	0.21	0.483	SLU_12	-8.28	0.10	0.024
3053	1	R100x30-85	SLU_09	89.27	0.21	0.484	SLU_12	6.23	0.10	0.018
	2	R100x30-97	SLU_09	120.63	0.21	0.654	SLU_12	6.23	0.10	0.019
3054	1	R100x30-96	SLU_09	-250.30	0.31	0.905	SLU_12	-6.07	0.16	0.012

3054	2	R100x30-85	SLU_09	-138.20	0.21	0.749	SLU_12	-6.07	0.10	0.017
3055	1	R100x30-64	SLU_09	187.46	0.30	0.706	SLU_12	-2.18	0.15	0.004
	2	R100x30-95	SLU_09	254.87	0.31	0.921	SLU_12	-2.18	0.16	0.004
3056	1	R100x30-99	SLU_06	-95.24	0.21	0.516	SLU_12	-1.65	0.10	0.005
3057	1	R100x30-99	SLU_06	99.61	0.21	0.540	SLU_12	-2.67	0.10	0.008
	2	R100x30-100	SLU_06	135.48	0.21	0.735	SLU_12	-2.67	0.10	0.008
3058	1	R100x30-101	SLU_06	-178.38	0.23	0.896	SLU_12	7.08	0.11	0.020
	2	R100x30-102	SLU_06	-130.38	0.23	0.655	SLU_12	7.08	0.11	0.019
3059	1	R100x30-103	SLU_06	96.13	0.23	0.483	SLU_12	5.38	0.11	0.014
	2	R100x30-101	SLU_06	183.55	0.23	0.922	SLU_12	5.38	0.11	0.015
3060	1	R120x30-6	SLU_06	-214.93	0.31	0.777	SLU_12	-2.72	0.16	0.005
	2	R120x30-7	SLU_06	-152.36	0.21	0.826	SLU_12	-2.72	0.10	0.007
3061	1	R120x30-7	SLU_06	152.62	0.21	0.828	SLU_12	3.48	0.10	0.009
	2	R120x30-6	SLU_06	215.19	0.31	0.778	SLU_12	3.48	0.16	0.006
3062	1	R100x30-101	SLU_06	-183.11	0.23	0.919	SLU_12	-6.96	0.11	0.019
	2	R100x30-103	SLU_06	-95.70	0.23	0.481	SLU_12	-6.96	0.11	0.018
3063	1	R100x30-102	SLU_06	131.12	0.23	0.658	SLU_12	-9.27	0.11	0.024
	2	R100x30-101	SLU_06	179.64	0.23	0.902	SLU_12	-9.27	0.11	0.026
3064	1	R100x30-104	SLU_06	-134.98	0.21	0.732	SLU_12	3.24	0.10	0.009
	2	R100x30-99	SLU_06	-99.16	0.21	0.538	SLU_12	3.24	0.10	0.009
3065	1	R100x30-99	SLU_06	96.08	0.21	0.521	SLU_12	-6.25	0.10	0.018
3066	1	R50x30-21	SLU_04	-0.47	0.10	0.005	SLU_12	0.76	0.10	0.005
3071	1	R50x30-28	SLU_12	2.57	0.10	0.028	SLU_12	0.76	0.10	0.005
3076	1	R50x30-28	SLU_12	1.51	0.10	0.016	SLU_12	0.48	0.10	0.003
3081	1	R50x30-21	SLU_12	0.44	0.10	0.005	SLU_12	-0.18	0.10	0.001
3086	1	R50x30-21	SLU_06	1.90	0.10	0.021	SLU_10	-0.22	0.10	0.001
3091	1	R50x30-19	SLU_06	1.47	0.10	0.016	SLU_12	-0.27	0.10	0.002
3096	1	R50x30-19	SLU_06	1.37	0.10	0.015	SLU_12	0.25	0.10	0.001
3101	1	R50x30-21	SLU_12	1.85	0.10	0.020	SLU_12	0.37	0.10	0.002
3106	1	R50x30-28	SLU_12	0.47	0.10	0.005	SLU_12	0.20	0.10	0.001
3111	1	L60x90-30	SLU_12	77.95	0.06	0.414	SLU_12	3.12	0.06	0.030
3116	1	R70x30-8	SLU_06	-29.67	0.16	0.215	SLU_12	-0.65	0.08	0.004
3117	1	R70x30-8	SLU_06	50.37	0.16	0.364	SLU_12	-0.54	0.08	0.003
3118	1	R70x30-8	SLU_06	42.39	0.16	0.307	SLU_12	-1.31	0.08	0.007
3119	1	R70x30-12	SLU_06	-73.49	0.16	0.531	SLU_12	3.54	0.08	0.020
3120	1	R70x30-12	SLU_06	65.49	0.16	0.474	SLU_12	2.58	0.08	0.014
3121	1	R70x30-14	SLU_06	-137.06	0.21	0.743	SLU_12	-0.26	0.10	0.001
	2	R70x30-12	SLU_06	-97.94	0.16	0.708	SLU_12	-0.26	0.08	0.001
3122	1	R70x30-12	SLU_06	98.01	0.16	0.709	SLU_12	0.29	0.08	0.002
	2	R70x30-14	SLU_06	137.13	0.21	0.744	SLU_12	0.29	0.10	0.001
3123	1	R70x30-8	SLU_06	-64.89	0.16	0.469	SLU_12	-2.56	0.08	0.014
3124	1	R70x30-8	SLU_06	73.41	0.16	0.531	SLU_12	-4.05	0.08	0.023
3125	1	R70x30-9	SLU_06	-42.36	0.16	0.306	SLU_12	2.06	0.08	0.011
3126	1	R70x30-9	SLU_06	-50.01	0.16	0.362	SLU_12	2.62	0.08	0.015
3127	1	R70x30-9	SLU_06	29.97	0.16	0.217	SLU_12	-1.77	0.08	0.010
3128	1	L60x90-29	SLU_12	93.30	0.05	0.595	SLU_12	-0.36	0.05	0.004
3133	1	L60x90-19	SLU_12	-154.79	0.06	0.823	SLU_12	-18.45	0.06	0.176
	2	L60x90-21	SLU_12	-119.31	0.05	0.761	SLU_12	-18.45	0.05	0.211
	1	L60x90-18	SLU_12	149.92	0.05	0.956	SLU_12	32.54	0.05	0.371

3134	2	L60x90-19	SLU_12	173.66	0.06	0.923	SLU_12	32.54	0.06	0.310
	3	L60x90-20	SLU_12	188.60	0.08	0.802	SLU_12	32.54	0.08	0.248
3135	1	L60x90-31	SLU_06	-272.06	0.11	0.811	SLU_06	-42.10	0.11	0.223
	2	L60x90-32	SLU_06	-236.76	0.09	0.882	SLU_06	-42.10	0.09	0.278
	3	L60x90-33	SLU_06	-192.65	0.08	0.862	SLU_06	-42.10	0.08	0.334
3136	1	L60x90-34	SLU_06	-32.53	0.05	0.209	SLU_06	21.09	0.05	0.241
	2	L60x90-35	SLU_06	149.02	0.05	0.951	SLU_06	21.09	0.05	0.241
	3	L60x90-36	SLU_06	218.13	0.08	0.937	SLU_06	21.09	0.08	0.160
3137	1	R50x30-34	SLU_10	59.05	0.10	0.640	SLU_12	-1.41	0.10	0.008
	2	R50x30-35	SLU_10	59.05	0.10	0.256	SLU_12	-1.41	0.10	0.004
	3	R50x30-36	SLU_10	59.05	0.10	0.640	SLU_12	-1.41	0.10	0.009
3138	1	R50x30-54	SLU_10	88.43	0.11	0.888	SLU_12	0.64	0.11	0.004
	2	R50x30-40	SLU_10	88.43	0.11	0.888	SLU_12	0.64	0.11	0.004
3139	1	R50x30-54	SLU_10	88.43	0.11	0.888	SLU_12	-0.55	0.11	0.003
	2	R50x30-40	SLU_10	88.43	0.11	0.888	SLU_12	-0.55	0.11	0.003
3140	1	R50x30-48	SLU_10	59.05	0.10	0.640	SLU_12	1.46	0.10	0.009
	2	R50x30-49	SLU_10	59.05	0.10	0.256	SLU_12	1.46	0.10	0.004
	3	R50x30-50	SLU_10	59.05	0.10	0.640	SLU_12	1.46	0.10	0.009
3161	1	R80x30-27	SLU_10	-126.53	0.16	0.915	SLU_12	-5.79	0.08	0.030
	2	R80x30-28	SLU_10	-69.37	0.16	0.502	SLU_12	-5.79	0.08	0.028
3162	1	R80x30-28	SLU_10	97.61	0.16	0.706	SLU_12	3.57	0.08	0.017
	2	R80x30-29	SLU_10	132.23	0.21	0.717	SLU_12	3.57	0.10	0.014
3163	1	R80x30-27	SLU_10	-131.60	0.16	0.952	SLU_12	-6.18	0.08	0.032
	2	R80x30-28	SLU_10	-97.14	0.16	0.702	SLU_12	-6.18	0.08	0.030
3164	1	R80x30-28	SLU_10	69.50	0.16	0.503	SLU_12	-5.20	0.08	0.025
	2	R80x30-27	SLU_10	126.80	0.16	0.917	SLU_12	-5.20	0.08	0.027
3165	1	R80x30-38	SLU_10	-127.14	0.16	0.919	SLU_12	5.41	0.08	0.028
	2	R80x30-39	SLU_10	-69.84	0.16	0.505	SLU_12	5.41	0.08	0.026
3166	1	R80x30-39	SLU_10	97.31	0.16	0.704	SLU_12	5.40	0.08	0.026
	2	R80x30-38	SLU_10	131.77	0.16	0.953	SLU_12	5.40	0.08	0.028
3167	1	R80x30-39	SLU_12	-4.59	0.16	0.033	SLU_12	7.21	0.08	0.035
3169	1	R100x30-110	SLU_10	-71.30	0.21	0.387	SLU_12	-71.67	0.10	0.205
3170	1	R100x30-110	SLU_10	57.94	0.21	0.314	SLU_12	26.00	0.10	0.074
3171	1	R100x30-110	SLU_10	96.90	0.21	0.525	SLU_12	125.93	0.10	0.359
	2	R100x30-114	SLU_10	126.89	0.21	0.688	SLU_12	125.93	0.10	0.359
3172	1	R100x30-113	SLU_10	-122.52	0.21	0.664	SLU_12	7.07	0.10	0.020
	2	R100x30-110	SLU_10	-65.36	0.21	0.354	SLU_12	7.07	0.10	0.020
3173	1	R100x30-110	SLU_10	136.29	0.21	0.739	SLU_12	-12.29	0.10	0.035
3174	1	R100x30-112	SLU_10	-220.62	0.31	0.798	SLU_12	-1.91	0.16	0.004
	2	R100x30-114	SLU_10	-162.54	0.21	0.881	SLU_12	-1.91	0.10	0.005
3175	1	R100x30-113	SLU_10	118.34	0.21	0.642	SLU_12	-7.37	0.10	0.021
	2	R100x30-112	SLU_10	214.91	0.31	0.777	SLU_12	-7.37	0.16	0.014
3176	1	R100x30-112	SLU_10	-214.82	0.31	0.777	SLU_12	6.90	0.16	0.014
	2	R100x30-113	SLU_10	-118.25	0.21	0.641	SLU_12	6.90	0.10	0.020
3177	1	R100x30-114	SLU_10	162.84	0.21	0.883	SLU_12	1.63	0.10	0.005
	2	R100x30-112	SLU_10	220.92	0.31	0.799	SLU_12	1.63	0.16	0.003
3178	1	R100x30-110	SLU_12	-8.64	0.21	0.047	SLU_12	3.42	0.10	0.010
3180	1	R100x30-114	SLU_10	-117.24	0.21	0.636	SLU_12	-144.93	0.10	0.414
	2	R100x30-110	SLU_10	-87.25	0.21	0.473	SLU_12	-144.93	0.10	0.414

3181	1	R100x30-110	SLU_10	-52.43	0.21	0.284	SLU_12	-17.71	0.10	0.051
3182	1	R100x30-110	SLU_10	74.40	0.21	0.403	SLU_12	71.29	0.10	0.203
3183	1	R120x30-8	SLU_10	-154.54	0.21	0.838	SLU_12	89.81	0.10	0.224
	2	R120x30-9	SLU_10	-120.93	0.21	0.656	SLU_12	89.81	0.10	0.212
3184	1	R120x30-9	SLU_10	-124.64	0.21	0.676	SLU_12	18.67	0.10	0.044
3185	1	R120x30-9	SLU_10	124.11	0.21	0.673	SLU_12	-11.60	0.10	0.027
3186	1	R120x30-9	SLU_10	123.50	0.21	0.670	SLU_12	-96.50	0.10	0.228
	2	R120x30-8	SLU_10	157.11	0.21	0.852	SLU_12	-96.50	0.10	0.240
3187	1	R100x30-106	SLU_10	-90.74	0.21	0.492	SLU_12	1.21	0.10	0.003
3188	1	R100x30-106	SLU_10	87.00	0.21	0.472	SLU_12	-2.96	0.10	0.008
3189	1	R120x30-10	SLU_10	-94.92	0.21	0.515	SLU_12	-18.18	0.10	0.043
3190	1	R120x30-10	SLU_10	95.29	0.21	0.517	SLU_12	18.43	0.10	0.043
3191	1	R100x30-106	SLU_10	-86.45	0.21	0.469	SLU_12	2.38	0.10	0.007
3192	1	R100x30-106	SLU_10	91.38	0.21	0.496	SLU_04	-1.06	0.10	0.003
3193	1	R50x30-21	SLU_12	1.37	0.10	0.015	SLU_12	0.33	0.10	0.002
3198	1	R50x30-19	SLU_10	5.60	0.10	0.061	SLU_12	0.22	0.10	0.001
	1	R50x30-37	SLU_10	10.14	0.10	0.110	SLU_12	0.60	0.10	0.004
3203	2	R50x30-23	SLU_10	10.14	0.10	0.044	SLU_12	0.60	0.10	0.002
	3	R50x30-38	SLU_10	10.14	0.10	0.110	SLU_12	0.60	0.10	0.004
3208	1	R50x30-23	SLU_10	11.34	0.10	0.123	SLU_12	0.47	0.10	0.003
	2	R50x30-41	SLU_10	11.34	0.10	0.123	SLU_12	0.47	0.10	0.003
3213	1	R50x30-21	SLU_12	3.05	0.10	0.033	SLU_12	0.68	0.10	0.004
3218	1	R50x30-21	SLU_06	1.05	0.10	0.011	SLU_12	0.32	0.10	0.002
3223	1	R50x30-21	SLU_12	1.13	0.10	0.012	SLU_12	-0.33	0.10	0.002
3228	1	R50x30-21	SLU_12	3.24	0.10	0.035	SLU_12	-0.79	0.10	0.005
3233	1	R50x30-23	SLU_10	11.28	0.10	0.122	SLU_12	-0.63	0.10	0.004
	2	R50x30-41	SLU_10	11.28	0.10	0.122	SLU_12	-0.63	0.10	0.004
3238	1	R50x30-45	SLU_10	9.30	0.10	0.101	SLU_12	-0.16	0.10	0.001
	2	R50x30-23	SLU_10	9.30	0.10	0.040	SLU_12	-0.16	0.10	0.000
	3	R50x30-46	SLU_10	9.30	0.10	0.101	SLU_12	-0.16	0.10	0.001
3243	1	R50x30-19	SLU_12	5.24	0.10	0.057	SLU_12	-0.69	0.10	0.004
3248	1	R50x30-21	SLU_12	2.06	0.10	0.022	SLU_12	-2.41	0.10	0.015
3253	1	R30x90-8	SLU_12	13.87	0.05	0.088	SLU_12	-3.09	0.05	0.067
3254	1	R30x90-8	SLU_12	13.87	0.05	0.088	SLU_12	-3.09	0.05	0.067
3256	1	R30x90-8	SLU_12	-22.79	0.05	0.145	SLU_12	1.77	0.05	0.026
3258	1	R30x90-8	SLU_12	4.53	0.05	0.029	SLU_12	-1.64	0.05	0.021
3260	1	R30x90-8	SLU_12	26.32	0.05	0.168	SLU_12	4.72	0.05	0.102
3261	1	R30x90-8	SLU_12	26.32	0.05	0.168	SLU_12	4.72	0.05	0.102
3287	1	R100x35-66	SLU_04	-210.69	0.21	0.952	SLU_12	-15.92	0.10	0.047
	2	R100x35-70	SLU_04	-117.53	0.21	0.531	SLU_12	-15.92	0.10	0.045
3288	1	R100x35-140	SLU_04	169.36	0.23	0.709	SLU_12	-22.53	0.11	0.060
	2	R100x35-67	SLU_04	225.78	0.23	0.945	SLU_12	-22.53	0.11	0.062
3289	1	R80x35-20	SLU_04	-166.81	0.21	0.754	SLU_12	-4.41	0.10	0.016
	2	R80x35-19	SLU_04	-94.34	0.16	0.568	SLU_12	-4.41	0.08	0.021
3290	1	R80x35-19	SLU_04	127.41	0.16	0.768	SLU_12	-10.91	0.08	0.053
	2	R80x35-21	SLU_04	171.30	0.21	0.774	SLU_12	-10.91	0.10	0.041
3291	1	R50x80-115	SLU_07	-386.69	0.23	0.647	SLU_12	6.14	0.23	0.017
	2	R50x80-116	SLU_07	-275.94	0.11	0.924	SLU_12	6.14	0.11	0.034
	3	R50x80-117	SLU_07	-54.45	0.09	0.228	SLU_12	6.14	0.09	0.043

3292	1	R50x80-117	SLU_07	56.31	0.09	0.236	SLU_12	-6.03	0.09	0.042
	2	R50x80-116	SLU_07	277.80	0.11	0.930	SLU_12	-6.03	0.11	0.034
	3	R50x80-115	SLU_07	388.54	0.23	0.650	SLU_12	-6.03	0.23	0.017
3293	1	R50x35-40	SLU_12	-26.70	0.10	0.241	SLU_12	-0.38	0.10	0.002
	2	R50x35-26	SLU_12	-26.70	0.10	0.241	SLU_12	-0.38	0.10	0.002
3294	1	R50x35-37	SLU_01	-98.39	0.10	0.889	SLU_12	-1.79	0.10	0.011
	2	R50x35-38	SLU_01	-98.39	0.10	0.889	SLU_12	-1.79	0.10	0.011
3295	1	R80x80-32	SLU_06	-127.22	0.15	0.319	SLU_12	3.90	0.08	0.021
	2	R80x80-33	SLU_06	-127.22	0.15	0.319	SLU_12	3.90	0.08	0.021
3296	1	R50x35-43	SLU_06	-142.88	0.16	0.861	SLU_12	0.98	0.16	0.004
	2	R50x35-44	SLU_06	-142.88	0.10	0.517	SLU_12	0.98	0.10	0.002
	3	R50x35-45	SLU_06	-142.88	0.16	0.861	SLU_12	0.98	0.16	0.004
3297	1	R60x80-85	SLU_01	-173.95	0.10	0.629	SLU_12	-9.75	0.05	0.072
	2	R60x80-86	SLU_01	-173.95	0.10	0.629	SLU_12	-9.75	0.05	0.070
3298	1	R60x80-48	SLU_06	-139.14	0.10	0.503	SLU_12	7.89	0.05	0.061
	2	R60x80-44	SLU_06	-139.14	0.10	0.503	SLU_12	7.89	0.05	0.060
3299	1	R60x80-66	SLU_01	-170.07	0.10	0.615	SLU_12	9.23	0.05	0.069
	2	R60x80-61	SLU_01	-170.07	0.10	0.615	SLU_12	9.23	0.05	0.068
3300	1	R60x80-56	SLU_06	-188.58	0.10	0.682	SLU_12	9.82	0.05	0.069
	2	R60x80-57	SLU_06	-188.58	0.10	0.682	SLU_12	9.82	0.05	0.069
3301	1	R60x80-56	SLU_06	-188.58	0.10	0.682	SLU_12	-9.83	0.05	0.069
	2	R60x80-57	SLU_06	-188.58	0.10	0.682	SLU_12	-9.83	0.05	0.069
3302	1	R60x80-66	SLU_01	-170.07	0.10	0.615	SLU_12	-9.22	0.05	0.069
	2	R60x80-61	SLU_01	-170.07	0.10	0.615	SLU_12	-9.22	0.05	0.068
3303	1	R60x80-48	SLU_06	-138.98	0.10	0.502	SLU_12	-7.85	0.05	0.061
	2	R60x80-44	SLU_06	-138.98	0.10	0.502	SLU_12	-7.85	0.05	0.060
3304	1	R60x80-48	SLU_06	-140.24	0.10	0.507	SLU_12	-3.38	0.05	0.027
	2	R60x80-44	SLU_06	-140.24	0.10	0.507	SLU_12	-3.38	0.05	0.026
3305	1	R60x80-85	SLU_01	-173.60	0.10	0.628	SLU_12	10.62	0.05	0.081
	2	R60x80-86	SLU_01	-173.60	0.10	0.628	SLU_12	10.62	0.05	0.079
3306	1	R60x80-87	SLU_06	-142.47	0.10	0.515	SLU_12	1.63	0.05	0.016
3307	1	R80x80-32	SLU_06	-127.04	0.15	0.319	SLU_12	-4.71	0.08	0.025
	2	R80x80-33	SLU_06	-127.04	0.15	0.319	SLU_12	-4.71	0.08	0.026
3308	1	R50x35-37	SLU_01	-98.39	0.10	0.889	SLU_12	1.75	0.10	0.011
	2	R50x35-38	SLU_01	-98.39	0.10	0.889	SLU_12	1.75	0.10	0.011
3309	1	R50x35-33	SLU_01	-26.70	0.10	0.241	SLU_06	0.32	0.10	0.002
	2	R50x35-26	SLU_01	-26.70	0.10	0.241	SLU_06	0.32	0.10	0.002
331	1	R50x30-21	SLU_12	-4.55	0.10	0.049	SLU_12	0.27	0.10	0.002
3310	1	R80x80-30	SLU_06	-137.82	0.15	0.346	SLU_12	2.41	0.08	0.013
	2	R80x80-31	SLU_06	-137.82	0.15	0.346	SLU_12	2.41	0.08	0.013
3311	1	R80x80-30	SLU_06	-137.82	0.15	0.346	SLU_12	-2.40	0.08	0.013
	2	R80x80-31	SLU_06	-137.82	0.15	0.346	SLU_12	-2.40	0.08	0.013
3312	1	R60x80-48	SLU_06	-141.08	0.10	0.510	SLU_12	2.71	0.05	0.021
	2	R60x80-44	SLU_06	-141.08	0.10	0.510	SLU_12	2.71	0.05	0.021
332	1	R50x30-21	SLU_12	-4.75	0.10	0.052	SLU_12	0.35	0.10	0.002
333	1	R50x30-21	SLU_12	-5.70	0.10	0.062	SLU_12	0.58	0.10	0.004
334	1	R50x30-21	SLU_12	-5.81	0.10	0.063	SLU_12	-0.58	0.10	0.003
335	1	R50x30-21	SLU_12	-5.10	0.10	0.055	SLU_12	-0.32	0.10	0.002
336	1	R50x30-21	SLU_12	-4.75	0.10	0.052	SLU_12	-0.24	0.10	0.001

337	1	R50x30-21	SLU_12	-4.55	0.10	0.049	SLU_12	-0.22	0.10	0.001
338	1	R100x35-152	SLU_03	-283.17	0.31	0.853	SLU_12	-2.36	0.16	0.005
	2	R100x35-155	SLU_03	-158.84	0.21	0.718	SLU_12	-2.36	0.10	0.007
339	1	R50x30-21	SLU_01	-4.34	0.10	0.047	SLU_12	0.27	0.10	0.002
340	1	R50x30-21	SLU_01	-5.07	0.10	0.055	SLU_12	0.35	0.10	0.002
341	1	R50x30-21	SLU_12	-2.51	0.10	0.027	SLU_12	0.84	0.10	0.005
342	1	R50x80-57	SLU_03	41.38	0.09	0.173	SLU_12	-1.64	0.09	0.011
	2	R50x80-58	SLU_03	41.38	0.09	0.173	SLU_12	-1.64	0.09	0.011
343	1	R50x80-56	SLU_12	48.72	0.09	0.204	SLU_12	-1.72	0.09	0.011
	2	R50x80-57	SLU_12	48.72	0.09	0.204	SLU_12	-1.72	0.09	0.011
	3	R50x80-58	SLU_12	48.72	0.09	0.204	SLU_12	-1.72	0.09	0.011
344	1	R50x80-56	SLU_12	59.08	0.09	0.247	SLU_12	-0.99	0.09	0.007
	2	R50x80-57	SLU_12	59.08	0.09	0.247	SLU_12	-0.99	0.09	0.007
	3	R50x80-58	SLU_12	59.08	0.09	0.247	SLU_12	-0.99	0.09	0.007
345	1	R50x80-56	SLU_12	65.43	0.09	0.274	SLU_12	-1.03	0.09	0.007
	2	R50x80-57	SLU_12	65.43	0.09	0.274	SLU_12	-1.03	0.09	0.007
	3	R50x80-58	SLU_12	65.43	0.09	0.274	SLU_12	-1.03	0.09	0.007
346	1	R50x80-56	SLU_12	72.53	0.09	0.304	SLU_12	-0.61	0.09	0.004
	2	R50x80-57	SLU_12	72.53	0.09	0.304	SLU_12	-0.61	0.09	0.004
	3	R50x80-58	SLU_12	72.53	0.09	0.304	SLU_12	-0.61	0.09	0.004
347	1	R50x80-56	SLU_12	67.57	0.09	0.283	SLU_12	0.35	0.09	0.002
	2	R50x80-57	SLU_12	67.57	0.09	0.283	SLU_12	0.35	0.09	0.002
	3	R50x80-58	SLU_12	67.57	0.09	0.283	SLU_12	0.35	0.09	0.002
348	1	R50x80-91	SLU_12	48.98	0.09	0.205	SLU_12	-0.04	0.09	0.000
349	1	R50x80-56	SLU_12	67.96	0.09	0.284	SLU_12	-0.44	0.09	0.003
	2	R50x80-57	SLU_12	67.96	0.09	0.284	SLU_12	-0.44	0.09	0.003
	3	R50x80-58	SLU_12	67.96	0.09	0.284	SLU_12	-0.44	0.09	0.003
40	1	R50x30-21	SLU_04	-5.51	0.10	0.060	SLU_12	-0.35	0.10	0.002
612	1	R80x30-27	SLU_10	-107.37	0.16	0.776	SLU_12	7.23	0.08	0.037
	2	R80x30-28	SLU_10	-49.55	0.16	0.143	SLU_12	7.23	0.08	0.014
	3	R80x30-27	SLU_10	66.47	0.16	0.481	SLU_12	7.23	0.08	0.037
613	1	R100x35-150	SLU_03	211.00	0.21	0.954	SLU_12	-3.82	0.10	0.011
	2	R100x35-152	SLU_03	286.29	0.31	0.863	SLU_12	-3.82	0.16	0.008
614	1	R80x30-27	SLU_10	-41.99	0.16	0.304	SLU_12	-3.39	0.08	0.017
	2	R80x30-28	SLU_10	44.20	0.16	0.320	SLU_12	-3.39	0.08	0.016
621	1	R80x30-28	SLU_10	87.03	0.16	0.629	SLU_12	-1.83	0.08	0.009
622	1	R80x30-28	SLU_10	-43.72	0.16	0.316	SLU_12	-6.97	0.08	0.034
	2	R80x30-27	SLU_10	42.97	0.16	0.311	SLU_12	-6.97	0.08	0.036
623	1	R100x35-121	SLU_03	-378.20	0.42	0.855	SLU_12	-7.16	0.21	0.011
	2	R100x35-122	SLU_03	-210.51	0.21	0.951	SLU_12	-7.16	0.10	0.020
650	1	R50x80-56	SLU_12	73.00	0.09	0.305	SLU_12	0.58	0.09	0.004
	2	R50x80-57	SLU_12	73.00	0.09	0.305	SLU_12	0.58	0.09	0.004
	3	R50x80-58	SLU_12	73.00	0.09	0.305	SLU_12	0.58	0.09	0.004
651	1	R100x35-78	SLU_03	288.01	0.30	0.904	SLU_12	-18.89	0.15	0.037
	2	R100x35-124	SLU_03	389.56	0.42	0.880	SLU_12	-18.89	0.21	0.028
652	1	R100x30-68	SLU_01	-63.97	0.21	0.347	SLU_12	1.38	0.10	0.004
	2	R100x30-67	SLU_01	61.52	0.21	0.334	SLU_12	1.38	0.10	0.004
653	1	R100x30-67	SLU_01	124.78	0.21	0.677	SLU_12	-0.52	0.10	0.001
654	1	R100x30-67	SLU_01	-61.35	0.21	0.333	SLU_12	-1.36	0.10	0.004

654	2	R100x30-68	SLU_01	63.54	0.21	0.345	SLU_12	-1.36	0.10	0.004
	1	R100x35-152	SLU_03	-285.52	0.31	0.860	SLU_12	4.10	0.16	0.008
655	2	R100x35-150	SLU_03	-210.23	0.21	0.380	SLU_12	4.10	0.10	0.005
	3	R100x35-153	SLU_03	-134.94	0.21	0.610	SLU_12	4.10	0.10	0.012
656	1	R80x30-18	SLU_04	-62.84	0.16	0.454	SLU_12	6.89	0.08	0.035
	2	R80x30-17	SLU_04	48.32	0.16	0.349	SLU_12	6.89	0.08	0.033
657	1	R100x35-155	SLU_03	159.57	0.21	0.721	SLU_12	2.46	0.10	0.007
	2	R100x35-152	SLU_03	283.90	0.31	0.855	SLU_12	2.46	0.16	0.005
658	1	R100x30-68	SLU_01	-61.46	0.21	0.333	SLU_12	1.37	0.10	0.004
	2	R100x30-67	SLU_01	62.76	0.21	0.340	SLU_12	1.37	0.10	0.004
659	1	R100x30-67	SLU_01	124.99	0.21	0.678	SLU_12	-0.46	0.10	0.001
660	1	R100x30-67	SLU_01	-59.48	0.21	0.323	SLU_12	-1.44	0.10	0.004
	2	R100x30-68	SLU_01	65.94	0.21	0.358	SLU_12	-1.44	0.10	0.004
661	1	R100x35-124	SLU_03	-388.41	0.42	0.878	SLU_12	18.79	0.21	0.028
	2	R100x35-78	SLU_03	-286.86	0.30	0.900	SLU_12	18.79	0.15	0.037
662	1	R100x35-122	SLU_03	211.56	0.21	0.956	SLU_12	6.99	0.10	0.020
	2	R100x35-121	SLU_03	379.26	0.42	0.857	SLU_12	6.99	0.21	0.010
663	1	R100x30-100	SLU_01	-59.99	0.21	0.325	SLU_12	1.09	0.10	0.003
	2	R100x30-99	SLU_01	57.65	0.21	0.313	SLU_12	1.09	0.10	0.003
664	1	R100x30-99	SLU_01	-116.73	0.21	0.633	SLU_12	0.39	0.10	0.001
665	1	R100x30-99	SLU_01	-57.04	0.21	0.309	SLU_12	-0.61	0.10	0.002
	2	R100x30-100	SLU_01	59.84	0.21	0.325	SLU_12	-0.61	0.10	0.002
666	1	R80x35-21	SLU_04	-167.50	0.21	0.757	SLU_12	-8.92	0.10	0.033
	2	R80x35-19	SLU_04	-123.81	0.16	0.746	SLU_12	-8.92	0.08	0.043
667	1	R100x30-100	SLU_01	-110.72	0.21	0.600	SLU_12	-0.70	0.10	0.002
	2	R100x30-99	SLU_01	122.72	0.21	0.666	SLU_12	-0.70	0.10	0.002
668	1	R80x35-19	SLU_04	91.22	0.16	0.550	SLU_12	6.13	0.08	0.030
	2	R80x35-21	SLU_04	163.86	0.21	0.741	SLU_12	6.13	0.10	0.023
669	1	R100x30-99	SLU_01	-122.64	0.21	0.665	SLU_12	0.70	0.10	0.002
	2	R100x30-100	SLU_01	110.73	0.21	0.600	SLU_12	0.70	0.10	0.002
670	1	R80x35-17	SLU_04	-163.98	0.21	0.741	SLU_12	-6.15	0.10	0.023
	2	R80x35-15	SLU_04	-91.34	0.16	0.550	SLU_12	-6.15	0.08	0.030
671	1	R100x30-100	SLU_01	-57.17	0.21	0.310	SLU_12	0.66	0.10	0.002
	2	R100x30-99	SLU_01	59.25	0.21	0.321	SLU_12	0.66	0.10	0.002
672	1	R100x30-99	SLU_01	116.74	0.21	0.633	SLU_12	-0.41	0.10	0.001
673	1	R100x30-99	SLU_01	-55.08	0.21	0.299	SLU_12	-1.14	0.10	0.003
	2	R100x30-100	SLU_01	62.44	0.21	0.339	SLU_12	-1.14	0.10	0.003
674	1	R80x35-15	SLU_04	123.59	0.16	0.745	SLU_12	8.84	0.08	0.043
	2	R80x35-17	SLU_04	167.28	0.21	0.756	SLU_12	8.84	0.10	0.033
675	1	R100x30-100	SLU_01	-54.32	0.21	0.295	SLU_12	1.21	0.10	0.004
	2	R100x30-99	SLU_01	47.83	0.21	0.259	SLU_12	1.21	0.10	0.003
676	1	R100x30-99	SLU_01	111.36	0.21	0.604	SLU_12	0.16	0.10	0.000
677	1	R100x30-99	SLU_01	-57.32	0.21	0.311	SLU_12	-1.11	0.10	0.003
	2	R100x30-100	SLU_01	59.55	0.21	0.323	SLU_12	-1.11	0.10	0.003
678	1	R80x35-17	SLU_04	-170.57	0.21	0.771	SLU_12	11.31	0.10	0.042
	2	R80x35-15	SLU_04	-126.69	0.16	0.763	SLU_12	11.31	0.08	0.055
679	1	R100x30-100	SLU_01	-129.98	0.21	0.705	SLU_12	-0.40	0.10	0.001
	2	R100x30-99	SLU_01	129.28	0.21	0.701	SLU_12	-0.40	0.10	0.001
680	1	R100x30-99	SLU_01	97.89	0.21	0.531	SLU_12	0.63	0.10	0.002

681	1	R100x30-99	SLU_01	-98.05	0.21	0.532	SLU_03	-0.62	0.10	0.002
682	1	R100x30-99	SLU_01	-129.50	0.21	0.702	SLU_12	0.34	0.10	0.001
	2	R100x30-100	SLU_01	129.77	0.21	0.704	SLU_12	0.34	0.10	0.001
683	1	R80x35-15	SLU_04	94.96	0.16	0.572	SLU_12	4.52	0.08	0.022
	2	R80x35-18	SLU_04	167.44	0.21	0.757	SLU_12	4.52	0.10	0.016
684	1	R100x30-100	SLU_01	-59.54	0.21	0.323	SLU_12	1.06	0.10	0.003
	2	R100x30-99	SLU_01	57.31	0.21	0.311	SLU_12	1.06	0.10	0.003
685	1	R100x30-99	SLU_01	-111.35	0.21	0.604	SLU_12	-0.15	0.10	0.000
686	1	R100x30-99	SLU_01	-46.69	0.21	0.253	SLU_12	-1.17	0.10	0.003
	2	R100x30-100	SLU_01	55.43	0.21	0.301	SLU_12	-1.17	0.10	0.004
688	1	R50x30-21	SLU_12	1.67	0.10	0.018	SLU_12	-0.18	0.10	0.001
690	1	R50x30-21	SLU_12	1.50	0.10	0.016	SLU_12	-0.15	0.10	0.001
692	1	R50x30-21	SLU_12	0.99	0.10	0.011	SLU_12	-0.09	0.10	0.001
694	1	R50x30-21	SLU_12	0.69	0.10	0.007	SLU_12	-0.09	0.10	0.001
696	1	R50x30-21	SLU_12	-1.58	0.10	0.017	SLU_12	0.20	0.10	0.001
697	1	R50x30-21	SLU_06	-58.19	0.10	0.631	SLU_12	-0.16	0.10	0.001
698	1	R50x80-56	SLU_12	65.61	0.09	0.275	SLU_12	1.01	0.09	0.007
	2	R50x80-57	SLU_12	65.61	0.09	0.275	SLU_12	1.01	0.09	0.007
	3	R50x80-58	SLU_12	65.61	0.09	0.275	SLU_12	1.01	0.09	0.007
699	1	R50x30-21	SLU_06	-58.14	0.10	0.631	SLU_12	0.15	0.10	0.001
701	1	R50x30-21	SLU_12	-1.64	0.10	0.018	SLU_12	-0.16	0.10	0.001
703	1	R50x30-21	SLU_12	1.23	0.10	0.013	SLU_12	0.09	0.10	0.001
705	1	R50x30-21	SLU_12	1.16	0.10	0.013	SLU_12	0.09	0.10	0.001
707	1	R50x30-21	SLU_12	1.51	0.10	0.016	SLU_12	0.15	0.10	0.001
709	1	R50x30-21	SLU_12	1.48	0.10	0.016	SLU_12	0.19	0.10	0.001
712	1	R50x30-21	SLU_01	-1.71	0.10	0.019	SLU_12	-0.04	0.10	0.000
713	1	R50x30-21	SLU_12	-1.74	0.10	0.019	SLU_12	0.05	0.10	0.000
714	1	R50x30-21	SLU_12	-1.39	0.10	0.015	SLU_12	0.05	0.10	0.000
715	1	R50x30-21	SLU_12	-1.36	0.10	0.015	SLU_12	0.02	0.10	0.000
716	1	R50x30-28	SLU_12	-1.65	0.10	0.018	SLU_12	0.00	0.10	0.000
717	1	R50x30-21	SLU_12	-1.37	0.10	0.015	SLU_12	-0.01	0.10	0.000
718	1	R50x30-21	SLU_12	-1.37	0.10	0.015	SLU_12	-0.04	0.10	0.000
719	1	R50x30-21	SLU_12	-1.72	0.10	0.019	SLU_12	-0.05	0.10	0.000
720	1	R50x30-21	SLU_01	-1.61	0.10	0.017	SLU_12	0.04	0.10	0.000
721	1	R80x30-17	SLU_04	108.10	0.16	0.782	SLU_12	2.76	0.08	0.013
722	1	R80x30-17	SLU_04	-46.17	0.16	0.334	SLU_12	-6.75	0.08	0.033
	2	R80x30-18	SLU_04	63.68	0.16	0.460	SLU_12	-6.75	0.08	0.034
724	1	R80x30-18	SLU_04	-89.01	0.16	0.644	SLU_12	-4.11	0.08	0.021
	2	R80x30-17	SLU_04	122.91	0.16	0.889	SLU_12	-4.11	0.08	0.020
726	1	R80x30-17	SLU_04	-122.72	0.16	0.887	SLU_12	4.07	0.08	0.020
	2	R80x30-18	SLU_04	89.09	0.16	0.644	SLU_12	4.07	0.08	0.021
728	1	R80x30-18	SLU_04	-61.25	0.16	0.443	SLU_12	6.73	0.08	0.034
	2	R80x30-17	SLU_04	48.90	0.16	0.354	SLU_12	6.73	0.08	0.032
729	1	R80x30-17	SLU_04	108.60	0.16	0.785	SLU_12	-2.79	0.08	0.013
730	1	R80x30-17	SLU_04	-43.63	0.16	0.315	SLU_12	-6.97	0.08	0.034
	2	R80x30-18	SLU_04	67.56	0.16	0.489	SLU_12	-6.97	0.08	0.035
732	1	R80x30-18	SLU_04	-96.50	0.16	0.698	SLU_12	-10.69	0.08	0.054
	2	R80x30-17	SLU_04	126.78	0.16	0.917	SLU_12	-10.69	0.08	0.052
733	1	R80x30-26	SLU_04	37.11	0.16	0.268	SLU_12	2.78	0.08	0.013

734	1	R100x30-114	SLU_04	-140.36	0.21	0.761	SLU_12	6.53	0.10	0.019
	2	R100x30-110	SLU_04	-62.27	0.21	0.135	SLU_12	6.53	0.10	0.008
	3	R100x30-109	SLU_04	116.73	0.21	0.633	SLU_12	6.53	0.10	0.019
736	1	R100x30-111	SLU_04	-84.89	0.21	0.460	SLU_12	12.76	0.10	0.038
	2	R100x30-110	SLU_04	52.38	0.21	0.284	SLU_12	12.76	0.10	0.036
737	1	R100x30-110	SLU_04	-137.44	0.21	0.745	SLU_12	5.29	0.10	0.015
738	1	R100x30-110	SLU_04	-54.24	0.21	0.294	SLU_12	-10.17	0.10	0.029
	2	R100x30-111	SLU_04	83.14	0.21	0.451	SLU_12	-10.17	0.10	0.030
740	1	R100x30-111	SLU_04	-116.64	0.21	0.633	SLU_12	-9.24	0.10	0.027
	2	R100x30-110	SLU_04	65.91	0.21	0.143	SLU_12	-9.24	0.10	0.011
	3	R100x30-114	SLU_04	155.77	0.21	0.845	SLU_12	-9.24	0.10	0.026
742	1	R100x30-114	SLU_04	-155.74	0.21	0.845	SLU_12	9.11	0.10	0.026
	2	R100x30-110	SLU_04	-65.88	0.21	0.143	SLU_12	9.11	0.10	0.011
	3	R100x30-111	SLU_04	116.75	0.21	0.633	SLU_12	9.11	0.10	0.027
744	1	R100x30-111	SLU_04	-79.38	0.21	0.431	SLU_12	10.15	0.10	0.030
	2	R100x30-110	SLU_04	58.21	0.21	0.316	SLU_12	10.15	0.10	0.029
745	1	R100x30-110	SLU_04	138.25	0.21	0.750	SLU_12	-5.35	0.10	0.015
746	1	R100x30-110	SLU_04	-49.45	0.21	0.268	SLU_12	-12.85	0.10	0.037
	2	R100x30-111	SLU_04	87.75	0.21	0.476	SLU_12	-12.85	0.10	0.038
747	1	R50x80-56	SLU_12	59.27	0.09	0.248	SLU_12	0.96	0.09	0.006
	2	R50x80-57	SLU_12	59.27	0.09	0.248	SLU_12	0.96	0.09	0.006
	3	R50x80-58	SLU_12	59.27	0.09	0.248	SLU_12	0.96	0.09	0.006
749	1	R100x30-111	SLU_04	-118.56	0.21	0.643	SLU_12	-6.81	0.10	0.020
	2	R100x30-110	SLU_04	59.90	0.21	0.130	SLU_12	-6.81	0.10	0.008
	3	R100x30-114	SLU_04	137.91	0.21	0.748	SLU_12	-6.81	0.10	0.019
750	1	R80x30-26	SLU_04	-36.66	0.16	0.265	SLU_12	-2.97	0.08	0.014
752	1	R100x30-82	SLU_04	-58.23	0.21	0.316	SLU_12	9.88	0.10	0.028
	2	R100x30-67	SLU_04	-25.95	0.21	0.141	SLU_12	9.88	0.10	0.028
753	1	R100x30-67	SLU_04	-96.15	0.21	0.521	SLU_12	3.37	0.10	0.010
754	1	R100x30-67	SLU_04	-46.96	0.21	0.255	SLU_12	5.99	0.10	0.017
	2	R100x30-82	SLU_04	59.25	0.21	0.321	SLU_12	5.99	0.10	0.017
756	1	R100x30-82	SLU_04	-111.46	0.21	0.604	SLU_12	5.93	0.10	0.017
	2	R100x30-67	SLU_04	45.27	0.21	0.098	SLU_12	5.93	0.10	0.007
	3	R100x30-68	SLU_04	124.07	0.21	0.673	SLU_12	5.93	0.10	0.018
758	1	R100x30-68	SLU_04	-124.12	0.21	0.673	SLU_12	-5.98	0.10	0.018
	2	R100x30-67	SLU_04	-45.32	0.21	0.098	SLU_12	-5.98	0.10	0.007
	3	R100x30-82	SLU_04	111.33	0.21	0.604	SLU_12	-5.98	0.10	0.017
760	1	R100x30-82	SLU_04	-58.05	0.21	0.315	SLU_12	-6.08	0.10	0.017
	2	R100x30-67	SLU_04	47.60	0.21	0.258	SLU_12	-6.08	0.10	0.017
761	1	R100x30-67	SLU_04	96.36	0.21	0.523	SLU_12	-3.40	0.10	0.010
762	1	R100x30-67	SLU_04	25.91	0.21	0.140	SLU_12	-9.88	0.10	0.028
	2	R100x30-82	SLU_04	58.22	0.21	0.316	SLU_12	-9.88	0.10	0.028
776	1	R50x30-21	SLU_04	-6.23	0.10	0.068	SLU_12	-2.02	0.10	0.012
777	1	R50x30-19	SLU_04	17.25	0.10	0.187	SLU_12	-2.53	0.10	0.015
778	1	R50x30-19	SLU_04	14.64	0.10	0.159	SLU_12	-2.12	0.10	0.013
779	1	R50x30-19	SLU_12	11.68	0.10	0.127	SLU_12	-1.66	0.10	0.010
780	1	R50x30-19	SLU_04	10.70	0.10	0.116	SLU_12	1.59	0.10	0.010
781	1	R50x30-19	SLU_12	6.16	0.10	0.067	SLU_12	-1.13	0.10	0.007
	1	R50x30-18	SLU_12	-16.17	0.10	0.175	SLU_12	-1.81	0.10	0.011

782	2	R50x30-19	SLU_12	-16.17	0.10	0.070	SLU_12	-1.81	0.10	0.005
	3	R50x30-20	SLU_12	-16.17	0.10	0.175	SLU_12	-1.81	0.10	0.011
783	1	R50x30-21	SLU_04	8.57	0.10	0.093	SLU_12	0.07	0.10	0.000
784	1	R50x30-19	SLU_04	-31.54	0.10	0.342	SLU_07	-0.03	0.10	0.000
785	1	R50x30-19	SLU_04	-11.25	0.10	0.122	SLU_12	-0.06	0.10	0.000
	1	R50x30-18	SLU_12	-16.34	0.10	0.177	SLU_12	1.83	0.10	0.011
786	2	R50x30-19	SLU_12	-16.34	0.10	0.071	SLU_12	1.83	0.10	0.005
	3	R50x30-20	SLU_12	-16.34	0.10	0.177	SLU_12	1.83	0.10	0.011
787	1	R50x30-19	SLU_12	6.19	0.10	0.067	SLU_12	1.16	0.10	0.007
788	1	R50x30-19	SLU_04	11.70	0.10	0.127	SLU_12	-1.58	0.10	0.010
789	1	R50x30-19	SLU_12	12.13	0.10	0.132	SLU_12	1.68	0.10	0.010
790	1	R50x30-19	SLU_04	14.05	0.10	0.152	SLU_12	2.13	0.10	0.013
	1	R50x80-56	SLU_12	48.58	0.09	0.203	SLU_12	1.72	0.09	0.011
791	2	R50x80-57	SLU_12	48.58	0.09	0.203	SLU_12	1.72	0.09	0.011
	3	R50x80-58	SLU_12	48.58	0.09	0.203	SLU_12	1.72	0.09	0.011
792	1	R50x80-57	SLU_03	39.14	0.09	0.164	SLU_12	1.72	0.09	0.011
	2	R50x80-58	SLU_03	39.14	0.09	0.164	SLU_12	1.72	0.09	0.011
793	1	R50x30-19	SLU_04	16.03	0.10	0.174	SLU_12	2.54	0.10	0.015
794	1	R50x30-21	SLU_01	16.51	0.10	0.179	SLU_12	-0.04	0.10	0.000
795	1	R50x30-21	SLU_01	4.14	0.10	0.045	SLU_12	0.02	0.10	0.000
796	1	R50x30-21	SLU_01	4.16	0.10	0.045	SLU_12	-0.02	0.10	0.000
797	1	R50x30-21	SLU_01	16.69	0.10	0.181	SLU_12	0.03	0.10	0.000
802	1	R50x30-21	SLU_12	-2.51	0.10	0.027	SLU_12	-0.77	0.10	0.005
803	1	R50x30-21	SLU_04	-8.08	0.10	0.088	SLU_12	2.04	0.10	0.012
804	1	R50x30-21	SLU_12	-0.88	0.10	0.010	SLU_12	0.62	0.10	0.004
805	1	R50x30-21	SLU_12	-1.62	0.10	0.018	SLU_12	-0.33	0.10	0.002
806	1	R50x30-21	SLU_12	-1.56	0.10	0.017	SLU_12	0.35	0.10	0.002
807	1	R50x30-21	SLU_12	-0.86	0.10	0.009	SLU_12	-0.57	0.10	0.003
808	1	R50x30-21	SLU_12	-2.46	0.10	0.027	SLU_12	-0.09	0.10	0.001
809	1	R50x30-21	SLU_12	-2.51	0.10	0.027	SLU_12	0.07	0.10	0.000
810	1	R50x50-2	SLU_01	-42.12	0.09	0.294	SLU_12	0.30	0.09	0.002
811	1	R50x50-2	SLU_01	-16.98	0.09	0.118	SLU_12	0.20	0.09	0.001
812	1	R50x50-2	SLU_01	16.49	0.09	0.115	SLU_12	-0.24	0.09	0.002
813	1	R50x50-2	SLU_01	42.10	0.09	0.294	SLU_12	-0.33	0.09	0.002
814	1	R50x80-56	SLU_01	32.30	0.09	0.135	SLU_06	0.47	0.09	0.003
	2	R50x80-58	SLU_01	60.41	0.09	0.253	SLU_06	0.47	0.09	0.003
816	1	R50x80-58	SLU_01	-64.71	0.09	0.271	SLU_12	0.35	0.09	0.002
	2	R50x80-56	SLU_01	-25.27	0.09	0.106	SLU_12	0.35	0.09	0.002
818	3	R50x80-57	SLU_01	60.60	0.09	0.254	SLU_12	0.35	0.09	0.002
	1	R50x80-57	SLU_01	-77.09	0.09	0.323	SLU_12	-0.27	0.09	0.002
819	2	R50x80-56	SLU_01	-26.33	0.09	0.110	SLU_12	-0.27	0.09	0.002
	3	R50x80-57	SLU_01	79.01	0.09	0.331	SLU_12	-0.27	0.09	0.002
820	1	R50x80-57	SLU_01	-87.44	0.09	0.366	SLU_12	-0.12	0.09	0.001
	2	R50x80-56	SLU_01	-33.26	0.09	0.139	SLU_12	-0.12	0.09	0.001
821	3	R50x80-57	SLU_01	77.19	0.09	0.323	SLU_12	-0.12	0.09	0.001
	1	R50x80-57	SLU_01	51.50	0.09	0.216	SLU_12	-0.08	0.09	0.001
821	2	R50x80-58	SLU_01	90.14	0.09	0.377	SLU_12	-0.08	0.09	0.001
	1	R50x80-58	SLU_01	-90.39	0.09	0.378	SLU_12	0.09	0.09	0.001
821	2	R50x80-57	SLU_01	-51.75	0.09	0.217	SLU_12	0.09	0.09	0.001

822	1	R50x80-57	SLU_01	-77.22	0.09	0.323	SLU_12	0.10	0.09	0.001
	2	R50x80-56	SLU_01	33.26	0.09	0.139	SLU_12	0.10	0.09	0.001
	3	R50x80-57	SLU_01	87.44	0.09	0.366	SLU_12	0.10	0.09	0.001
823	1	R50x80-57	SLU_01	-78.85	0.09	0.330	SLU_12	0.26	0.09	0.002
	2	R50x80-56	SLU_01	26.52	0.09	0.111	SLU_12	0.26	0.09	0.002
	3	R50x80-57	SLU_01	77.29	0.09	0.323	SLU_12	0.26	0.09	0.002
825	1	R50x80-69	SLU_01	-60.69	0.09	0.254	SLU_12	-0.34	0.09	0.002
	2	R50x80-68	SLU_01	25.22	0.09	0.106	SLU_12	-0.34	0.09	0.002
	3	R50x80-69	SLU_01	64.66	0.09	0.271	SLU_12	-0.34	0.09	0.002
827	1	R50x80-71	SLU_01	-60.25	0.09	0.252	SLU_12	-0.47	0.09	0.003
	2	R50x80-68	SLU_01	-32.14	0.09	0.134	SLU_12	-0.47	0.09	0.003
828	1	R100x30-67	SLU_01	-126.07	0.21	0.684	SLU_12	2.03	0.10	0.006
	2	R100x30-68	SLU_01	125.82	0.21	0.682	SLU_12	2.03	0.10	0.006
829	1	R100x30-104	SLU_01	-158.34	0.21	0.859	SLU_04	0.71	0.10	0.002
	2	R100x30-99	SLU_01	-54.10	0.21	0.117	SLU_04	0.71	0.10	0.001
	3	R100x30-100	SLU_01	147.94	0.21	0.802	SLU_04	0.71	0.10	0.002
830	1	R80x30-26	SLU_01	93.72	0.16	0.678	SLU_12	-0.77	0.08	0.004
831	1	R30x80-2	SLU_04	-109.12	0.05	0.789	SLU_12	2.49	0.05	0.025
832	1	R80x30-26	SLU_01	-93.57	0.16	0.677	SLU_12	0.72	0.08	0.003
833	1	R30x80-2	SLU_04	-108.48	0.05	0.784	SLU_12	-2.49	0.05	0.025
834	1	R100x30-68	SLU_01	-125.91	0.21	0.683	SLU_12	-1.96	0.10	0.006
	2	R100x30-67	SLU_01	125.40	0.21	0.680	SLU_12	-1.96	0.10	0.006
835	1	R100x30-100	SLU_01	-147.98	0.21	0.802	SLU_04	-0.68	0.10	0.002
	2	R100x30-99	SLU_01	53.62	0.21	0.116	SLU_04	-0.68	0.10	0.001
	3	R100x30-104	SLU_01	157.62	0.21	0.855	SLU_04	-0.68	0.10	0.002
836	1	R50x30-19	SLU_04	6.42	0.10	0.070	SLU_12	-1.51	0.10	0.009
837	1	R50x30-28	SLU_06	84.04	0.10	0.911	SLU_12	0.01	0.10	0.000
838	1	R50x30-28	SLU_06	-41.27	0.10	0.448	SLU_12	-0.13	0.10	0.001
840	1	R100x30-68	SLU_01	-62.90	0.21	0.341	SLU_12	2.68	0.10	0.008
	2	R100x30-67	SLU_01	63.69	0.21	0.345	SLU_12	2.68	0.10	0.008
841	1	R100x30-67	SLU_01	124.97	0.21	0.678	SLU_12	-1.17	0.10	0.003
842	1	R100x30-67	SLU_01	-62.43	0.21	0.339	SLU_12	-2.68	0.10	0.008
	2	R100x30-68	SLU_01	63.33	0.21	0.343	SLU_12	-2.68	0.10	0.008
844	1	R50x30-19	SLU_12	-7.21	0.10	0.078	SLU_12	-0.50	0.10	0.003
846	1	R100x30-68	SLU_01	-58.31	0.21	0.316	SLU_12	1.93	0.10	0.006
	2	R100x30-67	SLU_01	67.05	0.21	0.364	SLU_12	1.93	0.10	0.006
847	1	R100x30-67	SLU_01	125.71	0.21	0.682	SLU_12	1.40	0.10	0.004
848	1	R100x30-67	SLU_01	-58.57	0.21	0.318	SLU_12	2.60	0.10	0.007
	2	R100x30-68	SLU_01	68.11	0.21	0.369	SLU_12	2.60	0.10	0.008
851	1	R100x30-100	SLU_01	-59.35	0.21	0.322	SLU_12	2.71	0.10	0.008
	2	R100x30-99	SLU_01	60.23	0.21	0.327	SLU_12	2.71	0.10	0.008
852	1	R100x30-99	SLU_01	-116.90	0.21	0.634	SLU_12	1.06	0.10	0.003
853	1	R100x30-99	SLU_01	-58.10	0.21	0.315	SLU_12	-2.05	0.10	0.006
	2	R100x30-100	SLU_01	60.28	0.21	0.327	SLU_12	-2.05	0.10	0.006
855	1	R100x30-100	SLU_01	-106.79	0.21	0.579	SLU_12	-2.13	0.10	0.006
	2	R100x30-99	SLU_01	49.68	0.21	0.108	SLU_12	-2.13	0.10	0.003
	3	R100x30-104	SLU_01	127.20	0.21	0.690	SLU_12	-2.13	0.10	0.006
857	1	R100x30-104	SLU_01	-128.96	0.21	0.699	SLU_12	1.91	0.10	0.005
	2	R100x30-99	SLU_01	-51.44	0.21	0.112	SLU_12	1.91	0.10	0.002

	3	R100x30-100	SLU_01	105.43	0.21	0.572	SLU_12	1.91	0.10	0.006
859	1	R100x30-100	SLU_01	-53.30	0.21	0.289	SLU_12	-2.06	0.10	0.006
	2	R100x30-99	SLU_01	63.99	0.21	0.347	SLU_12	-2.06	0.10	0.006
860	1	R100x30-99	SLU_01	117.59	0.21	0.638	SLU_12	1.02	0.10	0.003
861	1	R100x30-99	SLU_01	-53.07	0.21	0.288	SLU_12	-2.63	0.10	0.008
	2	R100x30-100	SLU_01	66.09	0.21	0.358	SLU_12	-2.63	0.10	0.008
863	1	R100x30-82	SLU_01	-57.47	0.21	0.312	SLU_12	2.44	0.10	0.007
	2	R100x30-67	SLU_01	46.82	0.21	0.254	SLU_12	2.44	0.10	0.007
864	1	R100x30-67	SLU_01	110.87	0.21	0.601	SLU_12	0.67	0.10	0.002
865	1	R100x30-67	SLU_01	-59.48	0.21	0.323	SLU_12	-2.45	0.10	0.007
	2	R100x30-68	SLU_01	58.36	0.21	0.316	SLU_12	-2.45	0.10	0.007
867	1	R100x30-68	SLU_01	-128.41	0.21	0.696	SLU_12	-1.00	0.10	0.003
	2	R100x30-67	SLU_01	130.85	0.21	0.710	SLU_12	-1.00	0.10	0.003
868	1	R100x30-67	SLU_01	94.31	0.21	0.511	SLU_12	1.02	0.10	0.003
869	1	R100x30-67	SLU_01	-94.58	0.21	0.513	SLU_12	-0.66	0.10	0.002
870	1	R100x30-67	SLU_01	-131.45	0.21	0.713	SLU_12	1.23	0.10	0.004
	2	R100x30-68	SLU_01	128.00	0.21	0.694	SLU_12	1.23	0.10	0.004
872	1	R100x30-68	SLU_01	-57.85	0.21	0.314	SLU_12	2.26	0.10	0.007
	2	R100x30-67	SLU_01	59.62	0.21	0.323	SLU_12	2.26	0.10	0.006
873	1	R100x30-67	SLU_01	-110.94	0.21	0.602	SLU_12	-0.68	0.10	0.002
874	1	R100x30-67	SLU_01	-43.11	0.21	0.234	SLU_12	-2.84	0.10	0.008
	2	R100x30-82	SLU_01	60.92	0.21	0.330	SLU_12	-2.84	0.10	0.008
876	1	R50x30-21	SLU_12	3.18	0.10	0.035	SLU_12	-0.52	0.10	0.003
878	1	R50x30-21	SLU_12	2.53	0.10	0.027	SLU_12	-0.42	0.10	0.003
880	1	R50x30-21	SLU_12	1.55	0.10	0.017	SLU_12	-0.33	0.10	0.002
882	1	R50x30-21	SLU_12	1.18	0.10	0.013	SLU_12	-0.29	0.10	0.002
884	1	R50x30-21	SLU_12	-2.93	0.10	0.032	SLU_12	0.44	0.10	0.003
885	1	R50x30-19	SLU_12	-50.15	0.10	0.544	SLU_12	-0.23	0.10	0.001
886	1	R50x30-19	SLU_12	-50.05	0.10	0.543	SLU_12	-0.22	0.10	0.001
888	1	R50x30-21	SLU_12	-3.07	0.10	0.033	SLU_12	-0.57	0.10	0.003
890	1	R50x30-21	SLU_12	2.17	0.10	0.024	SLU_12	-0.26	0.10	0.002
892	1	R50x30-21	SLU_12	1.76	0.10	0.019	SLU_12	0.33	0.10	0.002
894	1	R50x30-21	SLU_12	2.55	0.10	0.028	SLU_12	0.44	0.10	0.003
896	1	R50x30-21	SLU_12	2.79	0.10	0.030	SLU_12	0.54	0.10	0.003
899	1	R50x30-21	SLU_06	-2.82	0.10	0.031	SLU_12	-0.12	0.10	0.001
900	1	R50x30-21	SLU_12	-2.97	0.10	0.032	SLU_12	0.10	0.10	0.001
901	1	R50x30-21	SLU_12	-2.32	0.10	0.025	SLU_12	0.07	0.10	0.000
902	1	R50x30-19	SLU_12	-2.24	0.10	0.024	SLU_12	0.03	0.10	0.000
903	1	R50x30-21	SLU_12	-2.29	0.10	0.025	SLU_12	-0.01	0.10	0.000
904	1	R50x30-19	SLU_12	-2.26	0.10	0.025	SLU_12	-0.04	0.10	0.000
905	1	R50x30-21	SLU_12	-2.28	0.10	0.025	SLU_12	-0.08	0.10	0.000
906	1	R50x30-21	SLU_12	-2.90	0.10	0.031	SLU_12	-0.10	0.10	0.001
907	1	R50x30-21	SLU_02	-2.65	0.10	0.029	SLU_12	0.15	0.10	0.001
908	1	R50x30-21	SLU_04	-9.18	0.10	0.100	SLU_12	-0.36	0.10	0.002
909	1	R50x30-21	SLU_04	-7.79	0.10	0.084	SLU_12	0.38	0.10	0.002
910	1	R50x30-21	SLU_12	-7.90	0.10	0.086	SLU_12	0.39	0.10	0.002
911	1	R50x30-21	SLU_12	-7.86	0.10	0.085	SLU_12	0.42	0.10	0.003
912	1	R50x30-21	SLU_12	-8.17	0.10	0.089	SLU_12	0.49	0.10	0.003
913	1	R50x30-21	SLU_12	-9.55	0.10	0.104	SLU_12	0.77	0.10	0.005

914	1	R50x30-21	SLU_12	-9.74	0.10	0.106	SLU_12	-0.64	0.10	0.004
915	1	R50x30-21	SLU_12	-8.80	0.10	0.095	SLU_12	-0.41	0.10	0.002
916	1	R50x30-21	SLU_12	-8.44	0.10	0.092	SLU_12	-0.42	0.10	0.003
917	1	R50x30-21	SLU_12	-7.86	0.10	0.085	SLU_12	-0.46	0.10	0.003
918	1	R50x30-21	SLU_04	-7.39	0.10	0.080	SLU_12	-0.45	0.10	0.003
919	1	R50x30-21	SLU_01	-8.35	0.10	0.091	SLU_12	0.36	0.10	0.002
920	1	R50x80-56	SLU_02	83.28	0.09	0.348	SLU_12	-3.83	0.09	0.026
	2	R50x80-58	SLU_02	83.28	0.09	0.348	SLU_12	-3.83	0.09	0.026
921	1	R50x80-56	SLU_12	85.49	0.09	0.358	SLU_12	-3.43	0.09	0.023
	2	R50x80-57	SLU_12	85.49	0.09	0.358	SLU_12	-3.43	0.09	0.023
922	3	R50x80-58	SLU_12	85.49	0.09	0.358	SLU_12	-3.43	0.09	0.023
	1	R50x80-56	SLU_12	102.67	0.09	0.430	SLU_12	-2.85	0.09	0.019
	2	R50x80-57	SLU_12	102.67	0.09	0.430	SLU_12	-2.85	0.09	0.019
923	3	R50x80-58	SLU_12	102.67	0.09	0.430	SLU_12	-2.85	0.09	0.019
	1	R50x80-56	SLU_12	117.11	0.09	0.490	SLU_12	-2.28	0.09	0.015
	2	R50x80-57	SLU_12	117.11	0.09	0.490	SLU_12	-2.28	0.09	0.015
924	3	R50x80-58	SLU_12	117.11	0.09	0.490	SLU_12	-2.28	0.09	0.015
	1	R50x80-56	SLU_12	126.70	0.09	0.530	SLU_12	-1.48	0.09	0.010
	2	R50x80-57	SLU_12	126.70	0.09	0.530	SLU_12	-1.48	0.09	0.010
925	3	R50x80-58	SLU_12	126.70	0.09	0.530	SLU_12	-1.48	0.09	0.010
	1	R50x80-56	SLU_12	119.20	0.09	0.499	SLU_12	0.72	0.09	0.005
926	2	R50x80-57	SLU_12	119.20	0.09	0.499	SLU_12	0.72	0.09	0.005
	3	R50x80-58	SLU_12	119.20	0.09	0.499	SLU_12	0.72	0.09	0.005
	1	R50x80-56	SLU_12	82.12	0.09	0.344	SLU_12	-0.12	0.09	0.001
927	2	R50x80-57	SLU_12	82.12	0.09	0.344	SLU_12	-0.12	0.09	0.001
	3	R50x80-58	SLU_12	82.12	0.09	0.344	SLU_12	-0.12	0.09	0.001
928	1	R50x80-56	SLU_12	119.64	0.09	0.501	SLU_12	-0.85	0.09	0.006
	2	R50x80-57	SLU_12	119.64	0.09	0.501	SLU_12	-0.85	0.09	0.006
	3	R50x80-58	SLU_12	119.64	0.09	0.501	SLU_12	-0.85	0.09	0.006
929	1	R50x80-56	SLU_12	127.40	0.09	0.533	SLU_12	1.52	0.09	0.010
	2	R50x80-57	SLU_12	127.40	0.09	0.533	SLU_12	1.52	0.09	0.010
	3	R50x80-58	SLU_12	127.40	0.09	0.533	SLU_12	1.52	0.09	0.010
930	1	R50x80-56	SLU_12	117.55	0.09	0.492	SLU_12	2.25	0.09	0.015
	2	R50x80-57	SLU_12	117.55	0.09	0.492	SLU_12	2.25	0.09	0.015
	3	R50x80-58	SLU_12	117.55	0.09	0.492	SLU_12	2.25	0.09	0.015
931	1	R50x80-56	SLU_12	103.08	0.09	0.431	SLU_12	2.88	0.09	0.019
	2	R50x80-57	SLU_12	103.08	0.09	0.431	SLU_12	2.88	0.09	0.019
	3	R50x80-58	SLU_12	103.08	0.09	0.431	SLU_12	2.88	0.09	0.019
932	1	R50x80-56	SLU_12	85.22	0.09	0.357	SLU_12	3.56	0.09	0.024
	2	R50x80-57	SLU_12	85.22	0.09	0.357	SLU_12	3.56	0.09	0.024
	3	R50x80-58	SLU_12	85.22	0.09	0.357	SLU_12	3.56	0.09	0.024
933	1	R50x80-57	SLU_03	78.18	0.09	0.327	SLU_12	3.99	0.09	0.027
	2	R50x80-58	SLU_03	78.18	0.09	0.327	SLU_12	3.99	0.09	0.027
934	1	R50x30-21	SLU_04	12.02	0.10	0.130	SLU_12	0.28	0.10	0.002
935	1	R50x30-21	SLU_01	15.14	0.10	0.164	SLU_12	-0.21	0.10	0.001
936	1	R50x30-21	SLU_01	3.20	0.10	0.035	SLU_12	0.04	0.10	0.000
937	1	R50x30-21	SLU_01	3.23	0.10	0.035	SLU_12	0.03	0.10	0.000
942	1	R50x30-21	SLU_01	15.56	0.10	0.169	SLU_12	0.27	0.10	0.002
942	1	R50x30-21	SLU_12	-3.75	0.10	0.041	SLU_12	0.94	0.10	0.006

943	1	R50x30-21	SLU_12	-3.75	0.10	0.041	SLU_12	-0.89	0.10	0.005
944	1	R50x30-21	SLU_12	-1.44	0.10	0.016	SLU_12	1.33	0.10	0.008
945	1	R50x30-21	SLU_12	-2.50	0.10	0.027	SLU_12	-0.16	0.10	0.001
946	1	R50x30-21	SLU_12	-2.39	0.10	0.026	SLU_12	0.17	0.10	0.001
947	1	R50x30-21	SLU_12	-1.40	0.10	0.015	SLU_12	-1.29	0.10	0.008
948	1	R50x30-21	SLU_12	-4.24	0.10	0.046	SLU_12	-0.10	0.10	0.001
949	1	R50x30-21	SLU_12	-4.36	0.10	0.047	SLU_12	0.07	0.10	0.000
950	1	R50x50-2	SLU_01	-47.22	0.09	0.329	SLU_06	0.23	0.09	0.002
951	1	R50x50-2	SLU_01	-22.80	0.09	0.159	SLU_12	0.17	0.09	0.001
952	1	R50x50-2	SLU_01	21.81	0.09	0.152	SLU_12	-0.16	0.09	0.001
953	1	R50x50-2	SLU_01	47.19	0.09	0.329	SLU_12	-0.22	0.09	0.002
954	1	R50x80-56	SLU_04	12.03	0.09	0.050	SLU_12	0.88	0.09	0.006
	2	R50x80-57	SLU_01	42.60	0.09	0.178	SLU_12	0.88	0.09	0.006
	3	R50x80-58	SLU_01	70.70	0.09	0.296	SLU_12	0.88	0.09	0.006
956	1	R50x80-58	SLU_01	-68.92	0.09	0.288	SLU_12	0.81	0.09	0.005
	2	R50x80-56	SLU_01	-29.48	0.09	0.123	SLU_12	0.81	0.09	0.005
	3	R50x80-57	SLU_01	56.38	0.09	0.236	SLU_12	0.81	0.09	0.005
958	1	R50x80-57	SLU_01	-78.34	0.09	0.328	SLU_12	-0.50	0.09	0.003
	2	R50x80-56	SLU_01	-27.58	0.09	0.115	SLU_12	-0.50	0.09	0.003
	3	R50x80-57	SLU_01	77.87	0.09	0.326	SLU_12	-0.50	0.09	0.003
959	1	R50x80-57	SLU_01	-91.94	0.09	0.385	SLU_12	-0.25	0.09	0.002
	2	R50x80-56	SLU_01	-37.76	0.09	0.158	SLU_12	-0.25	0.09	0.002
	3	R50x80-57	SLU_01	72.72	0.09	0.304	SLU_12	-0.25	0.09	0.002
960	1	R50x80-57	SLU_01	78.34	0.09	0.328	SLU_12	0.08	0.09	0.001
	2	R50x80-58	SLU_01	116.98	0.09	0.489	SLU_12	0.08	0.09	0.001
961	1	R50x80-58	SLU_01	-117.31	0.09	0.491	SLU_12	0.19	0.09	0.001
	2	R50x80-57	SLU_01	-78.67	0.09	0.329	SLU_12	0.19	0.09	0.001
962	1	R50x80-57	SLU_01	-72.74	0.09	0.304	SLU_12	0.30	0.09	0.002
	2	R50x80-56	SLU_01	37.87	0.09	0.158	SLU_12	0.30	0.09	0.002
	3	R50x80-57	SLU_01	92.05	0.09	0.385	SLU_12	0.30	0.09	0.002
963	1	R50x80-57	SLU_01	-77.54	0.09	0.324	SLU_12	0.53	0.09	0.004
	2	R50x80-56	SLU_01	28.04	0.09	0.117	SLU_12	0.53	0.09	0.004
	3	R50x80-57	SLU_01	78.80	0.09	0.330	SLU_12	0.53	0.09	0.004
965	1	R50x80-69	SLU_01	-56.57	0.09	0.237	SLU_12	-0.87	0.09	0.006
	2	R50x80-68	SLU_01	29.40	0.09	0.123	SLU_12	-0.87	0.09	0.006
	3	R50x80-71	SLU_01	68.85	0.09	0.288	SLU_12	-0.87	0.09	0.006
967	1	R50x80-71	SLU_01	-70.91	0.09	0.297	SLU_12	-0.99	0.09	0.007
	2	R50x80-69	SLU_01	-42.80	0.09	0.179	SLU_12	-0.99	0.09	0.007
	3	R50x80-68	SLU_04	-12.35	0.09	0.052	SLU_12	-0.99	0.09	0.007
968	1	R100x30-67	SLU_01	-132.50	0.21	0.719	SLU_12	2.48	0.10	0.007
	2	R100x30-68	SLU_01	120.87	0.21	0.656	SLU_12	2.48	0.10	0.007
969	1	R100x30-104	SLU_01	-165.72	0.21	0.899	SLU_12	3.11	0.10	0.009
	2	R100x30-99	SLU_01	-61.49	0.21	0.133	SLU_12	3.11	0.10	0.004
	3	R100x30-100	SLU_01	141.86	0.21	0.769	SLU_12	3.11	0.10	0.009
970	1	R80x30-26	SLU_01	94.14	0.16	0.681	SLU_12	-1.64	0.08	0.008
971	1	R80x30-26	SLU_01	-93.87	0.16	0.679	SLU_12	1.67	0.08	0.008
972	1	R100x30-68	SLU_01	-121.63	0.21	0.660	SLU_12	-2.48	0.10	0.007
	2	R100x30-67	SLU_01	131.10	0.21	0.711	SLU_12	-2.48	0.10	0.007
	1	R100x30-100	SLU_01	-142.75	0.21	0.774	SLU_12	-3.06	0.10	0.009

973	2	R100x30-99	SLU_01	60.15	0.21	0.130	SLU_12	-3.06	0.10	0.004
	3	R100x30-104	SLU_01	164.15	0.21	0.890	SLU_12	-3.06	0.10	0.009
974	1	R50x30-21	SLU_06	44.49	0.10	0.483	SLU_12	-0.07	0.10	0.000
975	1	R50x30-21	SLU_06	-23.73	0.10	0.257	SLU_12	0.21	0.10	0.001
977	1	R100x35-101	SLU_01	-94.59	0.21	0.427	SLU_12	-5.50	0.10	0.016
	2	R100x35-100	SLU_01	88.05	0.21	0.398	SLU_12	-5.50	0.10	0.016
978	1	R100x35-100	SLU_02	163.93	0.21	0.741	SLU_12	-2.61	0.10	0.007
979	1	R100x35-100	SLU_02	-81.43	0.21	0.368	SLU_12	-5.52	0.10	0.016
	2	R100x35-101	SLU_02	85.75	0.21	0.388	SLU_12	-5.52	0.10	0.016
981	1	R50x30-19	SLU_12	-3.00	0.10	0.033	SLU_12	-0.62	0.10	0.004
984	1	R100x35-112	SLU_01	-204.96	0.21	0.926	SLU_12	3.76	0.10	0.011
	2	R100x35-113	SLU_01	-70.61	0.21	0.128	SLU_12	3.76	0.10	0.004
	3	R100x35-112	SLU_01	199.50	0.21	0.902	SLU_12	3.76	0.10	0.011
985	1	R100x35-112	SLU_12	-101.95	0.21	0.461	SLU_12	-5.27	0.10	0.015
	2	R100x35-113	SLU_12	26.83	0.21	0.048	SLU_12	-5.27	0.10	0.006
	3	R100x35-114	SLU_01	105.64	0.21	0.477	SLU_12	-5.27	0.10	0.016
988	1	R100x35-94	SLU_02	-107.26	0.21	0.485	SLU_12	6.23	0.10	0.018
	2	R100x35-92	SLU_02	101.45	0.21	0.458	SLU_12	6.23	0.10	0.018
989	1	R100x30-65	SLU_02	-186.25	0.23	0.935	SLU_12	2.25	0.11	0.006
	2	R100x30-66	SLU_02	-62.80	0.23	0.126	SLU_12	2.25	0.11	0.003
	3	R100x30-65	SLU_02	185.31	0.23	0.930	SLU_12	2.25	0.11	0.006
990	1	R100x35-106	SLU_02	-90.85	0.21	0.411	SLU_12	-4.69	0.10	0.013
	2	R100x35-107	SLU_02	99.26	0.21	0.449	SLU_12	-4.69	0.10	0.014
992	1	R100x35-107	SLU_02	-166.05	0.21	0.750	SLU_12	3.07	0.10	0.009
	2	R100x35-106	SLU_02	83.79	0.21	0.151	SLU_12	3.07	0.10	0.004
	3	R100x35-110	SLU_02	207.24	0.21	0.937	SLU_12	3.07	0.10	0.009
996	1	L80x145-35	SLU_12	-196.73	0.05	0.762	SLU_12	-14.35	0.05	0.125
997	1	R100x35-111	SLU_12	-246.61	0.31	0.743	SLU_12	-4.86	0.16	0.010
	2	R100x35-98	SLU_12	-85.67	0.21	0.155	SLU_12	-4.86	0.10	0.006
	3	R100x35-111	SLU_12	239.62	0.31	0.722	SLU_12	-4.86	0.16	0.010
998	1	R100x35-99	SLU_12	-129.89	0.21	0.587	SLU_12	6.33	0.10	0.019
	2	R100x35-98	SLU_12	-33.76	0.21	0.061	SLU_12	6.33	0.10	0.007
	3	R100x35-99	SLU_12	126.05	0.21	0.570	SLU_12	6.33	0.10	0.019

SLU:VERIFICA A TAGLIO PILASTRI

Pilastro	Segmento	Sezione	Direzione 2				Direzione 3			
			Combo	V [kN]	Aw [cm ² /cm]	D/C	Combo	V [kN]	Aw [cm ² /cm]	D/C
1	1	R60x80-72	SLU_01	16.71	0.12	0.021	SLU_01	-3.28	0.12	0.006
10	1	R60x80-72	SLU_01	21.96	0.12	0.028	SLU_12	-2.07	0.12	0.004
100	1	C50-3	SLU_01	-10.91	0.06	0.045	SLU_01	2.52	0.06	0.011
101	1	C50-4	SLU_01	-6.26	0.06	0.027	SLU_01	-31.98	0.06	0.128
102	1	C50-4	SLU_12	3.12	0.06	0.013	SLU_01	-30.29	0.06	0.122
103	1	C50-4	SLU_12	-6.88	0.06	0.029	SLU_12	-25.24	0.06	0.101
104	1	C50-4	SLU_04	-7.69	0.06	0.033	SLU_12	-29.69	0.06	0.119
105	1	C50-4	SLU_01	-6.61	0.06	0.028	SLU_12	-36.05	0.06	0.145
106	1	C50-4	SLU_07	-2.75	0.06	0.012	SLU_12	-36.82	0.06	0.148
107	1	C50-4	SLU_07	-0.25	0.06	0.001	SLU_12	-27.10	0.06	0.109
108	1	C50-4	SLU_04	8.04	0.06	0.034	SLU_12	-34.17	0.06	0.137
109	1	C50-4	SLU_04	-8.21	0.06	0.035	SLU_12	-34.29	0.06	0.138
11	1	R60x60-2	SLU_01	-6.27	0.09	0.014	SLU_12	-0.80	0.09	0.002
110	1	C50-4	SLU_07	2.92	0.06	0.012	SLU_12	-37.01	0.06	0.149
111	1	C50-4	SLU_12	6.72	0.06	0.029	SLU_12	-36.16	0.06	0.145
1115	1	R80x40-5	SLU_04	-25.31	0.13	0.065	SLU_12	8.07	0.09	0.013
112	1	C50-4	SLU_12	7.81	0.06	0.033	SLU_12	-29.78	0.06	0.120
113	1	C50-4	SLU_12	7.36	0.06	0.031	SLU_12	-25.08	0.06	0.101
114	1	C50-4	SLU_12	-2.76	0.06	0.012	SLU_01	-29.55	0.06	0.119
115	1	C50-4	SLU_01	6.48	0.06	0.028	SLU_01	-31.91	0.06	0.128
116	1	C50-5	SLU_04	6.23	0.06	0.027	SLU_12	0.77	0.06	0.003
117	1	C50-3	SLU_01	10.85	0.06	0.045	SLU_01	2.48	0.06	0.011
118	1	R60x80-72	SLU_02	54.54	0.12	0.070	SLU_12	-14.00	0.12	0.025
119	1	R60x60-2	SLU_02	-25.37	0.09	0.056	SLU_12	-3.79	0.09	0.008
12	1	R60x60-2	SLU_01	7.62	0.09	0.017	SLU_12	-0.82	0.09	0.002
120	1	R60x60-2	SLU_02	18.21	0.09	0.040	SLU_12	4.43	0.09	0.010
121	1	R60x80-72	SLU_02	-66.55	0.12	0.086	SLU_12	-6.69	0.12	0.012
122	1	R60x80-72	SLU_02	38.28	0.12	0.049	SLU_12	7.44	0.12	0.013
123	1	R100x50-2	SLU_04	25.95	0.16	0.042	SLU_12	16.55	0.12	0.017
124	1	R80x40-5	SLU_12	0.52	0.13	0.001	SLU_12	-6.78	0.09	0.011
125	1	R100x50-2	SLU_04	-28.39	0.16	0.046	SLU_12	17.16	0.12	0.017
126	1	R60x80-72	SLU_02	-42.02	0.12	0.054	SLU_12	7.53	0.12	0.013
127	1	R60x80-72	SLU_02	73.18	0.12	0.094	SLU_12	-8.13	0.12	0.014
128	1	R60x60-2	SLU_02	-19.81	0.09	0.043	SLU_12	3.90	0.09	0.009
129	1	R60x60-2	SLU_02	27.45	0.09	0.060	SLU_12	-4.13	0.09	0.009
1290	1	R80x40-5	SLU_03	-15.47	0.13	0.040	SLU_04	29.24	0.09	0.047
13	1	R60x80-72	SLU_01	-16.29	0.12	0.021	SLU_01	-3.18	0.12	0.006
130	1	R60x80-72	SLU_01	-36.60	0.12	0.047	SLU_12	-11.72	0.12	0.021
131	1	R60x80-72	SLU_02	-58.94	0.12	0.076	SLU_02	35.63	0.12	0.062
132	1	R60x80-72	SLU_02	63.56	0.12	0.082	SLU_12	-3.84	0.12	0.007
133	1	R60x60-2	SLU_02	-22.00	0.09	0.048	SLU_12	-3.10	0.09	0.007
134	1	R60x60-2	SLU_02	22.00	0.09	0.048	SLU_12	-2.36	0.09	0.005
135	1	R60x80-72	SLU_02	-60.69	0.12	0.078	SLU_12	-2.82	0.12	0.005
136	1	R60x80-72	SLU_02	48.16	0.12	0.062	SLU_12	2.90	0.12	0.005
137	1	R80x40-3	SLU_12	-10.03	0.16	0.021	SLU_12	52.05	0.12	0.067
138	1	R80x40-3	SLU_12	-9.83	0.16	0.020	SLU_12	59.13	0.12	0.076
139	1	R60x80-72	SLU_12	-79.52	0.12	0.102	SLU_12	4.15	0.12	0.007

14	1	R60x80-72	SLU_01	-15.34	0.12	0.020	SLU_01	13.19	0.12	0.023
140	1	R60x80-72	SLU_01	59.09	0.12	0.076	SLU_12	2.81	0.12	0.005
141	1	R60x60-2	SLU_01	-7.72	0.09	0.017	SLU_12	10.89	0.09	0.024
142	1	R60x60-2	SLU_01	27.54	0.09	0.060	SLU_12	-3.02	0.09	0.007
143	1	R60x80-72	SLU_01	-40.44	0.12	0.052	SLU_12	-3.74	0.12	0.007
144	1	R60x80-72	SLU_01	40.21	0.12	0.052	SLU_01	30.79	0.12	0.054
145	1	R60x80-72	SLU_01	-55.77	0.12	0.072	SLU_12	9.36	0.12	0.016
146	1	R60x80-72	SLU_01	62.40	0.12	0.080	SLU_12	7.15	0.12	0.013
147	1	R60x60-2	SLU_02	-19.73	0.09	0.043	SLU_04	6.74	0.09	0.015
148	1	R60x60-2	SLU_01	19.85	0.09	0.043	SLU_04	6.77	0.09	0.015
149	1	R60x80-72	SLU_01	-56.45	0.12	0.073	SLU_04	6.70	0.12	0.012
15	1	R60x80-72	SLU_01	20.72	0.12	0.027	SLU_12	-0.53	0.12	0.001
150	1	R60x80-72	SLU_01	39.85	0.12	0.051	SLU_04	7.80	0.12	0.014
151	1	R60x80-72	SLU_01	-66.39	0.12	0.085	SLU_04	8.60	0.12	0.015
152	1	R60x80-72	SLU_01	56.66	0.12	0.073	SLU_04	7.89	0.12	0.014
153	1	R60x60-2	SLU_01	-8.51	0.09	0.019	SLU_12	15.37	0.09	0.034
154	1	R60x60-2	SLU_01	24.89	0.09	0.055	SLU_04	6.80	0.09	0.015
155	1	R60x80-72	SLU_01	-46.95	0.12	0.060	SLU_12	6.67	0.12	0.012
156	1	R60x80-73	SLU_01	48.14	0.08	0.093	SLU_12	8.56	0.12	0.015
157	1	C50-5	SLU_04	-10.48	0.06	0.046	SLU_03	5.96	0.06	0.026
158	1	C50-3	SLU_01	-10.14	0.06	0.042	SLU_12	9.20	0.06	0.039
159	1	C50-4	SLU_02	-5.96	0.06	0.025	SLU_01	-36.16	0.06	0.145
16	1	R60x60-2	SLU_01	-7.33	0.09	0.016	SLU_12	-0.62	0.09	0.001
160	1	C50-4	SLU_04	4.59	0.06	0.020	SLU_02	-43.04	0.06	0.173
161	1	C50-4	SLU_06	-9.82	0.06	0.042	SLU_12	-36.57	0.06	0.147
162	1	C50-4	SLU_04	-11.15	0.06	0.048	SLU_12	-43.10	0.06	0.173
163	1	C50-4	SLU_02	-9.33	0.06	0.040	SLU_12	-52.44	0.06	0.211
164	1	C50-4	SLU_07	-4.49	0.06	0.019	SLU_12	-54.08	0.06	0.217
165	1	C50-4	SLU_07	-0.31	0.06	0.001	SLU_12	-38.48	0.06	0.155
166	1	C50-4	SLU_04	13.29	0.06	0.057	SLU_12	-50.89	0.06	0.204
167	1	C50-4	SLU_04	-13.33	0.06	0.057	SLU_12	-51.15	0.06	0.205
168	1	C50-4	SLU_07	4.97	0.06	0.021	SLU_12	-54.45	0.06	0.219
169	1	C50-4	SLU_12	9.63	0.06	0.041	SLU_12	-52.72	0.06	0.212
17	1	R60x60-2	SLU_01	6.95	0.09	0.015	SLU_12	-0.61	0.09	0.001
170	1	C50-4	SLU_04	11.35	0.06	0.048	SLU_12	-43.35	0.06	0.174
171	1	C50-4	SLU_02	10.88	0.06	0.046	SLU_12	-36.30	0.06	0.146
172	1	C50-4	SLU_01	-3.79	0.06	0.016	SLU_01	-40.18	0.06	0.161
173	1	C50-4	SLU_01	2.21	0.06	0.009	SLU_01	-30.74	0.06	0.123
174	1	C50-5	SLU_04	9.64	0.06	0.042	SLU_03	6.46	0.06	0.028
175	1	C50-3	SLU_01	10.04	0.06	0.041	SLU_12	9.26	0.06	0.039
176	1	R60x80-72	SLU_12	82.62	0.12	0.106	SLU_12	-11.56	0.12	0.020
177	1	R60x60-2	SLU_12	-33.73	0.09	0.074	SLU_12	13.00	0.09	0.028
178	1	R60x60-2	SLU_12	22.41	0.09	0.049	SLU_12	11.82	0.09	0.026
179	1	R60x80-72	SLU_12	-79.90	0.12	0.103	SLU_12	12.70	0.12	0.022
18	1	R60x80-72	SLU_01	-20.64	0.12	0.027	SLU_12	-0.74	0.12	0.001
180	1	R60x80-72	SLU_12	45.16	0.12	0.058	SLU_12	11.73	0.12	0.021
181	1	R100x50-2	SLU_04	32.50	0.16	0.052	SLU_12	33.25	0.12	0.034
1819	1	R80x40-5	SLU_12	16.60	0.13	0.043	SLU_12	-27.97	0.09	0.045
183	1	R100x50-2	SLU_04	-34.70	0.16	0.056	SLU_12	32.37	0.12	0.033

184	1	R60x80-72	SLU_12	-49.93	0.12	0.064	SLU_12	11.54	0.12	0.020
185	1	R60x80-72	SLU_12	85.81	0.12	0.110	SLU_12	12.02	0.12	0.021
186	1	R60x60-2	SLU_12	-24.23	0.09	0.053	SLU_12	11.58	0.09	0.025
187	1	R60x60-2	SLU_12	36.47	0.09	0.080	SLU_12	12.94	0.09	0.028
188	1	R60x80-72	SLU_12	-70.71	0.12	0.091	SLU_12	11.71	0.12	0.021
189	1	R60x80-72	SLU_12	-86.34	0.12	0.111	SLU_03	38.55	0.12	0.068
19	1	R60x80-72	SLU_01	14.61	0.12	0.019	SLU_12	-0.32	0.12	0.001
190	1	R60x80-72	SLU_12	93.32	0.12	0.120	SLU_12	9.73	0.12	0.017
191	1	R60x60-2	SLU_12	-25.81	0.09	0.057	SLU_12	6.74	0.09	0.015
192	1	R60x60-2	SLU_12	24.12	0.09	0.053	SLU_12	7.59	0.09	0.017
193	1	R60x80-72	SLU_12	-66.58	0.12	0.086	SLU_12	10.47	0.12	0.018
1937	1	R80x40-5	SLU_12	10.16	0.13	0.026	SLU_12	31.46	0.09	0.051
194	1	R60x80-72	SLU_03	50.08	0.12	0.064	SLU_12	10.35	0.12	0.018
1948	1	R80x40-5	SLU_04	21.31	0.13	0.055	SLU_12	61.13	0.09	0.098
1949	1	R80x40-5	SLU_06	-0.63	0.13	0.002	SLU_12	-9.35	0.09	0.015
195	1	R80x40-3	SLU_12	-10.46	0.16	0.022	SLU_12	49.89	0.12	0.064
1950	1	R80x40-5	SLU_06	-1.66	0.13	0.004	SLU_06	16.00	0.09	0.026
196	1	R80x40-3	SLU_12	-11.42	0.16	0.024	SLU_12	55.64	0.12	0.072
1969	1	R80x40-5	SLU_01	4.24	0.13	0.011	SLU_06	18.93	0.09	0.030
197	1	R60x80-72	SLU_03	-68.71	0.12	0.088	SLU_12	10.51	0.12	0.018
1970	1	R80x40-5	SLU_01	6.85	0.13	0.018	SLU_04	13.40	0.09	0.022
1971	1	R80x40-5	SLU_01	10.96	0.13	0.028	SLU_12	20.84	0.09	0.033
198	1	R60x80-72	SLU_12	69.78	0.12	0.090	SLU_12	10.31	0.12	0.018
1986	1	R80x40-5	SLU_02	10.92	0.13	0.028	SLU_12	17.26	0.09	0.028
1987	1	R80x40-5	SLU_02	7.58	0.13	0.020	SLU_12	10.39	0.09	0.017
1989	1	R80x40-5	SLU_03	8.75	0.13	0.023	SLU_04	28.43	0.09	0.046
199	1	R60x60-2	SLU_12	-14.62	0.09	0.032	SLU_04	11.43	0.09	0.025
2	1	R60x60-2	SLU_01	-7.53	0.09	0.017	SLU_12	-0.78	0.09	0.002
20	1	R80x40-5	SLU_12	-15.64	0.13	0.040	SLU_12	32.52	0.09	0.052
200	1	R60x60-2	SLU_12	30.56	0.09	0.067	SLU_12	7.08	0.09	0.016
201	1	R60x80-72	SLU_12	-75.97	0.12	0.098	SLU_12	9.97	0.12	0.017
202	1	R60x80-72	SLU_12	74.24	0.12	0.095	SLU_03	35.12	0.12	0.062
203	1	R60x80-72	SLU_12	-59.76	0.12	0.077	SLU_12	23.16	0.12	0.041
204	1	R60x80-72	SLU_12	71.71	0.12	0.092	SLU_12	21.67	0.12	0.038
205	1	R60x60-2	SLU_12	-21.20	0.09	0.046	SLU_12	19.05	0.09	0.042
206	1	R60x60-2	SLU_12	20.81	0.09	0.046	SLU_12	19.58	0.09	0.043
207	1	R60x80-72	SLU_12	-61.02	0.12	0.078	SLU_12	23.69	0.12	0.042
208	1	R60x80-72	SLU_12	41.82	0.12	0.054	SLU_12	24.37	0.12	0.043
209	1	R60x80-72	SLU_03	-58.98	0.12	0.076	SLU_12	25.15	0.12	0.044
21	1	R80x40-5	SLU_04	-20.08	0.13	0.052	SLU_12	60.67	0.09	0.097
210	1	R60x80-72	SLU_12	59.66	0.12	0.077	SLU_12	25.54	0.12	0.045
211	1	R60x60-2	SLU_12	-12.38	0.09	0.027	SLU_12	24.98	0.09	0.055
212	1	R60x60-2	SLU_12	25.23	0.09	0.055	SLU_12	19.03	0.09	0.042
213	1	R60x80-72	SLU_12	-59.63	0.12	0.077	SLU_12	21.13	0.12	0.037
214	1	R60x80-73	SLU_12	54.06	0.08	0.104	SLU_12	21.92	0.12	0.038
215	1	C50-5	SLU_12	-16.01	0.06	0.070	SLU_12	-10.65	0.06	0.047
216	1	C50-3	SLU_12	-22.85	0.06	0.094	SLU_12	-11.01	0.06	0.047
217	1	C50-4	SLU_02	-5.30	0.06	0.023	SLU_03	-34.67	0.06	0.139
218	1	C50-4	SLU_12	3.22	0.06	0.014	SLU_03	-38.51	0.06	0.155

219	1	C50-4	SLU_12	-9.51	0.06	0.041	SLU_03	-30.73	0.06	0.123
22	1	R60x80-72	SLU_01	-15.11	0.12	0.019	SLU_12	0.36	0.12	0.001
220	1	C50-4	SLU_12	-10.32	0.06	0.044	SLU_04	-35.41	0.06	0.142
221	1	C50-4	SLU_12	-8.42	0.06	0.036	SLU_03	-43.27	0.06	0.174
222	1	C50-4	SLU_12	-5.81	0.06	0.025	SLU_04	-44.04	0.06	0.177
223	1	C50-4	SLU_07	-0.31	0.06	0.001	SLU_12	-32.60	0.06	0.131
224	1	C50-4	SLU_04	14.22	0.06	0.061	SLU_03	-42.44	0.06	0.170
225	1	C50-4	SLU_04	-14.17	0.06	0.061	SLU_03	-42.75	0.06	0.172
226	1	C50-4	SLU_07	5.93	0.06	0.025	SLU_03	-44.33	0.06	0.178
227	1	C50-4	SLU_12	8.53	0.06	0.036	SLU_03	-43.40	0.06	0.174
228	1	C50-4	SLU_12	10.31	0.06	0.044	SLU_04	-35.46	0.06	0.142
229	1	C50-4	SLU_12	10.02	0.06	0.043	SLU_03	-30.42	0.06	0.122
23	1	R60x80-72	SLU_01	20.90	0.12	0.027	SLU_12	-0.83	0.12	0.001
230	1	C50-4	SLU_12	-2.45	0.06	0.010	SLU_03	-36.45	0.06	0.146
231	1	C50-4	SLU_03	3.11	0.06	0.013	SLU_03	-30.60	0.06	0.123
232	1	C50-5	SLU_12	15.32	0.06	0.067	SLU_12	-10.34	0.06	0.045
233	1	C50-3	SLU_12	22.70	0.06	0.093	SLU_12	-11.03	0.06	0.047
234	1	R80x50-2	SLU_12	0.33	0.13	0.001	SLU_12	-11.69	0.09	0.019
235	1	R60x80-72	SLU_12	111.26	0.12	0.143	SLU_12	-46.85	0.12	0.082
236	1	R60x60-2	SLU_12	-67.15	0.09	0.147	SLU_12	-24.99	0.09	0.055
237	1	R60x60-2	SLU_12	51.06	0.09	0.112	SLU_12	37.33	0.09	0.082
238	1	R60x80-72	SLU_12	-146.75	0.12	0.189	SLU_12	24.67	0.12	0.043
239	1	R60x80-72	SLU_12	72.02	0.12	0.093	SLU_12	61.86	0.12	0.108
24	1	R60x60-2	SLU_01	-6.42	0.09	0.014	SLU_12	-0.55	0.09	0.001
240	1	R100x50-2	SLU_12	10.65	0.16	0.017	SLU_12	124.49	0.12	0.126
241	1	R100x50-2	SLU_12	-11.58	0.16	0.019	SLU_12	124.91	0.12	0.127
242	1	R60x80-72	SLU_12	-69.15	0.12	0.089	SLU_12	61.72	0.12	0.108
243	1	R60x80-72	SLU_12	146.82	0.12	0.189	SLU_12	24.21	0.12	0.042
244	1	R60x60-2	SLU_12	-50.10	0.09	0.110	SLU_12	37.06	0.09	0.081
245	1	R60x60-2	SLU_12	67.96	0.09	0.149	SLU_12	-24.70	0.09	0.054
246	1	R60x80-72	SLU_12	-110.48	0.12	0.142	SLU_12	-46.21	0.12	0.081
247	1	R60x80-72	SLU_12	-137.29	0.12	0.176	SLU_12	74.18	0.12	0.130
248	1	R60x80-72	SLU_12	124.09	0.12	0.160	SLU_12	-21.78	0.12	0.038
249	1	R60x60-2	SLU_12	-53.79	0.09	0.118	SLU_12	-18.83	0.09	0.041
25	1	R60x60-2	SLU_01	7.61	0.09	0.017	SLU_12	-0.61	0.09	0.001
250	1	R60x60-2	SLU_12	45.71	0.09	0.100	SLU_12	-17.41	0.09	0.038
251	1	R60x80-72	SLU_12	-88.74	0.12	0.114	SLU_12	-20.30	0.12	0.036
252	1	R60x80-72	SLU_12	67.17	0.12	0.086	SLU_12	-17.40	0.12	0.030
253	1	R80x40-3	SLU_12	-12.20	0.16	0.025	SLU_12	50.45	0.12	0.065
254	1	R80x40-3	SLU_12	-12.90	0.16	0.027	SLU_12	54.89	0.12	0.071
255	1	R60x80-72	SLU_12	-64.45	0.12	0.083	SLU_12	-17.31	0.12	0.030
256	1	R60x80-72	SLU_12	91.54	0.12	0.118	SLU_12	-20.94	0.12	0.037
257	1	R60x60-2	SLU_12	-44.63	0.09	0.098	SLU_12	-18.21	0.09	0.040
258	1	R60x60-2	SLU_12	56.74	0.09	0.124	SLU_12	-18.37	0.09	0.040
259	1	R60x80-72	SLU_12	-122.66	0.12	0.158	SLU_12	-20.79	0.12	0.036
26	1	R60x80-72	SLU_01	-19.99	0.12	0.026	SLU_12	-0.50	0.12	0.001
260	1	R60x80-72	SLU_12	139.04	0.12	0.179	SLU_12	77.61	0.12	0.136
261	1	R60x80-72	SLU_12	-89.48	0.12	0.115	SLU_12	8.54	0.12	0.015
262	1	R60x80-72	SLU_12	91.60	0.12	0.118	SLU_12	-7.97	0.12	0.014

263	1	R60x60-2	SLU_12	-42.58	0.09	0.093	SLU_12	-5.56	0.09	0.012
264	1	R60x60-2	SLU_12	37.20	0.09	0.082	SLU_12	-5.66	0.09	0.012
265	1	R60x80-72	SLU_12	-72.63	0.12	0.093	SLU_12	-7.88	0.12	0.014
266	1	R60x80-72	SLU_12	49.21	0.12	0.063	SLU_12	8.23	0.12	0.014
267	1	R60x80-72	SLU_12	-46.56	0.12	0.060	SLU_12	8.46	0.12	0.015
268	1	R60x80-72	SLU_12	74.52	0.12	0.096	SLU_12	-7.92	0.12	0.014
269	1	R60x60-2	SLU_12	-35.64	0.09	0.078	SLU_12	-6.30	0.09	0.014
27	1	R60x80-72	SLU_01	14.75	0.12	0.019	SLU_01	13.19	0.12	0.023
270	1	R60x60-2	SLU_12	45.18	0.09	0.099	SLU_12	-5.63	0.09	0.012
271	1	R60x80-72	SLU_12	-89.61	0.12	0.115	SLU_12	-8.11	0.12	0.014
272	1	R60x80-73	SLU_12	89.74	0.08	0.173	SLU_12	7.80	0.12	0.014
273	1	C50-5	SLU_12	-36.40	0.06	0.160	SLU_06	49.48	0.06	0.218
274	1	C50-3	SLU_12	43.41	0.06	0.178	SLU_12	59.73	0.06	0.254
275	1	C50-4	SLU_12	-34.68	0.06	0.148	SLU_12	-48.33	0.06	0.194
276	1	C50-4	SLU_12	44.38	0.06	0.190	SLU_12	32.69	0.06	0.131
277	1	C50-4	SLU_12	-27.88	0.06	0.119	SLU_12	-36.82	0.06	0.148
278	1	C50-4	SLU_12	-26.68	0.06	0.114	SLU_12	-50.70	0.06	0.204
279	1	C50-4	SLU_12	-21.05	0.06	0.090	SLU_12	-63.50	0.06	0.255
28	1	R60x80-72	SLU_01	-15.11	0.12	0.019	SLU_12	1.75	0.12	0.003
280	1	C50-4	SLU_12	-10.06	0.06	0.043	SLU_12	-70.74	0.06	0.284
282	1	C50-4	SLU_12	-6.02	0.06	0.026	SLU_12	-70.96	0.06	0.285
283	1	C50-4	SLU_12	5.66	0.06	0.024	SLU_12	-71.02	0.06	0.285
284	1	C50-4	SLU_12	10.62	0.06	0.045	SLU_12	-71.00	0.06	0.285
285	1	C50-4	SLU_12	21.34	0.06	0.091	SLU_12	-63.64	0.06	0.256
286	1	C50-4	SLU_12	26.89	0.06	0.115	SLU_12	-50.82	0.06	0.204
287	1	C50-4	SLU_12	28.49	0.06	0.122	SLU_12	-37.11	0.06	0.149
288	1	C50-4	SLU_12	-43.39	0.06	0.185	SLU_12	33.19	0.06	0.133
289	1	C50-4	SLU_12	34.64	0.06	0.148	SLU_12	-47.38	0.06	0.190
29	1	R60x80-72	SLU_01	21.60	0.12	0.028	SLU_04	0.96	0.12	0.002
290	1	C50-5	SLU_12	35.76	0.06	0.157	SLU_06	49.57	0.06	0.218
291	1	C50-3	SLU_12	-43.33	0.06	0.178	SLU_12	59.95	0.06	0.255
293	1	R60x40-6	SLU_12	27.23	0.09	0.094	SLU_12	-10.45	0.09	0.023
	2	R60x40-5	SLU_12	27.23	0.09	0.094	SLU_12	-10.45	0.09	0.023
294	1	R60x40-6	SLU_04	-15.60	0.09	0.054	SLU_12	5.32	0.09	0.012
	2	R60x40-5	SLU_04	-15.60	0.09	0.054	SLU_12	5.32	0.09	0.012
295	1	R60x40-6	SLU_12	10.41	0.09	0.036	SLU_12	22.23	0.09	0.049
	2	R60x40-5	SLU_12	10.41	0.09	0.036	SLU_12	22.23	0.09	0.049
296	1	R60x40-6	SLU_04	-36.88	0.09	0.127	SLU_12	9.15	0.09	0.020
	2	R60x40-5	SLU_04	-36.88	0.09	0.127	SLU_12	9.15	0.09	0.020
297	1	R60x40-6	SLU_04	20.18	0.09	0.069	SLU_04	32.07	0.09	0.070
	2	R60x40-5	SLU_04	20.18	0.09	0.069	SLU_04	32.07	0.09	0.070
298	1	R100x40-2	SLU_07	-31.22	0.16	0.065	SLU_12	118.43	0.12	0.120
299	1	R100x40-2	SLU_07	29.15	0.16	0.060	SLU_12	118.30	0.12	0.120
3	1	R60x60-2	SLU_01	6.12	0.09	0.013	SLU_12	-0.68	0.09	0.001
30	1	R60x60-2	SLU_01	-7.60	0.09	0.017	SLU_04	0.92	0.09	0.002
300	1	R60x40-6	SLU_04	-19.53	0.09	0.067	SLU_04	31.78	0.09	0.070
	2	R60x40-5	SLU_04	-19.53	0.09	0.067	SLU_04	31.78	0.09	0.070
301	1	R60x40-6	SLU_04	37.24	0.09	0.128	SLU_12	8.53	0.09	0.019
	2	R60x40-5	SLU_04	37.24	0.09	0.128	SLU_12	8.53	0.09	0.019

302	1	R60x40-6	SLU_12	-9.67	0.09	0.033	SLU_12	21.71	0.09	0.048
	2	R60x40-5	SLU_12	-9.67	0.09	0.033	SLU_12	21.71	0.09	0.048
303	1	R60x40-6	SLU_04	15.86	0.09	0.055	SLU_12	5.24	0.09	0.011
	2	R60x40-5	SLU_04	15.86	0.09	0.055	SLU_12	5.24	0.09	0.011
304	1	R60x40-6	SLU_12	-25.67	0.09	0.088	SLU_12	-9.71	0.09	0.021
	2	R60x40-5	SLU_12	-25.67	0.09	0.088	SLU_12	-9.71	0.09	0.021
305	1	R60x40-6	SLU_04	-31.06	0.09	0.107	SLU_04	49.96	0.09	0.109
	2	R60x40-5	SLU_04	-31.06	0.09	0.107	SLU_04	49.96	0.09	0.109
306	1	R60x40-6	SLU_04	35.63	0.09	0.123	SLU_04	-7.46	0.09	0.016
	2	R60x40-5	SLU_04	35.63	0.09	0.123	SLU_04	-7.46	0.09	0.016
307	1	R60x40-6	SLU_12	-17.95	0.09	0.062	SLU_04	-8.87	0.09	0.019
	2	R60x40-5	SLU_12	-17.95	0.09	0.062	SLU_04	-8.87	0.09	0.019
308	1	R60x40-6	SLU_12	17.58	0.09	0.061	SLU_04	-8.21	0.09	0.018
	2	R60x40-5	SLU_12	17.58	0.09	0.061	SLU_04	-8.21	0.09	0.018
309	1	R60x40-6	SLU_04	-32.46	0.09	0.112	SLU_12	-7.52	0.09	0.016
	2	R60x40-5	SLU_04	-32.46	0.09	0.112	SLU_12	-7.52	0.09	0.016
31	1	R60x60-2	SLU_01	7.23	0.09	0.016	SLU_12	0.90	0.09	0.002
310	1	R60x40-6	SLU_04	31.19	0.09	0.107	SLU_12	-6.95	0.09	0.015
	2	R60x40-5	SLU_04	31.19	0.09	0.107	SLU_12	-6.95	0.09	0.015
311	1	R80x40-5	SLU_12	19.55	0.13	0.050	SLU_12	12.13	0.09	0.019
312	1	R80x40-5	SLU_12	-19.55	0.13	0.050	SLU_12	11.91	0.09	0.019
313	1	R60x40-6	SLU_04	-31.37	0.09	0.108	SLU_12	-6.79	0.09	0.015
	2	R60x40-5	SLU_04	-31.37	0.09	0.108	SLU_12	-6.79	0.09	0.015
314	1	R60x40-6	SLU_04	33.21	0.09	0.114	SLU_12	-7.95	0.09	0.017
	2	R60x40-5	SLU_04	33.21	0.09	0.114	SLU_12	-7.95	0.09	0.017
315	1	R60x40-6	SLU_12	-15.48	0.09	0.053	SLU_04	-8.39	0.09	0.018
	2	R60x40-5	SLU_12	-15.48	0.09	0.053	SLU_04	-8.39	0.09	0.018
316	1	R60x40-6	SLU_12	19.35	0.09	0.067	SLU_04	-8.53	0.09	0.019
	2	R60x40-5	SLU_12	19.35	0.09	0.067	SLU_04	-8.53	0.09	0.019
317	1	R60x40-6	SLU_04	-33.12	0.09	0.114	SLU_04	-6.71	0.09	0.015
318	1	R60x40-6	SLU_04	30.34	0.09	0.104	SLU_04	51.26	0.09	0.112
	2	R60x40-5	SLU_04	30.34	0.09	0.104	SLU_04	51.26	0.09	0.112
319	1	R60x40-6	SLU_04	-27.34	0.09	0.094	SLU_12	-7.91	0.09	0.017
	2	R60x40-5	SLU_04	-27.34	0.09	0.094	SLU_12	-7.91	0.09	0.017
32	1	R60x80-72	SLU_01	-22.00	0.12	0.028	SLU_12	0.92	0.12	0.002
320	1	R60x40-6	SLU_04	28.19	0.09	0.097	SLU_12	-9.91	0.09	0.022
	2	R60x40-5	SLU_04	28.19	0.09	0.097	SLU_12	-9.91	0.09	0.022
321	1	R60x40-6	SLU_12	-14.99	0.09	0.052	SLU_12	-9.69	0.09	0.021
	2	R60x40-5	SLU_12	-14.99	0.09	0.052	SLU_12	-9.69	0.09	0.021
322	1	R60x40-6	SLU_12	15.78	0.09	0.054	SLU_12	-9.76	0.09	0.021
	2	R60x40-5	SLU_12	15.78	0.09	0.054	SLU_12	-9.76	0.09	0.021
323	1	R60x40-6	SLU_04	-27.34	0.09	0.094	SLU_12	-10.34	0.09	0.023
	2	R60x40-5	SLU_04	-27.34	0.09	0.094	SLU_12	-10.34	0.09	0.023
324	1	R60x40-6	SLU_04	26.96	0.09	0.093	SLU_12	-9.69	0.09	0.021
	2	R60x40-5	SLU_04	26.96	0.09	0.093	SLU_12	-9.69	0.09	0.021
325	1	R60x40-6	SLU_04	-27.21	0.09	0.094	SLU_12	-9.61	0.09	0.021
	2	R60x40-5	SLU_04	-27.21	0.09	0.094	SLU_12	-9.61	0.09	0.021
326	1	R60x40-6	SLU_04	27.97	0.09	0.096	SLU_12	-10.41	0.09	0.023
	2	R60x40-5	SLU_04	27.97	0.09	0.096	SLU_12	-10.41	0.09	0.023

3262	1	R50x30-47	SLU_12	0.88	0.12	0.003	SLU_12	0.58	0.08	0.002
327	1	R60x40-6	SLU_12	-14.12	0.09	0.049	SLU_12	-9.86	0.09	0.022
	2	R60x40-5	SLU_12	-14.12	0.09	0.049	SLU_12	-9.86	0.09	0.022
328	1	R60x40-6	SLU_12	16.95	0.09	0.058	SLU_12	-9.64	0.09	0.021
	2	R60x40-5	SLU_12	16.95	0.09	0.058	SLU_12	-9.64	0.09	0.021
329	1	R60x40-6	SLU_04	-26.49	0.09	0.091	SLU_12	-9.80	0.09	0.021
	2	R60x40-5	SLU_04	-26.49	0.09	0.091	SLU_12	-9.80	0.09	0.021
33	1	R60x80-72	SLU_01	13.02	0.12	0.017	SLU_12	1.44	0.12	0.003
330	1	R60x40-8	SLU_04	26.79	0.08	0.111	SLU_12	-7.80	0.12	0.014
	2	R60x40-7	SLU_04	26.79	0.08	0.111	SLU_12	-7.80	0.12	0.014
34	1	R60x80-72	SLU_01	-13.85	0.12	0.018	SLU_12	1.53	0.12	0.003
35	1	R60x80-72	SLU_01	22.11	0.12	0.028	SLU_12	1.05	0.12	0.002
350	1	R56x30-2	SLU_12	-10.62	0.12	0.041	SLU_04	-31.23	0.08	0.089
351	1	R56x30-2	SLU_12	10.71	0.12	0.041	SLU_04	-28.26	0.08	0.080
352	1	C50-4	SLU_07	-22.39	0.06	0.096	SLU_12	-26.15	0.06	0.105
353	1	C50-4	SLU_07	21.66	0.06	0.093	SLU_12	-26.05	0.06	0.105
354	1	C50-4	SLU_12	3.95	0.06	0.017	SLU_04	-25.55	0.06	0.103
355	1	C50-4	SLU_12	-3.05	0.06	0.013	SLU_04	-25.84	0.06	0.104
356	1	C50-4	SLU_12	-15.16	0.06	0.065	SLU_04	-31.46	0.06	0.126
357	1	C50-4	SLU_12	15.61	0.06	0.067	SLU_04	-31.59	0.06	0.127
358	1	C50-4	SLU_12	-9.12	0.06	0.039	SLU_12	-16.14	0.06	0.065
359	1	C50-4	SLU_12	9.36	0.06	0.040	SLU_12	-16.29	0.06	0.065
36	1	R60x60-2	SLU_01	-6.72	0.09	0.015	SLU_12	1.20	0.09	0.003
360	1	C50-4	SLU_12	-6.00	0.06	0.026	SLU_12	-11.39	0.06	0.046
361	1	C50-4	SLU_12	6.48	0.06	0.028	SLU_12	-11.71	0.06	0.047
362	1	R60x40-5	SLU_04	34.09	0.09	0.117	SLU_04	7.87	0.09	0.017
363	1	R60x40-5	SLU_04	-14.35	0.09	0.049	SLU_12	-12.25	0.09	0.027
364	1	R60x40-5	SLU_12	8.87	0.09	0.031	SLU_04	-10.37	0.09	0.023
365	1	R60x40-5	SLU_04	-39.22	0.09	0.135	SLU_04	-12.97	0.09	0.028
366	1	R60x40-5	SLU_04	24.20	0.09	0.083	SLU_04	-12.72	0.09	0.028
367	1	R100x40-2	SLU_04	-30.15	0.16	0.062	SLU_12	-4.77	0.12	0.005
368	1	R100x40-2	SLU_04	30.32	0.16	0.063	SLU_12	-5.00	0.12	0.005
369	1	R60x40-5	SLU_04	-24.03	0.09	0.083	SLU_04	-12.81	0.09	0.028
37	1	R60x60-2	SLU_01	7.85	0.09	0.017	SLU_12	0.96	0.09	0.002
370	1	R60x40-5	SLU_04	40.95	0.09	0.141	SLU_04	-13.45	0.09	0.029
371	1	R60x40-5	SLU_04	-9.41	0.09	0.032	SLU_04	-10.43	0.09	0.023
372	1	R60x40-5	SLU_04	15.17	0.09	0.052	SLU_12	-11.75	0.09	0.026
373	1	R60x40-5	SLU_04	-37.34	0.09	0.129	SLU_04	8.57	0.09	0.019
374	1	R60x40-5	SLU_04	-45.54	0.09	0.157	SLU_12	-2.73	0.09	0.006
375	1	R60x40-5	SLU_04	47.24	0.09	0.163	SLU_12	-11.77	0.09	0.026
376	1	R60x40-5	SLU_04	-17.93	0.09	0.062	SLU_12	-10.23	0.09	0.022
377	1	R60x40-5	SLU_04	17.36	0.09	0.060	SLU_04	-7.77	0.09	0.017
378	1	R60x40-5	SLU_04	-48.68	0.09	0.168	SLU_04	-7.35	0.09	0.016
379	1	R60x40-5	SLU_04	44.97	0.09	0.155	SLU_12	-5.68	0.09	0.012
38	1	R60x80-72	SLU_01	-21.11	0.12	0.027	SLU_04	0.94	0.12	0.002
380	1	R80x40-4	SLU_12	3.43	0.16	0.007	SLU_12	-40.08	0.12	0.052
	2	R80x40-3	SLU_12	6.78	0.16	0.014	SLU_12	64.84	0.12	0.083
381	1	R80x40-3	SLU_12	-17.65	0.16	0.036	SLU_12	60.48	0.12	0.078
382	1	R60x40-5	SLU_04	-45.00	0.09	0.155	SLU_12	-5.71	0.09	0.013

383	1	R60x40-5	SLU_04	51.05	0.09	0.176	SLU_04	-7.88	0.09	0.017
384	1	R60x40-5	SLU_04	-16.93	0.09	0.058	SLU_04	-8.00	0.09	0.018
385	1	R60x40-5	SLU_04	20.28	0.09	0.070	SLU_12	-9.69	0.09	0.021
386	1	R60x40-6	SLU_04	-49.31	0.09	0.170	SLU_12	-10.89	0.09	0.024
387	1	R60x40-5	SLU_04	46.57	0.09	0.160	SLU_12	2.14	0.09	0.005
388	1	R60x40-5	SLU_12	-42.81	0.09	0.147	SLU_12	3.59	0.09	0.008
389	1	R60x40-5	SLU_04	42.23	0.09	0.145	SLU_12	-4.48	0.09	0.010
39	1	R60x80-73	SLU_01	14.73	0.08	0.028	SLU_04	1.64	0.12	0.003
390	1	R60x40-5	SLU_04	-14.11	0.09	0.049	SLU_12	-4.14	0.09	0.009
391	1	R60x40-5	SLU_04	14.79	0.09	0.051	SLU_12	-3.40	0.09	0.007
392	1	R60x40-5	SLU_04	-40.65	0.09	0.140	SLU_12	-3.22	0.09	0.007
393	1	R60x40-5	SLU_04	38.29	0.09	0.132	SLU_12	-2.60	0.09	0.006
394	1	R60x40-5	SLU_04	-38.21	0.09	0.132	SLU_12	-2.57	0.09	0.006
395	1	R60x40-5	SLU_04	41.44	0.09	0.143	SLU_12	-3.22	0.09	0.007
396	1	R60x40-5	SLU_04	-13.27	0.09	0.046	SLU_12	-3.44	0.09	0.008
397	1	R60x40-5	SLU_04	16.55	0.09	0.057	SLU_12	-3.99	0.09	0.009
398	1	R60x40-5	SLU_04	-40.20	0.09	0.138	SLU_12	-4.20	0.09	0.009
399	1	R60x40-7	SLU_12	42.00	0.08	0.174	SLU_12	3.48	0.12	0.006
4	1	R60x80-72	SLU_01	-21.68	0.12	0.028	SLU_01	-1.88	0.12	0.003
400	1	R56x30-2	SLU_12	-9.32	0.12	0.036	SLU_12	14.42	0.08	0.041
401	1	R56x30-2	SLU_12	11.00	0.12	0.042	SLU_12	14.83	0.08	0.042
402	1	C50-4	SLU_04	-25.39	0.06	0.108	SLU_04	12.87	0.06	0.052
403	1	C50-4	SLU_04	25.55	0.06	0.109	SLU_04	12.84	0.06	0.052
404	1	C50-4	SLU_12	-2.42	0.06	0.010	SLU_04	6.03	0.06	0.024
405	1	C50-4	SLU_12	2.59	0.06	0.011	SLU_04	5.99	0.06	0.024
406	1	C50-4	SLU_04	-8.52	0.06	0.036	SLU_12	-0.96	0.06	0.004
407	1	C50-4	SLU_04	8.93	0.06	0.038	SLU_12	-0.90	0.06	0.004
408	1	C50-4	SLU_04	-9.56	0.06	0.041	SLU_12	6.83	0.06	0.027
409	1	C50-4	SLU_04	9.81	0.06	0.042	SLU_12	6.90	0.06	0.028
41	1	C50-5	SLU_04	-1.28	0.06	0.006	SLU_01	-0.20	0.06	0.001
410	1	C50-4	SLU_12	-0.74	0.06	0.003	SLU_12	6.85	0.06	0.028
411	1	C50-4	SLU_12	0.92	0.06	0.004	SLU_12	6.97	0.06	0.028
412	1	R60x40-5	SLU_04	34.54	0.09	0.119	SLU_12	3.33	0.09	0.007
413	1	R60x40-5	SLU_04	-10.98	0.09	0.038	SLU_12	-11.98	0.09	0.026
414	1	R60x40-5	SLU_04	5.64	0.09	0.019	SLU_12	-7.02	0.09	0.015
415	1	R60x40-5	SLU_04	-40.86	0.09	0.141	SLU_04	-10.92	0.09	0.024
416	1	R60x40-5	SLU_04	24.21	0.09	0.083	SLU_04	-5.65	0.09	0.012
417	1	R100x40-2	SLU_04	-28.02	0.16	0.058	SLU_04	19.54	0.12	0.020
418	1	R100x40-2	SLU_04	28.19	0.16	0.058	SLU_04	19.68	0.12	0.020
419	1	R60x40-5	SLU_04	-23.97	0.09	0.083	SLU_04	-5.79	0.09	0.013
42	1	C50-3	SLU_01	-2.89	0.06	0.012	SLU_01	1.18	0.06	0.005
420	1	R60x40-5	SLU_04	42.69	0.09	0.147	SLU_04	-11.21	0.09	0.025
421	1	R60x40-5	SLU_04	-6.31	0.09	0.022	SLU_12	-6.94	0.09	0.015
422	1	R60x40-5	SLU_04	11.78	0.09	0.041	SLU_12	-11.22	0.09	0.025
423	1	R60x40-5	SLU_04	-37.96	0.09	0.131	SLU_12	3.92	0.09	0.009
424	1	R60x40-5	SLU_04	-43.96	0.09	0.151	SLU_12	8.47	0.09	0.019
425	1	R60x40-5	SLU_04	46.10	0.09	0.159	SLU_12	-11.94	0.09	0.026
426	1	R60x40-5	SLU_04	-14.80	0.09	0.051	SLU_12	-11.87	0.09	0.026
427	1	R60x40-5	SLU_04	14.15	0.09	0.049	SLU_12	-10.11	0.09	0.022

428	1	R60x40-5	SLU_04	-48.21	0.09	0.166	SLU_12	-9.44	0.09	0.021
429	1	R60x40-5	SLU_04	44.93	0.09	0.155	SLU_09	-5.92	0.09	0.013
43	1	C50-4	SLU_01	-2.66	0.06	0.011	SLU_01	-10.07	0.06	0.040
430	1	R80x40-3	SLU_12	10.08	0.16	0.021	SLU_12	59.31	0.12	0.076
431	1	R80x40-3	SLU_12	-17.08	0.16	0.035	SLU_12	42.93	0.12	0.055
432	1	R60x40-5	SLU_04	-45.01	0.09	0.155	SLU_09	-5.83	0.09	0.013
433	1	R60x40-5	SLU_04	50.52	0.09	0.174	SLU_12	-9.66	0.09	0.021
434	1	R60x40-5	SLU_04	-13.74	0.09	0.047	SLU_12	-10.15	0.09	0.022
435	1	R60x40-5	SLU_04	17.47	0.09	0.060	SLU_12	-10.90	0.09	0.024
436	1	R60x40-6	SLU_04	-47.89	0.09	0.165	SLU_12	-10.40	0.09	0.023
437	1	R60x40-5	SLU_04	44.93	0.09	0.155	SLU_04	9.51	0.09	0.021
438	1	R60x40-5	SLU_04	-40.31	0.09	0.139	SLU_12	0.87	0.09	0.002
439	1	R60x40-5	SLU_04	41.10	0.09	0.142	SLU_12	-1.91	0.09	0.004
44	1	C50-4	SLU_12	0.57	0.06	0.002	SLU_01	-7.47	0.06	0.030
440	1	R60x40-5	SLU_04	-11.29	0.09	0.039	SLU_12	-1.90	0.09	0.004
441	1	R60x40-5	SLU_04	12.13	0.09	0.042	SLU_12	-1.63	0.09	0.004
442	1	R60x40-5	SLU_04	-39.97	0.09	0.138	SLU_12	-1.51	0.09	0.003
443	1	R60x40-5	SLU_04	38.38	0.09	0.132	SLU_06	-1.31	0.09	0.003
444	1	R60x40-5	SLU_04	-38.47	0.09	0.132	SLU_06	-1.26	0.09	0.003
445	1	R60x40-5	SLU_04	40.68	0.09	0.140	SLU_12	-1.51	0.09	0.003
446	1	R60x40-5	SLU_04	-10.58	0.09	0.036	SLU_12	-1.64	0.09	0.004
447	1	R60x40-5	SLU_04	14.20	0.09	0.049	SLU_12	-1.88	0.09	0.004
448	1	R60x40-5	SLU_04	-38.71	0.09	0.133	SLU_12	-1.94	0.09	0.004
449	1	R60x40-7	SLU_04	39.48	0.08	0.163	SLU_12	0.89	0.12	0.002
45	1	C50-4	SLU_12	-1.70	0.06	0.007	SLU_01	-5.98	0.06	0.024
450	1	R56x30-2	SLU_04	-8.76	0.12	0.034	SLU_12	3.84	0.08	0.011
451	1	R56x30-2	SLU_04	10.60	0.12	0.041	SLU_12	4.90	0.08	0.014
452	1	C50-4	SLU_04	-24.50	0.06	0.105	SLU_12	4.72	0.06	0.019
453	1	C50-4	SLU_04	24.68	0.06	0.105	SLU_12	4.81	0.06	0.019
454	1	C50-4	SLU_12	-2.72	0.06	0.012	SLU_04	-2.28	0.06	0.009
455	1	C50-4	SLU_12	3.09	0.06	0.013	SLU_04	-2.36	0.06	0.009
456	1	C50-4	SLU_04	-9.77	0.06	0.042	SLU_04	-7.67	0.06	0.031
457	1	C50-4	SLU_04	10.27	0.06	0.044	SLU_04	-7.66	0.06	0.031
458	1	C50-4	SLU_04	-9.52	0.06	0.041	SLU_12	1.32	0.06	0.005
459	1	C50-4	SLU_04	9.83	0.06	0.042	SLU_12	1.34	0.06	0.005
46	1	C50-4	SLU_12	-1.82	0.06	0.008	SLU_12	-7.03	0.06	0.028
460	1	C50-4	SLU_12	-0.72	0.06	0.003	SLU_12	1.90	0.06	0.008
461	1	C50-4	SLU_12	0.97	0.06	0.004	SLU_12	1.92	0.06	0.008
462	1	R60x40-5	SLU_04	43.49	0.09	0.150	SLU_12	4.16	0.09	0.009
463	1	R60x40-5	SLU_04	-10.49	0.09	0.036	SLU_04	-14.39	0.09	0.032
464	1	R60x40-5	SLU_04	3.37	0.09	0.012	SLU_04	-10.05	0.09	0.022
465	1	R60x40-5	SLU_04	-42.45	0.09	0.146	SLU_04	-13.11	0.09	0.029
466	1	R60x40-5	SLU_04	24.55	0.09	0.085	SLU_04	-9.54	0.09	0.021
467	1	R100x40-2	SLU_04	-27.26	0.16	0.056	SLU_04	16.53	0.12	0.017
468	1	R100x40-2	SLU_04	27.40	0.16	0.057	SLU_04	16.68	0.12	0.017
469	1	R60x40-5	SLU_04	-24.24	0.09	0.083	SLU_04	-9.67	0.09	0.021
47	1	C50-4	SLU_01	-1.63	0.06	0.007	SLU_01	-8.60	0.06	0.035
470	1	R60x40-5	SLU_04	42.88	0.09	0.148	SLU_04	-13.25	0.09	0.029
471	1	R60x40-5	SLU_04	-2.67	0.09	0.009	SLU_04	-9.87	0.09	0.022

472	1	R60x40-5	SLU_04	10.68	0.09	0.037	SLU_04	-13.58	0.09	0.030
473	1	R60x40-5	SLU_04	-42.08	0.09	0.145	SLU_12	5.62	0.09	0.012
474	1	R60x40-5	SLU_04	-47.10	0.09	0.162	SLU_12	4.69	0.09	0.010
475	1	R60x40-5	SLU_04	52.92	0.09	0.182	SLU_04	-13.30	0.09	0.029
476	1	R60x40-5	SLU_04	-14.68	0.09	0.051	SLU_04	-13.40	0.09	0.029
477	1	R60x40-5	SLU_04	12.69	0.09	0.044	SLU_04	-11.53	0.09	0.025
478	1	R60x40-5	SLU_04	-50.14	0.09	0.173	SLU_12	-10.41	0.09	0.023
479	1	R60x40-5	SLU_04	46.70	0.09	0.161	SLU_09	-6.64	0.09	0.015
48	1	C50-4	SLU_12	-0.66	0.06	0.003	SLU_12	-8.64	0.06	0.035
480	1	R80x40-3	SLU_12	11.52	0.16	0.024	SLU_12	55.61	0.12	0.071
481	1	R80x40-5	SLU_06	0.42	0.13	0.001	SLU_12	-9.46	0.09	0.015
482	1	R60x40-5	SLU_04	-46.69	0.09	0.161	SLU_09	-6.59	0.09	0.014
483	1	R60x40-5	SLU_04	50.71	0.09	0.175	SLU_04	-10.56	0.09	0.023
484	1	R60x40-5	SLU_04	-10.83	0.09	0.037	SLU_04	-11.58	0.09	0.025
485	1	R60x40-5	SLU_04	16.90	0.09	0.058	SLU_12	-12.92	0.09	0.028
486	1	R60x40-6	SLU_04	-49.36	0.09	0.170	SLU_12	-12.94	0.09	0.028
487	1	R60x40-5	SLU_04	45.33	0.09	0.156	SLU_12	6.38	0.09	0.014
488	1	R60x40-5	SLU_04	-41.48	0.09	0.143	SLU_04	0.70	0.09	0.002
489	1	R60x40-5	SLU_04	42.34	0.09	0.146	SLU_12	-2.06	0.09	0.005
49	1	C50-4	SLU_07	-0.05	0.06	0.000	SLU_12	-6.55	0.06	0.026
490	1	R60x40-5	SLU_04	-10.19	0.09	0.035	SLU_12	-1.96	0.09	0.004
491	1	R60x40-5	SLU_04	10.89	0.09	0.038	SLU_12	-1.62	0.09	0.004
492	1	R60x40-5	SLU_04	-41.71	0.09	0.144	SLU_12	-1.68	0.09	0.004
493	1	R60x40-5	SLU_04	40.18	0.09	0.138	SLU_12	-1.42	0.09	0.003
494	1	R60x40-5	SLU_04	-40.30	0.09	0.139	SLU_06	-1.26	0.09	0.003
495	1	R60x40-5	SLU_04	42.14	0.09	0.145	SLU_12	-1.56	0.09	0.003
496	1	R60x40-5	SLU_04	-9.28	0.09	0.032	SLU_12	-1.51	0.09	0.003
497	1	R60x40-5	SLU_04	13.54	0.09	0.047	SLU_12	-1.78	0.09	0.004
498	1	R60x40-5	SLU_04	-39.51	0.09	0.136	SLU_12	-2.55	0.09	0.006
499	1	R60x40-7	SLU_04	39.72	0.08	0.164	SLU_12	2.13	0.12	0.004
5	1	R60x80-72	SLU_01	12.68	0.12	0.016	SLU_12	-1.10	0.12	0.002
50	1	C50-4	SLU_01	1.76	0.06	0.008	SLU_12	-8.02	0.06	0.032
500	1	R56x30-2	SLU_04	-12.37	0.12	0.048	SLU_12	4.91	0.08	0.014
501	1	R56x30-2	SLU_04	12.96	0.12	0.050	SLU_12	6.91	0.08	0.020
502	1	C50-4	SLU_04	-27.23	0.06	0.116	SLU_04	5.86	0.06	0.024
503	1	C50-4	SLU_04	27.35	0.06	0.117	SLU_04	5.86	0.06	0.024
504	1	C50-4	SLU_12	-2.34	0.06	0.010	SLU_04	-2.04	0.06	0.008
505	1	C50-4	SLU_12	2.60	0.06	0.011	SLU_04	-1.96	0.06	0.008
506	1	C50-4	SLU_04	-9.44	0.06	0.040	SLU_04	-7.60	0.06	0.031
507	1	C50-4	SLU_04	9.91	0.06	0.042	SLU_04	-7.50	0.06	0.030
508	1	C50-4	SLU_04	-9.41	0.06	0.040	SLU_12	1.34	0.06	0.005
509	1	C50-4	SLU_04	9.79	0.06	0.042	SLU_12	1.28	0.06	0.005
51	1	C50-4	SLU_01	-1.79	0.06	0.008	SLU_12	-8.07	0.06	0.032
510	1	C50-4	SLU_06	2.08	0.06	0.009	SLU_12	1.70	0.06	0.007
511	1	C50-4	SLU_06	-1.79	0.06	0.008	SLU_12	1.77	0.06	0.007
512	1	R60x40-5	SLU_04	44.60	0.09	0.154	SLU_12	5.90	0.09	0.013
513	1	R60x40-5	SLU_04	-8.41	0.09	0.029	SLU_04	-15.29	0.09	0.033
514	1	R60x40-5	SLU_04	2.04	0.09	0.007	SLU_04	-11.45	0.09	0.025
515	1	R60x40-5	SLU_04	-44.22	0.09	0.152	SLU_04	-15.80	0.09	0.035

516	1	R60x40-5	SLU_04	24.82	0.09	0.085	SLU_04	-11.62	0.09	0.025
517	1	R100x40-2	SLU_04	-25.90	0.16	0.053	SLU_12	18.39	0.12	0.019
518	1	R100x40-2	SLU_04	26.04	0.16	0.054	SLU_04	17.50	0.12	0.018
519	1	R60x40-5	SLU_04	-24.54	0.09	0.084	SLU_04	-11.76	0.09	0.026
52	1	C50-4	SLU_07	0.68	0.06	0.003	SLU_12	-8.70	0.06	0.035
520	1	R60x40-5	SLU_04	44.73	0.09	0.154	SLU_04	-16.49	0.09	0.036
521	1	R60x40-5	SLU_04	-1.17	0.09	0.004	SLU_12	-12.00	0.09	0.026
522	1	R60x40-5	SLU_04	8.53	0.09	0.029	SLU_04	-15.33	0.09	0.034
523	1	R60x40-5	SLU_04	-43.39	0.09	0.149	SLU_12	7.94	0.09	0.017
524	1	R60x40-5	SLU_04	-47.15	0.09	0.162	SLU_04	3.36	0.09	0.007
525	1	R60x40-5	SLU_04	52.86	0.09	0.182	SLU_04	-14.84	0.09	0.033
526	1	R60x40-5	SLU_04	-13.40	0.09	0.046	SLU_04	-13.40	0.09	0.029
527	1	R60x40-5	SLU_04	11.93	0.09	0.041	SLU_04	-10.50	0.09	0.023
528	1	R60x40-5	SLU_04	-51.50	0.09	0.177	SLU_12	-12.00	0.09	0.026
529	1	R60x40-5	SLU_04	48.34	0.09	0.166	SLU_12	-8.18	0.09	0.018
53	1	C50-4	SLU_01	1.64	0.06	0.007	SLU_01	-8.62	0.06	0.035
530	1	R80x40-3	SLU_12	13.17	0.16	0.027	SLU_12	54.36	0.12	0.070
531	1	R80x40-5	SLU_06	1.41	0.13	0.004	SLU_06	15.91	0.09	0.026
532	1	R60x40-5	SLU_04	-48.35	0.09	0.166	SLU_12	-8.26	0.09	0.018
533	1	R60x40-5	SLU_04	52.34	0.09	0.180	SLU_12	-12.65	0.09	0.028
534	1	R60x40-5	SLU_04	-10.23	0.09	0.035	SLU_12	-11.06	0.09	0.024
535	1	R60x40-5	SLU_04	16.85	0.09	0.058	SLU_12	-13.73	0.09	0.030
536	1	R60x40-6	SLU_04	-49.95	0.09	0.172	SLU_12	-13.77	0.09	0.030
537	1	R60x40-5	SLU_04	49.60	0.09	0.171	SLU_12	9.12	0.09	0.020
538	1	R60x40-5	SLU_04	-42.41	0.09	0.146	SLU_10	-0.53	0.09	0.001
539	1	R60x40-5	SLU_04	43.68	0.09	0.150	SLU_12	-3.75	0.09	0.008
54	1	C50-4	SLU_12	1.82	0.06	0.008	SLU_12	-7.05	0.06	0.028
540	1	R60x40-5	SLU_04	-9.34	0.09	0.032	SLU_12	-4.07	0.09	0.009
541	1	R60x40-5	SLU_04	10.21	0.09	0.035	SLU_12	-3.70	0.09	0.008
542	1	R60x40-5	SLU_04	-42.98	0.09	0.148	SLU_12	-3.16	0.09	0.007
543	1	R60x40-5	SLU_04	41.93	0.09	0.144	SLU_12	-2.02	0.09	0.004
544	1	R60x40-5	SLU_04	-41.80	0.09	0.144	SLU_12	-1.64	0.09	0.004
545	1	R60x40-5	SLU_04	43.84	0.09	0.151	SLU_12	-3.72	0.09	0.008
546	1	R60x40-5	SLU_04	-8.81	0.09	0.030	SLU_12	-4.17	0.09	0.009
547	1	R60x40-5	SLU_12	14.27	0.09	0.049	SLU_12	-8.46	0.09	0.019
548	1	R60x40-5	SLU_04	-40.94	0.09	0.141	SLU_12	-12.79	0.09	0.028
549	1	R60x40-7	SLU_12	43.80	0.08	0.181	SLU_12	-12.62	0.12	0.022
55	1	C50-4	SLU_12	1.79	0.06	0.008	SLU_01	-5.95	0.06	0.024
550	1	R56x30-2	SLU_04	-14.33	0.12	0.055	SLU_12	4.98	0.08	0.014
551	1	R56x30-2	SLU_04	15.48	0.12	0.060	SLU_12	6.81	0.08	0.019
552	1	C50-4	SLU_04	-28.00	0.06	0.120	SLU_04	4.99	0.06	0.020
553	1	C50-4	SLU_04	28.20	0.06	0.120	SLU_04	4.94	0.06	0.020
554	1	C50-4	SLU_06	-2.43	0.06	0.010	SLU_04	-2.83	0.06	0.011
555	1	C50-4	SLU_07	2.88	0.06	0.012	SLU_04	-2.76	0.06	0.011
556	1	C50-4	SLU_04	-9.10	0.06	0.039	SLU_04	-7.63	0.06	0.031
557	1	C50-4	SLU_04	9.43	0.06	0.040	SLU_04	-7.83	0.06	0.031
558	1	C50-4	SLU_04	-9.34	0.06	0.040	SLU_12	0.33	0.06	0.001
559	1	C50-4	SLU_04	9.61	0.06	0.041	SLU_12	0.47	0.06	0.002
56	1	C50-4	SLU_12	-0.51	0.06	0.002	SLU_01	-7.27	0.06	0.029

560	1	C50-4	SLU_12	3.92	0.06	0.017	SLU_12	0.87	0.06	0.003
561	1	C50-4	SLU_06	-3.52	0.06	0.015	SLU_12	1.11	0.06	0.004
562	1	R60x40-5	SLU_06	60.78	0.09	0.209	SLU_06	2.60	0.09	0.006
563	1	R60x40-5	SLU_06	-13.58	0.09	0.047	SLU_04	-21.18	0.09	0.046
564	1	R60x40-5	SLU_06	3.31	0.09	0.011	SLU_04	-14.75	0.09	0.032
565	1	R60x40-5	SLU_04	-48.09	0.09	0.166	SLU_04	-10.17	0.09	0.022
566	1	R60x40-5	SLU_12	27.33	0.09	0.094	SLU_09	-11.02	0.09	0.024
567	1	R100x40-2	SLU_06	-32.83	0.16	0.068	SLU_04	16.18	0.12	0.016
568	1	R100x40-2	SLU_12	33.93	0.16	0.070	SLU_12	17.51	0.12	0.018
569	1	R60x40-5	SLU_12	-29.05	0.09	0.100	SLU_12	-13.01	0.09	0.029
57	1	C50-4	SLU_01	2.62	0.06	0.011	SLU_01	-9.86	0.06	0.040
570	1	R60x40-5	SLU_12	49.56	0.09	0.171	SLU_12	-12.71	0.09	0.028
571	1	R60x40-5	SLU_12	-4.06	0.09	0.014	SLU_04	-14.68	0.09	0.032
572	1	R60x40-5	SLU_06	14.41	0.09	0.050	SLU_04	-19.30	0.09	0.042
573	1	R60x40-5	SLU_06	-59.01	0.09	0.203	SLU_06	5.95	0.09	0.013
574	1	R60x40-5	SLU_04	-51.14	0.09	0.176	SLU_06	4.16	0.09	0.009
575	1	R60x40-5	SLU_04	61.44	0.09	0.212	SLU_04	-12.97	0.09	0.028
576	1	R60x40-5	SLU_12	-17.19	0.09	0.059	SLU_10	-22.09	0.09	0.048
577	1	R60x40-5	SLU_12	14.50	0.09	0.050	SLU_10	-24.88	0.09	0.055
578	1	R60x40-5	SLU_09	-55.09	0.09	0.190	SLU_12	-9.11	0.09	0.020
579	1	R60x40-5	SLU_09	50.62	0.09	0.174	SLU_12	-6.26	0.09	0.014
58	1	C50-5	SLU_04	1.16	0.06	0.005	SLU_01	-0.17	0.06	0.001
580	1	R80x40-3	SLU_12	18.38	0.16	0.038	SLU_12	60.12	0.12	0.077
581	1	R80x40-5	SLU_01	-2.70	0.13	0.007	SLU_06	18.57	0.09	0.030
582	1	R60x40-5	SLU_12	-52.78	0.09	0.182	SLU_12	-8.74	0.09	0.019
583	1	R60x40-5	SLU_12	59.54	0.09	0.205	SLU_12	-12.18	0.09	0.027
584	1	R60x40-5	SLU_12	-20.74	0.09	0.071	SLU_12	-26.68	0.09	0.058
585	1	R60x40-5	SLU_12	34.02	0.09	0.117	SLU_12	-24.08	0.09	0.053
586	1	R60x40-6	SLU_12	-63.45	0.09	0.218	SLU_12	-25.18	0.09	0.055
587	1	R60x40-5	SLU_12	42.69	0.09	0.147	SLU_12	-6.10	0.09	0.013
588	1	R60x40-5	SLU_09	-43.71	0.09	0.151	SLU_12	3.50	0.09	0.008
589	1	R60x40-5	SLU_09	46.55	0.09	0.160	SLU_10	4.37	0.09	0.010
59	1	C50-3	SLU_01	2.86	0.06	0.012	SLU_01	1.19	0.06	0.005
590	1	R60x40-5	SLU_09	-10.45	0.09	0.036	SLU_10	5.76	0.09	0.013
591	1	R60x40-5	SLU_09	11.58	0.09	0.040	SLU_10	5.86	0.09	0.013
592	1	R60x40-5	SLU_09	-45.56	0.09	0.157	SLU_10	3.72	0.09	0.008
593	1	R60x40-5	SLU_09	43.35	0.09	0.149	SLU_12	-0.65	0.09	0.001
594	1	R60x40-5	SLU_12	-46.26	0.09	0.159	SLU_12	-2.19	0.09	0.005
595	1	R60x40-5	SLU_12	53.76	0.09	0.185	SLU_12	5.16	0.09	0.011
596	1	R60x40-5	SLU_12	-21.35	0.09	0.074	SLU_12	6.92	0.09	0.015
597	1	R60x40-5	SLU_12	33.05	0.09	0.114	SLU_12	16.00	0.09	0.035
598	1	R60x40-5	SLU_12	-53.67	0.09	0.185	SLU_12	27.26	0.09	0.060
599	1	R60x40-7	SLU_12	43.01	0.08	0.178	SLU_12	37.66	0.12	0.066
6	1	R100x50-2	SLU_01	5.26	0.16	0.008	SLU_06	-5.68	0.12	0.006
60	1	R60x80-72	SLU_01	41.98	0.12	0.054	SLU_01	-6.63	0.12	0.012
600	1	R56x30-2	SLU_06	-17.04	0.12	0.066	SLU_12	2.39	0.08	0.007
601	1	R56x30-2	SLU_06	18.31	0.12	0.071	SLU_12	7.33	0.08	0.021
602	1	C50-4	SLU_06	-39.68	0.06	0.170	SLU_04	6.64	0.06	0.027
603	1	C50-4	SLU_06	40.49	0.06	0.173	SLU_04	6.65	0.06	0.027

604	1	C50-4	SLU_12	-2.38	0.06	0.010	SLU_09	-5.65	0.06	0.023
605	1	C50-4	SLU_12	4.99	0.06	0.021	SLU_09	-5.70	0.06	0.023
606	1	C50-4	SLU_12	-13.63	0.06	0.058	SLU_06	-13.99	0.06	0.056
607	1	C50-4	SLU_12	15.57	0.06	0.066	SLU_06	-13.68	0.06	0.055
608	1	C50-4	SLU_04	-13.26	0.06	0.057	SLU_12	0.52	0.06	0.002
609	1	C50-4	SLU_12	14.44	0.06	0.062	SLU_12	1.18	0.06	0.005
61	1	R60x60-2	SLU_01	-20.07	0.09	0.044	SLU_04	-0.30	0.09	0.001
610	1	C50-4	SLU_12	4.77	0.06	0.020	SLU_08	0.82	0.06	0.003
611	1	C50-4	SLU_12	-4.55	0.06	0.019	SLU_12	1.71	0.06	0.007
615	1	R60x40-5	SLU_10	-52.93	0.09	0.182	SLU_10	-29.58	0.09	0.065
616	1	R60x40-5	SLU_12	34.04	0.09	0.117	SLU_09	-17.86	0.09	0.039
617	1	R100x40-2	SLU_12	-27.06	0.16	0.056	SLU_04	15.19	0.12	0.015
618	1	R100x40-2	SLU_12	28.08	0.16	0.058	SLU_12	19.37	0.12	0.020
619	1	R60x40-5	SLU_12	-32.08	0.09	0.110	SLU_12	-20.04	0.09	0.044
62	1	R60x60-2	SLU_01	16.59	0.09	0.036	SLU_12	0.52	0.09	0.001
620	1	R60x40-5	SLU_10	54.74	0.09	0.188	SLU_12	-30.43	0.09	0.067
624	1	R60x40-5	SLU_12	-59.88	0.09	0.206	SLU_04	2.64	0.09	0.006
625	1	R60x40-5	SLU_09	63.66	0.09	0.219	SLU_12	-6.22	0.09	0.014
626	1	R60x40-5	SLU_10	-24.38	0.09	0.084	SLU_10	47.08	0.09	0.103
627	1	R60x40-5	SLU_10	23.09	0.09	0.079	SLU_10	72.94	0.09	0.160
628	1	R60x40-5	SLU_09	-70.88	0.09	0.244	SLU_12	-16.49	0.09	0.036
629	1	R60x40-5	SLU_09	69.31	0.09	0.239	SLU_10	-15.34	0.09	0.034
63	1	R60x80-72	SLU_01	-54.69	0.12	0.070	SLU_01	-2.48	0.12	0.004
630	1	R80x40-3	SLU_12	14.45	0.16	0.030	SLU_12	39.82	0.12	0.051
631	1	R80x40-3	SLU_12	-14.16	0.16	0.029	SLU_12	34.49	0.12	0.044
632	1	R60x40-5	SLU_09	-68.71	0.09	0.237	SLU_12	-17.64	0.09	0.039
633	1	R60x40-5	SLU_12	76.23	0.09	0.262	SLU_12	-17.51	0.09	0.038
634	1	R60x40-5	SLU_12	-26.25	0.09	0.090	SLU_10	75.80	0.09	0.166
635	1	R60x40-5	SLU_12	38.31	0.09	0.132	SLU_10	50.19	0.09	0.110
636	1	R60x40-6	SLU_12	-35.79	0.09	0.123	SLU_12	-14.63	0.09	0.032
637	1	C50-6	SLU_12	37.17	0.06	0.158	SLU_12	-1.12	0.06	0.005
638	1	R60x40-5	SLU_09	-53.03	0.09	0.183	SLU_12	-5.00	0.09	0.011
639	1	R60x40-5	SLU_09	55.19	0.09	0.190	SLU_10	-9.84	0.09	0.022
64	1	R60x80-72	SLU_01	31.66	0.12	0.041	SLU_12	0.41	0.12	0.001
640	1	R60x40-5	SLU_10	-12.08	0.09	0.042	SLU_10	-12.01	0.09	0.026
641	1	R60x40-5	SLU_12	13.27	0.09	0.046	SLU_10	-11.31	0.09	0.025
642	1	R60x40-5	SLU_09	-54.87	0.09	0.189	SLU_10	-7.07	0.09	0.015
643	1	R60x40-5	SLU_09	54.63	0.09	0.188	SLU_06	-2.69	0.09	0.006
644	1	R60x40-5	SLU_09	-53.87	0.09	0.185	SLU_12	-4.35	0.09	0.010
645	1	R60x40-5	SLU_12	61.53	0.09	0.212	SLU_12	-8.20	0.09	0.018
646	1	R60x40-5	SLU_12	-19.37	0.09	0.067	SLU_12	-12.44	0.09	0.027
647	1	R60x40-5	SLU_12	28.74	0.09	0.099	SLU_12	-14.98	0.09	0.033
648	1	R60x40-5	SLU_12	-26.61	0.09	0.092	SLU_12	-20.29	0.09	0.044
649	1	R30x60-3	SLU_12	44.61	0.08	0.117	SLU_12	5.18	0.12	0.020
	2	R30x60-4	SLU_12	44.61	0.08	0.117	SLU_12	5.18	0.12	0.020
65	1	R100x50-2	SLU_01	17.70	0.16	0.028	SLU_06	-4.64	0.12	0.005
66	1	R80x40-5	SLU_07	-0.31	0.13	0.001	SLU_06	-21.35	0.09	0.034
67	1	R100x50-2	SLU_01	-17.85	0.16	0.029	SLU_06	-5.00	0.12	0.005
68	1	R60x80-72	SLU_01	-31.47	0.12	0.040	SLU_02	0.46	0.12	0.001

69	1	R60x80-72	SLU_01	52.95	0.12	0.068	SLU_01	-2.62	0.12	0.005
7	1	R80x40-5	SLU_12	0.03	0.13	0.000	SLU_06	-11.77	0.09	0.019
70	1	R60x60-2	SLU_01	-15.94	0.09	0.035	SLU_02	0.65	0.09	0.001
71	1	R60x60-2	SLU_01	20.52	0.09	0.045	SLU_04	-0.28	0.09	0.001
72	1	R60x80-72	SLU_01	-43.58	0.12	0.056	SLU_01	-6.82	0.12	0.012
725	1	R80x40-5	SLU_01	-4.87	0.13	0.013	SLU_04	13.28	0.09	0.021
73	1	R60x80-72	SLU_01	-37.70	0.12	0.048	SLU_01	33.80	0.12	0.059
74	1	R60x80-72	SLU_01	52.27	0.12	0.067	SLU_12	-0.43	0.12	0.001
75	1	R60x60-2	SLU_01	-18.95	0.09	0.042	SLU_12	-0.67	0.09	0.001
76	1	R60x60-2	SLU_01	18.89	0.09	0.041	SLU_12	0.68	0.09	0.001
77	1	R60x80-72	SLU_01	-52.04	0.12	0.067	SLU_12	0.98	0.12	0.002
78	1	R60x80-72	SLU_01	37.65	0.12	0.048	SLU_12	2.44	0.12	0.004
79	1	R80x40-4	SLU_12	-3.25	0.16	0.007	SLU_12	-38.44	0.12	0.049
8	2	R80x40-3	SLU_12	-3.25	0.16	0.007	SLU_12	-38.44	0.12	0.049
8	1	R100x50-2	SLU_01	-5.27	0.16	0.008	SLU_06	-5.65	0.12	0.006
80	1	R80x40-3	SLU_12	-6.79	0.16	0.014	SLU_12	65.48	0.12	0.084
81	1	R60x80-72	SLU_01	-33.61	0.12	0.043	SLU_12	2.19	0.12	0.004
82	1	R60x80-72	SLU_01	52.91	0.12	0.068	SLU_12	-0.65	0.12	0.001
83	1	R60x60-2	SLU_01	-19.62	0.09	0.043	SLU_04	-1.39	0.09	0.003
84	1	R60x60-2	SLU_01	19.79	0.09	0.043	SLU_12	-0.61	0.09	0.001
85	1	R60x80-72	SLU_01	-54.19	0.12	0.070	SLU_12	-0.20	0.12	0.000
86	1	R60x80-72	SLU_01	40.95	0.12	0.053	SLU_01	35.73	0.12	0.063
87	1	R60x80-72	SLU_01	-35.83	0.12	0.046	SLU_12	5.79	0.12	0.010
88	1	R60x80-72	SLU_01	55.40	0.12	0.071	SLU_12	4.54	0.12	0.008
89	1	R60x60-2	SLU_01	-20.23	0.09	0.044	SLU_12	4.42	0.09	0.010
9	1	R60x80-72	SLU_01	-12.65	0.12	0.016	SLU_12	-1.14	0.12	0.002
90	1	R60x60-2	SLU_01	20.41	0.09	0.045	SLU_12	4.52	0.09	0.010
91	1	R60x80-72	SLU_01	-56.05	0.12	0.072	SLU_12	4.99	0.12	0.009
92	1	R60x80-72	SLU_01	37.11	0.12	0.048	SLU_12	6.02	0.12	0.011
93	1	R60x80-72	SLU_01	-33.46	0.12	0.043	SLU_12	5.98	0.12	0.010
94	1	R60x80-72	SLU_01	57.65	0.12	0.074	SLU_12	5.14	0.12	0.009
95	1	R60x60-2	SLU_01	-21.43	0.09	0.047	SLU_01	3.16	0.09	0.007
96	1	R60x60-2	SLU_01	21.18	0.09	0.046	SLU_12	4.37	0.09	0.010
97	1	R60x80-72	SLU_01	-56.35	0.12	0.072	SLU_12	4.46	0.12	0.008
98	1	R60x80-73	SLU_01	37.25	0.08	0.072	SLU_12	5.30	0.12	0.009
982	1	R80x40-5	SLU_01	-22.86	0.13	0.059	SLU_12	19.77	0.09	0.032
983	1	R80x40-5	SLU_12	-37.36	0.13	0.096	SLU_04	20.85	0.09	0.033
99	1	C50-5	SLU_04	-6.68	0.06	0.029	SLU_12	1.03	0.06	0.005

SLU:VERIFICA A TAGLIO SETTI

Setto	Sezione	Quota [m]	Direzione 2			Direzione 3		
			Combinazione	V [kN]	D/C	Combinazione	V [kN]	D/C
	1B_1	-15.77	SLU_12	-0.02	0.000	SLU_12	-8.33	0.054
	1B_2	-15.77	SLU_12	-0.03	0.000	SLU_12	-5.98	0.020
	1B_3	-15.77	SLU_12	16.21	0.013	SLU_12	-0.27	0.001
	1B_4	-15.77	SLU_12	42.28	0.033	SLU_12	0.19	0.001
	1B_5	-15.77	SLU_12	0.21	0.001	SLU_12	-40.12	0.035
	1T_1	-11.27	SLU_12	-0.02	0.000	SLU_12	-8.33	0.054
	1T_2	-11.27	SLU_12	-0.03	0.000	SLU_12	-5.98	0.020
	1T_3	-11.27	SLU_12	16.21	0.013	SLU_12	-0.27	0.001
	1T_4	-11.27	SLU_12	42.28	0.033	SLU_12	0.19	0.001
	1T_5	-11.27	SLU_12	0.21	0.001	SLU_12	-40.12	0.035
	2B_1	-11.27	SLU_12	0.03	0.001	SLU_12	11.39	0.074
	2B_2	-11.27	SLU_12	0.08	0.001	SLU_12	9.43	0.032
	2B_3	-11.27	SLU_12	-25.71	0.020	SLU_12	0.14	0.000
	2B_4	-11.27	SLU_12	33.95	0.027	SLU_12	0.15	0.000
	2B_5	-11.27	SLU_10	-0.19	0.001	SLU_12	-42.51	0.037
	2T_1	-7.87	SLU_12	0.03	0.001	SLU_12	11.39	0.074
	2T_2	-7.87	SLU_12	0.08	0.001	SLU_12	9.43	0.032
	2T_3	-7.87	SLU_12	-25.71	0.020	SLU_12	0.14	0.000
	2T_4	-7.87	SLU_12	33.95	0.027	SLU_12	0.15	0.000
	2T_5	-7.87	SLU_10	-0.19	0.001	SLU_12	-42.51	0.037
	3B_1	-7.87	SLU_12	-0.05	0.001	SLU_12	-14.64	0.098
	3B_2	-7.87	SLU_12	-0.13	0.002	SLU_12	-22.53	0.078
	3B_3	-7.87	SLU_12	72.67	0.058	SLU_12	-0.17	0.000
	3B_4	-7.87	SLU_12	71.29	0.057	SLU_12	-0.20	0.001
	3B_5	-7.87	SLU_04	0.22	0.001	SLU_12	-92.00	0.081
	3T_1	-4.45	SLU_12	-0.05	0.001	SLU_12	-14.64	0.098
	3T_2	-4.45	SLU_12	-0.13	0.002	SLU_12	-22.53	0.078
	3T_3	-4.45	SLU_12	72.67	0.058	SLU_12	-0.17	0.000
	3T_4	-4.45	SLU_12	71.29	0.057	SLU_12	-0.20	0.001
	3T_5	-4.45	SLU_04	0.22	0.001	SLU_12	-92.00	0.081
	4B_1	-4.45	SLU_12	0.04	0.001	SLU_12	14.81	0.096
	4B_2	-4.45	SLU_12	0.11	0.001	SLU_12	-30.11	0.102
	4B_3	-4.45	SLU_12	59.83	0.048	SLU_12	1.26	0.004
	4B_4	-4.45	SLU_12	32.01	0.026	SLU_12	1.37	0.004
	4B_5	-4.45	SLU_12	0.05	0.000	SLU_12	199.83	0.177
	4T_1	0	SLU_12	0.04	0.001	SLU_12	14.81	0.096
	4T_2	0	SLU_12	0.11	0.001	SLU_12	-30.11	0.102
	4T_3	0	SLU_12	59.83	0.048	SLU_12	1.26	0.004
	4T_4	0	SLU_12	32.01	0.026	SLU_12	1.37	0.004
	4T_5	0	SLU_12	0.05	0.000	SLU_12	199.83	0.177
	5B_1	0	SLU_12	-0.08	0.002	SLU_12	-13.37	0.086
	5B_2	0	SLU_12	-0.17	0.002	SLU_12	-32.18	0.108
	5B_3	0	SLU_12	-149.71	0.119	SLU_12	-1.77	0.005
	5B_4	0	SLU_12	-136.30	0.108	SLU_12	-2.18	0.006
	5B_5	0	SLU_12	0.18	0.001	SLU_12	-454.14	0.404
	5T_1	4.75	SLU_12	-0.08	0.002	SLU_12	-13.37	0.086
	5T_2	4.75	SLU_12	-0.17	0.002	SLU_12	-32.18	0.108

W-ASC-DX	5T_3	4.75	SLU_12	-149.71	0.119	SLU_12	-1.77	0.005
	5T_4	4.75	SLU_12	-136.30	0.108	SLU_12	-2.18	0.006
	5T_5	4.75	SLU_12	0.18	0.001	SLU_12	-454.14	0.404
	6B_1	4.75	SLU_12	0.04	0.001	SLU_12	15.25	0.099
	6B_2	4.75	SLU_12	0.05	0.001	SLU_12	29.57	0.101
	6B_3	4.75	SLU_12	-40.57	0.033	SLU_12	0.80	0.002
	6B_4	4.75	SLU_12	-70.29	0.056	SLU_12	0.77	0.002
	6B_5	4.75	SLU_12	-0.57	0.002	SLU_12	-18.86	0.017
	6T_1	8.16	SLU_12	0.04	0.001	SLU_12	15.25	0.099
	6T_2	8.16	SLU_12	0.05	0.001	SLU_12	29.57	0.101
	6T_3	8.16	SLU_12	-40.57	0.033	SLU_12	0.80	0.002
	6T_4	8.16	SLU_12	-70.29	0.056	SLU_12	0.77	0.002
	6T_5	8.16	SLU_12	-0.57	0.002	SLU_12	-18.86	0.017
	7B_1	8.16	SLU_12	-0.08	0.002	SLU_12	-9.33	0.062
	7B_2	8.16	SLU_12	-0.21	0.002	SLU_12	9.48	0.032
	7B_3	8.16	SLU_12	-40.55	0.033	SLU_12	0.43	0.001
	7B_4	8.16	SLU_12	-28.95	0.023	SLU_12	0.34	0.001
	7B_5	8.16	SLU_10	0.35	0.001	SLU_12	-78.70	0.070
	7T_1	11.57	SLU_12	-0.08	0.002	SLU_12	-9.33	0.062
	7T_2	11.57	SLU_12	-0.21	0.002	SLU_12	9.48	0.032
	7T_3	11.57	SLU_12	-40.55	0.033	SLU_12	0.43	0.001
	7T_4	11.57	SLU_12	-28.95	0.023	SLU_12	0.34	0.001
	7T_5	11.57	SLU_10	0.35	0.001	SLU_12	-78.70	0.070
	8B_1	11.57	SLU_12	0.07	0.002	SLU_12	5.39	0.035
	8B_2	11.57	SLU_12	0.13	0.001	SLU_12	4.56	0.016
	8B_3	11.57	SLU_12	-35.38	0.028	SLU_12	-0.10	0.000
	8B_4	11.57	SLU_12	-34.21	0.027	SLU_12	-0.10	0.000
	8B_5	11.57	SLU_12	-0.58	0.002	SLU_12	-58.41	0.052
	8T_1	14.98	SLU_12	0.07	0.002	SLU_12	5.39	0.035
	8T_2	14.98	SLU_12	0.13	0.001	SLU_12	4.56	0.016
	8T_3	14.98	SLU_12	-35.38	0.028	SLU_12	-0.10	0.000
	8T_4	14.98	SLU_12	-34.21	0.027	SLU_12	-0.10	0.000
	8T_5	14.98	SLU_12	-0.58	0.002	SLU_12	-58.41	0.052
	9B_1	14.98	SLU_12	-0.09	0.002	SLU_12	-3.86	0.026
	9B_2	14.98	SLU_12	-0.16	0.002	SLU_12	1.41	0.005
	9B_3	14.98	SLU_12	-25.74	0.021	SLU_12	0.29	0.001
	9B_4	14.98	SLU_12	-32.48	0.026	SLU_12	-0.31	0.001
	9B_5	14.98	SLU_12	0.69	0.002	SLU_12	-40.50	0.036
	9T_1	18.4	SLU_12	-0.09	0.002	SLU_12	-3.86	0.026
	9T_2	18.4	SLU_12	-0.16	0.002	SLU_12	1.41	0.005
9T_3	18.4	SLU_12	-25.74	0.021	SLU_12	0.29	0.001	
9T_4	18.4	SLU_12	-32.48	0.026	SLU_12	-0.31	0.001	
9T_5	18.4	SLU_12	0.69	0.002	SLU_12	-40.50	0.036	
10B_1	18.4	SLU_12	0.11	0.003	SLU_12	-0.92	0.006	
10B_2	18.4	SLU_12	0.22	0.003	SLU_12	2.66	0.009	
10B_3	18.4	SLU_12	-12.80	0.010	SLU_12	-0.24	0.001	
10B_4	18.4	SLU_12	-36.87	0.029	SLU_12	0.28	0.001	
10B_5	18.4	SLU_10	-0.88	0.003	SLU_12	25.70	0.023	
10T_1	21.8	SLU_12	0.11	0.003	SLU_12	-0.92	0.006	

10T_2	21.8	SLU_12	0.22	0.003	SLU_12	2.66	0.009
10T_3	21.8	SLU_12	-12.80	0.010	SLU_12	-0.24	0.001
10T_4	21.8	SLU_12	-36.87	0.029	SLU_12	0.28	0.001
10T_5	21.8	SLU_10	-0.88	0.003	SLU_12	25.70	0.023
11B_1	21.8	SLU_10	-0.16	0.004	SLU_12	-0.22	0.001
11B_2	21.8	SLU_12	-0.30	0.004	SLU_12	4.52	0.016
11B_3	21.8	SLU_12	-8.48	0.007	SLU_12	0.74	0.002
11B_4	21.8	SLU_12	-46.84	0.037	SLU_12	-1.14	0.003
11B_5	21.8	SLU_12	1.35	0.004	SLU_12	68.50	0.061
11T_1	25.2	SLU_10	-0.16	0.004	SLU_12	-0.22	0.001
11T_2	25.2	SLU_12	-0.30	0.004	SLU_12	4.52	0.016
11T_3	25.2	SLU_12	-8.48	0.007	SLU_12	0.74	0.002
11T_4	25.2	SLU_12	-46.84	0.037	SLU_12	-1.14	0.003
11T_5	25.2	SLU_12	1.35	0.004	SLU_12	68.50	0.061
12B_1	25.2	SLU_12	0.13	0.003	SLU_12	-0.56	0.004
12B_2	25.2	SLU_10	0.19	0.002	SLU_12	4.31	0.015
12B_3	25.2	SLU_12	-43.47	0.035	SLU_10	-1.25	0.004
12B_4	25.2	SLU_12	-43.34	0.035	SLU_12	1.79	0.005
12B_5	25.2	SLU_12	-1.78	0.006	SLU_12	28.92	0.026
12T_1	28.7	SLU_12	0.13	0.003	SLU_12	-0.56	0.004
12T_2	28.7	SLU_10	0.19	0.002	SLU_12	4.31	0.015
12T_3	28.7	SLU_12	-43.47	0.035	SLU_10	-1.25	0.004
12T_4	28.7	SLU_12	-43.34	0.035	SLU_12	1.79	0.005
12T_5	28.7	SLU_12	-1.78	0.006	SLU_12	28.92	0.026
1B_1	-15.77	SLU_12	-0.02	0.000	SLU_12	0.95	0.003
1B_2	-15.77	SLU_12	-0.02	0.000	SLU_04	-1.44	0.005
1B_3	-15.77	SLU_12	28.17	0.022	SLU_06	0.04	0.000
1B_4	-15.77	SLU_12	30.60	0.024	SLU_12	-0.06	0.000
1B_5	-15.77	SLU_12	0.46	0.001	SLU_04	4.31	0.002
1T_1	-11.27	SLU_12	-0.02	0.000	SLU_12	0.95	0.003
1T_2	-11.27	SLU_12	-0.02	0.000	SLU_04	-1.44	0.005
1T_3	-11.27	SLU_12	28.17	0.022	SLU_06	0.04	0.000
1T_4	-11.27	SLU_12	30.60	0.024	SLU_12	-0.06	0.000
1T_5	-11.27	SLU_12	0.46	0.001	SLU_04	4.31	0.002
2B_1	-11.27	SLU_12	0.07	0.001	SLU_01	0.50	0.002
2B_2	-11.27	SLU_04	0.07	0.001	SLU_12	0.39	0.001
2B_3	-11.27	SLU_12	6.47	0.005	SLU_12	-0.06	0.000
2B_4	-11.27	SLU_04	8.71	0.007	SLU_12	0.11	0.000
2B_5	-11.27	SLU_10	-0.29	0.000	SLU_12	7.34	0.003
2T_1	-7.87	SLU_12	0.07	0.001	SLU_01	0.50	0.002
2T_2	-7.87	SLU_04	0.07	0.001	SLU_12	0.39	0.001
2T_3	-7.87	SLU_12	6.47	0.005	SLU_12	-0.06	0.000
2T_4	-7.87	SLU_04	8.71	0.007	SLU_12	0.11	0.000
2T_5	-7.87	SLU_10	-0.29	0.000	SLU_12	7.34	0.003
3B_1	-7.87	SLU_12	-0.07	0.001	SLU_12	-0.48	0.002
3B_2	-7.87	SLU_12	-0.08	0.001	SLU_12	-1.06	0.004
3B_3	-7.87	SLU_12	21.31	0.017	SLU_12	-0.08	0.000
3B_4	-7.87	SLU_12	19.40	0.015	SLU_12	0.04	0.000
3B_5	-7.87	SLU_12	0.45	0.001	SLU_12	2.25	0.001

3T_1	-4.45	SLU_12	-0.07	0.001	SLU_12	-0.48	0.002
3T_2	-4.45	SLU_12	-0.08	0.001	SLU_12	-1.06	0.004
3T_3	-4.45	SLU_12	21.31	0.017	SLU_12	-0.08	0.000
3T_4	-4.45	SLU_12	19.40	0.015	SLU_12	0.04	0.000
3T_5	-4.45	SLU_12	0.45	0.001	SLU_12	2.25	0.001
4B_1	-4.45	SLU_12	0.10	0.001	SLU_12	2.69	0.010
4B_2	-4.45	SLU_12	0.10	0.001	SLU_04	-2.59	0.009
4B_3	-4.45	SLU_12	50.33	0.039	SLU_12	-0.08	0.000
4B_4	-4.45	SLU_12	52.41	0.041	SLU_12	0.09	0.000
4B_5	-4.45	SLU_12	-0.22	0.000	SLU_12	-5.37	0.002
4T_1	0	SLU_12	0.10	0.001	SLU_12	2.69	0.010
4T_2	0	SLU_12	0.10	0.001	SLU_04	-2.59	0.009
4T_3	0	SLU_12	50.33	0.039	SLU_12	-0.08	0.000
4T_4	0	SLU_12	52.41	0.041	SLU_12	0.09	0.000
4T_5	0	SLU_12	-0.22	0.000	SLU_12	-5.37	0.002
5B_1	0	SLU_12	-0.11	0.001	SLU_12	-3.30	0.012
5B_2	0	SLU_12	-0.10	0.001	SLU_12	3.03	0.011
5B_3	0	SLU_12	75.66	0.059	SLU_12	-0.02	0.000
5B_4	0	SLU_12	71.73	0.056	SLU_12	0.02	0.000
5B_5	0	SLU_12	0.84	0.001	SLU_12	9.32	0.004
5T_1	4.75	SLU_12	-0.11	0.001	SLU_12	-3.30	0.012
5T_2	4.75	SLU_12	-0.10	0.001	SLU_12	3.03	0.011
5T_3	4.75	SLU_12	75.66	0.059	SLU_12	-0.02	0.000
5T_4	4.75	SLU_12	71.73	0.056	SLU_12	0.02	0.000
5T_5	4.75	SLU_12	0.84	0.001	SLU_12	9.32	0.004
6B_1	4.75	SLU_12	0.10	0.001	SLU_12	0.74	0.003
6B_2	4.75	SLU_12	0.10	0.001	SLU_12	-1.03	0.004
6B_3	4.75	SLU_12	-24.79	0.019	SLU_12	-0.08	0.000
6B_4	4.75	SLU_06	-19.11	0.015	SLU_12	0.09	0.000
6B_5	4.75	SLU_12	-0.73	0.001	SLU_12	-14.54	0.006
6T_1	8.16	SLU_12	0.10	0.001	SLU_12	0.74	0.003
6T_2	8.16	SLU_12	0.10	0.001	SLU_12	-1.03	0.004
6T_3	8.16	SLU_12	-24.79	0.019	SLU_12	-0.08	0.000
6T_4	8.16	SLU_06	-19.11	0.015	SLU_12	0.09	0.000
6T_5	8.16	SLU_12	-0.73	0.001	SLU_12	-14.54	0.006
7B_1	8.16	SLU_12	-0.21	0.003	SLU_12	-4.25	0.015
7B_2	8.16	SLU_12	-0.22	0.003	SLU_12	4.84	0.018
7B_3	8.16	SLU_12	-48.85	0.038	SLU_12	0.12	0.000
7B_4	8.16	SLU_12	-56.46	0.044	SLU_12	-0.21	0.001
7B_5	8.16	SLU_12	0.53	0.001	SLU_12	-19.22	0.008
7T_1	11.57	SLU_12	-0.21	0.003	SLU_12	-4.25	0.015
7T_2	11.57	SLU_12	-0.22	0.003	SLU_12	4.84	0.018
7T_3	11.57	SLU_12	-48.85	0.038	SLU_12	0.12	0.000
7T_4	11.57	SLU_12	-56.46	0.044	SLU_12	-0.21	0.001
7T_5	11.57	SLU_12	0.53	0.001	SLU_12	-19.22	0.008
8B_1	11.57	SLU_12	0.21	0.003	SLU_12	1.33	0.005
8B_2	11.57	SLU_10	0.21	0.002	SLU_12	-1.36	0.005
8B_3	11.57	SLU_12	-24.56	0.019	SLU_06	-0.16	0.000
8B_4	11.57	SLU_12	-29.65	0.023	SLU_06	0.20	0.001

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8B_5	11.57	SLU_12	-0.89	0.001	SLU_12	-17.73	0.007
8T_1	14.98	SLU_12	0.21	0.003	SLU_12	1.33	0.005
8T_2	14.98	SLU_10	0.21	0.002	SLU_12	-1.36	0.005
8T_3	14.98	SLU_12	-24.56	0.019	SLU_06	-0.16	0.000
8T_4	14.98	SLU_12	-29.65	0.023	SLU_06	0.20	0.001
8T_5	14.98	SLU_12	-0.89	0.001	SLU_12	-17.73	0.007
9B_1	14.98	SLU_10	-0.31	0.004	SLU_06	-5.43	0.020
9B_2	14.98	SLU_12	-0.32	0.004	SLU_12	6.33	0.023
9B_3	14.98	SLU_12	-16.52	0.013	SLU_06	0.28	0.001
9B_4	14.98	SLU_12	-15.30	0.012	SLU_12	-0.37	0.001
9B_5	14.98	SLU_10	0.98	0.002	SLU_12	-1.80	0.001
9T_1	18.4	SLU_10	-0.31	0.004	SLU_06	-5.43	0.020
9T_2	18.4	SLU_12	-0.32	0.004	SLU_12	6.33	0.023
9T_3	18.4	SLU_12	-16.52	0.013	SLU_06	0.28	0.001
9T_4	18.4	SLU_12	-15.30	0.012	SLU_12	-0.37	0.001
9T_5	18.4	SLU_10	0.98	0.002	SLU_12	-1.80	0.001
10B_1	18.4	SLU_10	0.31	0.004	SLU_06	8.24	0.030
10B_2	18.4	SLU_12	0.33	0.004	SLU_12	-11.09	0.041
10B_3	18.4	SLU_04	-11.12	0.009	SLU_06	-0.62	0.002
10B_4	18.4	SLU_12	-20.51	0.016	SLU_06	0.64	0.002
10B_5	18.4	SLU_10	-1.39	0.002	SLU_12	40.15	0.016
10T_1	21.8	SLU_10	0.31	0.004	SLU_06	8.24	0.030
10T_2	21.8	SLU_12	0.33	0.004	SLU_12	-11.09	0.041
10T_3	21.8	SLU_04	-11.12	0.009	SLU_06	-0.62	0.002
10T_4	21.8	SLU_12	-20.51	0.016	SLU_06	0.64	0.002
10T_5	21.8	SLU_10	-1.39	0.002	SLU_12	40.15	0.016
11B_1	21.8	SLU_12	-0.90	0.012	SLU_06	-18.79	0.070
11B_2	21.8	SLU_04	-0.86	0.012	SLU_12	24.21	0.090
11B_3	21.8	SLU_12	-16.28	0.013	SLU_06	1.01	0.003
11B_4	21.8	SLU_12	-27.55	0.022	SLU_12	-1.18	0.003
11B_5	21.8	SLU_12	1.84	0.003	SLU_12	52.91	0.022
11T_1	25.2	SLU_12	-0.90	0.012	SLU_06	-18.79	0.070
11T_2	25.2	SLU_04	-0.86	0.012	SLU_12	24.21	0.090
11T_3	25.2	SLU_12	-16.28	0.013	SLU_06	1.01	0.003
11T_4	25.2	SLU_12	-27.55	0.022	SLU_12	-1.18	0.003
11T_5	25.2	SLU_12	1.84	0.003	SLU_12	52.91	0.022
12B_1	25.2	SLU_09	-0.79	0.009	SLU_06	35.53	0.128
12B_2	25.2	SLU_12	-0.90	0.010	SLU_12	-39.07	0.140
12B_3	25.2	SLU_12	73.15	0.059	SLU_06	-1.88	0.006
12B_4	25.2	SLU_12	65.83	0.053	SLU_06	1.83	0.006
12B_5	25.2	SLU_12	-1.87	0.003	SLU_12	-28.37	0.012
12T_1	28.7	SLU_09	-0.79	0.009	SLU_06	35.53	0.128
12T_2	28.7	SLU_12	-0.90	0.010	SLU_12	-39.07	0.140
12T_3	28.7	SLU_12	73.15	0.059	SLU_06	-1.88	0.006
12T_4	28.7	SLU_12	65.83	0.053	SLU_06	1.83	0.006
12T_5	28.7	SLU_12	-1.87	0.003	SLU_12	-28.37	0.012
1B	-15.77	SLU_06	3.68	0.016	SLU_12	-0.95	0.002
1T	-11.27	SLU_06	3.68	0.016	SLU_12	-0.95	0.002
2B	-11.27	SLU_06	7.82	0.035	SLU_12	1.77	0.003

	2T	-7.87	SLU_06	7.82	0.035	SLU_12	1.77	0.003
	3B	-7.87	SLU_02	3.11	0.014	SLU_12	-2.13	0.004
	3T	-4.45	SLU_02	3.11	0.014	SLU_12	-2.13	0.004
	4B	-4.45	SLU_03	3.74	0.018	SLU_12	1.00	0.002
	4T	0	SLU_03	3.74	0.018	SLU_12	1.00	0.002
	5B	0	SLU_12	-0.71	0.004	SLU_12	0.76	0.001
	5T	4.75	SLU_12	-0.71	0.004	SLU_12	0.76	0.001
	6B	4.75	SLU_12	1.14	0.006	SLU_12	-0.71	0.001
	6T	8.16	SLU_12	1.14	0.006	SLU_12	-0.71	0.001
W-ASC-MID-2	7B	8.16	SLU_04	8.00	0.044	SLU_12	0.35	0.001
	7T	11.57	SLU_04	8.00	0.044	SLU_12	0.35	0.001
	8B	11.57	SLU_04	5.89	0.035	SLU_12	-0.56	0.001
	8T	14.98	SLU_04	5.89	0.035	SLU_12	-0.56	0.001
	9B	14.98	SLU_04	5.99	0.038	SLU_12	1.10	0.002
	9T	18.4	SLU_04	5.99	0.038	SLU_12	1.10	0.002
	10B	18.4	SLU_04	5.81	0.039	SLU_12	-4.36	0.008
	10T	21.8	SLU_04	5.81	0.039	SLU_12	-4.36	0.008
	11B	21.8	SLU_09	7.11	0.051	SLU_12	9.93	0.019
	11T	25.2	SLU_09	7.11	0.051	SLU_12	9.93	0.019
	12B	25.2	SLU_10	9.62	0.069	SLU_12	-8.59	0.016
	12T	28.7	SLU_10	9.62	0.069	SLU_12	-8.59	0.016
	1B_1	-15.77	SLU_12	-0.03	0.000	SLU_12	6.02	0.021
	1B_2	-15.77	SLU_12	-0.02	0.000	SLU_12	8.42	0.055
	1B_3	-15.77	SLU_12	0.21	0.001	SLU_12	42.11	0.036
	1B_4	-15.77	SLU_12	43.62	0.034	SLU_12	-0.19	0.001
	1B_5	-15.77	SLU_12	15.83	0.012	SLU_12	0.27	0.001
	1T_1	-11.27	SLU_12	-0.03	0.000	SLU_12	6.02	0.021
	1T_2	-11.27	SLU_12	-0.02	0.000	SLU_12	8.42	0.055
	1T_3	-11.27	SLU_12	0.21	0.001	SLU_12	42.11	0.036
	1T_4	-11.27	SLU_12	43.62	0.034	SLU_12	-0.19	0.001
	1T_5	-11.27	SLU_12	15.83	0.012	SLU_12	0.27	0.001
	2B_1	-11.27	SLU_12	0.08	0.001	SLU_12	-9.48	0.032
	2B_2	-11.27	SLU_12	0.03	0.001	SLU_12	-11.54	0.075
	2B_3	-11.27	SLU_10	-0.19	0.001	SLU_12	43.94	0.038
	2B_4	-11.27	SLU_12	34.85	0.027	SLU_12	0.16	0.000
	2B_5	-11.27	SLU_12	-26.58	0.021	SLU_12	-0.14	0.000
	2T_1	-7.87	SLU_12	0.08	0.001	SLU_12	-9.48	0.032
	2T_2	-7.87	SLU_12	0.03	0.001	SLU_12	-11.54	0.075
	2T_3	-7.87	SLU_10	-0.19	0.001	SLU_12	43.94	0.038
	2T_4	-7.87	SLU_12	34.85	0.027	SLU_12	0.16	0.000
	2T_5	-7.87	SLU_12	-26.58	0.021	SLU_12	-0.14	0.000
	3B_1	-7.87	SLU_12	-0.13	0.002	SLU_12	22.62	0.079
	3B_2	-7.87	SLU_12	-0.05	0.001	SLU_12	14.81	0.099
	3B_3	-7.87	SLU_04	0.21	0.001	SLU_12	93.14	0.082
	3B_4	-7.87	SLU_12	72.17	0.057	SLU_12	0.20	0.001
	3B_5	-7.87	SLU_12	73.00	0.058	SLU_12	0.17	0.001
	3T_1	-4.45	SLU_12	-0.13	0.002	SLU_12	22.62	0.079
	3T_2	-4.45	SLU_12	-0.05	0.001	SLU_12	14.81	0.099
	3T_3	-4.45	SLU_04	0.21	0.001	SLU_12	93.14	0.082

	3T_4	-4.45	SLU_12	72.17	0.057	SLU_12	0.20	0.001
	3T_5	-4.45	SLU_12	73.00	0.058	SLU_12	0.17	0.001
	4B_1	-4.45	SLU_12	0.11	0.001	SLU_12	30.23	0.102
	4B_2	-4.45	SLU_12	0.04	0.001	SLU_12	-15.00	0.097
	4B_3	-4.45	SLU_12	0.05	0.000	SLU_12	-200.83	0.178
	4B_4	-4.45	SLU_12	33.12	0.027	SLU_12	-1.37	0.004
	4B_5	-4.45	SLU_12	61.25	0.049	SLU_12	-1.26	0.004
	4T_1	0	SLU_12	0.11	0.001	SLU_12	30.23	0.102
	4T_2	0	SLU_12	0.04	0.001	SLU_12	-15.00	0.097
	4T_3	0	SLU_12	0.05	0.000	SLU_12	-200.83	0.178
	4T_4	0	SLU_12	33.12	0.027	SLU_12	-1.37	0.004
	4T_5	0	SLU_12	61.25	0.049	SLU_12	-1.26	0.004
	5B_1	0	SLU_12	-0.17	0.002	SLU_12	32.34	0.108
	5B_2	0	SLU_12	-0.08	0.002	SLU_12	13.57	0.087
	5B_3	0	SLU_12	0.18	0.001	SLU_12	454.35	0.405
	5B_4	0	SLU_12	-135.61	0.108	SLU_12	2.17	0.006
	5B_5	0	SLU_12	-148.55	0.118	SLU_12	1.77	0.005
	5T_1	4.75	SLU_12	-0.17	0.002	SLU_12	32.34	0.108
	5T_2	4.75	SLU_12	-0.08	0.002	SLU_12	13.57	0.087
	5T_3	4.75	SLU_12	0.18	0.001	SLU_12	454.35	0.405
	5T_4	4.75	SLU_12	-135.61	0.108	SLU_12	2.17	0.006
	5T_5	4.75	SLU_12	-148.55	0.118	SLU_12	1.77	0.005
	6B_1	4.75	SLU_12	0.05	0.001	SLU_12	-29.64	0.102
	6B_2	4.75	SLU_12	0.04	0.001	SLU_12	-15.59	0.102
	6B_3	4.75	SLU_12	-0.57	0.002	SLU_12	17.57	0.016
	6B_4	4.75	SLU_12	-69.93	0.056	SLU_12	-0.76	0.002
	6B_5	4.75	SLU_12	-39.96	0.032	SLU_12	-0.80	0.002
	6T_1	8.16	SLU_12	0.05	0.001	SLU_12	-29.64	0.102
	6T_2	8.16	SLU_12	0.04	0.001	SLU_12	-15.59	0.102
	6T_3	8.16	SLU_12	-0.57	0.002	SLU_12	17.57	0.016
	6T_4	8.16	SLU_12	-69.93	0.056	SLU_12	-0.76	0.002
	6T_5	8.16	SLU_12	-39.96	0.032	SLU_12	-0.80	0.002
W-ASC-SX	7B_1	8.16	SLU_12	-0.21	0.002	SLU_12	-9.70	0.033
	7B_2	8.16	SLU_12	-0.08	0.002	SLU_12	9.80	0.065
	7B_3	8.16	SLU_10	0.36	0.001	SLU_12	80.01	0.071
	7B_4	8.16	SLU_12	-30.46	0.024	SLU_12	-0.37	0.001
	7B_5	8.16	SLU_12	-41.27	0.033	SLU_12	-0.44	0.001
	7T_1	11.57	SLU_12	-0.21	0.002	SLU_12	-9.70	0.033
	7T_2	11.57	SLU_12	-0.08	0.002	SLU_12	9.80	0.065
	7T_3	11.57	SLU_10	0.36	0.001	SLU_12	80.01	0.071
	7T_4	11.57	SLU_12	-30.46	0.024	SLU_12	-0.37	0.001
	7T_5	11.57	SLU_12	-41.27	0.033	SLU_12	-0.44	0.001
	8B_1	11.57	SLU_12	0.13	0.002	SLU_12	-4.84	0.016
	8B_2	11.57	SLU_12	0.07	0.002	SLU_12	-6.00	0.039
	8B_3	11.57	SLU_12	-0.58	0.002	SLU_12	60.63	0.054
	8B_4	11.57	SLU_12	-35.46	0.028	SLU_12	0.12	0.000
	8B_5	11.57	SLU_12	-36.71	0.029	SLU_12	0.10	0.000
	8T_1	14.98	SLU_12	0.13	0.002	SLU_12	-4.84	0.016
	8T_2	14.98	SLU_12	0.07	0.002	SLU_12	-6.00	0.039

8T_3	14.98	SLU_12	-0.58	0.002	SLU_12	60.63	0.054
8T_4	14.98	SLU_12	-35.46	0.028	SLU_12	0.12	0.000
8T_5	14.98	SLU_12	-36.71	0.029	SLU_12	0.10	0.000
9B_1	14.98	SLU_12	-0.17	0.002	SLU_12	-2.52	0.009
9B_2	14.98	SLU_12	-0.09	0.002	SLU_12	4.73	0.032
9B_3	14.98	SLU_12	0.69	0.002	SLU_12	47.02	0.042
9B_4	14.98	SLU_12	-33.77	0.027	SLU_12	0.27	0.001
9B_5	14.98	SLU_12	-28.35	0.023	SLU_12	-0.28	0.001
9T_1	18.4	SLU_12	-0.17	0.002	SLU_12	-2.52	0.009
9T_2	18.4	SLU_12	-0.09	0.002	SLU_12	4.73	0.032
9T_3	18.4	SLU_12	0.69	0.002	SLU_12	47.02	0.042
9T_4	18.4	SLU_12	-33.77	0.027	SLU_12	0.27	0.001
9T_5	18.4	SLU_12	-28.35	0.023	SLU_12	-0.28	0.001
10B_1	18.4	SLU_12	0.22	0.003	SLU_12	-2.36	0.008
10B_2	18.4	SLU_12	0.12	0.003	SLU_12	2.10	0.014
10B_3	18.4	SLU_10	-0.90	0.003	SLU_12	31.90	0.028
10B_4	18.4	SLU_12	-33.74	0.027	SLU_10	-0.02	0.000
10B_5	18.4	SLU_12	-12.23	0.010	SLU_12	0.12	0.000
10T_1	21.8	SLU_12	0.22	0.003	SLU_12	-2.36	0.008
10T_2	21.8	SLU_12	0.12	0.003	SLU_12	2.10	0.014
10T_3	21.8	SLU_10	-0.90	0.003	SLU_12	31.90	0.028
10T_4	21.8	SLU_12	-33.74	0.027	SLU_10	-0.02	0.000
10T_5	21.8	SLU_12	-12.23	0.010	SLU_12	0.12	0.000
11B_1	21.8	SLU_10	-0.28	0.003	SLU_12	-1.07	0.004
11B_2	21.8	SLU_10	-0.15	0.004	SLU_12	1.83	0.012
11B_3	21.8	SLU_12	1.35	0.005	SLU_12	-27.25	0.024
11B_4	21.8	SLU_12	-44.04	0.035	SLU_12	0.51	0.002
11B_5	21.8	SLU_12	-22.13	0.018	SLU_12	-0.39	0.001
11T_1	25.2	SLU_10	-0.28	0.003	SLU_12	-1.07	0.004
11T_2	25.2	SLU_10	-0.15	0.004	SLU_12	1.83	0.012
11T_3	25.2	SLU_12	1.35	0.005	SLU_12	-27.25	0.024
11T_4	25.2	SLU_12	-44.04	0.035	SLU_12	0.51	0.002
11T_5	25.2	SLU_12	-22.13	0.018	SLU_12	-0.39	0.001
12B_1	25.2	SLU_12	0.22	0.003	SLU_12	-2.55	0.009
12B_2	25.2	SLU_12	0.11	0.003	SLU_12	0.91	0.006
12B_3	25.2	SLU_12	-1.84	0.006	SLU_12	-6.62	0.006
12B_4	25.2	SLU_12	-48.53	0.039	SLU_10	-1.27	0.004
12B_5	25.2	SLU_12	-51.97	0.042	SLU_12	1.13	0.003
12T_1	28.7	SLU_12	0.22	0.003	SLU_12	-2.55	0.009
12T_2	28.7	SLU_12	0.11	0.003	SLU_12	0.91	0.006
12T_3	28.7	SLU_12	-1.84	0.006	SLU_12	-6.62	0.006
12T_4	28.7	SLU_12	-48.53	0.039	SLU_10	-1.27	0.004
12T_5	28.7	SLU_12	-51.97	0.042	SLU_12	1.13	0.003
1B_1	-15.77	SLU_12	46.68	0.011	SLU_12	-10.63	0.009
1B_2	-15.77	SLU_12	367.87	0.086	SLU_12	-2.58	0.002
1B_3	-15.77	SLU_12	16.36	0.015	SLU_12	-445.47	0.113
1B_4	-15.77	SLU_12	-0.90	0.003	SLU_12	91.68	0.090
1B_5	-15.77	SLU_12	-0.98	0.003	SLU_12	43.53	0.043
1B_6	-15.77	SLU_12	-3.03	0.003	SLU_12	-1.10	0.004

1B_7	-15.77	SLU_12	51.64	0.037	SLU_12	-1.04	0.003
1B_8	-15.77	SLU_12	63.27	0.060	SLU_12	-1.26	0.004
1B_9	-15.77	SLU_12	0.28	0.001	SLU_12	-55.70	0.055
1B_10	-15.77	SLU_12	-0.43	0.001	SLU_12	-46.99	0.046
1T_1	-11.27	SLU_12	53.57	0.013	SLU_12	4.68	0.004
1T_2	-11.27	SLU_12	384.23	0.090	SLU_12	-22.69	0.019
1T_3	-11.27	SLU_12	-6.80	0.006	SLU_12	-440.67	0.112
1T_4	-11.27	SLU_12	-0.90	0.003	SLU_12	91.68	0.090
1T_5	-11.27	SLU_12	-0.98	0.003	SLU_12	43.53	0.043
1T_6	-11.27	SLU_12	-3.03	0.003	SLU_12	-1.10	0.004
1T_7	-11.27	SLU_12	51.64	0.037	SLU_12	-1.04	0.003
1T_8	-11.27	SLU_12	63.27	0.060	SLU_12	-1.26	0.004
1T_9	-11.27	SLU_12	0.28	0.001	SLU_12	-55.70	0.055
1T_10	-11.27	SLU_12	-0.43	0.001	SLU_12	-46.99	0.046
2B_1	-11.27	SLU_12	51.84	0.012	SLU_12	-6.03	0.005
2B_2	-11.27	SLU_12	520.87	0.123	SLU_01	-28.27	0.023
2B_3	-11.27	SLU_12	9.06	0.009	SLU_12	-683.18	0.175
2B_4	-11.27	SLU_12	-0.89	0.003	SLU_12	59.27	0.058
2B_5	-11.27	SLU_12	1.19	0.004	SLU_12	43.05	0.042
2B_6	-11.27	SLU_12	-21.29	0.021	SLU_12	1.61	0.006
2B_7	-11.27	SLU_12	118.29	0.085	SLU_12	0.39	0.001
2B_8	-11.27	SLU_12	104.63	0.100	SLU_12	-0.48	0.002
2B_9	-11.27	SLU_12	2.71	0.009	SLU_12	-62.41	0.061
2B_10	-11.27	SLU_12	0.89	0.003	SLU_12	-75.41	0.074
2T_1	-7.87	SLU_12	54.22	0.013	SLU_12	1.99	0.002
2T_2	-7.87	SLU_12	529.38	0.125	SLU_12	-33.58	0.029
2T_3	-7.87	SLU_12	-4.34	0.004	SLU_12	-684.65	0.176
2T_4	-7.87	SLU_12	-0.89	0.003	SLU_12	59.27	0.058
2T_5	-7.87	SLU_12	1.19	0.004	SLU_12	43.05	0.042
2T_6	-7.87	SLU_12	-21.29	0.021	SLU_12	1.61	0.006
2T_7	-7.87	SLU_12	118.29	0.085	SLU_12	0.39	0.001
2T_8	-7.87	SLU_12	104.63	0.100	SLU_12	-0.48	0.002
2T_9	-7.87	SLU_12	2.71	0.009	SLU_12	-62.41	0.061
2T_10	-7.87	SLU_12	0.89	0.003	SLU_12	-75.41	0.074
3B_1	-7.87	SLU_12	69.85	0.016	SLU_12	-7.05	0.006
3B_2	-7.87	SLU_12	552.36	0.132	SLU_12	-29.06	0.027
3B_3	-7.87	SLU_12	7.37	0.007	SLU_12	-797.24	0.206
3B_4	-7.87	SLU_12	-1.60	0.006	SLU_12	103.94	0.102
3B_5	-7.87	SLU_12	1.07	0.004	SLU_12	135.18	0.133
3B_6	-7.87	SLU_12	-134.25	0.131	SLU_12	-1.99	0.007
3B_7	-7.87	SLU_12	124.18	0.089	SLU_03	-0.30	0.001
3B_8	-7.87	SLU_12	126.70	0.121	SLU_12	-2.15	0.007
3B_9	-7.87	SLU_12	2.59	0.008	SLU_12	-153.53	0.151
3B_10	-7.87	SLU_06	-0.69	0.002	SLU_12	-83.10	0.082
3T_1	-4.45	SLU_12	69.73	0.017	SLU_12	-1.36	0.001
3T_2	-4.45	SLU_12	556.78	0.132	SLU_12	-40.66	0.037
3T_3	-4.45	SLU_12	-5.91	0.006	SLU_12	-791.31	0.205
3T_4	-4.45	SLU_12	-1.60	0.006	SLU_12	103.94	0.102
3T_5	-4.45	SLU_12	1.07	0.004	SLU_12	135.18	0.133

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3T_6	-4.45	SLU_12	-134.25	0.131	SLU_12	-1.99	0.007
3T_7	-4.45	SLU_12	124.18	0.089	SLU_03	-0.30	0.001
3T_8	-4.45	SLU_12	126.70	0.121	SLU_12	-2.15	0.007
3T_9	-4.45	SLU_12	2.59	0.008	SLU_12	-153.53	0.151
3T_10	-4.45	SLU_06	-0.69	0.002	SLU_12	-83.10	0.082
4B_1	-4.45	SLU_12	133.01	0.031	SLU_12	12.30	0.011
4B_2	-4.45	SLU_12	911.47	0.219	SLU_12	-27.87	0.027
4B_3	-4.45	SLU_12	11.09	0.011	SLU_12	-509.83	0.132
4B_4	-4.45	SLU_12	-3.03	0.011	SLU_12	474.51	0.466
4B_5	-4.45	SLU_12	0.64	0.002	SLU_12	277.89	0.273
4B_6	-4.45	SLU_12	-142.40	0.139	SLU_12	0.49	0.002
4B_7	-4.45	SLU_12	76.27	0.055	SLU_12	-0.80	0.002
4B_8	-4.45	SLU_06	49.35	0.047	SLU_03	-0.48	0.002
4B_9	-4.45	SLU_12	2.36	0.008	SLU_12	-134.21	0.132
4B_10	-4.45	SLU_06	-4.96	0.015	SLU_06	-270.94	0.266
4T_1	0	SLU_12	124.48	0.029	SLU_12	42.04	0.037
4T_2	0	SLU_12	913.85	0.217	SLU_12	-75.15	0.068
4T_3	0	SLU_12	16.12	0.017	SLU_12	-424.25	0.111
4T_4	0	SLU_12	-3.03	0.011	SLU_12	474.51	0.466
4T_5	0	SLU_12	0.64	0.002	SLU_12	277.89	0.273
4T_6	0	SLU_12	-142.40	0.139	SLU_12	0.49	0.002
4T_7	0	SLU_12	76.27	0.055	SLU_12	-0.80	0.002
4T_8	0	SLU_06	49.35	0.047	SLU_03	-0.48	0.002
4T_9	0	SLU_12	2.36	0.008	SLU_12	-134.21	0.132
4T_10	0	SLU_06	-4.96	0.015	SLU_06	-270.94	0.266
5B_1	0	SLU_12	-470.44	0.111	SLU_12	-70.93	0.061
5B_2	0	SLU_12	844.07	0.202	SLU_12	-91.31	0.086
5B_3	0	SLU_12	-8.29	0.009	SLU_12	-2929.16	0.771
5T_1	4.75	SLU_12	-459.60	0.106	SLU_12	-62.98	0.049
5T_2	4.75	SLU_12	823.36	0.190	SLU_12	-115.91	0.090
5T_3	4.75	SLU_12	29.02	0.032	SLU_12	-2912.50	0.765
6B_1	4.75	SLU_12	-491.95	0.114	SLU_12	-33.39	0.026
6B_2	4.75	SLU_12	778.49	0.182	SLU_12	-54.69	0.045
6B_3	4.75	SLU_12	24.00	0.027	SLU_12	-1611.49	0.424
6T_1	8.16	SLU_12	-511.46	0.119	SLU_12	-16.59	0.014
6T_2	8.16	SLU_12	752.39	0.176	SLU_12	-74.48	0.063
6T_3	8.16	SLU_12	-23.20	0.026	SLU_12	-1524.59	0.401
7B_1	8.16	SLU_12	-550.43	0.129	SLU_12	-23.52	0.020
7B_2	8.16	SLU_12	623.25	0.148	SLU_12	-49.45	0.044
7B_3	8.16	SLU_12	-18.27	0.020	SLU_12	-617.12	0.162
7T_1	11.57	SLU_12	-561.25	0.133	SLU_12	-14.71	0.013
7T_2	11.57	SLU_12	597.10	0.142	SLU_12	-50.79	0.046
7T_3	11.57	SLU_12	-22.69	0.025	SLU_12	-572.62	0.151
8B_1	11.57	SLU_12	-392.00	0.093	SLU_12	-18.43	0.017
8B_2	11.57	SLU_12	388.43	0.093	SLU_12	-50.58	0.048
8B_3	11.57	SLU_12	18.70	0.021	SLU_12	-545.26	0.144
8T_1	14.98	SLU_12	-400.34	0.096	SLU_12	-13.82	0.013
8T_2	14.98	SLU_12	359.60	0.086	SLU_12	-57.71	0.053
8T_3	14.98	SLU_12	-21.23	0.024	SLU_12	-548.69	0.144

	9B_1	14.98	SLU_04	-221.64	0.053	SLU_12	-19.57	0.019
	9B_2	14.98	SLU_12	377.64	0.091	SLU_12	-52.89	0.051
	9B_3	14.98	SLU_12	18.68	0.021	SLU_12	-721.59	0.190
	9T_1	18.4	SLU_04	-227.00	0.054	SLU_12	-11.56	0.011
	9T_2	18.4	SLU_12	406.64	0.097	SLU_12	-66.39	0.062
	9T_3	18.4	SLU_12	-20.75	0.023	SLU_12	-716.69	0.189
	10B_1	18.4	SLU_12	-299.31	0.072	SLU_12	-18.24	0.018
	10B_2	18.4	SLU_12	478.91	0.115	SLU_12	-58.14	0.057
	10B_3	18.4	SLU_12	18.98	0.021	SLU_12	-789.41	0.208
	10T_1	21.8	SLU_12	-286.56	0.069	SLU_12	-16.35	0.016
	10T_2	21.8	SLU_12	506.94	0.121	SLU_12	-63.29	0.059
	10T_3	21.8	SLU_12	-21.80	0.024	SLU_12	-785.53	0.207
	11B_1	21.8	SLU_12	-278.04	0.067	SLU_12	-21.91	0.021
	11B_2	21.8	SLU_12	399.14	0.096	SLU_04	-53.37	0.051
	11B_3	21.8	SLU_12	20.69	0.023	SLU_12	-831.01	0.219
	11T_1	25.2	SLU_12	-260.76	0.063	SLU_12	4.24	0.004
	11T_2	25.2	SLU_12	431.98	0.103	SLU_12	-109.51	0.102
	11T_3	25.2	SLU_12	29.81	0.033	SLU_12	-799.50	0.210
	12B_1	25.2	SLU_12	-116.72	0.028	SLU_12	-26.81	0.027
	12B_2	25.2	SLU_12	191.06	0.046	SLU_12	-68.85	0.068
	12B_3	25.2	SLU_12	-32.03	0.036	SLU_12	-156.45	0.041
	12T_1	28.7	SLU_12	-73.25	0.018	SLU_12	-28.20	0.028
	12T_2	28.7	SLU_12	238.82	0.057	SLU_12	-51.81	0.051
	12T_3	28.7	SLU_12	-64.86	0.072	SLU_12	-165.26	0.043
	5T_1	4.75	SLU_12	-6.04	0.014	SLU_12	216.58	0.137
	5T_2	4.75	SLU_12	296.89	0.068	SLU_12	13.71	0.010
	6B_1	4.75	SLU_12	9.54	0.024	SLU_12	237.88	0.151
	6B_2	4.75	SLU_12	-252.93	0.089	SLU_12	13.45	0.016
	6T_1	8.16	SLU_12	-7.58	0.020	SLU_12	82.23	0.053
	6T_2	8.16	SLU_12	-262.45	0.092	SLU_12	16.21	0.018
	7B_1	8.16	SLU_12	-6.85	0.018	SLU_12	37.10	0.024
	7B_2	8.16	SLU_12	129.49	0.030	SLU_12	18.71	0.015
	7T_1	11.57	SLU_12	-9.45	0.025	SLU_12	94.88	0.061
	7T_2	11.57	SLU_12	40.91	0.009	SLU_12	20.33	0.016
	8B_1	11.57	SLU_12	8.34	0.022	SLU_12	101.38	0.065
	8B_2	11.57	SLU_12	43.59	0.010	SLU_12	21.09	0.017
	8T_1	14.98	SLU_12	-10.02	0.027	SLU_12	122.13	0.079
	8T_2	14.98	SLU_12	110.16	0.026	SLU_12	24.13	0.020
W-MID-DX	9B_1	14.98	SLU_12	-8.47	0.023	SLU_12	112.23	0.072
	9B_2	14.98	SLU_12	83.61	0.020	SLU_12	21.10	0.018
	9T_1	18.4	SLU_12	-10.31	0.028	SLU_12	131.58	0.085
	9T_2	18.4	SLU_12	145.14	0.034	SLU_12	22.71	0.019
	10B_1	18.4	SLU_12	8.62	0.023	SLU_12	95.25	0.061
	10B_2	18.4	SLU_12	106.62	0.025	SLU_12	23.04	0.020
	10T_1	21.8	SLU_12	-9.85	0.026	SLU_12	163.90	0.105
	10T_2	21.8	SLU_12	169.53	0.040	SLU_12	27.16	0.024
	11B_1	21.8	SLU_12	-8.94	0.024	SLU_12	63.49	0.041
	11B_2	21.8	SLU_12	108.79	0.026	SLU_12	17.33	0.016
	11T_1	25.2	SLU_12	10.17	0.027	SLU_12	266.92	0.172

	11T_2	25.2	SLU_12	182.01	0.044	SLU_12	38.24	0.036
	12B_1	25.2	SLU_12	-13.02	0.034	SLU_12	-243.55	0.156
	12B_2	25.2	SLU_12	-102.73	0.038	SLU_12	26.89	0.041
	12T_1	28.7	SLU_12	-29.46	0.079	SLU_12	122.35	0.079
	12T_2	28.7	SLU_12	-107.26	0.040	SLU_12	35.76	0.054
	1B_1	-15.77	SLU_12	10.38	0.006	SLU_12	26.85	0.005
	1B_2	-15.77	SLU_12	224.79	0.051	SLU_06	8.41	0.006
	1B_3	-15.77	SLU_12	242.16	0.055	SLU_06	-8.00	0.005
	1T_1	-11.27	SLU_12	-5.32	0.003	SLU_12	27.07	0.005
	1T_2	-11.27	SLU_12	211.54	0.048	SLU_01	-8.15	0.006
	1T_3	-11.27	SLU_12	228.95	0.052	SLU_01	8.37	0.006
	2B_1	-11.27	SLU_12	8.14	0.005	SLU_12	42.12	0.007
	2B_2	-11.27	SLU_12	376.23	0.085	SLU_01	-2.33	0.002
	2B_3	-11.27	SLU_12	398.49	0.090	SLU_12	-1.18	0.001
	2T_1	-7.87	SLU_12	-4.25	0.002	SLU_12	42.60	0.007
	2T_2	-7.87	SLU_12	388.45	0.088	SLU_01	-9.94	0.007
	2T_3	-7.87	SLU_12	410.06	0.093	SLU_01	7.36	0.005
	3B_1	-7.87	SLU_12	8.74	0.005	SLU_12	46.50	0.008
W-MID-INF	3B_2	-7.87	SLU_12	562.99	0.128	SLU_01	-4.35	0.003
	3B_3	-7.87	SLU_12	584.36	0.133	SLU_12	17.34	0.012
	3T_1	-4.45	SLU_12	-5.03	0.003	SLU_12	46.69	0.008
	3T_2	-4.45	SLU_12	575.29	0.131	SLU_02	-13.50	0.010
	3T_3	-4.45	SLU_12	592.24	0.134	SLU_01	11.55	0.008
	4B_1	-4.45	SLU_04	6.43	0.004	SLU_12	38.36	0.007
	4B_2	-4.45	SLU_12	784.99	0.179	SLU_12	-4.35	0.003
	4B_3	-4.45	SLU_12	813.74	0.186	SLU_12	2.12	0.002
	4T_1	0	SLU_12	7.22	0.005	SLU_12	38.05	0.007
	4T_2	0	SLU_12	771.53	0.176	SLU_12	-4.76	0.003
	4T_3	0	SLU_12	797.15	0.182	SLU_03	12.38	0.009
	5B_1	0	SLU_12	-13.12	0.009	SLU_12	22.56	0.004
	5B_2	0	SLU_12	343.81	0.079	SLU_03	-21.29	0.016
	5B_3	0	SLU_12	349.63	0.080	SLU_03	18.89	0.014
	5T_1	4.75	SLU_12	-5.96	0.014	SLU_12	-195.81	0.124
	5T_2	4.75	SLU_12	290.19	0.067	SLU_12	-14.72	0.011
	6B_1	4.75	SLU_12	9.59	0.024	SLU_12	-243.60	0.155
	6B_2	4.75	SLU_12	-266.60	0.094	SLU_12	-13.62	0.016
	6T_1	8.16	SLU_12	-7.71	0.020	SLU_12	-87.75	0.056
	6T_2	8.16	SLU_12	-276.17	0.097	SLU_12	-16.40	0.019
	7B_1	8.16	SLU_12	-6.79	0.018	SLU_12	-35.82	0.023
	7B_2	8.16	SLU_12	133.58	0.031	SLU_12	-18.75	0.015
	7T_1	11.57	SLU_12	-9.58	0.026	SLU_12	-99.41	0.064
	7T_2	11.57	SLU_12	44.11	0.010	SLU_12	-20.62	0.017
	8B_1	11.57	SLU_12	8.37	0.023	SLU_12	-106.63	0.069
	8B_2	11.57	SLU_12	55.82	0.013	SLU_12	-21.29	0.018
	8T_1	14.98	SLU_12	-10.08	0.027	SLU_12	-122.81	0.079
	8T_2	14.98	SLU_12	123.79	0.029	SLU_12	-24.01	0.020
W-MID-SX	9B_1	14.98	SLU_12	-8.44	0.023	SLU_12	-129.00	0.083
	9B_2	14.98	SLU_12	109.32	0.026	SLU_12	-20.88	0.018
	9T_1	18.4	SLU_12	-10.27	0.028	SLU_12	-121.04	0.078

9T_2	18.4	SLU_12	171.69	0.040	SLU_12	-23.36	0.020
10B_1	18.4	SLU_12	8.47	0.023	SLU_12	-151.84	0.098
10B_2	18.4	SLU_12	130.79	0.031	SLU_12	-23.44	0.021
10T_1	21.8	SLU_12	-9.87	0.027	SLU_12	-112.98	0.073
10T_2	21.8	SLU_12	192.30	0.046	SLU_12	-28.06	0.025
11B_1	21.8	SLU_12	-8.71	0.023	SLU_12	-187.10	0.120
11B_2	21.8	SLU_12	103.21	0.025	SLU_12	-25.66	0.024
11T_1	25.2	SLU_12	10.80	0.029	SLU_12	-151.42	0.097
11T_2	25.2	SLU_12	179.82	0.043	SLU_12	-30.42	0.029
12B_1	25.2	SLU_12	-12.39	0.033	SLU_12	-136.96	0.088
12B_2	25.2	SLU_10	-95.37	0.035	SLU_12	-21.95	0.033
12T_1	28.7	SLU_12	-36.07	0.097	SLU_12	-189.70	0.122
12T_2	28.7	SLU_12	-94.70	0.035	SLU_12	-36.36	0.055
1B_1	-15.77	SLU_12	377.94	0.088	SLU_12	-3.37	0.003
1B_2	-15.77	SLU_12	37.22	0.009	SLU_12	14.21	0.012
1B_3	-15.77	SLU_12	21.03	0.019	SLU_12	469.87	0.119
1B_4	-15.77	SLU_12	0.90	0.003	SLU_12	96.80	0.095
1B_5	-15.77	SLU_12	1.05	0.003	SLU_12	50.01	0.049
1B_6	-15.77	SLU_12	-7.00	0.007	SLU_12	1.09	0.004
1B_7	-15.77	SLU_12	47.94	0.034	SLU_12	1.13	0.003
1B_8	-15.77	SLU_12	62.14	0.060	SLU_12	1.27	0.004
1B_9	-15.77	SLU_12	-0.28	0.001	SLU_12	-56.17	0.055
1B_10	-15.77	SLU_12	0.41	0.001	SLU_12	-48.37	0.048
1T_1	-11.27	SLU_12	397.99	0.093	SLU_12	21.75	0.018
1T_2	-11.27	SLU_12	45.45	0.011	SLU_12	-3.94	0.003
1T_3	-11.27	SLU_12	-6.70	0.006	SLU_12	468.02	0.119
1T_4	-11.27	SLU_12	0.90	0.003	SLU_12	96.80	0.095
1T_5	-11.27	SLU_12	1.05	0.003	SLU_12	50.01	0.049
1T_6	-11.27	SLU_12	-7.00	0.007	SLU_12	1.09	0.004
1T_7	-11.27	SLU_12	47.94	0.034	SLU_12	1.13	0.003
1T_8	-11.27	SLU_12	62.14	0.060	SLU_12	1.27	0.004
1T_9	-11.27	SLU_12	-0.28	0.001	SLU_12	-56.17	0.055
1T_10	-11.27	SLU_12	0.41	0.001	SLU_12	-48.37	0.048
2B_1	-11.27	SLU_12	540.35	0.127	SLU_01	37.08	0.030
2B_2	-11.27	SLU_12	40.13	0.009	SLU_12	8.46	0.007
2B_3	-11.27	SLU_12	11.30	0.011	SLU_12	715.47	0.183
2B_4	-11.27	SLU_12	0.91	0.003	SLU_12	65.95	0.065
2B_5	-11.27	SLU_12	-1.23	0.004	SLU_12	48.60	0.048
2B_6	-11.27	SLU_12	-26.29	0.026	SLU_12	-1.57	0.006
2B_7	-11.27	SLU_12	112.90	0.081	SLU_12	-0.37	0.001
2B_8	-11.27	SLU_12	102.07	0.098	SLU_12	0.48	0.002
2B_9	-11.27	SLU_12	-2.80	0.009	SLU_12	-64.31	0.063
2B_10	-11.27	SLU_12	-0.81	0.003	SLU_12	-79.94	0.079
2T_1	-7.87	SLU_12	551.52	0.130	SLU_12	32.31	0.028
2T_2	-7.87	SLU_12	42.83	0.010	SLU_12	-1.68	0.001
2T_3	-7.87	SLU_12	-4.09	0.004	SLU_12	729.05	0.187
2T_4	-7.87	SLU_12	0.91	0.003	SLU_12	65.95	0.065
2T_5	-7.87	SLU_12	-1.23	0.004	SLU_12	48.60	0.048
2T_6	-7.87	SLU_12	-26.29	0.026	SLU_12	-1.57	0.006

	2T_7	-7.87	SLU_12	112.90	0.081	SLU_12	-0.37	0.001
	2T_8	-7.87	SLU_12	102.07	0.098	SLU_12	0.48	0.002
	2T_9	-7.87	SLU_12	-2.80	0.009	SLU_12	-64.31	0.063
	2T_10	-7.87	SLU_12	-0.81	0.003	SLU_12	-79.94	0.079
	3B_1	-7.87	SLU_12	579.74	0.138	SLU_12	41.96	0.038
	3B_2	-7.87	SLU_12	48.50	0.011	SLU_12	8.64	0.008
	3B_3	-7.87	SLU_12	9.42	0.009	SLU_12	845.18	0.218
	3B_4	-7.87	SLU_12	1.61	0.006	SLU_12	110.31	0.108
	3B_5	-7.87	SLU_12	-1.11	0.004	SLU_12	139.42	0.137
	3B_6	-7.87	SLU_12	-142.72	0.140	SLU_12	1.94	0.007
	3B_7	-7.87	SLU_12	117.16	0.084	SLU_03	0.34	0.001
	3B_8	-7.87	SLU_12	119.98	0.115	SLU_12	2.07	0.007
	3B_9	-7.87	SLU_12	-2.45	0.008	SLU_12	-161.03	0.158
	3B_10	-7.87	SLU_06	0.65	0.002	SLU_12	-87.55	0.086
	3T_1	-4.45	SLU_12	586.99	0.139	SLU_12	47.93	0.043
	3T_2	-4.45	SLU_12	48.35	0.011	SLU_01	1.88	0.002
	3T_3	-4.45	SLU_12	-6.13	0.006	SLU_12	846.08	0.219
	3T_4	-4.45	SLU_12	1.61	0.006	SLU_12	110.31	0.108
	3T_5	-4.45	SLU_12	-1.11	0.004	SLU_12	139.42	0.137
	3T_6	-4.45	SLU_12	-142.72	0.140	SLU_12	1.94	0.007
	3T_7	-4.45	SLU_12	117.16	0.084	SLU_03	0.34	0.001
	3T_8	-4.45	SLU_12	119.98	0.115	SLU_12	2.07	0.007
	3T_9	-4.45	SLU_12	-2.45	0.008	SLU_12	-161.03	0.158
	3T_10	-4.45	SLU_06	0.65	0.002	SLU_12	-87.55	0.086
	4B_1	-4.45	SLU_12	925.36	0.222	SLU_12	56.56	0.054
	4B_2	-4.45	SLU_12	107.97	0.026	SLU_12	14.86	0.013
	4B_3	-4.45	SLU_12	16.52	0.016	SLU_12	557.77	0.144
	4B_4	-4.45	SLU_12	3.29	0.012	SLU_12	474.18	0.466
	4B_5	-4.45	SLU_12	-0.53	0.002	SLU_12	288.06	0.283
	4B_6	-4.45	SLU_12	-146.60	0.144	SLU_12	-0.77	0.003
	4B_7	-4.45	SLU_12	69.52	0.050	SLU_12	0.88	0.002
	4B_8	-4.45	SLU_12	41.60	0.040	SLU_12	0.34	0.001
	4B_9	-4.45	SLU_12	-2.40	0.008	SLU_12	-151.67	0.149
	4B_10	-4.45	SLU_06	4.67	0.014	SLU_06	-286.27	0.281
	4T_1	0	SLU_12	932.26	0.221	SLU_12	75.20	0.068
	4T_2	0	SLU_12	-99.70	0.024	SLU_12	42.30	0.038
	4T_3	0	SLU_12	14.28	0.015	SLU_12	492.09	0.129
	4T_4	0	SLU_12	3.29	0.012	SLU_12	474.18	0.466
	4T_5	0	SLU_12	-0.53	0.002	SLU_12	288.06	0.283
	4T_6	0	SLU_12	-146.60	0.144	SLU_12	-0.77	0.003
	4T_7	0	SLU_12	69.52	0.050	SLU_12	0.88	0.002
	4T_8	0	SLU_12	41.60	0.040	SLU_12	0.34	0.001
	4T_9	0	SLU_12	-2.40	0.008	SLU_12	-151.67	0.149
	4T_10	0	SLU_06	4.67	0.014	SLU_06	-286.27	0.281
	5B_1	0	SLU_12	849.04	0.203	SLU_12	115.91	0.110
	5B_2	0	SLU_12	-491.60	0.116	SLU_12	89.00	0.076
	5B_3	0	SLU_12	-10.55	0.012	SLU_12	2885.68	0.760
	5T_1	4.75	SLU_12	832.52	0.192	SLU_12	110.06	0.085
	5T_2	4.75	SLU_12	-481.56	0.112	SLU_12	62.34	0.049

W-SX

5T_3	4.75	SLU_12	-26.22	0.028	SLU_12	2918.19	0.765
6B_1	4.75	SLU_12	781.75	0.181	SLU_12	71.78	0.057
6B_2	4.75	SLU_12	-482.17	0.111	SLU_12	34.62	0.027
6B_3	4.75	SLU_12	30.82	0.034	SLU_12	1600.43	0.421
6T_1	8.16	SLU_12	754.82	0.176	SLU_12	71.85	0.059
6T_2	8.16	SLU_12	-505.36	0.118	SLU_12	14.00	0.011
6T_3	8.16	SLU_12	-20.78	0.023	SLU_12	1525.96	0.402
7B_1	8.16	SLU_12	630.08	0.149	SLU_12	64.08	0.056
7B_2	8.16	SLU_12	-548.39	0.128	SLU_12	26.75	0.022
7B_3	8.16	SLU_12	-23.82	0.026	SLU_12	606.89	0.160
7T_1	11.57	SLU_12	602.96	0.142	SLU_12	50.48	0.044
7T_2	11.57	SLU_12	-561.98	0.133	SLU_12	13.79	0.012
7T_3	11.57	SLU_12	-21.18	0.024	SLU_12	570.48	0.150
8B_1	11.57	SLU_12	409.50	0.097	SLU_12	64.04	0.059
8B_2	11.57	SLU_12	-403.92	0.096	SLU_12	21.12	0.019
8B_3	11.57	SLU_12	24.27	0.027	SLU_12	560.24	0.147
8T_1	14.98	SLU_12	379.10	0.090	SLU_12	58.42	0.052
8T_2	14.98	SLU_12	-414.27	0.099	SLU_12	12.57	0.011
8T_3	14.98	SLU_12	-19.76	0.022	SLU_12	578.06	0.152
9B_1	14.98	SLU_12	364.77	0.087	SLU_12	68.98	0.065
9B_2	14.98	SLU_12	-245.30	0.059	SLU_12	22.59	0.021
9B_3	14.98	SLU_12	-23.89	0.027	SLU_12	712.38	0.188
9T_1	18.4	SLU_12	397.48	0.094	SLU_12	67.73	0.061
9T_2	18.4	SLU_12	-256.38	0.061	SLU_12	10.69	0.010
9T_3	18.4	SLU_12	-20.05	0.022	SLU_12	719.86	0.189
10B_1	18.4	SLU_12	441.04	0.105	SLU_12	75.65	0.071
10B_2	18.4	SLU_12	-264.89	0.063	SLU_12	22.69	0.022
10B_3	18.4	SLU_12	24.45	0.027	SLU_12	698.71	0.184
10T_1	21.8	SLU_12	472.94	0.112	SLU_12	72.30	0.065
10T_2	21.8	SLU_12	-252.44	0.061	SLU_12	12.02	0.012
10T_3	21.8	SLU_12	-19.90	0.022	SLU_12	699.84	0.184
11B_1	21.8	SLU_12	390.03	0.093	SLU_12	79.69	0.076
11B_2	21.8	SLU_12	-270.78	0.065	SLU_12	19.77	0.019
11B_3	21.8	SLU_12	25.17	0.028	SLU_12	548.46	0.144
11T_1	25.2	SLU_12	420.42	0.100	SLU_12	88.33	0.081
11T_2	25.2	SLU_12	-255.92	0.062	SLU_12	11.63	0.011
11T_3	25.2	SLU_12	-20.08	0.022	SLU_12	539.67	0.142
12B_1	25.2	SLU_12	236.46	0.057	SLU_12	80.42	0.079
12B_2	25.2	SLU_12	-120.24	0.029	SLU_12	35.18	0.035
12B_3	25.2	SLU_12	-29.97	0.033	SLU_12	203.56	0.054
12T_1	28.7	SLU_12	288.36	0.069	SLU_12	84.44	0.081
12T_2	28.7	SLU_12	-78.72	0.019	SLU_12	20.77	0.021
12T_3	28.7	SLU_12	-68.46	0.076	SLU_12	180.96	0.048

SLE:VERIFICHE TENSIONALI TRAVI

Trave	Segmento	CHR			QP		
		σ_c [N/mm ²]	σ_s [N/mm ²]	Fattore di utilizzo	σ_c [N/mm ²]	σ_s [N/mm ²]	Fattore di utilizzo
1000	1	-2.45	53.07	0.15	-1.84	39.94	0.13
	2	-1.56	53.63	0.15	-0.95	33.53	0.09
1001	1	-5.92	198.35	0.55	-5.01	167.29	0.43
1002	1	-2.08	72.41	0.20	-1.65	56.32	0.14
	2	-1.85	41.06	0.11	-1.45	31.73	0.10
1004	1	-5.52	118.75	0.33	-4.69	100.31	0.33
	2	-6.85	229.13	0.64	-5.87	195.11	0.50
1005	1	-2.02	70.20	0.19	-1.73	58.51	0.15
	2	-6.44	216.27	0.60	-5.68	189.00	0.48
1006	1	-6.41	215.44	0.60	-5.65	188.35	0.48
	2	-1.97	68.54	0.19	-1.68	56.65	0.14
1008	1	-2.62	68.10	0.19	-2.19	53.96	0.15
1009	1	-2.88	103.08	0.29	-2.48	87.82	0.22
1010	1	-7.08	251.91	0.70	-6.45	229.21	0.59
1011	1	-2.64	68.54	0.19	-2.20	54.19	0.15
1013	1	-1.12	42.29	0.12	-0.82	31.51	0.08
1015	1	-0.86	32.80	0.09	-0.54	22.12	0.06
1017	1	-0.46	19.93	0.06	-0.14	8.02	0.02
1019	1	-0.34	15.83	0.04	-0.08	5.13	0.01
1021	1	-0.94	35.80	0.10	-0.52	21.99	0.06
1022	1	-3.85	107.32	0.30	-2.86	76.57	0.20
	2	-1.26	68.50	0.19	-0.96	42.51	0.11
	3	-3.87	107.73	0.30	-2.93	78.20	0.20
1023	1	-4.05	109.16	0.30	-3.05	79.02	0.21
	2	-1.35	68.75	0.19	-1.00	43.86	0.11
	3	-3.93	107.78	0.30	-2.97	79.04	0.21
1025	1	-1.19	52.49	0.15	-0.62	30.93	0.08
1027	1	-0.78	35.78	0.10	-0.41	22.06	0.06
1029	1	-0.98	39.51	0.11	-0.74	26.18	0.07
1031	1	-0.94	33.52	0.09	-0.63	24.08	0.06
1033	1	-1.02	38.19	0.11	-0.76	29.69	0.08
1036	1	-2.23	91.25	0.25	-2.13	85.87	0.22
1037	1	-2.37	97.61	0.27	-2.25	91.90	0.23
1038	1	-1.84	63.97	0.18	-1.72	60.02	0.15
1039	1	-2.18	93.26	0.26	-2.02	84.97	0.22
1040	1	-1.94	82.82	0.23	-1.70	71.26	0.18
1041	1	-2.20	94.93	0.26	-2.04	87.48	0.22
1042	1	-2.22	94.18	0.26	-2.07	88.11	0.23
1043	1	-2.35	96.03	0.27	-2.21	89.99	0.23
1044	1	-2.11	85.63	0.24	-2.00	80.58	0.21
1045	1	-3.59	118.62	0.33	-3.22	104.27	0.27
1046	1	-3.91	149.69	0.42	-3.43	130.64	0.33
1047	1	-4.00	154.17	0.43	-3.37	129.35	0.33
1048	1	-3.98	153.00	0.42	-3.34	129.37	0.33
1049	1	-4.13	158.96	0.44	-3.37	130.40	0.33
1050	1	-3.90	126.46	0.35	-3.20	103.88	0.27
1051	1	-4.03	128.77	0.36	-3.31	105.35	0.27

1052	1	-4.40	173.18	0.48	-3.65	146.00	0.37
1053	1	-4.00	149.13	0.41	-3.40	130.98	0.33
1054	1	-4.00	152.94	0.42	-3.37	128.96	0.33
1055	1	-3.73	143.01	0.40	-3.27	124.89	0.32
1056	1	-3.27	108.21	0.30	-2.95	95.28	0.24
1057	1	-2.35	88.55	0.25	-1.79	76.90	0.20
	2	-5.07	166.11	0.46	-4.28	149.13	0.38
1058	1	-2.84	108.58	0.30	-2.21	93.93	0.24
	2	-2.02	74.50	0.21	-1.71	65.59	0.17
	3	-5.11	167.73	0.47	-4.26	147.90	0.38
1059	1	-3.01	108.47	0.30	-2.45	94.85	0.24
	2	-3.33	132.16	0.37	-2.84	116.84	0.30
	3	-5.76	209.25	0.58	-4.91	185.83	0.47
1060	1	-3.14	114.38	0.32	-2.65	101.80	0.26
	2	-3.83	151.86	0.42	-3.35	136.16	0.35
	3	-6.52	238.04	0.66	-5.70	213.98	0.55
1061	1	-3.76	152.92	0.42	-3.25	137.15	0.35
	2	-4.40	194.24	0.54	-3.87	173.99	0.44
	3	-6.73	220.02	0.61	-5.93	197.41	0.50
1062	1	-3.17	122.76	0.34	-2.83	111.36	0.28
	2	-3.73	153.64	0.43	-3.32	137.95	0.35
	3	-6.41	242.50	0.67	-5.73	218.55	0.56
1063	1	-1.92	83.34	0.23	-1.67	73.24	0.19
	2	-2.68	121.25	0.34	-2.34	106.32	0.27
	3	-4.51	185.86	0.52	-3.94	163.28	0.42
1064	1	-3.26	124.80	0.35	-2.88	113.10	0.29
	2	-3.78	155.49	0.43	-3.36	139.71	0.36
	3	-6.52	245.45	0.68	-5.80	221.30	0.57
1065	1	-3.78	154.04	0.43	-3.25	138.41	0.35
	2	-4.44	195.76	0.54	-3.90	175.75	0.45
	3	-6.78	221.75	0.62	-5.96	199.22	0.51
1066	1	-3.19	114.73	0.32	-2.66	102.16	0.26
	2	-3.86	152.17	0.42	-3.36	136.90	0.35
	3	-6.58	238.88	0.66	-5.72	214.95	0.55
1067	1	-3.05	108.16	0.30	-2.45	94.87	0.24
	2	-3.36	131.66	0.37	-2.85	117.00	0.30
	3	-5.81	209.24	0.58	-4.92	186.08	0.48
1068	1	-2.90	108.86	0.30	-2.22	94.14	0.24
	2	-2.02	73.47	0.20	-1.70	64.89	0.17
	3	-5.14	167.20	0.46	-4.24	147.10	0.38
1069	1	-2.39	96.41	0.27	-1.78	83.28	0.21
	2	-4.81	144.93	0.40	-4.01	128.73	0.33
1070	1	-1.04	24.38	0.07	-0.71	16.20	0.05
1071	1	-4.59	181.82	0.51	-3.81	150.65	0.39
1072	1	-1.66	67.93	0.19	-1.27	52.72	0.13
1073	1	-1.59	65.95	0.18	-1.37	57.28	0.15
1074	1	-2.79	110.47	0.31	-2.34	92.88	0.24
1078	1	-3.76	124.87	0.35	-2.94	97.43	0.25
1079	1	-1.82	45.37	0.13	-1.03	19.13	0.07

1080	1	-1.94	53.41	0.15	-1.15	24.86	0.08
1081	1	-1.17	37.87	0.11	-0.46	11.75	0.03
1082	1	-1.28	48.21	0.13	-0.63	8.56	0.04
1083	1	-1.21	46.27	0.13	-0.56	6.79	0.04
1084	1	-1.13	37.43	0.10	-0.44	11.24	0.03
1085	1	-1.74	102.01	0.28	-1.00	48.80	0.12
1086	1	-1.71	101.88	0.28	-1.04	50.11	0.13
1087	1	-2.31	93.28	0.26	-1.79	74.36	0.19
1088	1	-2.00	85.85	0.24	-1.73	73.67	0.19
1089	1	-1.97	83.70	0.23	-1.70	72.68	0.19
1090	1	-2.30	92.97	0.26	-1.78	73.76	0.19
1091	1	-1.38	59.48	0.17	-1.17	50.02	0.13
	2	-1.97	86.78	0.24	-1.68	74.81	0.19
1093	1	-1.74	72.80	0.20	-1.43	59.05	0.15
	2	-0.70	35.24	0.10	-0.55	24.72	0.06
	3	-1.03	47.79	0.13	-0.77	34.73	0.09
1095	1	-1.40	65.57	0.18	-1.10	49.06	0.13
	2	-0.97	47.51	0.13	-0.79	34.01	0.09
	3	-1.49	69.16	0.19	-1.20	53.36	0.14
1096	1	-1.81	84.55	0.23	-1.52	67.75	0.17
	2	-1.53	70.26	0.20	-1.31	55.11	0.14
	3	-1.09	57.97	0.16	-0.93	42.66	0.11
1097	1	-3.83	172.23	0.48	-3.50	151.89	0.39
1098	1	-3.86	172.56	0.48	-3.52	152.28	0.39
1100	1	-1.48	67.95	0.19	-1.19	52.07	0.13
	2	-0.96	46.73	0.13	-0.79	33.64	0.09
	3	-1.43	66.07	0.18	-1.13	49.70	0.13
1102	1	-1.03	47.62	0.13	-0.76	34.57	0.09
	2	-0.73	36.10	0.10	-0.58	25.67	0.07
	3	-1.67	70.24	0.20	-1.38	56.94	0.15
1104	1	-1.66	63.12	0.18	-1.41	54.86	0.14
	2	-0.71	32.03	0.09	-0.61	27.08	0.07
	3	-1.17	45.70	0.13	-0.95	37.82	0.10
1105	1	-6.52	281.71	0.78	-5.15	199.34	0.51
	2	-2.93	99.73	0.28	-1.97	44.33	0.14
1106	1	-7.61	210.28	0.58	-6.51	183.08	0.47
	2	-4.00	138.05	0.38	-3.66	125.22	0.32
	3	-4.18	90.80	0.25	-3.46	75.96	0.24
1107	1	-6.55	217.17	0.60	-5.50	182.98	0.47
1108	1	-6.72	246.74	0.69	-5.67	209.13	0.53
1109	1	-1.43	98.91	0.27	-1.06	43.02	0.11
	2	-4.90	220.39	0.61	-3.81	147.09	0.38
1110	1	-3.31	97.97	0.27	-2.62	79.29	0.20
	2	-3.51	130.01	0.36	-3.18	116.99	0.30
	3	-6.98	201.58	0.56	-5.96	175.69	0.45
1111	1	-4.15	163.01	0.45	-3.31	129.46	0.33
1112	1	-5.71	191.96	0.53	-4.70	157.03	0.40
1113	1	-3.99	86.23	0.24	-3.39	72.89	0.24
	2	-6.57	247.35	0.69	-5.77	216.57	0.55

1114	1	-1.53	39.79	0.11	-1.10	28.22	0.08
1116	1	-1.34	34.17	0.09	-0.92	23.89	0.06
1117	1	-4.67	147.47	0.41	-3.71	111.86	0.29
1118	1	-3.92	142.74	0.40	-3.48	125.71	0.32
1119	1	-10.59	240.11	0.67	-9.72	220.21	0.68
	2	-6.75	227.58	0.63	-6.21	208.22	0.53
	3	-6.19	180.10	0.50	-5.69	164.83	0.42
1120	1	-4.88	163.50	0.45	-4.46	149.37	0.38
	2	-10.97	242.56	0.67	-10.10	223.27	0.70
1121	1	-2.05	72.04	0.20	-1.42	51.22	0.13
	2	-2.85	82.20	0.23	-2.14	62.83	0.16
1122	1	-8.17	238.41	0.66	-7.30	212.49	0.54
	2	-3.42	125.83	0.35	-3.07	111.22	0.28
1123	1	-4.61	96.99	0.27	-3.99	83.27	0.28
	2	-6.00	180.36	0.50	-5.29	157.66	0.40
1124	1	-4.68	141.04	0.39	-3.73	101.86	0.26
1125	1	-6.04	180.78	0.50	-5.35	158.74	0.41
	2	-4.51	94.15	0.26	-3.89	80.45	0.27
1126	1	-5.02	104.45	0.29	-4.40	91.11	0.31
	2	-5.67	167.15	0.46	-5.02	146.86	0.38
1128	1	-5.67	168.53	0.47	-5.03	148.48	0.38
	2	-5.01	105.12	0.29	-4.39	91.65	0.31
1130	1	-2.95	61.29	0.17	-1.46	25.66	0.10
	2	-3.08	96.31	0.27	-1.63	39.90	0.11
1131	1	-5.75	158.79	0.44	-4.51	113.88	0.31
1132	1	-2.59	78.15	0.22	-1.56	39.10	0.11
	2	-2.50	50.78	0.14	-1.49	27.04	0.10
1133	1	-10.40	190.81	0.54	-8.96	161.73	0.62
	2	-6.76	211.81	0.59	-5.94	176.42	0.45
	3	-10.16	186.10	0.53	-8.78	158.54	0.61
1134	1	-10.25	186.62	0.53	-8.87	159.12	0.62
	2	-6.75	209.78	0.58	-5.94	174.40	0.45
	3	-10.31	188.41	0.54	-8.89	159.63	0.62
1135	1	-2.27	45.86	0.13	-1.22	21.32	0.08
	2	-3.00	87.12	0.24	-1.89	46.48	0.13
1136	1	-5.91	162.32	0.45	-4.63	116.09	0.32
1137	1	-2.71	87.00	0.24	-1.29	31.01	0.09
	2	-3.35	68.22	0.19	-1.81	31.87	0.13
1140	1	-3.46	66.51	0.18	-1.77	31.49	0.12
	2	-3.84	125.27	0.35	-1.83	52.62	0.13
1141	1	-9.26	245.22	0.68	-7.41	190.08	0.51
	2	-5.18	175.40	0.49	-4.39	136.61	0.35
	3	-9.14	241.99	0.67	-7.35	188.29	0.51
1142	1	-3.10	105.14	0.29	-1.67	48.14	0.12
	2	-2.97	65.68	0.18	-1.68	33.67	0.12
1143	1	-11.57	237.11	0.66	-9.75	196.43	0.68
	2	-6.67	183.93	0.51	-5.67	149.93	0.39
	3	-11.25	230.68	0.64	-9.47	191.03	0.66
	1	-3.95	87.57	0.24	-2.96	58.81	0.21

1144	2	-3.36	120.74	0.34	-2.80	88.52	0.23
	3	-9.44	280.53	0.78	-7.97	228.17	0.58
	1	-8.88	226.57	0.63	-7.53	185.79	0.52
1146	2	-3.38	120.20	0.33	-2.82	88.24	0.23
	3	-3.80	89.32	0.25	-2.81	55.32	0.20
1147	1	-11.37	231.54	0.64	-9.59	191.79	0.67
	2	-6.67	181.93	0.51	-5.68	148.02	0.39
	3	-11.50	234.57	0.65	-9.70	194.11	0.67
1148	1	-2.58	56.97	0.16	-1.33	25.56	0.09
	2	-3.49	115.00	0.32	-2.11	59.41	0.15
1149	1	-6.72	207.60	0.58	-5.21	151.49	0.39
1150	1	-3.18	101.33	0.28	-1.32	35.32	0.09
	2	-3.88	73.95	0.21	-2.19	38.87	0.15
1152	1	-4.26	88.00	0.24	-2.35	47.07	0.16
	2	-3.59	109.68	0.30	-1.58	45.83	0.12
1153	1	-7.79	245.24	0.68	-6.18	187.94	0.48
	2	-3.88	123.73	0.34	-3.37	101.72	0.26
	3	-7.29	229.35	0.64	-5.82	176.36	0.45
1154	1	-4.09	133.17	0.37	-2.32	67.09	0.17
	2	-3.37	64.10	0.18	-1.80	31.50	0.13
1156	1	-7.01	133.24	0.37	-5.87	108.34	0.41
	2	-4.24	148.18	0.41	-3.65	113.93	0.29
	3	-8.04	257.29	0.71	-6.77	206.59	0.53
1157	1	-2.77	110.85	0.31	-2.33	76.03	0.19
	2	-8.20	228.06	0.63	-7.22	192.37	0.50
1158	1	-8.20	227.68	0.63	-7.23	192.67	0.50
	2	-2.78	111.12	0.31	-2.35	76.64	0.20
1159	1	-8.11	259.09	0.72	-6.86	209.13	0.53
	2	-4.24	147.62	0.41	-3.64	113.33	0.29
	3	-6.96	132.08	0.37	-5.82	107.28	0.40
1160	1	-3.28	62.09	0.17	-1.75	30.15	0.12
	2	-4.08	132.22	0.37	-2.35	67.29	0.17
1161	1	-7.29	228.09	0.63	-5.82	175.54	0.45
	2	-3.89	122.77	0.34	-3.37	100.77	0.26
	3	-7.78	244.00	0.68	-6.19	187.18	0.48
1163	1	-3.17	81.50	0.23	-1.71	42.95	0.12
1165	1	-2.78	66.76	0.19	-1.32	27.56	0.09
1167	1	-2.02	44.78	0.12	-0.74	9.72	0.05
1169	1	-1.79	40.78	0.11	-0.60	7.54	0.04
1171	1	-2.17	47.55	0.13	-0.64	-2.98	0.04
1172	1	-4.74	74.86	0.25	-3.32	41.26	0.23
	2	-1.73	-6.86	0.09	-1.19	-8.50	0.08
	3	-5.20	85.19	0.27	-3.54	45.89	0.25
1173	1	-4.75	73.98	0.25	-3.33	40.76	0.23
	2	-1.73	-7.06	0.09	-1.19	-8.60	0.08
	3	-5.19	84.09	0.27	-3.54	45.23	0.25
1175	1	-2.19	48.17	0.13	-0.63	-2.99	0.04
1177	1	-2.08	49.59	0.14	-0.89	16.06	0.06
1179	1	-2.08	45.60	0.13	-0.79	11.05	0.06

1181	1	-2.71	64.90	0.18	-1.30	27.08	0.09
1183	1	-2.96	75.54	0.21	-1.59	39.44	0.11
1186	1	-3.29	82.62	0.23	-2.71	65.75	0.19
1187	1	-3.49	94.91	0.26	-2.79	70.66	0.19
1188	1	-3.30	89.08	0.25	-2.67	62.94	0.19
1189	1	-3.24	84.64	0.24	-2.68	55.98	0.19
1190	1	-2.52	61.68	0.17	-2.24	44.82	0.16
1191	1	-3.26	84.68	0.24	-2.71	56.42	0.19
1192	1	-3.28	88.37	0.25	-2.66	62.54	0.18
1193	1	-3.45	93.37	0.26	-2.76	69.42	0.19
1194	1	-3.20	79.96	0.22	-2.62	63.23	0.18
1195	1	-5.36	162.94	0.45	-4.05	127.28	0.33
1196	1	-4.17	126.06	0.35	-3.44	107.33	0.27
1197	1	-4.14	124.97	0.35	-3.38	105.41	0.27
1198	1	-3.95	119.54	0.33	-3.39	104.76	0.27
1199	1	-4.08	124.19	0.34	-3.47	106.35	0.27
1200	1	-4.68	144.06	0.40	-4.09	124.67	0.32
1201	1	-4.70	146.00	0.41	-4.13	127.22	0.33
1202	1	-4.29	131.83	0.37	-3.68	114.17	0.29
1203	1	-4.11	125.75	0.35	-3.53	109.93	0.28
1204	1	-4.09	123.24	0.34	-3.35	104.34	0.27
1205	1	-3.99	120.23	0.33	-3.29	102.56	0.26
1206	1	-4.99	150.52	0.42	-3.75	116.78	0.30
1207	1	-3.03	81.73	0.23	-2.42	63.06	0.17
	2	-6.46	157.86	0.44	-4.66	122.55	0.32
1208	1	-4.26	108.85	0.30	-2.43	64.11	0.17
	2	-3.43	116.00	0.32	-2.82	96.86	0.25
	3	-7.02	187.58	0.52	-5.09	146.57	0.37
1209	1	-5.05	160.12	0.44	-4.02	130.31	0.33
	2	-7.95	203.25	0.56	-6.12	164.55	0.43
1210	1	-5.02	142.62	0.40	-3.34	97.29	0.25
	2	-5.39	166.34	0.46	-4.46	141.27	0.36
	3	-8.40	215.42	0.60	-6.75	179.33	0.47
1211	1	-5.38	155.25	0.43	-3.87	110.02	0.28
	2	-5.58	172.04	0.48	-4.72	145.28	0.37
	3	-8.75	225.20	0.63	-7.23	188.51	0.50
1212	1	-5.13	155.00	0.43	-3.98	115.34	0.29
	2	-5.41	170.63	0.47	-4.72	145.51	0.37
	3	-8.46	222.69	0.62	-7.26	190.01	0.50
1213	1	-1.02	22.98	0.06	-0.80	11.11	0.06
	2	-4.78	163.93	0.46	-4.15	135.74	0.35
1214	1	-5.17	155.71	0.43	-4.04	116.47	0.30
	2	-5.45	171.31	0.48	-4.77	146.73	0.37
	3	-8.52	223.81	0.62	-7.34	191.73	0.51
1215	1	-5.42	156.25	0.43	-3.94	111.48	0.28
	2	-5.63	173.38	0.48	-4.79	147.21	0.38
	3	-8.83	227.01	0.63	-7.33	191.00	0.51
1216	1	-5.04	142.20	0.40	-3.37	97.29	0.25
	2	-5.40	165.95	0.46	-4.48	141.32	0.36

	3	-8.42	215.34	0.60	-6.78	179.64	0.47
1217	1	-5.19	169.27	0.47	-4.13	140.59	0.36
	2	-8.05	213.49	0.59	-6.21	173.51	0.44
	1	-4.32	115.03	0.32	-2.45	67.97	0.17
1218	2	-3.45	115.13	0.32	-2.84	96.32	0.25
	3	-7.05	186.59	0.52	-5.12	145.77	0.37
	1	-2.71	71.47	0.20	-2.20	59.26	0.15
1219	2	-6.09	150.46	0.42	-4.33	115.67	0.30
	1	-4.34	136.80	0.38	-3.54	106.89	0.27
1221	1	-4.69	124.67	0.35	-3.40	87.87	0.24
1222	1	-2.34	67.50	0.19	-1.63	39.09	0.11
1223	1	-2.35	67.09	0.19	-1.65	39.42	0.11
1224	1	-4.81	128.98	0.36	-3.51	92.00	0.24
1228	1	-1.67	76.26	0.21	-0.83	42.96	0.11
1229	1	-1.63	75.95	0.21	-0.77	42.98	0.11
1230	1	-2.00	72.68	0.20	-0.12	27.44	0.07
	2	-1.04	70.61	0.20	0.00	31.40	0.08
	3	-1.47	61.22	0.17	0.00	25.65	0.07
1231	1	-2.54	84.12	0.23	-0.15	23.08	0.06
	2	-1.17	83.49	0.23	0.00	34.76	0.09
	3	-2.36	80.84	0.22	0.00	20.01	0.05
1232	1	-2.51	83.69	0.23	-0.15	22.52	0.06
	2	-1.15	85.17	0.24	0.00	33.12	0.08
	3	-2.34	80.62	0.22	0.00	19.68	0.05
1233	1	-1.95	72.28	0.20	-0.01	26.81	0.07
	2	-1.00	74.13	0.21	0.00	31.96	0.08
	3	-1.42	60.79	0.17	0.00	24.88	0.06
1234	1	-2.12	45.41	0.13	-1.68	21.19	0.12
	2	-1.62	47.80	0.13	-1.37	15.85	0.10
	3	-2.92	64.21	0.18	-2.45	40.55	0.17
1235	1	-2.17	47.08	0.13	-1.74	22.81	0.12
	2	-1.64	49.59	0.14	-1.39	16.81	0.10
	3	-2.98	66.41	0.18	-2.49	42.09	0.17
1236	1	-4.46	142.95	0.40	-1.95	62.49	0.16
1237	1	-4.26	148.93	0.41	-2.48	84.48	0.22
1238	1	-4.15	144.33	0.40	-2.38	80.65	0.21
1239	1	-4.45	142.59	0.40	-1.94	62.41	0.16
1240	1	-3.35	116.77	0.32	-2.24	79.35	0.20
1242	1	-2.10	85.82	0.24	-1.29	44.73	0.11
	2	-0.78	42.42	0.12	-0.61	16.86	0.04
	3	-1.50	65.66	0.18	-0.83	26.28	0.07
1244	1	-1.59	100.49	0.28	-1.06	40.49	0.10
	2	-1.10	78.64	0.22	-0.85	32.18	0.08
	3	-2.28	123.68	0.34	-1.74	70.39	0.18
1245	1	-2.53	138.45	0.38	-2.03	87.88	0.22
1246	1	-2.57	148.42	0.41	-2.16	95.35	0.24
	2	-6.37	263.12	0.73	-5.75	215.80	0.55
1247	1	-6.39	263.58	0.73	-5.77	216.29	0.55
	2	-2.57	149.42	0.42	-2.16	97.08	0.25

1248	1	-2.53	138.95	0.39	-2.02	88.71	0.23
	1	-2.00	89.53	0.25	-1.48	50.45	0.13
1249	2	-0.99	65.35	0.18	-0.75	26.83	0.07
	3	-1.48	74.62	0.21	-0.96	31.13	0.08
	1	-1.47	65.06	0.18	-0.81	25.55	0.07
1251	2	-0.79	42.90	0.12	-0.63	17.25	0.04
	3	-2.08	85.32	0.24	-1.28	44.16	0.11
1253	1	-3.34	116.06	0.32	-2.24	79.50	0.20
1254	1	-8.25	269.09	0.75	-5.70	138.74	0.40
	2	-4.93	173.33	0.48	-2.69	47.97	0.19
	1	-9.74	235.51	0.65	-7.40	183.02	0.51
1255	2	-4.89	141.28	0.39	-4.14	118.47	0.30
	3	-5.98	102.96	0.31	-4.12	70.38	0.29
1256	1	-7.50	220.03	0.61	-6.29	177.98	0.45
1257	1	-7.36	216.07	0.60	-6.15	174.42	0.45
1258	1	-5.44	224.06	0.62	-2.98	51.48	0.21
	2	-8.09	268.02	0.74	-5.60	136.94	0.39
	1	-6.19	106.66	0.32	-4.28	73.54	0.30
1259	2	-4.74	138.10	0.38	-4.02	115.94	0.30
	3	-9.39	220.17	0.61	-7.11	170.51	0.49
1260	1	-4.92	147.83	0.41	-4.17	118.24	0.30
1261	1	-6.01	169.76	0.47	-5.23	146.00	0.37
1262	1	-3.67	78.11	0.22	-3.05	53.24	0.21
	2	-6.43	164.33	0.46	-5.58	137.30	0.39
	1	-6.46	164.78	0.46	-5.64	138.38	0.39
1263	2	-3.35	64.35	0.18	-2.76	50.29	0.19
1264	1	-5.86	179.85	0.50	-5.12	155.32	0.40
1265	1	-13.24	245.25	0.69	-11.39	208.34	0.79
	2	-8.02	217.62	0.60	-6.96	182.30	0.48
	1	-6.40	206.18	0.57	-5.48	166.08	0.42
1266	2	-13.24	256.44	0.71	-11.51	219.74	0.80
1267	1	-3.32	100.67	0.28	-1.34	37.71	0.10
	2	-4.48	91.86	0.26	-2.59	51.50	0.18
1268	1	-11.32	231.80	0.64	-9.37	192.22	0.65
	2	-5.20	159.83	0.44	-4.17	127.69	0.33
1270	1	-4.93	153.20	0.43	-4.15	122.57	0.31
1271	1	-5.32	170.62	0.47	-4.48	134.82	0.34
	2	-4.18	104.87	0.29	-3.47	82.02	0.24
1273	1	-4.15	103.97	0.29	-3.45	81.74	0.24
	2	-5.33	170.62	0.47	-4.50	135.46	0.35
1274	1	-4.85	150.28	0.42	-4.06	120.13	0.31
1276	1	-4.38	137.36	0.38	-3.59	108.03	0.28
1278	1	-4.73	143.45	0.40	-3.78	103.35	0.26
1279	1	-4.60	146.13	0.41	-3.67	110.47	0.28
1280	1	-6.62	189.84	0.53	-5.91	171.09	0.44
1281	1	-6.58	188.59	0.52	-5.88	170.09	0.43
	1	-8.53	180.85	0.50	-6.57	125.04	0.46
1282	2	-3.43	146.59	0.41	-2.63	74.06	0.19
	3	-3.35	130.61	0.36	-1.77	50.49	0.13

1284	1	-2.21	47.83	0.13	-1.21	-3.99	0.08
1285	1	-2.28	56.69	0.16	-1.73	30.41	0.12
	2	-2.31	70.43	0.20	-1.87	38.36	0.13
1286	1	-5.03	125.94	0.35	-4.21	91.36	0.29
1287	1	-2.23	59.88	0.17	-1.78	36.54	0.12
	2	-2.25	49.81	0.14	-1.81	31.95	0.13
1289	1	-2.44	64.88	0.18	-1.69	45.99	0.12
	2	-7.99	179.29	0.50	-7.12	157.89	0.49
1291	1	-2.26	48.86	0.14	-1.25	-3.94	0.09
1292	1	-7.94	177.71	0.49	-7.12	157.65	0.49
	2	-2.42	62.43	0.17	-1.70	45.68	0.12
1293	1	-4.08	79.26	0.22	-3.30	65.09	0.23
	2	-7.02	203.26	0.56	-6.38	185.78	0.47
	3	-10.67	216.10	0.60	-9.93	202.72	0.69
1294	1	-3.09	78.67	0.22	-2.61	64.61	0.18
	2	-5.18	181.83	0.51	-4.63	154.24	0.39
	3	-8.03	195.54	0.54	-7.14	171.60	0.50
1307	1	-5.12	206.41	0.57	-4.21	171.23	0.44
	2	-8.52	216.41	0.60	-6.82	177.99	0.47
1308	1	-8.64	222.67	0.62	-7.26	188.30	0.50
	2	-3.23	127.36	0.35	-2.25	87.87	0.22
	3	-7.84	226.47	0.63	-6.82	198.65	0.51
1309	1	-4.51	128.28	0.36	-2.62	81.76	0.21
1310	1	-4.42	130.27	0.36	-2.91	92.07	0.24
1311	1	-4.43	175.27	0.49	-3.75	148.56	0.38
1312	1	-4.57	138.50	0.38	-3.17	100.23	0.26
1313	1	-3.66	143.53	0.40	-3.10	121.22	0.31
	2	-6.09	201.42	0.56	-5.14	171.32	0.44
1314	1	-4.08	124.96	0.35	-2.39	75.23	0.19
1315	1	-3.89	119.61	0.33	-2.65	84.26	0.22
1316	1	-4.10	91.64	0.25	-2.19	39.12	0.15
1317	1	-4.11	91.35	0.25	-2.20	38.98	0.15
1318	1	-3.87	118.68	0.33	-2.63	83.32	0.21
1319	1	-4.34	133.25	0.37	-2.64	83.16	0.21
1320	1	-4.66	141.57	0.39	-3.28	103.72	0.27
1321	1	-4.32	127.25	0.35	-2.84	89.81	0.23
1322	1	-4.30	123.06	0.34	-2.47	77.03	0.20
1323	1	-5.04	201.77	0.56	-4.15	168.73	0.43
	2	-8.45	214.47	0.60	-6.80	177.24	0.47
1324	1	-8.50	218.70	0.61	-7.18	186.46	0.50
	2	-3.17	123.89	0.34	-2.23	87.31	0.22
	3	-7.69	221.55	0.62	-6.73	196.32	0.50
1325	1	-3.11	78.57	0.22	-2.59	64.48	0.18
	2	-5.18	180.75	0.50	-4.63	154.54	0.39
	3	-8.04	195.47	0.54	-7.13	171.59	0.49
1327	1	-4.13	78.54	0.22	-3.32	64.26	0.23
	2	-7.28	224.37	0.62	-6.64	205.79	0.53
	3	-10.33	197.29	0.55	-9.64	185.47	0.67
	1	-6.43	153.47	0.43	-4.93	118.84	0.34

1328	2	-8.18	196.19	0.54	-7.01	168.79	0.49
	3	-12.60	240.57	0.67	-10.61	204.03	0.74
1329	1	-4.38	145.46	0.40	-3.71	123.58	0.32
	2	-2.79	108.34	0.30	-2.42	94.61	0.24
	3	-6.96	233.33	0.65	-6.12	206.38	0.53
1330	1	-6.43	211.00	0.59	-5.49	181.55	0.46
	2	-1.93	69.36	0.19	-1.26	46.03	0.12
	3	-6.54	211.68	0.59	-5.56	183.72	0.47
1331	1	-5.46	214.29	0.60	-4.72	184.73	0.47
	2	-7.04	205.15	0.57	-6.03	175.71	0.45
1332	1	-7.83	224.75	0.62	-6.73	193.12	0.49
	2	-2.31	84.61	0.24	-1.68	59.73	0.15
	3	-7.64	217.10	0.60	-6.86	196.47	0.50
1333	1	-6.99	228.72	0.64	-5.55	181.60	0.46
	2	-5.59	206.67	0.57	-4.75	174.08	0.44
	3	-9.37	218.13	0.61	-8.08	188.01	0.56
1334	1	-2.11	47.89	0.13	-1.66	28.92	0.12
	2	-2.41	64.71	0.18	-1.93	39.68	0.13
1335	1	-3.54	158.58	0.44	-2.29	101.19	0.26
	2	-5.38	203.43	0.57	-4.62	171.95	0.44
	3	-7.11	213.25	0.59	-6.08	180.91	0.46
1336	1	-5.19	130.23	0.36	-4.29	93.06	0.30
1337	1	-7.71	234.00	0.65	-6.63	199.74	0.51
	2	-3.66	161.29	0.45	-2.76	117.68	0.30
	3	-5.98	228.65	0.64	-5.10	192.48	0.49
1338	1	-7.01	228.94	0.64	-5.56	181.58	0.46
	2	-5.59	206.12	0.57	-4.74	173.42	0.44
	3	-9.37	217.95	0.61	-8.07	187.63	0.56
1339	1	-1.94	63.91	0.18	-1.56	31.28	0.11
	2	-2.68	64.65	0.18	-2.03	36.20	0.14
1340	1	-3.52	157.34	0.44	-2.26	99.90	0.26
	2	-5.37	203.29	0.56	-4.61	171.48	0.44
	3	-7.09	212.70	0.59	-6.05	180.24	0.46
1341	1	-7.70	233.52	0.65	-6.61	199.15	0.51
	2	-3.65	160.61	0.45	-2.74	116.91	0.30
	3	-6.01	229.17	0.64	-5.12	192.91	0.49
1342	1	-5.46	214.10	0.59	-4.73	184.92	0.47
	2	-7.04	205.02	0.57	-6.04	175.93	0.45
1343	1	-7.83	224.66	0.62	-6.75	193.44	0.49
	2	-2.31	84.38	0.23	-1.69	59.82	0.15
	3	-7.65	217.38	0.60	-6.88	196.83	0.50
1344	1	-3.67	143.87	0.40	-3.10	121.25	0.31
	2	-6.07	200.86	0.56	-5.15	171.29	0.44
1345	1	-6.42	210.44	0.58	-5.50	181.64	0.46
	2	-1.92	69.16	0.19	-1.26	45.87	0.12
	3	-6.56	211.84	0.59	-5.56	183.59	0.47
1346	1	-4.46	176.18	0.49	-3.80	150.08	0.38
1347	1	-4.46	148.07	0.41	-3.76	125.03	0.32
	2	-2.71	106.26	0.30	-2.38	92.95	0.24

	3	-6.91	232.31	0.65	-6.09	205.30	0.52
1348	1	-6.52	158.25	0.44	-4.98	120.05	0.35
	2	-8.21	199.54	0.55	-7.01	168.95	0.49
	3	-12.65	243.14	0.68	-10.64	204.52	0.74
1349	1	-8.40	278.87	0.77	-4.65	106.33	0.32
1351	1	-4.12	133.54	0.37	-1.07	21.96	0.07
	2	-3.50	150.10	0.42	-0.93	21.72	0.06
1352	1	-4.79	168.76	0.47	-2.82	67.72	0.20
1353	1	-2.84	123.52	0.34	-0.85	21.00	0.06
	2	-3.17	105.75	0.29	-1.08	23.31	0.08
1355	1	-1.90	100.78	0.28	-1.31	34.69	0.09
	2	-5.94	167.52	0.47	-4.93	114.76	0.34
1356	1	-6.13	165.70	0.46	-5.10	113.55	0.35
	2	-1.90	119.05	0.33	-1.38	40.89	0.10
1358	1	-3.10	116.91	0.32	-0.91	18.90	0.06
	2	-3.19	127.59	0.35	-1.06	25.14	0.07
1359	1	-5.10	171.28	0.48	-3.01	69.23	0.21
1360	1	-3.41	159.93	0.44	-0.72	16.10	0.05
	2	-4.56	147.25	0.41	-1.35	26.90	0.09
1362	1	-8.54	276.10	0.77	-4.66	103.22	0.32
1364	1	-6.27	240.18	0.67	-4.76	163.14	0.42
1365	1	-8.84	235.38	0.65	-5.65	137.56	0.39
	2	-4.40	228.23	0.63	-2.84	105.46	0.27
	3	-3.87	221.30	0.61	-2.08	82.33	0.21
1367	1	-4.83	165.10	0.46	-1.40	30.94	0.10
	2	-4.02	183.79	0.51	-1.15	33.30	0.09
1368	1	-5.89	232.15	0.64	-3.55	101.20	0.26
1369	1	-3.14	166.84	0.46	-0.96	27.75	0.07
	2	-4.04	133.97	0.37	-1.56	33.95	0.11
1371	1	-3.13	221.06	0.61	-1.48	57.78	0.15
	2	-7.26	277.84	0.77	-5.73	161.23	0.41
1373	1	-7.25	277.33	0.77	-5.75	161.73	0.41
	2	-3.14	220.26	0.61	-1.49	58.01	0.15
1374	1	-8.71	224.67	0.62	-6.74	143.42	0.47
	2	-5.20	235.11	0.65	-4.14	123.19	0.31
	3	-9.44	236.93	0.66	-7.20	153.33	0.50
1375	1	-3.75	143.81	0.40	-1.27	27.83	0.09
	2	-3.50	175.02	0.49	-1.25	36.00	0.09
1376	1	-5.96	233.91	0.65	-3.61	102.95	0.26
1377	1	-3.73	178.80	0.50	-0.89	26.08	0.07
	2	-5.08	155.43	0.43	-1.63	35.83	0.11
1379	1	-3.80	214.56	0.60	-1.94	77.30	0.20
	2	-4.28	223.93	0.62	-2.78	103.14	0.26
	3	-8.63	230.77	0.64	-5.50	134.02	0.38
1380	1	-6.14	236.03	0.66	-4.62	158.56	0.41
1383	1	-5.37	159.08	0.44	-1.73	43.88	0.12
	2	-3.23	158.76	0.44	-0.40	13.22	0.03
1384	1	-5.96	216.47	0.60	-3.63	103.78	0.27
1385	1	-5.49	210.24	0.58	-2.93	85.61	0.22

1387	1	-6.63	252.58	0.70	-5.10	144.42	0.37
1389	1	-7.06	262.86	0.73	-5.59	158.21	0.40
1391	1	-5.44	208.82	0.58	-2.92	85.05	0.22
1392	1	-5.97	216.76	0.60	-3.64	104.10	0.27
1393	1	-3.07	160.40	0.45	-0.30	10.66	0.03
	2	-5.42	160.19	0.44	-1.81	45.98	0.13
1394	1	-8.54	223.45	0.62	-5.66	136.83	0.39
	2	-4.33	150.30	0.42	-2.63	74.32	0.19
1395	1	-4.27	175.11	0.49	-3.02	111.48	0.28
1396	1	-5.02	172.32	0.48	-3.65	147.70	0.38
1397	1	-2.95	116.25	0.32	-1.68	65.92	0.17
	2	-3.89	145.21	0.40	-3.28	121.73	0.31
1398	1	-3.60	137.68	0.38	-2.27	88.26	0.23
	2	-3.77	144.20	0.40	-2.73	99.89	0.26
1399	1	-2.80	110.36	0.31	-1.81	66.16	0.17
	2	-2.22	95.68	0.27	-1.52	59.02	0.15
	3	-6.28	223.62	0.62	-5.39	183.92	0.47
1401	1	-2.84	139.52	0.39	-1.80	71.44	0.18
1403	1	-2.41	119.96	0.33	-1.72	67.03	0.17
	2	-1.98	99.76	0.28	-1.62	58.14	0.15
	3	-2.01	107.84	0.30	-1.53	60.75	0.16
1404	1	-3.61	126.81	0.35	-1.82	45.71	0.13
	2	-8.83	223.05	0.62	-6.87	152.56	0.48
1405	1	-5.01	151.84	0.42	-3.74	115.37	0.29
1406	1	-8.95	250.84	0.70	-7.01	193.29	0.49
	2	-4.36	164.00	0.46	-3.48	120.72	0.31
	3	-3.14	130.96	0.36	-2.21	82.17	0.21
1408	1	-2.04	109.09	0.30	-1.58	62.64	0.16
	2	-1.95	98.93	0.27	-1.58	56.96	0.15
	3	-2.43	120.76	0.34	-1.75	68.11	0.17
1410	1	-2.81	134.76	0.37	-1.76	68.41	0.17
1412	1	-6.16	220.73	0.61	-5.38	183.70	0.47
	2	-2.65	107.69	0.30	-1.64	63.72	0.16
1413	1	-3.80	162.54	0.45	-2.70	114.64	0.29
1414	1	-3.85	168.21	0.47	-3.29	141.34	0.36
	2	-3.48	138.98	0.39	-1.98	78.79	0.20
1415	1	-4.96	170.91	0.47	-3.64	147.13	0.38
1416	1	-9.97	230.30	0.64	-8.65	199.74	0.60
	2	-4.15	147.74	0.41	-3.08	110.10	0.28
	3	-8.53	238.38	0.66	-7.48	211.20	0.54
1417	1	-2.28	108.65	0.30	-1.69	53.87	0.14
	2	-4.38	180.24	0.50	-3.90	134.05	0.34
1419	1	-4.50	182.34	0.51	-3.99	137.12	0.35
	2	-2.36	110.93	0.31	-1.79	57.43	0.15
1420	1	-9.97	230.06	0.64	-8.63	199.27	0.60
	2	-4.15	147.49	0.41	-3.08	109.74	0.28
	3	-8.51	237.78	0.66	-7.46	210.55	0.54
1421	1	-2.57	69.45	0.19	-2.00	45.80	0.14
	2	-3.20	134.17	0.37	-2.62	89.86	0.23

1422	1	-7.19	267.56	0.74	-5.87	203.11	0.52
1423	1	-3.02	130.71	0.36	-2.40	82.16	0.21
	2	-2.77	63.24	0.18	-2.25	44.81	0.16
1425	1	-3.22	120.75	0.34	-2.20	58.78	0.15
	2	-3.54	159.83	0.44	-2.89	99.41	0.25
	3	-9.13	220.60	0.61	-7.60	175.40	0.53
1427	1	-9.13	220.89	0.61	-7.62	175.69	0.53
	2	-3.54	160.08	0.44	-2.89	99.29	0.25
	3	-3.26	121.07	0.34	-2.20	58.85	0.15
1429	1	-2.16	51.79	0.14	-1.72	34.03	0.12
	2	-2.69	120.83	0.34	-2.14	73.15	0.19
1430	1	-7.35	273.40	0.76	-6.01	207.85	0.53
1431	1	-2.67	116.35	0.32	-2.16	73.80	0.19
	2	-3.18	71.13	0.20	-2.52	50.35	0.18
1433	1	-3.31	117.70	0.33	-2.14	70.93	0.18
	2	-4.21	158.91	0.44	-3.34	115.92	0.30
	3	-8.55	239.54	0.67	-6.68	184.10	0.47
1434	1	-4.86	146.42	0.41	-3.62	111.64	0.29
1436	1	-2.08	66.30	0.18	-1.70	55.15	0.14
1437	1	-4.92	156.89	0.44	-4.02	127.90	0.33
1438	1	-2.39	82.06	0.23	-1.96	63.32	0.16
	2	-1.93	54.15	0.15	-1.55	41.32	0.11
1440	1	-4.47	119.76	0.33	-3.61	94.01	0.25
	2	-2.39	86.97	0.24	-1.99	63.87	0.16
	3	-5.87	133.40	0.37	-4.90	108.97	0.34
1442	1	-5.87	133.18	0.37	-4.90	109.06	0.34
	2	-2.39	86.88	0.24	-1.99	64.05	0.16
	3	-4.48	119.79	0.33	-3.60	93.86	0.25
1444	1	-1.42	41.22	0.11	-1.12	30.27	0.08
	2	-1.93	67.74	0.19	-1.58	51.35	0.13
1445	1	-4.96	157.80	0.44	-4.06	128.93	0.33
1446	1	-1.89	60.50	0.17	-1.49	48.55	0.12
	2	-2.25	58.77	0.16	-1.79	47.52	0.12
1460	1	-1.50	70.95	0.20	-1.06	39.51	0.10
1461	1	-4.34	123.32	0.34	-3.61	104.55	0.27
1462	1	-3.87	110.28	0.31	-3.28	94.99	0.24
1463	1	-3.24	92.79	0.26	-2.78	79.95	0.20
1464	1	-2.98	87.20	0.24	-2.54	73.02	0.19
1465	1	-2.17	71.55	0.20	-1.66	48.76	0.12
1466	1	-2.68	66.76	0.19	-1.90	42.64	0.13
	2	-0.88	39.88	0.11	-0.63	16.08	0.04
	3	-2.84	65.25	0.18	-2.06	42.57	0.14
1467	1	-4.07	153.71	0.43	-3.43	95.34	0.24
1468	1	-2.84	82.93	0.23	-2.28	66.40	0.17
	1	-2.74	67.08	0.19	-1.91	42.77	0.13
	2	-0.90	38.80	0.11	-0.63	15.89	0.04
1469	3	-2.89	65.54	0.18	-2.08	42.69	0.14
	1	-2.18	72.09	0.20	-1.66	48.57	0.12
1471	1	-3.12	90.82	0.25	-2.71	78.05	0.20

1472	1	-3.31	94.65	0.26	-2.87	82.57	0.21
1473	1	-3.66	104.47	0.29	-3.15	91.30	0.23
1474	1	-4.00	113.79	0.32	-3.37	97.57	0.25
1475	1	-1.75	61.29	0.17	-1.26	38.05	0.10
1476	1	-5.86	238.42	0.66	-4.93	208.89	0.53
1477	1	-5.78	235.37	0.65	-4.87	206.84	0.53
1478	1	-1.33	38.35	0.11	-0.83	24.24	0.06
1479	1	-0.72	21.19	0.06	-0.69	20.20	0.05
1480	1	-3.33	117.17	0.33	-2.73	96.01	0.25
1481	1	-0.25	10.67	0.03	-0.19	6.44	0.02
1482	1	-2.43	69.26	0.19	-2.14	59.76	0.15
1483	1	-2.45	69.68	0.19	-2.15	59.94	0.15
1484	1	-0.26	10.89	0.03	-0.17	5.71	0.01
1485	1	-3.37	118.69	0.33	-2.76	97.17	0.25
1486	1	-0.72	21.25	0.06	-0.71	20.97	0.05
1487	1	-1.31	37.88	0.11	-0.83	24.12	0.06
1488	1	-5.18	172.82	0.48	-4.00	120.19	0.31
1489	1	-3.84	130.96	0.36	-3.01	83.63	0.21
1491	1	-4.23	131.36	0.36	-3.64	111.42	0.28
1493	1	-4.73	146.31	0.41	-4.02	122.68	0.31
1494	1	-5.42	163.29	0.45	-4.66	140.98	0.36
	2	-3.86	92.23	0.26	-3.30	78.85	0.23
1496	1	-3.83	91.87	0.26	-3.28	78.42	0.23
	2	-5.44	164.57	0.46	-4.68	141.76	0.36
1497	1	-4.66	144.80	0.40	-3.94	120.43	0.31
1499	1	-4.28	133.33	0.37	-3.68	112.80	0.29
1501	1	-4.06	138.27	0.38	-3.22	89.16	0.23
1502	1	-5.09	171.40	0.48	-3.93	118.21	0.30
1503	1	-6.05	173.23	0.48	-5.48	157.70	0.40
1504	1	-6.09	174.59	0.48	-5.52	158.74	0.41
	1	-9.01	211.07	0.59	-7.58	170.73	0.53
1505	2	-3.75	110.61	0.31	-2.87	75.16	0.20
	3	-3.07	95.26	0.26	-2.09	55.92	0.14
1507	1	-2.03	50.85	0.14	-1.68	33.60	0.12
	2	-2.83	87.27	0.24	-2.42	61.41	0.17
1508	1	-5.54	156.94	0.44	-4.80	128.50	0.33
	1	-2.78	78.07	0.22	-2.33	58.77	0.16
1509	2	-2.13	48.22	0.13	-1.75	34.96	0.12
	1	-2.64	77.78	0.22	-1.95	50.29	0.14
1511	2	-3.43	96.58	0.27	-2.72	69.25	0.19
	3	-8.59	196.20	0.55	-7.60	169.88	0.53
	1	-8.56	194.14	0.54	-7.59	169.75	0.53
1513	2	-3.42	92.39	0.26	-2.72	69.18	0.19
	3	-2.64	73.43	0.20	-1.95	50.18	0.14
1515	1	-1.95	46.33	0.13	-1.60	31.28	0.11
	2	-2.91	85.43	0.24	-2.48	62.73	0.17
1516	1	-5.70	165.80	0.46	-4.90	131.22	0.34
	1	-2.32	76.64	0.21	-2.01	49.56	0.14
1517	2	-2.49	63.87	0.18	-2.05	42.00	0.14

1519	1	-2.98	93.16	0.26	-1.91	50.18	0.13
	2	-3.56	110.93	0.31	-2.75	71.42	0.19
	3	-8.67	205.75	0.57	-7.32	164.27	0.51
1520	1	-5.07	150.67	0.42	-3.80	117.48	0.30
1521	1	-8.11	189.19	0.53	-6.62	153.02	0.46
	2	-4.29	154.09	0.43	-3.47	120.12	0.31
	3	-3.17	123.13	0.34	-2.33	86.24	0.22
1523	1	-2.81	58.62	0.16	-2.23	44.08	0.16
	2	-3.33	124.41	0.35	-2.73	92.46	0.24
1524	1	-7.00	248.74	0.69	-5.84	201.33	0.51
1525	1	-3.43	129.70	0.36	-2.77	93.99	0.24
	2	-2.49	52.61	0.15	-2.04	40.07	0.14
1527	1	-2.61	113.85	0.32	-1.83	67.67	0.17
	2	-3.59	146.82	0.41	-2.93	99.59	0.25
	3	-9.51	224.84	0.62	-8.06	185.41	0.56
1529	1	-9.52	225.29	0.63	-8.07	185.74	0.56
	2	-3.60	148.81	0.41	-2.94	99.70	0.25
	3	-2.66	116.06	0.32	-1.83	68.04	0.17
1531	1	-2.29	49.31	0.14	-1.86	36.60	0.13
	2	-3.61	137.63	0.38	-2.94	100.40	0.26
1532	1	-7.21	257.15	0.71	-6.02	207.61	0.53
1533	1	-2.98	113.68	0.32	-2.45	82.99	0.21
	2	-2.98	62.80	0.17	-2.36	46.79	0.16
1535	1	-2.90	113.37	0.31	-2.11	77.91	0.20
	2	-4.20	150.68	0.42	-3.39	117.35	0.30
	3	-8.54	236.92	0.66	-6.98	192.18	0.49
1536	1	-4.93	145.67	0.40	-3.70	114.12	0.29
1538	1	-1.86	51.64	0.14	-1.41	37.89	0.10
	2	-2.46	82.40	0.23	-2.02	64.76	0.17
1539	1	-4.83	154.01	0.43	-4.05	128.98	0.33
1540	1	-2.80	90.38	0.25	-2.39	76.83	0.20
	2	-1.44	38.73	0.11	-1.19	31.94	0.08
1542	1	-4.17	108.94	0.30	-3.42	89.46	0.24
	2	-2.40	78.75	0.22	-2.02	64.94	0.17
	3	-5.97	133.45	0.37	-5.07	112.89	0.35
1544	1	-5.97	133.43	0.37	-5.07	113.01	0.35
	2	-2.41	78.80	0.22	-2.02	65.13	0.17
	3	-4.18	109.07	0.30	-3.41	89.25	0.24
1546	1	-1.37	37.10	0.10	-1.12	30.48	0.08
	2	-2.85	92.12	0.26	-2.43	78.36	0.20
1547	1	-4.90	156.81	0.44	-4.10	130.70	0.33
1548	1	-2.49	84.77	0.24	-2.02	65.08	0.17
	2	-1.80	50.96	0.14	-1.33	36.01	0.09
1562	1	-0.64	40.71	0.11	-0.46	15.31	0.04
1563	1	-4.32	99.79	0.28	-3.67	84.80	0.26
	2	-1.51	53.95	0.15	-1.28	44.17	0.11
	3	-4.47	103.04	0.29	-3.80	87.62	0.26
1564	1	-4.13	95.57	0.27	-3.56	82.60	0.25
	2	-1.34	47.29	0.13	-1.15	40.18	0.10

	3	-4.12	95.21	0.26	-3.56	82.42	0.25
1565	1	-3.67	106.47	0.30	-3.19	92.22	0.24
1566	1	-3.41	100.89	0.28	-2.94	85.00	0.22
1567	1	-2.27	76.80	0.21	-1.94	56.79	0.15
1568	1	-2.85	78.21	0.22	-2.23	57.09	0.15
	2	-2.46	52.00	0.14	-1.95	38.61	0.14
1569	1	-3.97	150.80	0.42	-3.34	94.00	0.24
1570	1	-2.85	83.49	0.23	-2.31	67.19	0.17
1571	1	-2.62	63.52	0.18	-1.99	46.07	0.14
	2	-0.88	34.29	0.10	-0.66	18.93	0.05
	3	-2.78	62.55	0.17	-2.19	46.29	0.15
1572	1	-2.29	77.86	0.22	-1.93	56.67	0.14
1573	1	-3.53	103.49	0.29	-3.10	89.58	0.23
1574	1	-3.72	107.64	0.30	-3.28	94.66	0.24
	1	-3.89	89.91	0.25	-3.41	78.98	0.24
1575	2	-1.26	44.41	0.12	-1.10	38.40	0.10
	3	-3.88	89.49	0.25	-3.40	78.76	0.24
1576	1	-3.93	90.69	0.25	-3.39	78.12	0.24
	2	-1.37	49.01	0.14	-1.18	40.71	0.10
	3	-4.07	93.72	0.26	-3.50	80.75	0.24
1577	1	-1.20	44.04	0.12	-0.89	24.93	0.06
1578	1	-5.76	235.15	0.65	-4.86	206.11	0.53
1579	1	-5.73	233.92	0.65	-4.84	205.56	0.53
1580	1	-1.27	31.81	0.09	-0.85	20.92	0.06
	2	-2.04	70.81	0.20	-1.47	50.21	0.13
1581	1	-0.52	13.59	0.04	-0.43	11.66	0.03
1582	1	-3.97	137.68	0.38	-3.28	113.81	0.29
1583	1	-0.49	16.79	0.05	-0.34	9.27	0.02
1584	1	-2.23	60.85	0.17	-2.03	55.23	0.14
1585	1	-2.25	61.15	0.17	-2.04	55.44	0.14
1586	1	-0.54	18.81	0.05	-0.36	9.91	0.03
1587	1	-3.97	137.73	0.38	-3.26	113.28	0.29
1588	1	-0.48	12.64	0.04	-0.45	12.39	0.03
1589	1	-1.23	30.67	0.09	-0.83	20.45	0.06
	2	-1.95	68.10	0.19	-1.44	49.00	0.13
1590	1	-5.09	170.14	0.47	-3.97	119.68	0.31
1591	1	-3.90	133.04	0.37	-3.10	86.07	0.22
1593	1	-4.19	134.12	0.37	-3.65	112.86	0.29
1595	1	-4.77	153.84	0.43	-4.03	123.85	0.32
1596	1	-5.49	173.65	0.48	-4.72	144.40	0.37
	2	-3.78	95.31	0.26	-3.20	77.61	0.22
1598	1	-3.75	95.09	0.26	-3.18	77.08	0.22
	2	-5.53	175.43	0.49	-4.75	145.26	0.37
1599	1	-4.69	153.17	0.43	-3.94	121.44	0.31
1601	1	-4.25	137.54	0.38	-3.70	114.36	0.29
1603	1	-4.39	169.58	0.47	-3.60	111.17	0.28
1604	1	-5.02	170.30	0.47	-3.93	118.34	0.30
1605	1	-5.35	123.75	0.34	-4.89	113.20	0.34
	2	-4.40	152.53	0.42	-3.96	137.87	0.35

1606	1	-5.31	122.89	0.34	-4.85	112.24	0.34
	2	-4.31	149.45	0.42	-3.88	134.87	0.34
1607	1	-9.11	203.23	0.56	-7.91	175.91	0.55
	2	-3.82	94.86	0.26	-3.01	75.80	0.21
	3	-3.19	80.34	0.22	-2.29	58.84	0.16
1609	1	-1.80	35.63	0.10	-1.49	27.32	0.10
	2	-3.10	80.20	0.22	-2.67	65.94	0.19
1610	1	-5.48	145.72	0.40	-4.83	127.03	0.34
1611	1	-3.03	74.80	0.21	-2.59	63.83	0.18
	2	-1.90	35.78	0.10	-1.56	28.84	0.11
1613	1	-2.86	88.35	0.25	-2.15	54.72	0.15
	2	-3.58	104.34	0.29	-2.85	71.26	0.20
	3	-9.05	206.53	0.57	-7.96	176.81	0.55
1615	1	-9.01	202.53	0.56	-7.95	176.70	0.55
	2	-3.58	94.14	0.26	-2.84	71.23	0.20
	3	-2.90	78.22	0.22	-2.15	54.64	0.15
1617	1	-1.72	37.02	0.10	-1.41	25.40	0.10
	2	-3.17	86.61	0.24	-2.73	67.55	0.19
1618	1	-5.65	155.44	0.43	-4.93	129.80	0.34
1619	1	-2.53	72.84	0.20	-2.19	52.56	0.15
	2	-2.36	54.39	0.15	-1.94	37.57	0.13
1621	1	-2.94	77.33	0.21	-2.10	52.63	0.15
	2	-3.67	94.46	0.26	-2.88	71.55	0.20
	3	-8.74	195.46	0.54	-7.61	168.60	0.53
1622	1	-4.97	151.23	0.42	-3.89	119.63	0.31
1623	1	-8.23	191.19	0.53	-6.88	158.47	0.48
	2	-4.34	153.85	0.43	-3.55	121.78	0.31
	3	-3.29	124.84	0.35	-2.53	92.66	0.24
1625	1	-2.53	51.13	0.14	-2.01	39.24	0.14
	2	-3.64	129.54	0.36	-3.00	101.55	0.26
1626	1	-6.96	243.39	0.68	-5.90	202.35	0.52
1627	1	-3.70	132.44	0.37	-3.01	101.40	0.26
	2	-2.30	46.85	0.13	-1.88	36.33	0.13
1629	1	-2.61	114.86	0.32	-2.05	75.56	0.19
	2	-3.74	144.79	0.40	-3.07	103.24	0.26
	3	-9.84	230.71	0.64	-8.43	193.23	0.59
1631	1	-9.87	231.87	0.64	-8.44	193.46	0.59
	2	-3.77	147.85	0.41	-3.08	103.39	0.26
	3	-2.68	118.61	0.33	-2.06	75.84	0.19
1633	1	-2.13	44.40	0.12	-1.74	33.45	0.12
	2	-3.87	141.04	0.39	-3.19	107.56	0.27
1634	1	-7.18	253.45	0.70	-6.08	208.45	0.53
1635	1	-3.19	116.96	0.32	-2.64	88.82	0.23
	2	-2.87	59.46	0.17	-2.28	44.63	0.16
1637	1	-3.02	115.76	0.32	-2.26	82.81	0.21
	2	-4.24	149.63	0.42	-3.45	118.36	0.30
	3	-8.64	239.15	0.66	-7.20	197.66	0.51
1638	1	-4.79	143.29	0.40	-3.79	116.01	0.30
1640	1	-1.60	46.15	0.13	-1.18	32.79	0.08

1640	2	-2.88	96.67	0.27	-2.38	77.08	0.20
1641	1	-4.82	155.20	0.43	-4.11	131.29	0.34
1642	1	-3.24	104.13	0.29	-2.73	87.94	0.22
	2	-1.12	30.76	0.09	-0.89	24.37	0.06
1644	1	-3.94	102.00	0.28	-3.28	85.71	0.23
	2	-2.40	76.77	0.21	-2.03	65.41	0.17
	3	-6.06	134.79	0.37	-5.21	116.11	0.36
1646	1	-6.09	135.29	0.38	-5.21	116.12	0.36
	2	-2.41	76.77	0.21	-2.04	65.53	0.17
	3	-4.00	102.96	0.29	-3.28	85.60	0.23
1648	1	-1.07	29.58	0.08	-0.85	23.28	0.06
	2	-3.27	105.86	0.29	-2.79	89.84	0.23
1649	1	-4.92	158.76	0.44	-4.15	132.70	0.34
1650	1	-2.82	96.58	0.27	-2.35	76.17	0.19
	2	-1.62	47.45	0.13	-1.21	33.40	0.09
1664	1	-0.54	33.98	0.09	-0.18	5.74	0.01
1665	1	-4.73	109.68	0.30	-4.10	94.73	0.28
	2	-1.70	60.85	0.17	-1.48	51.15	0.13
	3	-4.95	114.68	0.32	-4.30	99.37	0.30
1666	1	-4.55	105.60	0.29	-3.99	92.37	0.28
	2	-1.47	52.03	0.14	-1.29	44.62	0.11
	3	-4.54	105.36	0.29	-3.99	92.36	0.28
1667	1	-3.86	90.17	0.25	-3.39	78.69	0.24
	2	-1.26	46.64	0.13	-1.11	38.82	0.10
	3	-3.87	90.54	0.25	-3.42	79.25	0.24
1668	1	-3.82	112.35	0.31	-3.32	95.79	0.24
1669	1	-2.65	86.07	0.24	-2.26	65.67	0.17
1670	1	-2.46	57.72	0.16	-2.01	45.81	0.14
	2	-0.82	29.39	0.08	-0.66	18.46	0.05
	3	-2.63	56.80	0.16	-2.19	45.92	0.15
1671	1	-4.07	153.88	0.43	-3.43	97.50	0.25
1672	1	-2.86	85.05	0.24	-2.34	68.99	0.18
1673	1	-2.53	59.61	0.17	-2.02	46.20	0.14
	2	-0.86	30.43	0.08	-0.66	18.63	0.05
	3	-2.68	58.47	0.16	-2.21	46.29	0.15
1674	1	-2.66	87.93	0.24	-2.26	65.62	0.17
1675	1	-3.88	113.98	0.32	-3.47	100.21	0.26
1676	1	-3.86	90.30	0.25	-3.47	80.60	0.24
	2	-1.27	46.31	0.13	-1.14	39.81	0.10
	3	-3.89	90.82	0.25	-3.50	81.20	0.24
1677	1	-4.27	99.22	0.28	-3.81	88.22	0.26
	2	-1.38	49.25	0.14	-1.23	42.78	0.11
	3	-4.26	99.08	0.28	-3.81	88.28	0.26
1678	1	-4.20	97.85	0.27	-3.74	86.49	0.26
	2	-1.54	55.72	0.15	-1.37	47.74	0.12
	3	-4.43	102.91	0.29	-3.95	91.40	0.27
1679	1	-0.70	29.50	0.08	-0.59	16.59	0.04
1680	1	-5.72	233.41	0.65	-4.81	204.06	0.52
1681	1	-5.72	233.21	0.65	-4.82	204.36	0.52

1682	1	-1.54	37.85	0.11	-1.14	28.27	0.08
	2	-0.65	21.96	0.06	-0.53	17.93	0.05
	3	-1.94	44.26	0.12	-1.52	34.65	0.11
1683	1	-0.28	5.69	0.02	-0.20	4.10	0.01
	2	-0.25	6.93	0.02	-0.14	4.18	0.01
1684	1	-4.31	148.42	0.41	-3.55	123.23	0.31
1685	1	-0.87	27.97	0.08	-0.63	17.60	0.04
1686	1	-2.15	58.68	0.16	-1.98	54.21	0.14
1687	1	-2.14	58.47	0.16	-1.99	54.51	0.14
1688	1	-0.86	27.70	0.08	-0.65	18.26	0.05
1689	1	-4.32	149.53	0.42	-3.55	123.04	0.31
1690	1	-0.24	4.43	0.01	-0.21	4.42	0.01
	2	-0.16	4.41	0.01	-0.15	4.45	0.01
1691	1	-1.45	35.78	0.10	-1.13	28.06	0.08
	2	-2.36	81.11	0.23	-1.93	66.19	0.17
1692	1	-4.93	159.83	0.44	-3.98	120.92	0.31
1693	1	-4.05	120.53	0.33	-3.38	85.00	0.23
1695	1	-5.10	161.90	0.45	-4.61	142.14	0.36
1697	1	-5.00	146.01	0.41	-4.33	120.24	0.31
1698	1	-5.63	162.68	0.45	-4.95	136.54	0.35
	2	-4.29	102.19	0.28	-3.77	85.24	0.26
1700	1	-4.28	102.95	0.29	-3.74	84.71	0.26
	2	-5.70	165.88	0.46	-4.97	137.18	0.35
1701	1	-5.52	182.15	0.51	-4.76	146.30	0.37
1703	1	-5.18	166.95	0.46	-4.66	143.71	0.37
1705	1	-4.60	169.86	0.47	-3.91	122.02	0.31
1706	1	-4.87	161.25	0.45	-3.95	120.09	0.31
1707	1	-7.41	171.37	0.48	-6.96	161.24	0.48
	2	-6.09	211.65	0.59	-5.69	198.05	0.51
1708	1	-7.41	171.57	0.48	-6.95	160.77	0.48
	2	-6.01	208.84	0.58	-5.60	194.97	0.50
1709	1	-9.41	214.13	0.59	-8.20	177.82	0.57
	2	-3.92	110.83	0.31	-3.13	73.31	0.22
	3	-3.27	97.53	0.27	-2.45	57.97	0.17
1711	1	-1.68	32.34	0.09	-1.31	21.15	0.09
	2	-3.35	86.95	0.24	-2.84	67.98	0.20
1712	1	-5.48	145.00	0.40	-4.86	125.67	0.34
1713	1	-3.23	84.09	0.23	-2.76	66.31	0.19
	2	-1.76	34.59	0.10	-1.38	23.47	0.10
1715	1	-3.04	96.39	0.27	-2.30	57.52	0.16
	2	-3.70	110.23	0.31	-2.95	72.26	0.20
	3	-9.38	215.07	0.60	-8.22	181.37	0.57
1717	1	-9.40	210.51	0.58	-8.21	181.28	0.57
	2	-3.77	100.52	0.28	-2.94	72.22	0.20
	3	-3.18	87.62	0.24	-2.30	57.43	0.16
1719	1	-1.96	39.86	0.11	-1.24	20.16	0.09
	2	-3.78	100.12	0.28	-2.87	69.22	0.20
1720	1	-6.03	168.37	0.47	-5.03	129.83	0.35
1721	1	-3.11	89.72	0.25	-2.22	49.43	0.15

1721	2	-2.81	63.73	0.18	-1.80	31.54	0.13
	1	-2.79	69.58	0.19	-2.17	51.32	0.15
1723	2	-3.60	88.51	0.25	-2.92	69.18	0.20
	3	-8.73	192.17	0.53	-7.83	170.43	0.54
1724	1	-4.86	150.73	0.42	-3.98	120.66	0.31
	1	-8.37	193.76	0.54	-7.16	164.17	0.50
1725	2	-4.44	153.46	0.43	-3.69	126.19	0.32
	3	-3.42	126.45	0.35	-2.72	99.43	0.25
1727	1	-2.28	43.41	0.12	-1.77	33.03	0.12
	2	-3.85	128.57	0.36	-3.13	103.14	0.26
1728	1	-7.00	238.90	0.66	-6.01	203.51	0.52
1729	1	-3.85	129.81	0.36	-3.13	102.06	0.26
	2	-2.24	42.82	0.12	-1.79	33.32	0.12
	1	-2.83	116.69	0.32	-2.23	81.30	0.21
1731	2	-3.87	142.71	0.40	-3.19	106.10	0.27
	3	-10.14	236.08	0.66	-8.70	198.90	0.60
	1	-10.23	239.44	0.67	-8.70	199.12	0.60
1733	2	-3.92	151.59	0.42	-3.20	106.42	0.27
	3	-2.96	126.99	0.35	-2.24	81.78	0.21
1735	1	-2.16	44.98	0.12	-1.67	30.77	0.12
	2	-4.14	150.75	0.42	-3.27	106.85	0.27
1736	1	-7.56	264.43	0.73	-6.23	211.43	0.54
1737	1	-3.26	122.04	0.34	-2.60	84.16	0.22
	2	-2.93	59.62	0.17	-2.13	39.93	0.15
	1	-2.91	115.61	0.32	-2.31	84.59	0.22
1739	2	-4.22	154.39	0.43	-3.46	118.08	0.30
	3	-7.79	182.55	0.51	-6.71	154.02	0.47
1740	1	-4.67	141.96	0.39	-3.84	116.18	0.30
1742	1	-1.15	32.23	0.09	-0.66	17.54	0.05
	2	-3.23	105.72	0.29	-2.68	84.32	0.22
1743	1	-4.94	158.04	0.44	-4.25	134.70	0.34
1744	1	-3.68	116.32	0.32	-3.03	95.53	0.24
	2	-0.85	23.37	0.06	-0.56	15.09	0.04
	1	-3.87	100.00	0.28	-3.17	81.98	0.22
1746	2	-2.45	78.25	0.22	-2.08	65.69	0.17
	3	-6.19	137.49	0.38	-5.28	116.82	0.37
	1	-6.24	138.25	0.38	-5.27	116.74	0.37
1748	2	-2.46	77.75	0.22	-2.08	65.77	0.17
	3	-3.95	101.44	0.28	-3.17	81.87	0.22
1750	1	-0.76	20.76	0.06	-0.52	14.10	0.04
	2	-3.63	115.20	0.32	-3.09	97.59	0.25
1751	1	-5.13	163.65	0.45	-4.31	136.69	0.35
1752	1	-3.02	97.96	0.27	-2.62	83.08	0.21
	2	-0.99	27.65	0.08	-0.69	18.37	0.05
1766	1	-0.80	29.22	0.08	-0.47	13.16	0.03
1767	1	-4.77	124.34	0.35	-4.20	108.67	0.29
1768	1	-4.60	119.29	0.33	-4.08	105.45	0.28
	1	-4.34	100.71	0.28	-3.83	88.62	0.27
1769	2	-1.42	51.51	0.14	-1.25	43.32	0.11

	3	-4.29	99.62	0.28	-3.80	87.74	0.26
1770	1	-4.04	118.12	0.33	-3.53	101.89	0.26
1771	1	-2.92	94.27	0.26	-2.47	72.03	0.18
	1	-2.42	56.48	0.16	-2.01	46.19	0.14
1772	2	-0.80	27.69	0.08	-0.66	18.85	0.05
	3	-2.61	56.23	0.16	-2.20	46.30	0.15
1773	1	-4.81	227.90	0.63	-4.10	142.62	0.36
1774	1	-3.45	123.22	0.34	-2.84	99.62	0.25
	1	-2.45	58.21	0.16	-2.03	47.02	0.14
1775	2	-0.82	29.97	0.08	-0.66	19.60	0.05
	3	-2.63	57.32	0.16	-2.21	47.08	0.15
1776	1	-2.89	93.38	0.26	-2.47	71.82	0.18
1777	1	-4.13	121.19	0.34	-3.67	105.79	0.27
	1	-4.34	100.90	0.28	-3.91	90.18	0.27
1778	2	-1.42	50.89	0.14	-1.28	43.96	0.11
	3	-4.30	99.85	0.28	-3.87	89.21	0.27
1779	1	-4.35	111.82	0.31	-3.90	100.37	0.27
1780	1	-4.30	110.52	0.31	-3.84	98.49	0.27
1781	1	-0.32	17.89	0.05	-0.26	6.71	0.02
1782	1	-5.69	231.58	0.64	-4.79	202.67	0.52
1783	1	-5.75	232.07	0.64	-4.76	201.62	0.52
1784	1	-1.84	46.36	0.13	-1.46	36.89	0.10
	1	-0.14	2.94	0.01	-0.07	1.32	0.01
1785	2	-0.38	10.95	0.03	-0.09	2.18	0.01
1786	1	-3.89	111.78	0.31	-3.20	93.04	0.24
1787	1	-1.23	38.49	0.11	-0.94	27.11	0.07
1788	1	-2.06	56.26	0.16	-1.92	51.99	0.13
1789	1	-2.07	56.31	0.16	-1.93	52.50	0.13
1790	1	-1.23	38.68	0.11	-0.95	27.46	0.07
1791	1	-3.84	110.70	0.31	-3.19	92.42	0.24
	1	-0.11	1.62	0.01	-0.12	2.17	0.01
1792	2	-0.25	6.77	0.02	-0.11	2.66	0.01
1793	1	-1.69	43.09	0.12	-1.40	35.34	0.10
1794	1	-4.74	151.62	0.42	-4.00	123.36	0.32
1795	1	-3.98	124.42	0.35	-3.38	97.73	0.25
1797	1	-4.61	130.50	0.36	-4.16	114.85	0.29
1799	1	-4.98	146.25	0.41	-4.34	120.53	0.31
	1	-5.76	167.87	0.47	-5.06	139.03	0.36
1800	2	-4.12	99.49	0.28	-3.56	80.37	0.25
	1	-4.13	100.35	0.28	-3.52	79.52	0.24
1802	2	-5.87	171.70	0.48	-5.09	139.81	0.36
1803	1	-5.00	149.18	0.41	-4.26	118.19	0.30
1805	1	-4.73	135.90	0.38	-4.21	116.38	0.30
1807	1	-4.13	130.96	0.36	-3.46	99.56	0.25
1808	1	-4.63	148.14	0.41	-3.93	121.42	0.31
1809	1	-6.66	171.16	0.48	-6.24	160.45	0.43
1810	1	-6.67	171.36	0.48	-6.26	160.75	0.43
	1	-2.44	91.72	0.25	-1.83	49.67	0.13
1811	2	-2.86	102.80	0.29	-2.43	65.34	0.17

	3	-9.18	222.34	0.62	-7.33	171.40	0.51
1812	1	-10.48	239.82	0.67	-9.07	187.22	0.63
	2	-4.18	126.78	0.35	-3.44	70.04	0.24
	3	-3.13	106.75	0.30	-2.44	49.58	0.17
1814	1	-2.10	37.69	0.11	-1.53	21.75	0.11
	2	-3.86	107.87	0.30	-3.30	78.51	0.23
1815	1	-6.50	179.75	0.50	-5.53	145.79	0.38
1816	1	-3.65	100.02	0.28	-3.19	77.93	0.22
	2	-2.02	35.28	0.11	-1.52	23.07	0.11
1818	1	-2.96	88.17	0.24	-2.27	53.72	0.16
	2	-4.01	109.99	0.31	-3.27	74.79	0.23
	3	-10.11	224.71	0.62	-8.79	189.20	0.61
182	1	-1.40	50.08	0.14	-1.24	45.33	0.12
1820	1	-10.30	255.11	0.71	-8.75	187.70	0.61
	2	-3.99	153.81	0.43	-3.27	74.24	0.23
	3	-2.83	132.37	0.37	-2.26	52.85	0.16
1822	1	-2.01	57.47	0.16	-1.37	20.29	0.10
	2	-4.13	157.96	0.44	-3.40	83.76	0.24
1823	1	-6.70	226.88	0.63	-5.44	143.01	0.38
1824	1	-8.05	158.46	0.44	-6.55	131.27	0.45
	2	-2.69	81.30	0.23	-2.33	66.69	0.17
	3	-2.20	65.29	0.18	-1.73	49.96	0.13
1826	1	-3.62	161.94	0.45	-2.89	49.67	0.20
	2	-9.83	262.94	0.73	-7.90	156.02	0.55
1827	1	-5.63	173.14	0.48	-4.73	142.16	0.36
1828	1	-8.82	202.30	0.56	-7.76	177.53	0.54
	2	-4.20	112.02	0.31	-3.67	97.09	0.25
	3	-3.76	74.61	0.21	-2.93	58.18	0.20
1830	1	-3.34	57.45	0.17	-2.88	48.92	0.20
	2	-3.46	88.59	0.25	-2.97	74.94	0.21
1831	1	-7.10	190.87	0.53	-6.24	167.08	0.43
1832	1	-3.73	94.13	0.26	-3.29	82.12	0.23
	2	-2.70	45.95	0.14	-2.12	35.36	0.15
1834	1	-2.85	60.44	0.17	-1.90	49.31	0.13
	2	-3.49	88.96	0.25	-2.87	71.77	0.20
	3	-10.43	237.98	0.66	-9.00	204.07	0.63
1836	1	-10.42	237.97	0.66	-8.99	203.56	0.62
	2	-3.46	88.62	0.25	-2.87	71.47	0.20
	3	-2.89	60.26	0.17	-1.92	48.77	0.13
1838	1	-2.65	51.04	0.14	-1.96	31.97	0.14
	2	-3.98	120.66	0.34	-3.47	86.46	0.24
1839	1	-7.27	229.72	0.64	-6.24	165.07	0.43
1840	1	-2.97	51.26	0.15	-2.10	31.71	0.15
	2	-3.71	77.70	0.22	-2.62	48.82	0.18
1841	1	-5.11	111.71	0.31	-4.29	86.22	0.30
1842	1	-4.47	174.75	0.49	-3.70	115.51	0.30
	2	-8.89	244.32	0.68	-7.64	192.25	0.53
1843	1	-5.27	170.77	0.47	-4.41	131.29	0.34
1845	1	-3.23	79.39	0.22	-2.57	62.61	0.18

1845	2	-3.72	137.70	0.38	-3.12	112.23	0.29
1846	1	-5.66	200.94	0.56	-4.82	168.14	0.43
1847	1	-4.80	166.50	0.46	-4.08	138.41	0.35
	2	-1.21	28.78	0.08	-0.88	19.14	0.06
1848	1	-3.97	132.40	0.37	-3.43	112.25	0.29
1849	1	-4.44	105.39	0.29	-3.69	85.13	0.26
	2	-3.05	115.95	0.32	-2.63	90.80	0.23
	3	-8.45	236.52	0.66	-7.38	202.32	0.52
1851	1	-8.44	235.60	0.65	-7.33	200.43	0.51
	2	-3.02	116.44	0.32	-2.63	90.08	0.23
	3	-4.46	106.16	0.29	-3.75	86.00	0.26
1853	1	-1.15	24.43	0.07	-0.79	16.52	0.05
	2	-4.85	162.37	0.45	-4.16	139.79	0.36
1854	1	-6.13	216.42	0.60	-4.83	168.06	0.43
1855	1	-4.37	170.49	0.47	-3.14	112.00	0.29
	2	-3.83	119.53	0.33	-2.86	82.18	0.21
1867	1	-4.25	89.92	0.25	-3.01	53.94	0.21
1869	1	-1.30	46.90	0.13	-0.97	28.23	0.07
1870	1	-4.89	123.94	0.34	-4.35	109.69	0.30
1871	1	-4.28	109.76	0.30	-3.78	97.34	0.26
1872	1	-3.70	88.80	0.25	-3.21	77.58	0.22
	2	-1.37	56.14	0.16	-1.21	48.82	0.12
	3	-3.93	94.29	0.26	-3.44	83.10	0.24
1873	1	-4.34	100.20	0.28	-3.74	86.23	0.26
	2	-1.42	53.76	0.15	-1.22	43.07	0.11
	3	-4.38	101.09	0.28	-3.76	86.81	0.26
1874	1	-3.47	107.05	0.30	-2.91	82.53	0.21
1875	1	-2.59	54.26	0.15	-2.11	44.14	0.15
	2	-0.83	19.91	0.06	-0.65	15.16	0.04
	3	-2.28	43.70	0.12	-1.90	36.23	0.13
1876	1	-5.55	180.60	0.50	-4.57	131.93	0.34
1877	1	-2.57	82.10	0.23	-2.21	67.24	0.17
1878	1	-2.71	57.53	0.16	-2.13	45.01	0.15
	2	-0.85	22.60	0.06	-0.65	15.91	0.05
	3	-2.39	46.27	0.13	-1.92	36.98	0.13
1879	1	-3.65	109.47	0.30	-2.86	81.18	0.21
1880	1	-4.53	102.42	0.28	-3.77	87.02	0.26
	2	-1.50	53.56	0.15	-1.23	43.71	0.11
	3	-4.60	103.62	0.29	-3.79	87.68	0.26
1881	1	-4.02	108.09	0.30	-3.20	86.31	0.22
1882	1	-5.06	116.27	0.32	-3.52	90.57	0.24
1883	1	-5.34	175.75	0.49	-4.11	116.57	0.30
1884	1	-2.32	67.21	0.19	-1.01	35.52	0.09
1885	1	-5.26	212.52	0.59	-4.47	184.95	0.47
1886	1	-4.92	201.89	0.56	-4.08	163.49	0.42
1887	1	-1.52	39.31	0.11	-1.21	31.94	0.08
1888	1	-0.49	11.66	0.03	-0.40	9.90	0.03
	2	-0.31	12.85	0.04	-0.27	11.48	0.03
1889	1	-4.20	116.72	0.32	-3.54	99.03	0.25

1890	1	-1.37	40.42	0.11	-1.08	28.67	0.07
1891	1	-1.90	52.30	0.15	-1.76	47.44	0.12
1892	1	-1.97	54.22	0.15	-1.79	48.35	0.12
1893	1	-1.41	40.37	0.11	-1.07	28.47	0.07
1894	1	-4.17	115.77	0.32	-3.50	98.02	0.25
1895	1	-0.54	14.68	0.04	-0.41	11.40	0.03
1896	1	-1.50	40.13	0.11	-1.15	30.44	0.08
1897	1	-4.70	151.75	0.42	-4.16	133.11	0.34
1898	1	-4.09	123.61	0.34	-3.21	95.88	0.25
1900	1	-4.51	140.20	0.39	-3.98	119.47	0.31
1902	1	-4.85	142.75	0.40	-4.10	113.64	0.29
1903	1	-5.06	156.09	0.43	-4.33	123.58	0.32
	2	-4.94	120.30	0.33	-4.12	95.03	0.29
1905	1	-4.97	119.54	0.33	-4.10	94.06	0.28
	2	-5.11	155.26	0.43	-4.37	123.88	0.32
1906	1	-5.43	173.42	0.48	-4.51	137.32	0.35
1908	1	-4.59	137.66	0.38	-4.03	120.54	0.31
1910	1	-4.16	136.09	0.38	-3.08	91.23	0.23
1912	1	-5.38	137.64	0.38	-4.87	124.44	0.34
1913	1	-6.11	175.75	0.49	-5.51	157.51	0.40
1914	1	-5.98	129.02	0.36	-4.47	88.90	0.31
	2	-5.94	121.80	0.34	-4.37	83.97	0.30
1916	1	-9.25	215.25	0.60	-7.38	176.26	0.51
	2	-3.08	126.99	0.35	-2.73	106.08	0.27
	3	-2.91	124.30	0.35	-2.44	100.20	0.26
1918	1	-2.49	78.07	0.22	-2.05	63.18	0.16
	2	-3.14	80.42	0.22	-2.65	67.89	0.18
1919	1	-5.53	134.29	0.37	-4.79	115.52	0.33
	2	-4.37	153.67	0.43	-3.79	131.54	0.34
	3	-5.73	165.88	0.46	-4.85	140.78	0.36
1920	1	-3.50	89.94	0.25	-2.88	75.56	0.20
	2	-4.49	78.73	0.23	-3.82	67.39	0.27
1922	1	-3.41	63.00	0.18	-2.67	44.51	0.19
	2	-3.06	106.03	0.29	-2.60	84.49	0.22
	3	-9.97	196.71	0.55	-8.18	162.89	0.57
1923	1	-9.85	196.20	0.55	-8.17	162.79	0.57
	2	-3.08	114.51	0.32	-2.60	84.93	0.22
	3	-3.44	68.53	0.19	-2.69	45.04	0.19
1925	1	-4.63	83.36	0.24	-3.68	65.43	0.26
	2	-4.12	112.64	0.31	-2.91	77.64	0.20
1926	1	-5.69	158.09	0.44	-4.75	133.19	0.34
	2	-6.24	145.89	0.41	-5.43	126.33	0.38
1927	1	-4.34	110.20	0.31	-3.14	77.53	0.22
	2	-1.83	86.74	0.24	-0.99	41.76	0.11
1929	1	-5.47	140.89	0.39	-4.20	105.54	0.29
	2	-3.64	110.84	0.31	-2.46	70.25	0.18
	3	-7.77	180.87	0.50	-5.52	128.52	0.38
1933	1	-5.20	180.46	0.50	-4.45	144.05	0.37
1935	1	-5.06	174.24	0.48	-4.38	142.45	0.36

1938	1	-5.21	165.22	0.46	-3.23	81.22	0.22
1939	1	-6.17	180.43	0.50	-3.56	92.26	0.25
1940	1	-5.95	225.10	0.63	-4.62	149.77	0.38
1941	1	-4.24	177.38	0.49	-3.47	120.20	0.31
1961	1	-8.15	197.86	0.55	-6.79	169.30	0.47
1962	1	-8.32	199.90	0.56	-6.73	168.64	0.47
1963	1	-5.23	149.15	0.41	-4.56	130.56	0.33
1964	1	-3.19	96.24	0.27	-2.72	79.58	0.20
1965	1	-2.61	63.72	0.18	-1.63	37.17	0.11
	2	-0.79	39.91	0.11	-0.57	17.59	0.04
	3	-2.47	61.82	0.17	-1.80	40.88	0.13
1966	1	-2.73	65.91	0.18	-1.66	37.64	0.12
	2	-0.86	39.82	0.11	-0.58	17.61	0.05
	3	-2.62	64.88	0.18	-1.83	41.34	0.13
1967	1	-3.44	103.22	0.29	-2.64	77.25	0.20
1968	1	-4.74	122.40	0.34	-4.04	104.71	0.28
1972	1	-5.94	199.55	0.55	-4.37	129.49	0.33
1973	1	-7.51	226.91	0.63	-4.36	129.23	0.33
1974	1	-9.83	279.95	0.78	-7.53	212.33	0.54
1975	1	-9.26	271.31	0.75	-7.52	211.54	0.54
1976	1	-3.47	103.56	0.29	-2.28	73.17	0.19
1977	1	-8.46	269.06	0.75	-3.84	118.98	0.30
1978	1	-5.81	233.78	0.65	-3.43	106.17	0.27
1979	1	-4.96	191.38	0.53	-4.16	139.61	0.36
1980	1	-6.31	236.85	0.66	-4.91	158.11	0.40
1981	1	-0.98	57.78	0.16	-0.83	48.39	0.12
1985	1	-1.05	91.42	0.25	-0.15	-1.87	0.01
1988	1	-0.91	74.61	0.21	-0.10	-1.17	0.01
1991	1	-0.72	69.27	0.19	-0.09	-1.03	0.01
1994	1	-0.61	49.70	0.14	-0.08	-0.99	0.01
1997	1	-0.59	35.25	0.10	-0.05	-0.62	0.00
2000	1	-0.54	56.17	0.16	0.00	8.31	0.02
2002	1	-0.98	33.78	0.09	-0.51	25.01	0.06
2003	1	-0.69	45.03	0.13	-0.09	1.70	0.01
2004	1	-0.96	34.61	0.10	-0.49	24.83	0.06
2005	1	-0.48	42.35	0.12	-0.09	2.93	0.01
2006	1	-0.85	29.53	0.08	-0.40	19.47	0.05
2007	1	-0.32	31.10	0.09	-0.07	2.82	0.01
2008	1	-0.78	47.00	0.13	-0.11	2.56	0.01
2009	1	-0.96	36.09	0.10	-0.51	24.96	0.06
2010	1	-0.59	44.14	0.12	-0.10	3.86	0.01
2011	1	-0.95	36.10	0.10	-0.48	24.81	0.06
2012	1	-0.42	32.93	0.09	-0.08	3.29	0.01
2013	1	-0.85	30.26	0.08	-0.39	19.46	0.05
2014	1	-0.39	25.63	0.07	-0.08	4.04	0.01
2015	1	-0.81	28.96	0.08	-0.39	18.34	0.05
2016	1	-0.83	56.31	0.16	-0.21	3.52	0.01
2017	1	-1.18	40.23	0.11	-0.68	27.22	0.07
2018	1	-0.33	29.22	0.08	0.00	13.72	0.04

2019	1	-0.90	36.26	0.10	-0.37	21.66	0.06
2020	1	-0.81	28.30	0.08	-0.39	18.20	0.05
2021	1	-0.35	24.99	0.07	-0.08	4.17	0.01
2022	1	-0.90	35.53	0.10	-0.37	21.19	0.05
2023	1	-0.38	30.23	0.08	0.00	13.49	0.03
2024	1	-1.08	36.99	0.10	-0.66	27.22	0.07
2025	1	-0.64	49.64	0.14	-0.16	2.19	0.01
2026	1	-1.71	247.94	0.69	-0.67	78.88	0.20
2027	1	-1.77	225.86	0.63	-0.95	81.92	0.21
2028	1	-1.36	168.79	0.47	0.00	49.96	0.13
2029	1	-0.92	121.20	0.34	-0.23	37.96	0.10
2030	1	-0.64	96.47	0.27	-0.17	13.42	0.03
2032	1	-1.67	220.85	0.61	-0.94	83.26	0.21
2035	1	-0.64	95.24	0.26	-0.18	13.47	0.03
2047	1	-1.24	127.47	0.35	-0.45	26.05	0.07
2048	1	-1.08	107.83	0.30	-0.41	16.52	0.04
2049	1	-1.19	114.53	0.32	-0.44	14.24	0.04
2053	1	-1.21	119.34	0.33	-0.44	14.57	0.04
2055	1	-7.30	181.95	0.51	-6.24	150.19	0.43
2056	1	-7.63	185.06	0.51	-6.33	152.34	0.44
2060	1	-3.19	258.05	0.72	-2.41	71.05	0.18
2061	1	-3.19	257.90	0.72	-2.44	70.99	0.18
2062	1	-4.04	178.57	0.50	-3.07	113.17	0.29
2063	1	-4.44	154.31	0.43	-2.73	77.06	0.20
	2	-8.73	228.42	0.63	-5.79	140.11	0.40
2064	1	-5.68	262.13	0.73	-3.97	147.90	0.38
	2	-3.86	175.81	0.49	-2.66	88.31	0.23
2065	1	-3.81	171.85	0.48	-2.55	81.58	0.21
	2	-2.93	150.66	0.42	-2.15	71.83	0.18
	3	-3.80	198.31	0.55	-2.38	86.82	0.22
2066	1	-4.06	197.60	0.55	-2.55	87.26	0.22
	2	-3.16	215.75	0.60	-2.41	101.44	0.26
	3	-4.07	245.35	0.68	-2.86	114.90	0.29
2067	1	-4.16	251.45	0.70	-2.98	124.62	0.32
	2	-6.13	263.76	0.73	-4.30	150.05	0.38
2068	1	-7.45	244.78	0.68	-6.09	165.13	0.42
2069	1	-7.56	246.40	0.68	-6.17	167.09	0.43
2070	1	-7.33	218.40	0.61	-6.36	179.16	0.46
2071	1	-3.90	135.00	0.38	-3.40	96.35	0.25
	2	-6.68	171.43	0.48	-5.76	140.51	0.40
2072	1	-13.19	256.29	0.71	-11.46	219.48	0.80
	2	-6.42	208.10	0.58	-5.50	167.96	0.43
2073	1	-8.02	218.68	0.61	-6.96	183.35	0.48
	2	-13.27	246.42	0.69	-11.41	209.42	0.79
2074	1	-4.97	151.54	0.42	-3.96	124.72	0.32
	2	-6.69	160.34	0.45	-5.59	135.83	0.39
2075	1	-6.70	205.59	0.57	-5.50	171.18	0.44
2076	1	-5.12	157.44	0.44	-4.08	129.30	0.33
	2	-6.09	160.73	0.45	-5.06	136.02	0.35

2077	1	-6.73	207.37	0.58	-5.53	172.69	0.44
	2	-4.19	108.06	0.30	-2.94	76.87	0.20
2078	1	-5.86	179.64	0.50	-5.11	155.03	0.40
2079	1	-5.31	162.67	0.45	-4.26	130.09	0.33
	2	-11.45	234.23	0.65	-9.48	194.33	0.66
2080	1	-2.67	125.06	0.35	-1.91	71.73	0.18
2081	1	-1.24	76.27	0.21	-1.06	33.34	0.09
	2	-1.14	79.24	0.22	-0.68	19.76	0.05
2082	1	-3.39	112.73	0.31	-2.14	74.11	0.19
	2	-1.62	54.87	0.15	-0.96	30.78	0.08
	3	-0.54	21.52	0.06	-0.31	6.08	0.02
2083	1	-1.79	63.04	0.18	-0.93	24.84	0.06
2084	1	-1.07	67.15	0.19	-0.63	17.13	0.04
	2	-1.15	64.53	0.18	-0.96	27.79	0.07
2085	1	-2.46	105.01	0.29	-1.75	60.18	0.15
2086	1	-1.73	61.02	0.17	-0.86	22.33	0.06
2087	1	-0.53	21.46	0.06	-0.31	5.96	0.02
	2	-1.65	56.05	0.16	-1.00	31.63	0.08
	3	-3.45	114.83	0.32	-2.19	75.83	0.19
2088	1	-1.85	95.13	0.26	-1.29	49.59	0.13
2093	1	-1.22	34.91	0.10	-0.46	13.68	0.03
2098	1	-1.06	33.43	0.09	-0.41	11.84	0.03
2103	1	-0.91	30.17	0.08	-0.34	9.61	0.02
2108	1	-1.02	32.89	0.09	-0.38	11.44	0.03
2113	1	-0.84	50.60	0.14	-0.31	5.58	0.02
2118	1	-0.82	49.90	0.14	-0.29	4.94	0.02
2123	1	-1.01	32.53	0.09	-0.37	11.00	0.03
2128	1	-0.92	30.59	0.08	-0.34	9.92	0.03
2133	1	-1.00	31.77	0.09	-0.36	10.40	0.03
2138	1	-1.17	32.71	0.09	-0.41	12.16	0.03
2143	1	-1.97	101.81	0.28	-1.39	54.14	0.14
2148	1	-9.48	237.79	0.66	-7.23	154.04	0.50
	2	-4.11	270.14	0.75	-3.16	112.47	0.29
2149	1	-5.19	234.82	0.65	-4.13	122.85	0.31
	2	-8.70	224.42	0.62	-6.73	143.12	0.47
2150	1	-10.82	258.15	0.72	-7.68	163.11	0.53
	2	-4.79	251.11	0.70	-3.00	105.98	0.27
2151	1	-5.12	216.82	0.60	-4.09	121.39	0.31
	2	-9.96	239.83	0.67	-6.36	134.94	0.44
2152	1	-4.44	216.92	0.60	-3.16	122.10	0.31
2153	1	-2.61	158.80	0.44	-1.52	58.22	0.15
2154	1	-3.26	191.34	0.53	-2.30	88.20	0.23
2155	1	-2.36	169.77	0.47	-1.56	60.36	0.15
2156	1	-2.36	169.89	0.47	-1.57	60.67	0.16
2157	1	-3.27	191.46	0.53	-2.31	88.45	0.23
2158	1	-2.55	159.49	0.44	-1.46	56.07	0.14
2159	1	-4.55	221.85	0.62	-3.18	122.90	0.31
2160	1	-0.55	9.77	0.03	-0.15	-1.38	0.01
2165	1	-0.45	6.69	0.02	-0.17	-1.23	0.01

2170	1	-0.45	5.12	0.02	-0.13	-1.46	0.01
2175	1	-0.49	6.10	0.03	-0.14	-1.51	0.01
2180	1	-0.61	-1.49	0.03	-0.20	-1.96	0.01
2185	1	-0.58	-1.52	0.03	-0.19	-1.92	0.01
2190	1	-0.50	6.67	0.03	-0.12	-1.55	0.01
2195	1	-0.51	6.98	0.03	-0.13	-1.48	0.01
2200	1	-0.49	7.93	0.03	-0.13	-1.49	0.01
2205	1	-0.58	10.67	0.03	-0.12	-1.35	0.01
2210	1	-1.17	31.18	0.09	-0.56	9.00	0.04
2215	1	-1.26	34.48	0.10	-0.62	11.03	0.04
2220	1	-10.80	245.44	0.68	-9.66	217.43	0.67
	2	-6.46	214.97	0.60	-5.80	187.19	0.48
2223	1	-3.36	108.32	0.30	-1.63	32.67	0.11
2224	1	-5.21	220.06	0.61	-4.62	187.32	0.48
	2	-11.19	253.96	0.71	-10.04	226.40	0.70
2225	1	-10.24	230.70	0.64	-9.10	204.65	0.63
	2	-4.73	192.13	0.53	-4.14	167.34	0.43
2226	1	-3.90	204.85	0.57	-3.35	78.88	0.23
2228	1	-5.95	191.21	0.53	-5.27	168.45	0.43
	2	-10.05	225.36	0.63	-8.90	199.22	0.62
2229	1	-9.18	240.75	0.67	-8.06	208.89	0.56
	2	-4.09	166.81	0.46	-3.52	137.15	0.35
2230	1	-5.10	163.81	0.46	-4.46	137.88	0.35
	2	-8.77	230.54	0.64	-7.66	198.08	0.53
2231	1	-10.54	226.54	0.63	-9.38	201.57	0.65
	2	-6.57	185.72	0.52	-5.82	164.37	0.42
2232	1	-4.94	166.98	0.46	-4.29	144.89	0.37
	2	-11.62	249.21	0.69	-10.37	221.99	0.72
2233	1	-10.90	238.00	0.66	-9.27	202.51	0.64
	2	-5.03	177.61	0.49	-4.20	148.48	0.38
2234	1	-6.44	188.25	0.52	-5.46	159.00	0.41
	2	-10.57	231.30	0.64	-8.97	196.04	0.62
2235	1	-5.89	171.84	0.48	-5.03	146.09	0.37
	2	-3.30	119.03	0.33	-2.85	101.16	0.26
2236	1	-3.35	123.46	0.34	-2.90	104.41	0.27
	2	-7.57	215.65	0.60	-6.61	186.53	0.48
2237	1	-1.88	82.25	0.23	-1.58	70.68	0.18
2238	1	-1.16	33.85	0.09	-1.04	26.58	0.07
	2	-2.55	78.12	0.22	-2.17	65.19	0.17
	3	-2.45	97.01	0.27	-2.04	79.95	0.20
2239	1	-1.59	57.24	0.16	-1.37	47.78	0.12
	2	-2.70	91.53	0.25	-2.54	86.34	0.22
2240	1	-1.63	55.22	0.15	-1.48	48.57	0.12
	2	-0.53	30.07	0.08	-0.46	25.50	0.07
	3	-1.84	80.24	0.22	-1.70	75.92	0.19
2241	1	-9.04	265.00	0.74	-8.01	234.58	0.60
	2	-3.29	123.85	0.34	-2.93	108.70	0.28
2242	1	-4.88	178.87	0.50	-4.28	156.99	0.40
	2	-7.89	232.25	0.65	-6.94	204.89	0.52

2243	1	-11.61	247.40	0.69	-10.00	213.12	0.69
	2	-5.23	174.27	0.48	-4.45	148.24	0.38
2244	1	-6.54	182.96	0.51	-5.62	156.23	0.40
	2	-11.15	238.03	0.66	-9.55	203.70	0.66
2245	1	-6.01	202.62	0.56	-5.46	182.11	0.47
2246	1	-3.23	109.92	0.31	-2.95	98.98	0.25
	2	-5.27	119.86	0.33	-4.80	108.62	0.33
2247	1	-0.74	30.76	0.09	-0.45	16.83	0.04
2252	1	-0.75	31.01	0.09	-0.43	16.61	0.04
2257	1	-0.83	34.67	0.10	-0.47	19.05	0.05
2262	1	-0.88	37.16	0.10	-0.47	19.29	0.05
2267	1	-0.72	26.82	0.07	-0.34	12.41	0.03
2272	1	-0.66	24.83	0.07	-0.38	13.81	0.04
2277	1	-0.67	18.50	0.05	-0.42	9.20	0.03
2282	1	-0.50	22.91	0.06	-0.32	15.76	0.04
2287	1	-0.76	32.22	0.09	-0.47	18.73	0.05
2292	1	-0.73	30.91	0.09	-0.47	17.28	0.04
2297	1	-0.99	32.74	0.09	-0.69	22.46	0.06
2302	1	-0.98	32.26	0.09	-0.66	21.96	0.06
2307	1	-4.47	162.66	0.45	-3.86	143.06	0.37
	2	-2.11	85.14	0.24	-1.83	74.41	0.19
	3	-6.30	230.88	0.64	-5.52	204.26	0.52
2308	1	-5.51	219.87	0.61	-4.87	194.61	0.50
2309	1	-3.18	124.75	0.35	-2.71	109.18	0.28
	2	-4.67	171.07	0.48	-4.07	151.19	0.39
2310	1	-4.16	165.32	0.46	-3.64	145.57	0.37
2311	1	-5.91	199.11	0.55	-5.10	170.62	0.44
2312	1	-4.67	158.72	0.44	-4.09	137.37	0.35
	2	-10.29	220.20	0.61	-8.96	191.31	0.62
2313	1	-1.99	68.63	0.19	-1.60	56.94	0.15
	2	-1.03	45.43	0.13	-0.79	34.02	0.09
	3	-0.17	15.71	0.04	-0.11	7.28	0.02
2314	1	-0.23	21.17	0.06	-0.10	7.53	0.02
	2	-0.91	34.06	0.09	-0.65	24.18	0.06
2315	1	-1.79	80.44	0.22	-1.48	65.32	0.17
2316	1	-0.92	44.61	0.12	-0.75	31.72	0.08
	2	-1.01	47.28	0.13	-0.71	31.73	0.08
2317	1	-0.86	48.01	0.13	-0.75	32.79	0.08
2318	1	-1.52	69.44	0.19	-1.32	54.81	0.14
	2	-1.94	83.88	0.23	-1.63	67.32	0.17
2319	1	-0.99	46.77	0.13	-0.70	31.61	0.08
	2	-0.90	43.88	0.12	-0.74	31.37	0.08
2320	1	-1.80	80.61	0.22	-1.49	65.50	0.17
2321	1	-0.82	35.50	0.10	-0.56	24.31	0.06
2322	1	-0.22	14.64	0.04	-0.15	8.26	0.02
	2	-1.91	69.72	0.19	-1.49	56.99	0.15
2323	1	-1.70	69.01	0.19	-1.46	63.24	0.16
	2	-1.31	43.84	0.12	-1.26	39.55	0.10
2324	1	-2.59	98.11	0.27	-2.48	91.55	0.23

2324	2	-1.58	61.87	0.17	-1.36	50.70	0.13
	1	-2.58	105.65	0.29	-2.23	90.94	0.23
2325	2	-2.82	95.51	0.27	-2.49	83.83	0.21
	3	-1.59	61.22	0.17	-1.50	56.79	0.15
2326	1	-0.73	28.70	0.08	-0.63	25.16	0.06
2327	1	0.00	13.27	0.04	0.00	9.42	0.02
2332	1	-10.72	238.44	0.66	-9.42	209.66	0.65
	2	-6.71	214.03	0.59	-5.93	188.68	0.48
2333	1	-4.57	145.94	0.41	-4.00	127.59	0.33
	2	-10.87	241.74	0.67	-9.59	213.02	0.67
2334	1	-10.87	239.58	0.67	-9.61	211.53	0.67
	2	-4.56	142.21	0.40	-4.00	124.26	0.32
2335	1	-6.74	209.68	0.58	-5.96	184.41	0.47
	2	-10.70	235.04	0.65	-9.45	207.16	0.66
2336	1	-10.77	238.29	0.66	-9.53	210.44	0.66
	2	-6.72	211.92	0.59	-5.94	186.59	0.48
2337	1	-4.55	144.64	0.40	-4.00	126.94	0.32
	2	-10.77	238.90	0.66	-9.53	211.30	0.66
2338	1	-10.83	239.83	0.67	-9.55	211.13	0.66
	2	-4.60	145.35	0.40	-4.03	126.89	0.32
2339	1	-6.72	212.93	0.59	-5.94	187.51	0.48
	2	-10.76	238.46	0.66	-9.47	209.64	0.66
2340	1	-10.33	242.52	0.67	-9.10	213.52	0.63
	2	-5.95	168.30	0.47	-5.25	148.39	0.38
2341	1	-4.65	166.07	0.46	-4.05	144.72	0.37
	2	-11.09	259.64	0.72	-9.80	229.16	0.68
2342	1	-10.80	251.81	0.70	-9.55	222.54	0.66
	2	-4.69	165.83	0.46	-4.11	145.25	0.37
2343	1	-5.98	167.06	0.46	-5.28	147.11	0.38
	2	-10.56	246.53	0.68	-9.33	217.51	0.65
2344	1	-4.66	125.82	0.35	-4.29	115.25	0.30
	2	-3.80	128.08	0.36	-3.42	113.37	0.29
2345	1	-3.78	126.66	0.35	-3.40	112.19	0.29
	2	-4.46	119.86	0.33	-4.13	110.19	0.29
2346	1	-10.64	251.44	0.70	-9.39	222.17	0.65
	2	-5.93	169.81	0.47	-5.24	150.26	0.38
2347	1	-4.70	170.97	0.47	-4.13	150.58	0.38
	2	-10.69	252.20	0.70	-9.45	223.08	0.66
2348	1	-11.03	256.34	0.71	-9.73	225.86	0.68
	2	-4.70	164.76	0.46	-4.10	143.39	0.37
2349	1	-5.98	166.81	0.46	-5.29	146.86	0.38
	2	-10.39	242.11	0.67	-9.15	212.97	0.64
2350	1	-10.66	237.28	0.66	-9.46	210.31	0.66
	2	-4.56	145.71	0.40	-4.02	127.90	0.33
2351	1	-6.39	203.13	0.56	-5.65	178.79	0.46
	2	-10.35	229.91	0.64	-9.14	202.82	0.63
2352	1	-10.34	230.78	0.64	-9.12	203.65	0.63
	2	-6.37	204.52	0.57	-5.63	180.39	0.46
2353	1	-4.53	147.33	0.41	-3.99	129.60	0.33

2350	2	-10.66	238.89	0.66	-9.46	211.94	0.66
2354	1	-0.37	16.86	0.05	-0.20	11.85	0.03
2359	1	-0.37	17.23	0.05	-0.18	11.76	0.03
2364	1	-0.42	19.74	0.05	-0.20	13.42	0.03
2369	1	-0.43	21.12	0.06	-0.18	13.80	0.04
2374	1	-0.47	24.82	0.07	-0.19	16.01	0.04
2379	1	-0.44	23.21	0.06	-0.21	15.68	0.04
2384	1	-0.47	21.57	0.06	-0.23	13.96	0.04
2389	1	-0.51	21.92	0.06	-0.27	14.52	0.04
2394	1	-0.40	18.14	0.05	-0.22	12.57	0.03
2399	1	-0.38	17.10	0.05	-0.21	11.97	0.03
2404	1	-0.66	26.56	0.07	-0.54	22.18	0.06
2409	1	-0.72	27.92	0.08	-0.60	23.53	0.06
2414	1	-3.26	122.83	0.34	-2.86	108.32	0.28
	2	-1.43	62.43	0.17	-1.24	54.13	0.14
	3	-4.46	167.33	0.46	-3.91	147.45	0.38
2415	1	-3.91	159.48	0.44	-3.44	141.16	0.36
2416	1	-3.36	125.75	0.35	-2.93	110.42	0.28
	2	-1.43	61.68	0.17	-1.25	53.52	0.14
	3	-4.50	168.72	0.47	-3.96	148.69	0.38
2417	1	-3.98	160.79	0.45	-3.51	142.32	0.36
2418	1	-5.39	169.14	0.47	-4.72	148.25	0.38
2419	1	-3.73	119.45	0.33	-3.31	105.51	0.27
	2	-9.55	247.66	0.69	-8.45	219.22	0.59
2420	1	-9.48	244.94	0.68	-8.38	216.34	0.58
	2	-3.68	116.59	0.32	-3.26	102.53	0.26
2421	1	-5.41	169.19	0.47	-4.74	148.10	0.38
2422	1	-1.35	43.52	0.12	-1.10	36.84	0.09
	2	-0.68	29.35	0.08	-0.53	22.96	0.06
	3	-0.17	12.03	0.03	-0.12	6.52	0.02
2423	1	-0.16	13.99	0.04	-0.08	6.38	0.02
	2	-0.57	21.24	0.06	-0.44	16.05	0.04
2424	1	-1.14	51.53	0.14	-0.97	43.39	0.11
2425	1	-0.60	29.22	0.08	-0.51	21.81	0.06
	2	-0.57	27.87	0.08	-0.42	19.19	0.05
2426	1	-0.57	28.90	0.08	-0.43	19.82	0.05
	2	-0.60	29.90	0.08	-0.52	22.21	0.06
2427	1	-1.14	52.33	0.15	-0.97	44.00	0.11
2428	1	-0.60	27.90	0.08	-0.45	20.41	0.05
2429	1	-0.18	12.62	0.04	-0.12	7.08	0.02
	2	-0.71	30.98	0.09	-0.55	24.41	0.06
	3	-1.40	45.43	0.13	-1.14	38.45	0.10
2430	1	-10.71	238.76	0.66	-9.45	210.65	0.66
	2	-6.75	216.12	0.60	-5.98	190.73	0.49
	3	-10.71	238.49	0.66	-9.48	210.95	0.66
2432	1	-10.72	237.16	0.66	-9.50	209.94	0.66
	2	-4.59	144.42	0.40	-4.05	127.34	0.33
2433	1	-6.77	211.37	0.59	-5.99	186.65	0.48
	2	-10.71	235.86	0.66	-9.48	208.50	0.66

2434	1	-10.73	236.40	0.66	-9.50	208.99	0.66
	2	-6.77	211.71	0.59	-6.00	186.97	0.48
2435	1	-4.60	144.88	0.40	-4.06	127.74	0.33
	2	-10.70	236.75	0.66	-9.48	209.56	0.66
2436	1	-10.70	238.14	0.66	-9.46	210.61	0.66
	2	-4.63	148.21	0.41	-4.09	130.71	0.33
2437	1	-6.75	215.92	0.60	-5.97	190.59	0.49
	2	-10.73	239.10	0.66	-9.47	211.02	0.66
2438	1	-10.46	245.02	0.68	-9.26	216.65	0.64
	2	-5.99	168.87	0.47	-5.31	149.47	0.38
	3	-10.81	252.81	0.70	-9.58	223.96	0.67
2440	1	-10.64	248.95	0.69	-9.42	220.48	0.65
	2	-4.75	169.04	0.47	-4.20	149.36	0.38
2441	1	-5.99	168.55	0.47	-5.30	149.24	0.38
	2	-10.57	247.54	0.69	-9.36	219.13	0.65
2442	1	-7.27	251.56	0.70	-6.35	219.32	0.56
2443	1	-7.27	252.00	0.70	-6.35	219.73	0.56
2444	1	-10.59	248.06	0.69	-9.38	219.52	0.65
	2	-5.99	168.58	0.47	-5.31	149.18	0.38
2445	1	-4.77	169.49	0.47	-4.21	149.66	0.38
	2	-10.61	248.28	0.69	-9.40	219.85	0.65
2446	1	-10.78	252.23	0.70	-9.55	223.43	0.66
	2	-4.73	169.00	0.47	-4.17	149.22	0.38
2447	1	-5.99	168.99	0.47	-5.30	149.62	0.38
	2	-10.50	246.01	0.68	-9.29	217.67	0.65
2448	1	-11.09	259.98	0.72	-9.84	230.58	0.68
	2	-5.09	181.77	0.50	-4.51	160.74	0.41
2449	1	-6.08	171.03	0.48	-5.39	151.43	0.39
	2	-11.04	258.44	0.72	-9.78	228.76	0.68
2450	1	-11.04	258.35	0.72	-9.78	228.60	0.68
	2	-6.08	171.01	0.48	-5.40	151.36	0.39
2451	1	-5.09	181.68	0.50	-4.51	160.54	0.41
	2	-11.09	259.97	0.72	-9.84	230.53	0.68
2452	1	-0.17	9.81	0.03	-0.09	7.39	0.02
2457	1	-0.17	10.38	0.03	-0.07	7.44	0.02
2462	1	-0.19	11.99	0.03	-0.07	8.36	0.02
2467	1	-0.20	12.84	0.04	-0.05	8.66	0.02
2472	1	-0.23	14.97	0.04	-0.06	10.20	0.03
2477	1	-0.23	14.67	0.04	-0.08	10.27	0.03
2482	1	-0.21	13.17	0.04	-0.07	9.08	0.02
2487	1	-0.17	11.39	0.03	-0.06	8.12	0.02
2492	1	-0.19	10.88	0.03	-0.09	8.02	0.02
2497	1	-0.18	10.12	0.03	-0.10	7.62	0.02
2502	1	-0.30	10.42	0.03	-0.24	8.36	0.02
2507	1	-0.32	11.61	0.03	-0.26	9.34	0.02
2512	1	-3.26	125.99	0.35	-2.89	111.39	0.28
	2	-1.51	67.43	0.19	-1.32	59.03	0.15
	3	-4.62	176.03	0.49	-4.09	155.70	0.40
2513	1	-4.05	167.48	0.47	-3.59	148.23	0.38

2514	1	-3.32	128.31	0.36	-2.94	113.37	0.29
	2	-1.49	66.72	0.19	-1.31	58.37	0.15
	3	-4.62	176.24	0.49	-4.10	155.79	0.40
2515	1	-4.05	167.43	0.47	-3.58	147.95	0.38
2516	1	-5.98	208.40	0.58	-5.29	184.04	0.47
2517	1	-3.90	138.22	0.38	-3.47	122.48	0.31
	2	-9.02	210.46	0.58	-8.01	186.69	0.56
2518	1	-8.99	209.86	0.58	-7.97	186.04	0.55
	2	-3.88	137.69	0.38	-3.44	121.88	0.31
2519	1	-6.01	209.55	0.58	-5.32	185.09	0.47
2520	1	-1.04	33.09	0.09	-0.90	28.87	0.07
	2	-0.41	16.90	0.05	-0.35	14.18	0.04
	3	-0.17	6.72	0.02	-0.13	4.73	0.01
2521	1	-0.16	7.79	0.02	-0.14	5.65	0.01
	2	-0.65	27.17	0.08	-0.56	22.97	0.06
2522	1	-0.97	42.81	0.12	-0.85	37.42	0.10
2523	1	-0.54	22.46	0.06	-0.47	19.11	0.05
	2	-0.71	31.08	0.09	-0.60	25.79	0.07
2524	1	-0.72	31.30	0.09	-0.60	25.92	0.07
	2	-0.54	22.53	0.06	-0.47	19.08	0.05
2525	1	-0.97	42.91	0.12	-0.85	37.43	0.10
2526	1	-0.63	26.50	0.07	-0.53	21.96	0.06
	2	-0.16	8.21	0.02	-0.14	5.76	0.01
2527	1	-0.17	7.20	0.02	-0.14	4.90	0.01
	2	-0.43	17.63	0.05	-0.36	14.60	0.04
	3	-1.06	33.71	0.09	-0.92	29.44	0.08
2535	1	-10.00	224.91	0.62	-8.34	160.07	0.58
	2	-5.94	194.60	0.54	-4.98	119.64	0.35
2536	1	-4.83	212.87	0.59	-3.86	113.03	0.29
	2	-10.51	229.67	0.64	-8.81	169.89	0.61
2537	1	-10.24	207.93	0.58	-8.74	168.52	0.61
	2	-4.44	163.48	0.45	-3.85	112.82	0.29
2538	1	-6.40	205.48	0.57	-5.63	165.66	0.42
	2	-10.04	198.92	0.55	-8.40	161.66	0.58
2539	1	-10.07	199.33	0.55	-8.42	161.92	0.59
	2	-6.41	205.62	0.57	-5.64	165.48	0.42
2540	1	-4.46	164.05	0.46	-3.87	113.03	0.29
	2	-10.21	207.33	0.58	-8.71	167.83	0.60
2541	1	-10.43	228.35	0.63	-8.75	168.56	0.61
	2	-4.85	213.86	0.59	-3.88	113.41	0.29
2542	1	-5.93	194.80	0.54	-4.97	119.37	0.35
	2	-10.10	226.89	0.63	-8.43	161.66	0.59
2543	1	-10.81	232.02	0.64	-8.60	177.07	0.60
	2	-6.52	175.34	0.49	-5.42	132.30	0.38
	3	-6.29	176.62	0.49	-5.27	134.23	0.37
2544	1	-4.85	173.65	0.48	-3.91	117.43	0.30
	2	-4.05	118.82	0.33	-3.23	76.86	0.22
	3	-11.49	215.23	0.60	-9.49	172.60	0.66
	1	-10.98	207.02	0.58	-9.06	164.92	0.63

2545	2	-3.65	112.44	0.31	-2.91	69.43	0.20
	3	-5.08	184.69	0.51	-4.02	120.89	0.31
2546	1	-6.38	186.25	0.52	-5.25	133.47	0.36
	2	-6.49	181.90	0.51	-5.35	130.09	0.37
	3	-10.40	198.62	0.55	-8.61	156.83	0.60
2547	1	-7.74	208.26	0.58	-6.29	147.67	0.44
	2	-3.53	199.66	0.55	-3.07	108.64	0.28
	3	-5.02	184.45	0.51	-4.09	115.84	0.30
2548	1	-5.02	184.53	0.51	-4.09	115.86	0.30
	2	-3.53	199.61	0.55	-3.07	108.63	0.28
	3	-7.75	208.50	0.58	-6.28	147.68	0.44
2549	1	-10.42	198.79	0.55	-8.62	156.89	0.60
	2	-6.50	181.91	0.51	-5.35	130.04	0.37
	3	-6.38	186.31	0.52	-5.26	133.45	0.37
2550	1	-5.09	184.82	0.51	-4.02	120.93	0.31
	2	-3.63	112.02	0.31	-2.90	69.00	0.20
	3	-10.96	206.64	0.57	-9.05	164.57	0.63
2551	1	-11.37	213.16	0.59	-9.38	170.78	0.65
	2	-3.95	116.80	0.32	-3.15	75.07	0.22
	3	-4.88	174.69	0.49	-3.93	118.36	0.30
2552	1	-6.26	176.22	0.49	-5.25	133.88	0.36
	2	-6.47	174.42	0.48	-5.38	131.47	0.37
	3	-10.39	197.50	0.55	-8.28	151.18	0.57
2553	1	-4.35	136.35	0.38	-3.49	111.24	0.28
2554	1	-3.61	119.77	0.33	-3.02	96.75	0.25
	2	-8.48	221.24	0.61	-7.14	185.29	0.50
2555	1	-9.80	262.39	0.73	-8.29	214.13	0.58
	2	-4.23	155.38	0.43	-3.55	111.54	0.29
2556	1	-5.82	203.09	0.56	-4.89	154.58	0.40
	2	-9.11	246.22	0.68	-7.62	197.84	0.53
2557	1	-11.15	254.47	0.71	-9.43	207.38	0.65
	2	-5.51	200.10	0.56	-4.66	145.15	0.37
	3	-6.26	176.46	0.49	-5.25	133.80	0.36
2558	1	-6.27	176.70	0.49	-5.25	133.90	0.36
	2	-5.51	200.25	0.56	-4.67	145.31	0.37
	3	-11.17	254.82	0.71	-9.43	207.33	0.65
2559	1	-9.04	244.53	0.68	-7.55	195.98	0.52
	2	-5.82	203.11	0.56	-4.89	154.67	0.40
2560	1	-4.21	154.58	0.43	-3.53	110.78	0.28
	2	-9.86	263.91	0.73	-8.35	215.66	0.58
2561	1	-8.36	218.46	0.61	-7.04	183.00	0.49
	2	-3.51	116.97	0.32	-2.94	94.63	0.24
2562	1	-4.49	141.61	0.39	-3.47	110.80	0.28
2563	1	-1.04	73.49	0.20	-0.69	24.34	0.06
2568	1	-0.88	27.53	0.08	-0.47	13.48	0.03
2573	1	-0.89	29.39	0.08	-0.48	14.25	0.04
2578	1	-0.83	28.85	0.08	-0.43	13.21	0.03
2583	1	-0.90	28.89	0.08	-0.45	13.31	0.03
2588	1	-0.74	45.65	0.13	-0.41	11.82	0.03

2593	1	-0.72	45.26	0.13	-0.39	11.26	0.03
2598	1	-0.93	29.59	0.08	-0.45	13.37	0.03
2603	1	-0.87	29.82	0.08	-0.44	13.54	0.03
2608	1	-0.85	28.46	0.08	-0.44	13.00	0.03
2613	1	-0.81	25.72	0.07	-0.40	11.56	0.03
2618	1	-0.97	72.04	0.20	-0.64	22.93	0.06
2623	1	-2.51	77.79	0.22	-2.27	68.99	0.18
2624	1	-3.70	110.87	0.31	-3.27	98.57	0.25
2625	1	-3.58	109.82	0.31	-3.13	94.51	0.24
2626	1	-5.36	166.52	0.46	-4.63	139.12	0.36
2627	1	-2.60	84.70	0.24	-2.19	64.15	0.16
2628	1	-10.21	245.46	0.68	-8.91	208.36	0.62
	2	-6.46	205.28	0.57	-5.61	167.99	0.43
2629	1	-6.46	205.22	0.57	-5.61	168.04	0.43
	2	-10.21	245.54	0.68	-8.89	208.13	0.62
2630	1	-2.54	82.55	0.23	-2.14	62.88	0.16
2631	1	-5.40	167.41	0.47	-4.68	140.41	0.36
2632	1	-3.17	87.60	0.24	-2.77	75.50	0.19
2633	1	-3.21	87.14	0.24	-2.83	77.28	0.20
2634	1	-2.23	62.82	0.17	-2.01	55.48	0.14
2635	1	-1.79	255.17	0.71	-0.66	81.09	0.21
2638	1	-1.36	169.12	0.47	0.00	50.47	0.13
2640	1	-0.92	121.32	0.34	-0.23	38.75	0.10
2642	1	-9.82	201.59	0.56	-8.32	158.82	0.58
	2	-6.31	219.84	0.61	-5.48	158.91	0.41
	3	-5.76	160.69	0.45	-4.96	118.01	0.34
2643	1	-4.65	167.99	0.47	-3.84	109.43	0.28
	2	-10.33	208.11	0.58	-8.91	170.23	0.62
2644	1	-10.17	197.42	0.55	-8.83	168.64	0.61
	2	-4.39	138.17	0.38	-3.84	109.27	0.28
2645	1	-6.31	187.54	0.52	-5.61	162.52	0.42
	2	-9.90	188.33	0.52	-8.41	160.38	0.58
2646	1	-9.92	189.03	0.53	-8.43	160.56	0.59
	2	-6.32	188.30	0.52	-5.62	162.50	0.42
2647	1	-4.40	139.78	0.39	-3.85	109.45	0.28
	2	-10.15	197.35	0.55	-8.81	168.12	0.61
2648	1	-10.24	207.10	0.58	-8.84	168.58	0.61
	2	-4.68	170.40	0.47	-3.86	109.89	0.28
2649	1	-5.76	161.71	0.45	-4.96	117.67	0.34
	2	-6.28	220.75	0.61	-5.46	157.96	0.40
	3	-9.94	204.54	0.57	-8.42	160.64	0.58
2650	1	-10.66	252.02	0.70	-8.66	200.68	0.60
	2	-6.99	203.88	0.57	-5.89	162.45	0.42
2651	1	-5.16	201.64	0.56	-4.31	149.10	0.38
	2	-11.02	261.01	0.73	-9.27	214.56	0.64
2652	1	-11.43	235.04	0.65	-9.60	193.00	0.67
	2	-3.97	126.19	0.35	-3.28	89.54	0.23
	3	-5.16	162.19	0.45	-4.13	118.21	0.30
	1	-7.19	225.02	0.63	-6.02	173.35	0.44

2653	2	-7.33	219.79	0.61	-6.13	168.87	0.43
	3	-10.82	224.84	0.62	-9.05	181.95	0.63
2654	1	-7.71	190.06	0.53	-6.34	145.06	0.44
	2	-3.60	165.27	0.46	-3.08	104.24	0.27
2655	3	-5.13	162.01	0.45	-4.19	113.22	0.29
	1	-5.13	161.99	0.45	-4.20	113.30	0.29
2656	2	-3.59	165.11	0.46	-3.08	104.10	0.27
	3	-7.71	190.38	0.53	-6.36	145.47	0.44
2657	1	-10.85	225.51	0.63	-9.07	182.32	0.63
	2	-7.35	220.65	0.61	-6.15	169.33	0.43
2658	3	-6.56	171.46	0.48	-5.46	132.19	0.38
	1	-5.21	163.80	0.45	-4.18	119.31	0.30
2659	2	-3.90	124.68	0.35	-3.22	87.74	0.22
	3	-11.37	233.69	0.65	-9.54	191.66	0.66
2660	1	-11.81	241.78	0.67	-9.94	199.92	0.69
	2	-5.62	222.31	0.62	-4.73	170.28	0.44
2661	1	-7.09	216.48	0.60	-6.02	173.46	0.44
	2	-7.32	213.08	0.59	-6.17	170.26	0.44
2662	3	-11.47	270.80	0.75	-9.36	216.93	0.65
	1	-3.73	126.31	0.35	-3.14	100.71	0.26
2663	1	-7.49	237.93	0.66	-6.38	202.20	0.52
	1	-9.59	252.62	0.70	-8.21	213.31	0.57
2664	2	-4.10	136.46	0.38	-3.46	110.52	0.28
	1	-5.75	187.36	0.52	-4.87	154.38	0.39
2665	2	-8.99	236.26	0.66	-7.59	196.95	0.53
	1	-10.96	246.85	0.69	-9.35	207.35	0.65
2666	2	-6.84	224.87	0.62	-5.84	184.15	0.47
	1	-6.82	224.64	0.62	-5.83	184.10	0.47
2667	2	-10.99	247.37	0.69	-9.36	207.49	0.65
	1	-8.96	235.35	0.65	-7.55	195.91	0.52
2668	2	-5.77	187.87	0.52	-4.89	154.94	0.40
	1	-4.13	137.12	0.38	-3.48	111.08	0.28
2669	2	-9.57	252.03	0.70	-8.20	213.03	0.57
	1	-8.37	218.19	0.61	-7.14	185.50	0.50
2670	2	-3.56	116.14	0.32	-3.03	97.11	0.25
	1	-4.19	139.95	0.39	-3.49	111.67	0.29
2675	1	-0.68	55.55	0.15	-0.34	10.72	0.03
2680	1	-0.82	23.86	0.07	-0.56	16.60	0.04
2685	1	-0.77	23.70	0.07	-0.54	16.05	0.04
2690	1	-0.64	20.28	0.06	-0.46	13.61	0.03
2695	1	-0.65	18.85	0.05	-0.47	13.96	0.04
2700	1	-0.58	36.43	0.10	-0.42	11.52	0.03
2705	1	-0.58	36.35	0.10	-0.40	10.99	0.03
2710	1	-0.67	19.30	0.05	-0.48	14.27	0.04
2715	1	-0.64	20.37	0.06	-0.48	14.09	0.04
2720	1	-0.70	21.95	0.06	-0.49	14.68	0.04
2725	1	-0.71	20.97	0.06	-0.47	14.04	0.04
2730	1	-0.61	38.39	0.11	-0.24	6.23	0.02
2730	1	-2.50	86.03	0.24	-2.23	68.75	0.18

2731	1	-3.66	118.36	0.33	-3.25	99.75	0.25
2732	1	-3.80	120.33	0.33	-3.37	103.64	0.26
2733	1	-5.34	163.98	0.46	-4.70	142.58	0.36
2734	1	-2.37	75.56	0.21	-2.04	63.79	0.16
2735	1	-10.11	237.07	0.66	-8.90	208.53	0.62
	2	-6.33	191.14	0.53	-5.56	167.66	0.43
2736	1	-6.33	190.98	0.53	-5.57	167.77	0.43
	2	-10.13	237.45	0.66	-8.91	208.70	0.62
2737	1	-2.31	74.47	0.21	-1.98	62.34	0.16
2738	1	-5.40	166.27	0.46	-4.76	144.35	0.37
2739	1	-3.39	97.32	0.27	-3.00	83.45	0.21
2740	1	-3.16	93.42	0.26	-2.80	77.77	0.20
2741	1	-2.29	71.41	0.20	-2.03	56.61	0.14
2742	1	-10.50	241.40	0.67	-9.01	203.65	0.63
	2	-6.76	193.87	0.54	-5.95	162.29	0.41
2743	1	-4.84	141.18	0.39	-4.07	108.59	0.28
	2	-11.09	256.62	0.71	-9.75	220.39	0.68
2744	1	-10.97	248.46	0.69	-9.66	217.93	0.67
	2	-4.66	126.12	0.35	-4.06	107.82	0.28
2745	1	-6.67	181.61	0.50	-5.95	161.20	0.41
	2	-10.67	236.76	0.66	-9.13	205.38	0.63
2746	1	-10.69	237.48	0.66	-9.14	205.59	0.63
	2	-6.67	181.95	0.51	-5.95	161.30	0.41
2747	1	-4.69	128.76	0.36	-4.07	108.03	0.28
	2	-10.98	249.93	0.69	-9.64	217.49	0.67
2748	1	-11.01	255.98	0.71	-9.66	218.11	0.67
	2	-4.87	146.44	0.41	-4.09	108.87	0.28
2749	1	-6.76	198.21	0.55	-5.94	161.52	0.41
	2	-10.64	246.16	0.68	-9.14	206.19	0.63
2750	1	-10.98	257.65	0.72	-9.08	210.68	0.63
	2	-7.37	210.62	0.59	-6.25	172.75	0.44
	3	-7.12	213.28	0.59	-6.06	174.95	0.45
2751	1	-5.59	209.94	0.58	-4.70	169.38	0.43
	2	-11.85	240.77	0.67	-10.10	203.24	0.70
2752	1	-11.34	230.75	0.64	-9.62	192.99	0.67
	2	-5.95	221.19	0.61	-4.88	174.08	0.44
2753	1	-7.17	217.04	0.60	-6.06	173.73	0.44
	2	-7.33	212.07	0.59	-6.18	169.49	0.43
	3	-10.69	219.55	0.61	-8.97	179.98	0.62
2754	1	-7.68	183.03	0.51	-6.43	146.65	0.45
	2	-5.95	224.32	0.62	-4.97	169.10	0.43
2755	1	-5.95	225.28	0.63	-4.97	169.32	0.43
	2	-7.69	183.73	0.51	-6.45	147.12	0.45
2756	1	-10.69	219.89	0.61	-8.95	179.71	0.62
	2	-7.34	212.89	0.59	-6.18	169.61	0.43
	3	-7.18	217.87	0.61	-6.06	173.79	0.44
2757	1	-5.95	223.23	0.62	-4.87	174.02	0.44
	2	-11.37	231.62	0.64	-9.63	193.18	0.67
2758	1	-11.69	237.48	0.66	-9.96	199.96	0.69

2758	2	-5.62	211.83	0.59	-4.74	170.41	0.44
	1	-7.11	212.70	0.59	-6.04	173.96	0.44
2759	2	-7.32	209.12	0.58	-6.20	170.92	0.44
	3	-11.23	263.37	0.73	-9.30	215.37	0.65
2760	1	-4.15	140.96	0.39	-3.51	113.07	0.29
2761	1	-3.58	119.26	0.33	-3.08	99.73	0.25
	2	-8.38	220.38	0.61	-7.20	187.75	0.50
2762	1	-9.49	247.04	0.69	-8.16	211.85	0.57
	2	-4.01	128.94	0.36	-3.38	108.50	0.28
2763	1	-5.68	181.12	0.50	-4.85	154.28	0.39
	2	-8.87	229.55	0.64	-7.49	194.58	0.52
2764	1	-10.89	242.95	0.67	-9.36	207.50	0.65
	2	-6.79	217.38	0.60	-5.80	183.65	0.47
2765	1	-6.77	217.12	0.60	-5.80	183.62	0.47
	2	-10.94	243.78	0.68	-9.37	207.76	0.65
2766	1	-8.81	227.97	0.63	-7.42	192.80	0.52
	2	-5.69	181.23	0.50	-4.86	154.48	0.39
2767	1	-4.00	128.42	0.36	-3.36	107.98	0.28
	2	-9.56	248.93	0.69	-8.23	213.80	0.57
2768	1	-8.25	217.25	0.60	-7.08	184.46	0.49
	2	-3.49	116.46	0.32	-2.98	96.41	0.25
2769	1	-4.19	140.98	0.39	-3.48	112.08	0.29
2770	1	-0.58	49.92	0.14	-0.30	10.13	0.03
2775	1	-0.96	34.24	0.10	-0.74	26.45	0.07
2780	1	-0.93	35.13	0.10	-0.72	25.98	0.07
2785	1	-0.66	20.84	0.06	-0.50	14.89	0.04
2790	1	-0.66	19.29	0.05	-0.50	14.96	0.04
2795	1	-0.51	33.27	0.09	-0.43	12.16	0.03
2800	1	-0.50	33.23	0.09	-0.41	11.62	0.03
2805	1	-0.64	18.74	0.05	-0.51	15.25	0.04
281	1	-9.47	269.16	0.75	-6.57	144.79	0.46
	2	-4.73	186.00	0.52	-2.19	38.90	0.15
2810	1	-0.64	20.30	0.06	-0.51	15.23	0.04
2815	1	-0.82	31.10	0.09	-0.66	23.74	0.06
2820	1	-0.79	28.41	0.08	-0.63	22.61	0.06
2825	1	-0.50	33.63	0.09	-0.21	5.93	0.02
2830	1	-2.48	90.89	0.25	-2.22	72.50	0.19
2831	1	-3.07	81.41	0.23	-2.73	68.35	0.19
2832	1	-3.70	95.03	0.26	-3.28	81.48	0.23
2833	1	-5.40	169.97	0.47	-4.71	144.04	0.37
2834	1	-2.38	83.89	0.23	-1.99	63.90	0.16
2835	1	-10.14	242.89	0.67	-8.89	209.94	0.62
	2	-6.36	200.04	0.56	-5.55	169.30	0.43
2836	1	-6.35	200.23	0.56	-5.54	169.33	0.43
	2	-10.18	243.81	0.68	-8.90	210.10	0.62
2837	1	-2.33	84.44	0.23	-1.94	62.43	0.16
2838	1	-5.46	172.96	0.48	-4.76	145.79	0.37
2839	1	-4.21	135.66	0.38	-3.72	114.77	0.29
2840	1	-3.37	114.54	0.32	-3.01	93.59	0.24

2841	1	-2.60	92.20	0.26	-2.31	71.79	0.18
2842	1	-10.42	230.70	0.64	-9.00	200.80	0.62
	2	-6.72	180.36	0.50	-5.98	159.99	0.42
2843	1	-4.75	123.86	0.34	-4.08	106.19	0.28
	2	-11.06	248.70	0.69	-9.79	219.30	0.68
2844	1	-10.94	244.85	0.68	-9.69	217.11	0.67
	2	-4.69	121.64	0.34	-4.08	106.17	0.28
2845	1	-6.73	184.46	0.51	-5.97	159.92	0.41
	2	-10.65	237.01	0.66	-9.10	203.29	0.63
2846	1	-10.63	234.13	0.65	-9.11	203.44	0.63
	2	-6.70	179.69	0.50	-5.98	160.04	0.42
2847	1	-4.72	125.31	0.35	-4.09	106.36	0.28
	2	-10.99	247.46	0.69	-9.68	216.74	0.67
2848	1	-10.98	249.82	0.69	-9.69	216.76	0.67
	2	-4.84	132.66	0.37	-4.11	106.74	0.29
2849	1	-6.72	185.57	0.52	-5.96	159.27	0.41
	2	-10.64	238.94	0.66	-9.14	203.96	0.63
2850	1	-10.82	252.46	0.70	-9.02	208.34	0.63
	2	-7.38	208.19	0.58	-6.28	172.21	0.44
	3	-7.13	210.55	0.58	-6.08	174.14	0.45
2851	1	-5.63	204.49	0.57	-4.70	167.41	0.43
	2	-11.84	238.95	0.66	-10.16	203.52	0.71
2852	1	-11.31	228.61	0.64	-9.66	193.05	0.67
	2	-5.91	214.98	0.60	-4.88	173.03	0.44
2853	1	-7.16	213.94	0.59	-6.08	173.36	0.44
	2	-7.34	209.30	0.58	-6.21	169.28	0.43
	3	-10.63	216.59	0.60	-8.93	178.59	0.62
2854	1	-7.61	178.93	0.50	-6.42	146.21	0.45
	2	-5.89	216.26	0.60	-4.93	167.41	0.43
2855	1	-5.87	217.03	0.60	-4.94	167.51	0.43
	2	-7.63	179.72	0.50	-6.43	146.59	0.45
2856	1	-10.66	217.61	0.60	-8.92	178.34	0.62
	2	-7.36	210.92	0.59	-6.22	169.49	0.43
	3	-7.19	215.64	0.60	-6.09	173.54	0.44
2857	1	-5.92	217.83	0.61	-4.88	173.15	0.44
	2	-11.36	230.19	0.64	-9.66	193.13	0.67
2858	1	-11.64	235.55	0.65	-9.96	199.54	0.69
	2	-5.70	209.33	0.58	-4.77	169.97	0.43
2859	1	-7.12	211.18	0.59	-6.07	173.86	0.44
	2	-7.34	207.83	0.58	-6.23	170.91	0.44
	3	-11.15	260.62	0.72	-9.27	214.14	0.64
2860	1	-4.30	144.42	0.40	-3.68	118.58	0.30
2861	1	-3.62	119.76	0.33	-3.15	101.74	0.26
	2	-8.47	222.31	0.62	-7.32	190.86	0.51
2862	1	-9.45	244.99	0.68	-8.12	210.86	0.56
	2	-3.98	126.42	0.35	-3.35	107.48	0.27
2863	1	-5.67	179.92	0.50	-4.86	154.38	0.39
	2	-8.80	226.93	0.63	-7.43	192.85	0.52
2864	1	-10.87	241.14	0.67	-9.36	207.34	0.65

2864	2	-6.76	213.83	0.59	-5.79	183.08	0.47
2865	1	-6.75	213.75	0.59	-5.79	183.07	0.47
	2	-10.92	242.15	0.67	-9.37	207.57	0.65
2866	1	-8.76	226.03	0.63	-7.36	191.15	0.51
	2	-5.69	180.76	0.50	-4.86	154.65	0.40
2867	1	-3.98	126.14	0.35	-3.33	107.13	0.27
	2	-9.50	246.45	0.68	-8.18	212.50	0.57
2868	1	-8.33	219.39	0.61	-7.18	187.30	0.50
	2	-3.52	117.43	0.33	-3.03	98.10	0.25
2869	1	-4.31	145.76	0.40	-3.67	118.47	0.30
2870	1	-0.44	42.62	0.12	-0.22	7.78	0.02
2875	1	-0.94	33.89	0.09	-0.82	29.01	0.07
2880	1	-0.93	34.46	0.10	-0.79	27.81	0.07
2885	1	-0.77	29.11	0.08	-0.63	22.42	0.06
2890	1	-0.66	19.20	0.05	-0.53	15.79	0.04
2895	1	-0.51	32.95	0.09	-0.43	12.57	0.03
2900	1	-0.47	32.08	0.09	-0.41	12.08	0.03
2905	1	-0.63	18.64	0.05	-0.55	16.20	0.04
2910	1	-0.70	27.47	0.08	-0.65	23.04	0.06
2915	1	-0.80	32.52	0.09	-0.72	25.59	0.07
292	1	-1.42	51.11	0.14	-1.22	45.02	0.12
2920	1	-0.82	32.50	0.09	-0.70	24.73	0.06
2925	1	-0.43	30.46	0.08	-0.12	3.04	0.01
2930	1	-3.75	128.16	0.36	-3.50	112.81	0.29
2931	1	-4.05	107.57	0.30	-3.73	93.71	0.26
2932	1	-5.06	127.34	0.35	-4.59	113.20	0.32
2933	1	-5.66	160.14	0.44	-4.97	137.58	0.35
2934	1	-2.97	92.09	0.26	-2.55	72.79	0.19
2935	1	-11.05	248.16	0.69	-9.86	217.45	0.68
	2	-6.77	192.55	0.53	-6.00	164.74	0.42
2936	1	-6.76	192.66	0.54	-6.00	164.75	0.42
	2	-11.08	248.93	0.69	-9.86	217.56	0.68
2937	1	-3.23	115.01	0.32	-2.79	88.57	0.23
2938	1	-6.36	201.62	0.56	-5.62	172.04	0.44
2939	1	-5.78	183.19	0.51	-5.21	159.75	0.41
2940	1	-4.50	148.01	0.41	-4.15	128.02	0.33
2941	1	-4.35	142.65	0.40	-4.08	124.98	0.32
2942	1	-10.52	232.40	0.65	-9.01	197.55	0.63
	2	-6.77	183.20	0.51	-6.00	156.25	0.42
2943	1	-4.76	123.10	0.34	-4.11	103.37	0.29
	2	-11.13	248.90	0.69	-9.83	217.78	0.68
2944	1	-10.99	246.64	0.69	-9.72	216.36	0.67
	2	-4.72	123.86	0.34	-4.07	104.32	0.28
2945	1	-6.78	186.39	0.52	-5.99	158.45	0.42
	2	-10.66	237.53	0.66	-9.08	201.37	0.63
2946	1	-10.70	234.43	0.65	-9.08	201.43	0.63
	2	-6.74	179.25	0.50	-5.99	158.51	0.42
2947	1	-4.75	122.28	0.34	-4.08	104.37	0.28
	2	-11.09	247.13	0.69	-9.71	216.04	0.67

2948	1	-11.23	253.45	0.70	-9.78	216.26	0.68
	2	-4.84	135.54	0.38	-4.13	103.27	0.29
2949	1	-6.84	186.70	0.52	-5.99	155.98	0.42
	2	-10.49	233.98	0.65	-9.07	199.42	0.63
2950	1	-10.72	249.25	0.69	-9.01	207.68	0.63
	2	-7.35	205.67	0.57	-6.26	171.38	0.44
	3	-7.09	207.74	0.58	-6.05	173.01	0.44
2951	1	-5.67	199.22	0.55	-4.68	165.01	0.42
	2	-11.87	238.03	0.66	-10.21	204.27	0.71
2952	1	-11.29	226.53	0.63	-9.68	192.76	0.67
	2	-5.88	208.35	0.58	-4.87	170.68	0.44
2953	1	-7.15	210.26	0.58	-6.09	172.27	0.44
	2	-7.35	206.01	0.57	-6.23	168.38	0.43
	3	-10.60	213.89	0.59	-8.89	176.99	0.62
2954	1	-7.63	175.72	0.49	-6.45	145.13	0.45
	2	-5.86	206.59	0.57	-4.93	164.39	0.42
2955	1	-5.87	208.93	0.58	-4.94	164.63	0.42
	2	-7.66	177.50	0.49	-6.45	145.36	0.45
2956	1	-10.68	216.85	0.60	-8.88	176.72	0.62
	2	-7.38	209.67	0.58	-6.24	168.62	0.43
	3	-7.20	214.09	0.59	-6.10	172.46	0.44
2957	1	-5.93	215.60	0.60	-4.86	170.62	0.44
	2	-11.44	230.85	0.64	-9.70	192.99	0.67
2958	1	-11.83	239.12	0.66	-10.10	201.64	0.70
	2	-5.67	210.19	0.58	-4.70	166.27	0.42
2959	1	-7.20	214.02	0.59	-6.05	172.40	0.44
	2	-7.44	211.13	0.59	-6.24	170.07	0.43
	3	-10.99	257.16	0.71	-9.17	210.82	0.64
2960	1	-4.22	141.48	0.39	-3.60	117.26	0.30
2961	1	-3.66	121.16	0.34	-3.22	104.56	0.27
	2	-8.50	223.27	0.62	-7.38	192.94	0.51
2962	1	-9.43	243.97	0.68	-8.07	208.95	0.56
	2	-3.98	124.60	0.35	-3.33	105.32	0.27
2963	1	-5.67	179.96	0.50	-4.84	152.80	0.39
	2	-8.80	226.79	0.63	-7.38	190.92	0.51
2964	1	-10.95	242.37	0.67	-9.38	207.83	0.65
	2	-6.73	212.08	0.59	-5.77	182.38	0.47
2965	1	-6.75	212.21	0.59	-5.78	182.38	0.47
	2	-10.97	242.81	0.67	-9.39	207.93	0.65
2966	1	-8.75	225.22	0.63	-7.31	189.31	0.51
	2	-5.68	179.23	0.50	-4.85	153.14	0.39
2967	1	-3.97	124.27	0.35	-3.31	105.03	0.27
	2	-9.52	246.00	0.68	-8.13	210.77	0.56
2968	1	-8.39	220.62	0.61	-7.25	189.44	0.50
	2	-3.61	119.31	0.33	-3.11	101.02	0.26
2969	1	-4.25	143.13	0.40	-3.59	116.99	0.30
2970	1	-0.39	29.23	0.08	-0.19	6.41	0.02
2975	1	-0.59	16.33	0.05	-0.52	14.86	0.04
2980	1	-0.55	16.75	0.05	-0.49	14.60	0.04

2985	1	-0.59	26.04	0.07	-0.52	22.21	0.06
2990	1	-0.49	15.52	0.04	-0.44	14.17	0.04
2995	1	-0.45	30.56	0.08	-0.39	11.84	0.03
3000	1	-0.47	32.36	0.09	-0.37	11.25	0.03
3005	1	-0.53	17.14	0.05	-0.45	14.40	0.04
3010	1	-0.61	27.98	0.08	-0.54	22.44	0.06
3015	1	-0.73	20.51	0.06	-0.45	13.58	0.03
3020	1	-0.88	26.46	0.07	-0.48	14.01	0.04
3025	1	-0.82	40.68	0.11	-0.18	9.41	0.02
3030	1	-3.83	110.05	0.31	-3.65	101.28	0.26
3031	1	-4.08	115.91	0.32	-3.78	105.01	0.27
3032	1	-5.37	150.45	0.42	-4.84	133.42	0.34
3033	1	-5.80	163.06	0.45	-5.06	139.02	0.36
3034	1	-2.98	91.96	0.26	-2.49	70.25	0.18
3035	1	-11.14	251.79	0.70	-9.90	219.55	0.69
	2	-6.70	193.16	0.54	-5.93	164.14	0.42
3036	1	-6.70	193.13	0.54	-5.93	164.10	0.42
	2	-11.16	252.27	0.70	-9.91	219.68	0.69
3037	1	-2.78	87.53	0.24	-2.42	68.59	0.18
3038	1	-5.78	163.73	0.45	-5.12	140.86	0.36
3039	1	-5.29	150.33	0.42	-4.78	132.17	0.34
3040	1	-3.99	118.25	0.33	-3.67	102.57	0.26
3041	1	-3.99	117.01	0.33	-3.72	103.64	0.26
3042	1	-11.83	223.67	0.62	-9.75	179.30	0.68
	2	-8.05	221.05	0.61	-6.88	174.75	0.48
3043	1	-5.65	153.91	0.43	-4.74	118.58	0.33
	2	-12.18	234.31	0.65	-10.39	195.47	0.72
3044	1	-11.91	229.98	0.64	-10.24	194.75	0.71
	2	-5.63	151.73	0.42	-4.66	120.39	0.32
3045	1	-7.97	218.80	0.61	-6.81	179.13	0.47
	2	-11.76	223.91	0.62	-9.80	184.23	0.68
3046	1	-12.03	241.69	0.67	-9.81	184.30	0.68
	2	-7.34	184.49	0.51	-6.08	130.19	0.42
3047	1	-5.75	193.74	0.54	-4.67	120.84	0.32
	2	-12.15	243.94	0.68	-10.23	194.69	0.71
3048	1	-12.65	258.07	0.72	-11.15	226.65	0.77
	2	-8.00	186.24	0.52	-7.10	163.90	0.49
	3	-8.08	189.90	0.53	-7.17	166.99	0.50
3049	1	-6.30	165.24	0.46	-5.42	143.96	0.38
	2	-12.65	235.46	0.66	-11.29	210.11	0.78
3050	1	-12.04	218.81	0.63	-10.03	182.12	0.70
	2	-5.84	152.52	0.42	-4.73	124.15	0.33
3051	1	-8.24	224.11	0.62	-6.81	182.06	0.47
	2	-12.21	248.25	0.69	-9.94	201.28	0.69
3052	1	-7.71	173.97	0.48	-6.61	149.09	0.46
	2	-4.87	124.73	0.35	-4.13	106.04	0.29
3053	1	-4.85	123.91	0.34	-4.13	105.88	0.29
	2	-7.64	172.80	0.48	-6.62	149.50	0.46
3054	1	-12.20	247.89	0.69	-9.91	200.39	0.69

	2	-8.30	224.88	0.62	-6.82	181.81	0.47
3055	1	-5.92	162.69	0.45	-4.73	123.50	0.33
	2	-12.25	225.26	0.64	-10.04	182.11	0.70
3056	1	-5.63	203.54	0.57	-4.84	170.72	0.44
3057	1	-3.63	126.78	0.35	-3.21	108.78	0.28
	2	-8.52	197.04	0.55	-7.42	170.25	0.52
3058	1	-10.44	244.00	0.68	-9.09	211.39	0.63
	2	-5.16	182.91	0.51	-4.37	152.81	0.39
3059	1	-6.20	175.79	0.49	-5.40	149.59	0.38
	2	-10.12	235.59	0.65	-8.67	200.58	0.60
3060	1	-11.29	251.96	0.70	-9.81	216.51	0.68
	2	-6.85	217.90	0.61	-5.88	182.59	0.47
3061	1	-6.85	217.74	0.60	-5.86	182.31	0.47
	2	-11.28	252.11	0.70	-9.84	217.25	0.68
3062	1	-10.07	233.51	0.65	-8.58	198.08	0.60
	2	-6.24	176.11	0.49	-5.42	149.45	0.38
3063	1	-5.16	178.81	0.50	-4.36	151.42	0.39
	2	-10.56	245.03	0.68	-9.19	213.22	0.64
3064	1	-9.48	274.51	0.76	-8.06	220.04	0.56
	2	-3.72	170.01	0.47	-3.16	105.41	0.27
3065	1	-5.94	222.17	0.62	-4.87	170.51	0.44
3066	1	-0.41	38.46	0.11	-0.16	5.16	0.01
3071	1	-0.89	19.76	0.05	-0.77	17.54	0.05
3076	1	-0.66	11.96	0.03	-0.57	10.36	0.04
3081	1	-0.45	7.99	0.02	-0.41	6.76	0.03
3086	1	-0.79	26.20	0.07	-0.75	25.15	0.06
3091	1	-0.54	30.35	0.08	-0.45	13.97	0.04
3096	1	-0.53	27.20	0.08	-0.40	12.54	0.03
3101	1	-0.85	31.90	0.09	-0.68	23.06	0.06
3106	1	-0.37	6.14	0.02	-0.24	-2.08	0.02
3111	1	-1.53	45.00	0.13	-1.09	29.44	0.08
3116	1	-3.12	97.23	0.27	-2.81	84.37	0.22
3117	1	-3.56	110.00	0.31	-3.25	97.35	0.25
3118	1	-5.16	155.16	0.43	-4.54	133.42	0.34
3119	1	-5.08	141.85	0.39	-4.35	116.95	0.30
3120	1	-3.11	93.88	0.26	-2.49	70.39	0.18
3121	1	-10.40	234.51	0.65	-8.97	196.39	0.62
	2	-6.80	195.39	0.54	-5.86	158.74	0.41
3122	1	-6.83	195.12	0.54	-5.87	158.64	0.41
	2	-10.39	234.04	0.65	-8.97	196.35	0.62
3123	1	-3.32	107.31	0.30	-2.75	84.96	0.22
3124	1	-5.65	169.63	0.47	-4.91	145.15	0.37
3125	1	-4.55	123.48	0.34	-4.05	107.75	0.28
3126	1	-3.14	88.82	0.25	-2.81	76.61	0.20
3127	1	-2.95	86.37	0.24	-2.51	68.20	0.17
3128	1	-2.62	152.81	0.42	-2.08	72.42	0.19
3133	1	-2.80	98.40	0.27	-2.33	75.00	0.19
	2	-5.60	198.80	0.55	-5.41	169.86	0.43
	1	-4.82	175.09	0.49	-4.14	148.33	0.38

3134	2	-2.69	89.61	0.25	-1.84	58.00	0.15
	3	-3.55	113.12	0.31	-2.39	92.84	0.24
3135	1	-3.90	216.48	0.60	-2.99	126.24	0.32
	2	-1.89	139.84	0.39	-1.44	37.96	0.10
	3	-4.44	212.22	0.59	-4.09	114.23	0.29
3136	1	-5.20	230.21	0.64	-5.03	153.77	0.39
	2	-4.59	183.11	0.51	-4.29	113.43	0.30
	3	-2.86	159.51	0.44	-2.43	82.67	0.21
3137	1	-4.95	159.89	0.44	-4.10	91.84	0.28
	2	-10.86	222.74	0.62	-9.21	168.08	0.64
	3	-13.76	261.49	0.73	-11.80	212.58	0.82
3138	1	-13.23	238.59	0.69	-11.13	183.99	0.77
	2	-16.36	277.84	0.85	-14.25	230.20	0.99
3139	1	-13.21	238.20	0.69	-11.11	183.60	0.77
	2	-16.39	278.17	0.85	-14.27	230.44	0.99
3140	1	-3.92	100.01	0.28	-3.08	57.44	0.21
	2	-8.87	160.83	0.46	-7.54	120.95	0.52
	3	-11.12	186.68	0.58	-9.56	152.89	0.66
3161	1	-9.11	192.12	0.53	-7.59	152.34	0.53
	2	-6.77	178.70	0.50	-5.92	140.15	0.41
3162	1	-4.77	120.95	0.34	-4.05	85.75	0.28
	2	-9.81	215.87	0.60	-8.59	180.95	0.60
3163	1	-9.68	221.67	0.62	-8.48	188.55	0.59
	2	-4.96	133.40	0.37	-4.17	101.45	0.29
3164	1	-6.75	195.38	0.54	-5.86	159.80	0.41
	2	-8.88	202.64	0.56	-7.34	164.53	0.51
3165	1	-8.19	155.13	0.43	-6.79	129.85	0.47
	2	-6.40	183.74	0.51	-5.60	161.06	0.41
3166	1	-4.73	122.52	0.34	-3.98	102.61	0.28
	2	-8.93	170.57	0.47	-7.81	148.21	0.54
3167	1	-2.37	40.91	0.12	-1.10	-5.57	0.08
3169	1	-4.40	149.82	0.42	-1.79	61.58	0.16
3170	1	-5.30	171.04	0.48	-2.47	87.90	0.22
3171	1	-5.26	147.11	0.41	-3.43	99.30	0.25
	2	-9.05	203.89	0.57	-6.04	142.57	0.42
3172	1	-5.91	144.90	0.40	-4.82	118.05	0.33
	2	-5.88	216.55	0.60	-5.13	183.64	0.47
3173	1	-9.24	261.46	0.73	-8.16	227.70	0.58
3174	1	-11.29	198.15	0.59	-9.77	171.07	0.68
	2	-6.67	232.33	0.65	-5.69	196.91	0.50
3175	1	-7.91	227.63	0.63	-6.93	194.35	0.50
	2	-10.58	184.67	0.55	-9.02	156.15	0.63
3176	1	-10.59	186.41	0.55	-8.97	155.69	0.62
	2	-7.93	231.92	0.64	-6.93	195.02	0.50
3177	1	-6.65	238.14	0.66	-5.68	197.61	0.51
	2	-11.34	200.68	0.59	-9.80	171.97	0.68
3178	1	-2.87	116.97	0.32	-2.06	69.44	0.18
3180	1	-7.76	177.10	0.49	-4.80	112.33	0.33
	2	-3.90	124.90	0.35	-2.31	66.67	0.17

3181	1	-5.81	183.54	0.51	-2.82	98.78	0.25
3182	1	-4.52	150.98	0.42	-1.94	65.98	0.17
3183	1	-9.54	241.57	0.67	-7.21	195.39	0.50
	2	-6.20	187.31	0.52	-4.66	149.15	0.38
3184	1	-5.91	179.94	0.50	-4.39	144.02	0.37
3185	1	-6.01	177.80	0.49	-4.41	142.44	0.36
3186	1	-6.29	189.71	0.53	-4.67	152.48	0.39
	2	-9.89	250.13	0.69	-7.22	198.08	0.51
3187	1	-6.74	220.41	0.61	-5.76	187.85	0.48
3188	1	-5.84	190.84	0.53	-5.00	157.07	0.40
3189	1	-6.66	225.43	0.63	-5.50	175.47	0.45
3190	1	-6.75	228.73	0.64	-5.60	178.54	0.46
3191	1	-5.70	187.04	0.52	-4.85	153.32	0.39
3192	1	-6.90	226.46	0.63	-5.91	193.57	0.49
3193	1	-0.77	47.17	0.13	-0.52	18.54	0.05
3198	1	-1.83	58.20	0.16	-1.63	49.95	0.13
3203	1	-2.02	48.18	0.13	-1.79	42.59	0.12
	2	-2.11	70.40	0.20	-1.85	61.57	0.16
	3	-2.61	39.45	0.14	-2.29	34.53	0.16
3208	1	-2.60	85.46	0.24	-2.33	73.22	0.19
	2	-2.84	32.30	0.15	-2.50	28.10	0.17
3213	1	-1.28	50.96	0.14	-1.13	36.96	0.09
3218	1	-0.65	41.06	0.11	-0.49	16.31	0.04
3223	1	-0.70	43.84	0.12	-0.41	13.32	0.03
3228	1	-1.37	51.89	0.14	-1.00	32.12	0.08
3233	1	-2.59	88.23	0.25	-2.19	69.46	0.18
	2	-2.99	34.44	0.16	-2.52	28.56	0.18
3238	1	-1.93	46.04	0.13	-1.63	38.69	0.11
	2	-2.03	68.39	0.19	-1.72	58.27	0.15
	3	-2.45	32.60	0.13	-2.14	28.41	0.15
3243	1	-1.84	51.43	0.14	-1.48	42.15	0.11
3248	1	-1.64	56.51	0.16	-1.08	30.85	0.08
3253	1	-1.54	173.81	0.48	-0.49	28.25	0.07
3254	1	-1.75	186.00	0.52	-0.58	34.33	0.09
3256	1	-1.08	118.70	0.33	-0.45	26.56	0.07
3258	1	-1.10	109.46	0.30	-0.40	17.22	0.04
3260	1	-1.63	184.42	0.51	-0.43	27.07	0.07
3261	1	-1.99	200.79	0.56	-0.58	33.25	0.08
3287	1	-9.78	236.37	0.66	-6.22	131.97	0.43
	2	-5.16	218.21	0.61	-4.10	121.74	0.31
3288	1	-4.90	250.76	0.70	-3.01	104.67	0.27
	2	-10.96	261.29	0.73	-7.80	165.74	0.54
3289	1	-8.93	275.69	0.77	-6.28	144.89	0.44
	2	-4.47	220.33	0.61	-3.59	93.15	0.25
3290	1	-3.83	187.53	0.52	-2.35	61.21	0.16
	2	-8.86	224.69	0.62	-6.30	129.54	0.44
3291	1	-5.83	268.25	0.75	-4.97	167.88	0.43
	2	-3.68	174.03	0.48	-3.02	101.75	0.26
	3	-4.87	199.52	0.55	-3.95	123.87	0.32

3292	1	-4.86	199.46	0.55	-3.94	123.90	0.32
	2	-3.66	173.62	0.48	-3.00	101.30	0.26
	3	-5.91	269.78	0.75	-5.02	170.08	0.43
3293	1	-6.42	139.49	0.39	-5.74	113.34	0.40
	2	-5.56	195.28	0.54	-5.00	146.99	0.38
3294	1	-13.75	259.64	0.72	-12.85	229.44	0.89
	2	-12.95	247.44	0.69	-11.93	210.21	0.83
3295	1	-4.58	208.22	0.58	-3.84	131.40	0.34
	2	-1.08	108.37	0.30	-0.53	18.15	0.05
3296	1	-16.35	255.64	0.85	-14.90	225.63	0.98
	2	-13.50	190.55	0.70	-12.03	162.50	0.84
	3	-3.60	61.52	0.19	-2.40	32.59	0.17
3297	1	-7.61	247.34	0.69	-6.41	205.35	0.52
	2	-5.92	233.93	0.65	-4.96	185.44	0.47
3298	1	-5.92	212.32	0.59	-4.72	160.90	0.41
	2	-4.63	209.21	0.58	-3.67	147.56	0.38
3299	1	-6.85	208.00	0.58	-5.71	169.65	0.43
	2	-5.70	244.12	0.68	-4.75	189.43	0.48
3300	1	-7.38	217.86	0.61	-6.08	179.93	0.46
	2	-6.16	252.02	0.70	-5.05	200.75	0.51
3301	1	-7.38	217.80	0.61	-6.08	179.87	0.46
	2	-6.16	251.93	0.70	-5.05	200.67	0.51
3302	1	-6.85	207.98	0.58	-5.71	169.65	0.43
	2	-5.70	244.10	0.68	-4.75	189.42	0.48
3303	1	-5.91	212.03	0.59	-4.72	160.74	0.41
	2	-4.62	208.94	0.58	-3.67	147.41	0.38
3304	1	-5.79	212.14	0.59	-4.79	163.08	0.42
	2	-4.59	210.93	0.59	-3.72	149.52	0.38
3305	1	-7.59	249.63	0.69	-6.39	204.96	0.52
	2	-5.86	236.74	0.66	-4.95	185.08	0.47
3306	1	-5.98	266.43	0.74	-5.11	171.41	0.44
3307	1	-4.58	211.15	0.59	-3.83	131.25	0.34
	2	-1.13	115.73	0.32	-0.53	18.16	0.05
3308	1	-13.75	259.59	0.72	-12.85	229.43	0.89
	2	-12.96	247.40	0.69	-11.93	210.20	0.83
3309	1	-6.27	127.68	0.35	-5.59	103.98	0.39
	2	-5.56	194.96	0.54	-5.00	146.92	0.38
331	1	-1.43	51.72	0.14	-1.23	45.58	0.12
3310	1	-4.67	253.35	0.70	-3.98	149.82	0.38
	2	-3.61	269.34	0.75	-3.10	135.54	0.35
3311	1	-4.68	253.41	0.70	-3.99	149.88	0.38
	2	-3.61	269.43	0.75	-3.11	135.60	0.35
3312	1	-5.85	214.57	0.60	-4.86	165.51	0.42
	2	-4.65	213.51	0.59	-3.78	151.75	0.39
332	1	-1.50	54.14	0.15	-1.26	46.74	0.12
333	1	-1.83	67.87	0.19	-1.56	58.97	0.15
334	1	-1.86	68.90	0.19	-1.60	60.09	0.15
335	1	-1.60	57.88	0.16	-1.37	50.42	0.13
336	1	-1.48	54.09	0.15	-1.28	47.65	0.12

337	1	-1.42	51.15	0.14	-1.22	45.07	0.12
338	1	-10.69	202.63	0.56	-8.77	156.52	0.61
	2	-5.95	182.33	0.51	-5.12	132.25	0.36
339	1	-1.35	48.22	0.13	-1.20	43.79	0.11
340	1	-1.59	55.92	0.16	-1.42	50.77	0.13
341	1	-0.90	14.05	0.05	-0.59	-2.07	0.04
342	1	-0.71	28.03	0.08	-0.57	23.41	0.06
	2	-2.21	84.57	0.23	-1.98	77.40	0.20
343	1	-1.16	42.67	0.12	-0.98	38.00	0.10
	2	-0.95	40.14	0.11	-0.84	36.58	0.09
	3	-2.33	88.38	0.25	-2.05	80.38	0.21
344	1	-1.29	49.71	0.14	-1.10	44.82	0.11
	2	-1.56	65.74	0.18	-1.38	59.88	0.15
	3	-2.66	103.91	0.29	-2.36	94.51	0.24
345	1	-1.32	51.25	0.14	-1.15	46.14	0.12
	2	-1.79	75.97	0.21	-1.60	69.28	0.18
	3	-3.01	118.02	0.33	-2.69	107.42	0.27
346	1	-1.49	60.01	0.17	-1.31	54.31	0.14
	2	-1.87	81.01	0.23	-1.67	73.52	0.19
	3	-3.19	127.22	0.35	-2.85	115.36	0.29
347	1	-1.37	55.78	0.15	-1.22	50.40	0.13
	2	-1.73	74.93	0.21	-1.54	67.53	0.17
	3	-2.94	117.82	0.33	-2.63	106.24	0.27
348	1	-2.17	100.93	0.28	-1.92	89.48	0.23
349	1	-1.38	56.25	0.16	-1.24	51.13	0.13
	2	-1.74	75.60	0.21	-1.56	68.41	0.17
	3	-2.97	118.78	0.33	-2.67	107.49	0.27
40	1	-1.72	60.53	0.17	-1.52	54.78	0.14
612	1	-8.35	190.70	0.53	-7.10	145.21	0.49
	2	-3.05	92.16	0.26	-2.69	46.98	0.19
	3	-2.48	75.55	0.21	-1.99	30.25	0.14
613	1	-4.98	223.85	0.62	-4.19	154.14	0.39
	2	-10.78	198.48	0.56	-9.01	161.42	0.63
614	1	-2.80	52.63	0.15	-2.32	34.12	0.16
	2	-3.26	86.02	0.24	-2.86	57.17	0.20
621	1	-5.00	132.68	0.37	-4.30	103.58	0.30
622	1	-3.40	91.93	0.26	-2.96	67.03	0.21
	2	-2.86	57.64	0.16	-2.37	41.80	0.16
623	1	-12.71	232.19	0.66	-10.63	192.99	0.74
	2	-7.87	207.30	0.58	-6.90	178.21	0.48
650	1	-1.50	60.45	0.17	-1.32	54.67	0.14
	2	-1.88	81.69	0.23	-1.68	74.08	0.19
	3	-3.21	128.15	0.36	-2.87	116.17	0.30
651	1	-6.09	186.15	0.52	-5.00	150.66	0.39
	2	-13.23	252.71	0.70	-11.21	213.18	0.78
652	1	-1.64	34.71	0.10	-1.41	29.83	0.10
	2	-1.85	55.20	0.15	-1.58	47.12	0.12
653	1	-5.80	180.96	0.50	-5.11	159.52	0.41
654	1	-1.85	53.80	0.15	-1.60	46.51	0.12

654	2	-1.63	33.55	0.09	-1.41	28.96	0.10
	1	-10.70	197.42	0.56	-8.93	160.45	0.62
655	2	-4.16	125.17	0.35	-3.15	78.37	0.22
	3	-4.74	170.66	0.47	-3.99	117.58	0.30
656	1	-3.35	91.51	0.25	-2.23	40.58	0.15
	2	-2.45	95.31	0.26	-1.52	31.22	0.11
657	1	-5.95	183.64	0.51	-5.12	133.23	0.36
	2	-10.75	204.47	0.57	-8.83	158.10	0.61
658	1	-1.50	30.68	0.09	-1.30	26.57	0.09
	2	-1.94	56.55	0.16	-1.71	49.86	0.13
659	1	-5.83	181.93	0.51	-5.13	160.40	0.41
660	1	-1.72	50.90	0.14	-1.45	42.97	0.11
	2	-1.75	36.99	0.10	-1.52	32.13	0.11
661	1	-13.10	250.94	0.70	-11.09	211.54	0.77
	2	-6.15	189.40	0.53	-5.05	153.42	0.39
662	1	-7.88	208.95	0.58	-6.90	179.54	0.48
	2	-12.78	234.36	0.67	-10.70	194.99	0.74
663	1	-1.65	37.07	0.10	-1.41	31.70	0.10
	2	-1.94	65.16	0.18	-1.65	55.53	0.14
664	1	-6.05	210.89	0.59	-5.32	185.82	0.47
665	1	-1.87	63.30	0.18	-1.61	54.58	0.14
	2	-1.63	36.69	0.10	-1.41	31.80	0.10
666	1	-8.20	200.59	0.56	-6.25	129.83	0.43
	2	-3.21	153.76	0.43	-2.39	63.38	0.17
667	1	-4.17	96.75	0.27	-3.60	83.47	0.25
	2	-7.25	252.36	0.70	-6.46	224.52	0.57
668	1	-4.25	169.58	0.47	-3.57	95.46	0.25
	2	-7.73	185.54	0.52	-5.89	121.19	0.41
669	1	-7.24	251.92	0.70	-6.46	224.74	0.57
	2	-4.17	96.79	0.27	-3.59	83.35	0.25
670	1	-8.00	184.68	0.51	-6.10	120.75	0.42
	2	-4.45	207.14	0.58	-3.77	116.31	0.30
671	1	-1.46	32.66	0.09	-1.26	28.13	0.09
	2	-2.04	68.88	0.19	-1.79	60.54	0.15
672	1	-6.05	211.10	0.59	-5.33	185.94	0.48
673	1	-1.75	58.36	0.16	-1.46	48.63	0.12
	2	-1.79	40.17	0.11	-1.56	35.07	0.11
674	1	-3.34	186.36	0.52	-2.53	77.33	0.20
	2	-8.47	199.35	0.55	-6.47	128.98	0.45
675	1	-1.68	37.37	0.10	-1.44	32.08	0.10
	2	-1.48	48.60	0.13	-1.23	40.24	0.10
676	1	-5.75	200.87	0.56	-5.07	176.80	0.45
677	1	-1.92	64.66	0.18	-1.68	56.53	0.14
	2	-1.59	35.79	0.10	-1.40	31.32	0.10
678	1	-9.17	223.64	0.62	-6.50	128.63	0.45
	2	-3.94	227.57	0.63	-2.54	76.33	0.20
679	1	-5.44	126.57	0.35	-4.81	111.67	0.33
	2	-6.75	236.00	0.66	-5.98	208.53	0.53
680	1	-5.04	174.45	0.48	-4.59	158.40	0.40

681	1	-5.06	175.13	0.49	-4.61	159.11	0.41
682	1	-6.78	237.07	0.66	-6.01	209.60	0.54
	2	-5.41	125.94	0.35	-4.78	111.00	0.33
683	1	-4.55	268.12	0.74	-3.77	113.80	0.29
	2	-9.34	277.65	0.77	-6.56	146.41	0.46
684	1	-1.59	36.00	0.10	-1.40	31.49	0.10
	2	-1.92	65.07	0.18	-1.69	57.00	0.15
685	1	-5.75	200.93	0.56	-5.07	176.80	0.45
686	1	-1.40	45.58	0.13	-1.13	36.63	0.09
	2	-1.74	38.73	0.11	-1.52	33.65	0.11
688	1	-0.47	20.34	0.06	-0.37	16.59	0.04
690	1	-0.40	18.44	0.05	-0.27	14.43	0.04
692	1	-0.24	14.40	0.04	-0.09	9.71	0.02
694	1	-0.17	11.47	0.03	0.00	6.57	0.02
696	1	-0.39	23.68	0.07	-0.17	16.71	0.04
697	1	-6.52	239.01	0.66	-5.84	214.58	0.55
698	1	-1.33	51.28	0.14	-1.15	45.99	0.12
	2	-1.80	76.14	0.21	-1.61	69.23	0.18
	3	-3.02	118.28	0.33	-2.70	107.41	0.27
699	1	-6.50	238.78	0.66	-5.84	214.68	0.55
701	1	-0.39	24.25	0.07	-0.15	16.59	0.04
703	1	-0.31	16.09	0.04	-0.16	11.06	0.03
705	1	-0.29	15.53	0.04	-0.15	11.06	0.03
707	1	-0.40	18.39	0.05	-0.28	14.67	0.04
709	1	-0.43	18.77	0.05	-0.33	15.49	0.04
712	1	-0.74	32.41	0.09	-0.72	31.42	0.08
713	1	-0.84	36.52	0.10	-0.78	34.02	0.09
714	1	-0.80	37.55	0.10	-0.73	34.88	0.09
715	1	-0.77	36.89	0.10	-0.69	33.51	0.09
716	1	-0.58	18.98	0.05	-0.51	16.94	0.04
717	1	-0.77	37.15	0.10	-0.69	33.97	0.09
718	1	-0.79	37.46	0.10	-0.72	34.66	0.09
719	1	-0.83	36.09	0.10	-0.77	33.33	0.09
720	1	-0.71	31.13	0.09	-0.69	30.02	0.08
721	1	-5.35	149.39	0.41	-4.14	90.86	0.29
722	1	-2.24	76.66	0.21	-1.44	29.22	0.10
	2	-3.20	78.32	0.22	-2.31	42.14	0.16
724	1	-2.98	55.42	0.16	-2.25	40.95	0.16
	2	-7.46	167.75	0.47	-6.63	147.49	0.46
726	1	-7.43	166.85	0.46	-6.63	147.16	0.46
	2	-3.00	55.69	0.16	-2.24	40.62	0.16
728	1	-3.04	75.46	0.21	-2.14	38.80	0.15
	2	-2.43	80.67	0.22	-1.59	32.68	0.11
729	1	-5.49	152.67	0.42	-4.19	92.05	0.29
730	1	-2.16	90.00	0.25	-1.26	25.28	0.09
	2	-3.66	97.11	0.27	-2.47	45.33	0.17
732	1	-4.94	182.48	0.51	-2.35	42.01	0.16
	2	-9.24	264.66	0.74	-6.39	140.74	0.44
733	1	-4.31	137.90	0.38	-3.52	109.02	0.28

734	1	-8.10	198.15	0.55	-5.97	141.28	0.41
	2	-3.97	168.06	0.47	-3.15	113.59	0.29
	3	-3.48	124.06	0.34	-2.31	63.54	0.16
736	1	-3.82	80.95	0.22	-2.83	50.82	0.20
	2	-2.34	101.54	0.28	-1.69	46.57	0.12
737	1	-6.41	210.78	0.59	-4.94	138.76	0.35
738	1	-2.40	105.93	0.29	-1.69	46.02	0.12
	2	-3.52	76.57	0.21	-2.68	47.85	0.19
740	1	-3.96	131.09	0.36	-2.64	46.67	0.18
	2	-3.20	179.26	0.50	-2.65	92.19	0.24
	3	-8.90	231.67	0.64	-7.26	169.40	0.50
742	1	-8.89	231.67	0.64	-7.27	169.75	0.50
	2	-3.20	179.32	0.50	-2.65	92.16	0.24
	3	-3.97	131.20	0.36	-2.62	46.28	0.18
744	1	-3.30	72.56	0.20	-2.47	43.79	0.17
	2	-2.66	112.03	0.31	-1.91	51.88	0.13
745	1	-6.53	213.89	0.59	-5.06	141.74	0.36
746	1	-2.09	95.14	0.26	-1.49	40.62	0.10
	2	-3.93	82.79	0.23	-2.93	52.42	0.20
747	1	-1.29	49.84	0.14	-1.10	44.62	0.11
	2	-1.56	65.97	0.18	-1.38	59.71	0.15
	3	-2.67	104.22	0.29	-2.35	94.30	0.24
749	1	-3.53	116.21	0.32	-2.36	57.67	0.16
	2	-3.90	165.66	0.46	-3.09	111.40	0.28
	3	-7.82	191.49	0.53	-5.75	135.97	0.40
750	1	-4.21	133.96	0.37	-3.44	106.36	0.27
752	1	-3.23	87.06	0.24	-2.61	67.28	0.18
	2	-1.17	47.27	0.13	-0.90	28.66	0.07
753	1	-4.96	170.22	0.47	-3.81	120.47	0.31
754	1	-2.18	92.61	0.26	-1.57	49.51	0.13
	2	-2.65	83.48	0.23	-1.99	51.64	0.14
756	1	-4.93	144.80	0.40	-3.90	100.62	0.27
	2	-2.39	107.10	0.30	-1.97	61.63	0.16
	3	-5.88	140.23	0.39	-4.74	104.34	0.33
758	1	-5.88	140.27	0.39	-4.77	104.80	0.33
	2	-2.39	106.87	0.30	-1.97	61.46	0.16
	3	-4.92	144.23	0.40	-3.89	100.09	0.27
760	1	-2.56	80.73	0.22	-1.93	49.81	0.13
	2	-2.19	92.45	0.26	-1.61	50.39	0.13
761	1	-5.00	171.09	0.48	-3.85	121.44	0.31
762	1	-1.11	44.78	0.12	-0.86	27.00	0.07
	2	-3.18	85.82	0.24	-2.57	66.01	0.18
776	1	-2.13	77.92	0.22	-1.76	50.65	0.13
777	1	-4.06	111.16	0.31	-3.31	93.67	0.24
778	1	-3.38	93.19	0.26	-2.67	76.76	0.20
779	1	-2.76	79.51	0.22	-2.10	62.09	0.16
780	1	-2.56	76.10	0.21	-1.99	57.64	0.15
781	1	-1.55	53.21	0.15	-0.99	30.97	0.08
	1	-3.20	84.36	0.23	-2.15	53.45	0.15

782	2	-0.95	63.09	0.18	-0.61	30.98	0.08
	3	-3.17	84.36	0.23	-2.19	54.30	0.15
783	1	-1.20	102.13	0.28	-1.08	31.42	0.08
784	1	-4.34	163.89	0.46	-3.64	103.73	0.27
785	1	-2.94	87.79	0.24	-2.34	68.00	0.17
	1	-3.23	84.32	0.23	-2.15	53.21	0.15
786	2	-0.96	62.21	0.17	-0.62	30.65	0.08
	3	-3.21	84.47	0.23	-2.20	54.21	0.15
787	1	-1.56	53.42	0.15	-0.99	30.82	0.08
788	1	-2.78	82.35	0.23	-2.18	63.31	0.16
789	1	-2.85	82.21	0.23	-2.20	64.83	0.17
790	1	-3.28	90.10	0.25	-2.58	74.16	0.19
	1	-1.16	42.43	0.12	-0.97	37.68	0.10
791	2	-0.94	39.77	0.11	-0.84	36.18	0.09
	3	-2.32	87.88	0.24	-2.03	79.63	0.20
792	1	-0.68	26.59	0.07	-0.53	21.79	0.06
	2	-2.14	81.26	0.23	-1.89	73.96	0.19
793	1	-3.83	104.24	0.29	-3.12	88.08	0.23
794	1	-4.38	159.82	0.44	-3.77	137.82	0.35
795	1	-1.80	69.75	0.19	-1.54	60.24	0.15
796	1	-1.81	69.93	0.19	-1.54	60.40	0.15
797	1	-4.43	161.50	0.45	-3.83	139.62	0.36
802	1	-0.88	12.93	0.05	-0.58	-2.18	0.04
803	1	-2.57	93.76	0.26	-2.13	63.98	0.16
804	1	-0.40	5.51	0.02	-0.29	3.25	0.02
805	1	-0.56	7.75	0.03	-0.36	-2.02	0.02
806	1	-0.54	7.40	0.03	-0.34	-1.96	0.02
807	1	-0.37	4.76	0.02	-0.27	-0.83	0.02
808	1	-0.85	37.75	0.10	-0.65	28.86	0.07
809	1	-0.86	37.12	0.10	-0.66	28.78	0.07
810	1	-1.30	52.51	0.15	-1.13	45.48	0.12
811	1	-1.18	47.32	0.13	-1.04	41.52	0.11
812	1	-1.14	45.96	0.13	-0.99	39.70	0.10
813	1	-1.29	52.70	0.15	-1.11	45.21	0.12
814	1	-0.66	26.91	0.07	-0.59	23.88	0.06
	2	-1.08	42.45	0.12	-0.96	37.63	0.10
816	1	-0.92	38.34	0.11	-0.80	33.48	0.09
	2	-0.40	17.96	0.05	-0.34	15.14	0.04
818	3	-0.63	27.91	0.08	-0.53	23.44	0.06
	1	-0.82	37.48	0.10	-0.70	31.81	0.08
	2	-0.54	24.61	0.07	-0.47	20.95	0.05
819	3	-0.82	37.47	0.10	-0.70	31.94	0.08
	1	-0.92	42.26	0.12	-0.80	36.34	0.09
820	2	-0.71	31.39	0.09	-0.63	27.12	0.07
	3	-0.55	26.56	0.07	-0.45	21.33	0.05
821	1	-0.34	17.18	0.05	-0.30	13.71	0.04
	2	-1.51	61.70	0.17	-1.38	55.70	0.14
821	1	-1.52	61.92	0.17	-1.39	55.99	0.14
	2	-0.34	17.22	0.05	-0.30	13.77	0.04

822	1	-0.55	26.49	0.07	-0.44	21.19	0.05
	2	-0.71	31.56	0.09	-0.63	27.32	0.07
	3	-0.92	42.15	0.12	-0.80	36.17	0.09
823	1	-0.81	37.32	0.10	-0.69	31.63	0.08
	2	-0.54	24.72	0.07	-0.47	21.03	0.05
	3	-0.83	37.77	0.10	-0.71	32.11	0.08
825	1	-0.63	28.00	0.08	-0.52	23.33	0.06
	2	-0.40	18.35	0.05	-0.35	15.42	0.04
	3	-0.85	38.03	0.11	-0.74	33.00	0.08
827	1	-1.08	42.80	0.12	-0.97	37.89	0.10
	2	-0.65	26.57	0.07	-0.58	23.36	0.06
828	1	-5.98	188.52	0.52	-5.26	164.47	0.42
	2	-4.84	107.75	0.30	-4.21	93.04	0.29
829	1	-7.18	197.97	0.55	-6.48	178.30	0.46
	2	-4.19	146.40	0.41	-3.79	132.33	0.34
	3	-5.74	133.00	0.37	-5.09	117.94	0.35
830	1	-6.71	209.00	0.58	-6.04	188.74	0.48
831	1	-5.66	227.91	0.63	-4.67	198.96	0.51
832	1	-6.66	207.18	0.58	-5.99	187.12	0.48
833	1	-5.63	227.00	0.63	-4.66	198.46	0.51
834	1	-4.87	108.03	0.30	-4.23	93.26	0.29
	2	-5.91	185.93	0.52	-5.21	162.27	0.41
835	1	-5.77	133.57	0.37	-5.12	118.41	0.36
	2	-4.15	144.86	0.40	-3.76	130.92	0.33
	3	-7.12	196.16	0.54	-6.42	176.59	0.45
836	1	-1.34	34.15	0.09	-0.90	23.41	0.06
837	1	-8.83	231.11	0.64	-7.53	197.51	0.52
838	1	-4.92	123.35	0.34	-4.20	104.95	0.29
840	1	-1.46	33.13	0.09	-1.20	27.09	0.08
	2	-1.87	59.74	0.17	-1.52	48.36	0.12
841	1	-5.91	186.14	0.52	-5.16	162.40	0.42
842	1	-1.80	56.16	0.16	-1.51	46.40	0.12
	2	-1.50	33.11	0.09	-1.25	27.26	0.09
844	1	-1.52	39.41	0.11	-1.11	28.31	0.08
846	1	-1.21	28.66	0.08	-0.98	23.18	0.07
	2	-2.13	69.89	0.19	-1.84	60.04	0.15
847	1	-6.02	190.44	0.53	-5.28	166.62	0.43
848	1	-1.54	50.21	0.14	-1.19	38.67	0.10
	2	-1.76	39.99	0.11	-1.50	33.75	0.10
851	1	-1.48	35.66	0.10	-1.18	28.29	0.08
	2	-2.00	71.40	0.20	-1.59	56.60	0.14
852	1	-6.18	217.72	0.60	-5.40	189.91	0.49
853	1	-1.82	65.15	0.18	-1.48	52.36	0.13
	2	-1.54	36.64	0.10	-1.26	29.77	0.09
855	1	-3.67	84.77	0.24	-3.09	70.90	0.21
	2	-3.22	112.93	0.31	-2.84	98.13	0.25
	3	-6.84	187.59	0.52	-6.05	165.32	0.42
857	1	-7.07	195.28	0.54	-6.27	172.75	0.44
	2	-3.21	114.50	0.32	-2.84	99.83	0.26

	3	-3.51	82.05	0.23	-2.90	67.56	0.20
859	1	-1.12	29.40	0.08	-0.89	23.68	0.06
	2	-2.30	86.52	0.24	-1.99	74.67	0.19
860	1	-6.27	222.78	0.62	-5.49	194.98	0.50
861	1	-1.50	55.04	0.15	-1.09	40.08	0.10
	2	-1.88	45.47	0.13	-1.61	38.80	0.11
863	1	-1.80	46.95	0.13	-1.48	38.02	0.10
	2	-1.15	37.06	0.10	-0.85	26.56	0.07
864	1	-5.34	169.71	0.47	-4.68	148.04	0.38
865	1	-1.74	56.18	0.16	-1.47	46.65	0.12
	2	-1.32	29.99	0.08	-1.10	24.62	0.08
867	1	-4.94	109.79	0.30	-4.34	95.87	0.30
	2	-6.30	198.92	0.55	-5.56	174.49	0.45
868	1	-4.87	153.68	0.43	-4.44	138.27	0.35
869	1	-4.87	154.19	0.43	-4.43	138.62	0.35
870	1	-6.39	202.51	0.56	-5.65	177.97	0.45
	2	-4.90	109.42	0.30	-4.29	95.21	0.30
872	1	-1.27	29.31	0.08	-1.06	24.16	0.07
	2	-1.72	56.33	0.16	-1.46	47.27	0.12
873	1	-5.35	171.18	0.48	-4.68	149.54	0.38
874	1	-0.94	31.11	0.09	-0.61	20.28	0.05
	2	-2.03	53.78	0.15	-1.73	45.55	0.12
876	1	-0.90	34.43	0.10	-0.65	26.56	0.07
878	1	-0.71	28.87	0.08	-0.43	20.26	0.05
880	1	-0.43	20.39	0.06	-0.11	11.13	0.03
882	1	-0.33	17.05	0.05	0.00	7.70	0.02
884	1	-0.77	38.12	0.11	-0.37	25.46	0.07
885	1	-5.43	168.94	0.47	-4.77	148.63	0.38
886	1	-5.39	167.53	0.47	-4.74	147.89	0.38
888	1	-0.84	39.28	0.11	-0.40	25.06	0.06
890	1	-0.57	25.31	0.07	-0.26	15.33	0.04
892	1	-0.49	23.51	0.07	-0.17	13.80	0.04
894	1	-0.72	28.78	0.08	-0.45	20.62	0.05
896	1	-0.82	31.06	0.09	-0.59	24.14	0.06
899	1	-1.22	49.69	0.14	-1.19	47.86	0.12
900	1	-1.41	57.52	0.16	-1.29	52.79	0.13
901	1	-1.33	59.97	0.17	-1.19	54.22	0.14
902	1	-1.03	41.70	0.12	-0.90	36.77	0.09
903	1	-1.21	56.80	0.16	-1.05	49.86	0.13
904	1	-1.03	41.76	0.12	-0.92	37.06	0.09
905	1	-1.31	59.36	0.16	-1.18	53.75	0.14
906	1	-1.38	57.28	0.16	-1.26	52.16	0.13
907	1	-1.17	47.94	0.13	-1.13	45.81	0.12
908	1	-2.81	101.61	0.28	-2.52	91.48	0.23
909	1	-2.39	85.59	0.24	-2.12	77.06	0.20
910	1	-2.46	88.10	0.24	-2.10	76.79	0.20
911	1	-2.45	88.09	0.24	-2.10	77.24	0.20
912	1	-2.55	91.84	0.26	-2.14	78.25	0.20
913	1	-3.02	111.12	0.31	-2.56	94.83	0.24

914	1	-3.05	111.76	0.31	-2.60	96.40	0.25
915	1	-2.72	97.01	0.27	-2.32	83.96	0.21
916	1	-2.61	91.56	0.25	-2.23	80.12	0.20
917	1	-2.46	87.90	0.24	-2.12	76.67	0.20
918	1	-2.30	81.76	0.23	-2.05	73.87	0.19
919	1	-2.57	93.38	0.26	-2.31	84.45	0.22
920	1	-2.00	75.24	0.21	-1.60	64.16	0.16
	2	-4.11	155.93	0.43	-3.53	140.09	0.36
921	1	-2.19	82.17	0.23	-1.77	71.79	0.18
	2	-1.54	67.36	0.19	-1.33	60.24	0.15
	3	-3.98	152.29	0.42	-3.38	136.23	0.35
922	1	-2.46	95.34	0.26	-2.03	85.02	0.22
	2	-2.64	112.11	0.31	-2.29	101.23	0.26
	3	-4.61	179.07	0.50	-3.98	161.34	0.41
923	1	-2.63	104.23	0.29	-2.23	93.64	0.24
	2	-2.99	129.76	0.36	-2.64	117.82	0.30
	3	-5.19	205.19	0.57	-4.56	185.93	0.48
924	1	-2.78	115.32	0.32	-2.40	103.92	0.27
	2	-3.11	138.96	0.39	-2.75	125.77	0.32
	3	-5.42	219.78	0.61	-4.79	198.64	0.51
925	1	-2.54	109.01	0.30	-2.24	98.60	0.25
	2	-2.86	130.68	0.36	-2.55	118.01	0.30
	3	-5.00	206.20	0.57	-4.46	186.13	0.48
926	1	-1.56	72.15	0.20	-1.37	64.27	0.16
	2	-2.04	96.73	0.27	-1.80	86.10	0.22
	3	-3.49	148.39	0.41	-3.08	131.79	0.34
927	1	-2.57	109.69	0.30	-2.26	99.41	0.25
	2	-2.88	131.07	0.36	-2.56	118.66	0.30
	3	-5.03	206.95	0.57	-4.48	187.21	0.48
928	1	-2.79	116.24	0.32	-2.41	104.96	0.27
	2	-3.12	139.91	0.39	-2.77	126.93	0.32
	3	-5.45	221.16	0.61	-4.82	200.28	0.51
929	1	-2.63	105.00	0.29	-2.22	94.18	0.24
	2	-2.99	130.55	0.36	-2.63	118.42	0.30
	3	-5.19	206.20	0.57	-4.55	186.59	0.48
930	1	-2.46	96.17	0.27	-2.02	85.39	0.22
	2	-2.64	112.99	0.31	-2.28	101.73	0.26
	3	-4.62	180.19	0.50	-3.97	161.80	0.41
931	1	-2.20	82.56	0.23	-1.75	71.66	0.18
	2	-1.54	67.52	0.19	-1.32	60.15	0.15
	3	-3.98	152.33	0.42	-3.35	135.57	0.35
932	1	-1.79	70.82	0.20	-1.38	59.25	0.15
	2	-3.95	149.57	0.42	-3.36	133.30	0.34
933	1	-3.75	124.73	0.35	-2.93	97.04	0.25
934	1	-3.86	142.00	0.39	-3.23	118.66	0.30
935	1	-1.59	63.81	0.18	-1.29	53.24	0.14
936	1	-1.60	64.53	0.18	-1.30	53.97	0.14
937	1	-3.98	145.84	0.41	-3.37	122.79	0.31
942	1	-1.32	28.08	0.08	-0.82	13.32	0.06

943	1	-1.31	26.64	0.07	-0.81	12.23	0.06
944	1	-0.74	17.51	0.05	-0.47	9.22	0.03
945	1	-0.79	14.91	0.04	-0.51	5.02	0.04
946	1	-0.75	14.51	0.04	-0.48	-1.95	0.03
947	1	-0.72	16.80	0.05	-0.45	8.53	0.03
948	1	-1.40	68.56	0.19	-1.01	46.12	0.12
949	1	-1.43	69.64	0.19	-1.05	47.45	0.12
950	1	-1.81	73.24	0.20	-1.59	64.05	0.16
951	1	-1.63	67.55	0.19	-1.42	58.84	0.15
952	1	-1.53	63.44	0.18	-1.33	55.11	0.14
953	1	-1.80	72.61	0.20	-1.58	63.43	0.16
954	1	-0.99	40.54	0.11	-0.87	35.15	0.09
	2	-0.70	32.27	0.09	-0.62	28.31	0.07
	3	-1.48	58.97	0.16	-1.30	51.84	0.13
956	1	-1.13	48.49	0.13	-0.95	40.93	0.10
	2	-0.41	22.35	0.06	-0.33	16.43	0.04
	3	-0.54	26.70	0.07	-0.41	19.74	0.05
958	1	-0.87	41.78	0.12	-0.70	32.59	0.08
	2	-0.60	30.64	0.09	-0.50	23.04	0.06
	3	-0.77	37.85	0.11	-0.63	29.76	0.08
959	1	-0.98	46.37	0.13	-0.83	37.69	0.10
	2	-0.88	41.47	0.12	-0.77	33.00	0.08
	3	-0.58	32.06	0.09	-0.49	23.54	0.06
960	1	-0.80	40.35	0.11	-0.70	31.01	0.08
	2	-2.42	100.95	0.28	-2.22	89.44	0.23
961	1	-2.44	101.29	0.28	-2.24	90.03	0.23
	2	-0.80	40.46	0.11	-0.70	31.22	0.08
962	1	-0.59	32.68	0.09	-0.50	24.22	0.06
	2	-0.89	41.91	0.12	-0.77	33.57	0.09
	3	-0.98	46.55	0.13	-0.83	37.77	0.10
963	1	-0.76	37.77	0.10	-0.61	29.44	0.08
	2	-0.60	31.08	0.09	-0.50	23.49	0.06
	3	-0.88	42.84	0.12	-0.72	33.60	0.09
965	1	-0.54	27.48	0.08	-0.40	20.00	0.05
	2	-0.42	23.45	0.07	-0.34	17.30	0.04
	3	-1.11	48.59	0.13	-0.94	40.76	0.10
967	1	-1.50	59.56	0.17	-1.33	52.66	0.13
	2	-0.70	32.07	0.09	-0.62	28.12	0.07
	3	-1.01	40.55	0.11	-0.88	35.33	0.09
968	1	-6.83	214.59	0.60	-5.94	186.03	0.48
	2	-4.26	94.28	0.26	-3.59	79.16	0.25
969	1	-8.19	225.46	0.63	-7.26	200.49	0.51
	2	-4.44	156.97	0.44	-4.00	141.07	0.36
	3	-4.98	115.89	0.32	-4.27	99.54	0.30
970	1	-6.93	217.54	0.60	-6.15	194.22	0.50
971	1	-6.86	215.41	0.60	-6.09	192.48	0.49
972	1	-4.37	96.35	0.27	-3.69	80.97	0.26
	2	-6.67	209.10	0.58	-5.80	181.16	0.46
	1	-5.12	119.24	0.33	-4.41	102.82	0.31

973	2	-4.36	154.41	0.43	-3.93	138.71	0.35
	3	-8.03	221.16	0.61	-7.11	196.49	0.50
974	1	-7.10	253.12	0.70	-6.59	234.52	0.60
975	1	-4.18	137.71	0.38	-3.83	125.95	0.32
977	1	-2.06	49.32	0.14	-1.55	35.58	0.11
	2	-2.48	103.92	0.29	-1.87	73.83	0.19
978	1	-6.26	247.06	0.69	-5.43	212.62	0.54
979	1	-2.19	88.68	0.25	-1.74	68.14	0.17
	2	-1.79	41.19	0.11	-1.41	31.79	0.10
981	1	-1.05	24.87	0.07	-0.75	17.15	0.05
984	1	-7.04	219.13	0.61	-6.63	202.85	0.52
	2	-3.93	162.29	0.45	-3.77	145.98	0.37
	3	-6.41	201.84	0.56	-6.01	184.90	0.47
985	1	-2.36	78.85	0.22	-1.92	59.29	0.15
	2	-0.47	34.56	0.10	-0.41	16.11	0.04
	3	-2.28	63.54	0.18	-1.81	47.42	0.13
988	1	-2.11	46.51	0.13	-1.54	33.91	0.11
	2	-2.36	80.28	0.22	-1.73	59.20	0.15
989	1	-8.24	230.47	0.64	-6.91	192.94	0.49
	2	-4.88	175.76	0.49	-4.13	146.90	0.38
	3	-8.12	226.93	0.63	-6.80	189.95	0.49
990	1	-2.14	78.39	0.22	-1.61	58.48	0.15
	2	-1.96	44.15	0.12	-1.50	33.61	0.10
992	1	-3.42	75.24	0.21	-2.63	57.65	0.18
	2	-3.31	120.00	0.33	-2.82	100.24	0.26
	3	-7.73	223.76	0.62	-6.56	189.74	0.48
996	1	-1.19	67.76	0.19	-1.02	60.63	0.15
997	1	-7.89	224.18	0.62	-7.56	216.63	0.55
	2	-4.20	148.82	0.41	-4.18	146.92	0.38
	3	-7.09	203.50	0.57	-6.77	195.94	0.50
998	1	-2.75	79.52	0.22	-2.31	67.08	0.17
	2	-0.68	26.98	0.07	-0.54	20.32	0.05
	3	-2.59	75.55	0.21	-2.05	60.48	0.15

SLE:VERIFICHE TENSIONALI PILASTRI

Pilastro	Segmento	CHR			QP		
		oc [N/mm ²]	os [N/mm ²]	Fattore di utilizzo	oc [N/mm ²]	os [N/mm ²]	Fattore di utilizzo
1	1	-3.90	-49.61	0.20	-3.57	-47.80	0.25
10	1	-4.72	-61.25	0.25	-4.33	-58.29	0.30
100	1	-2.51	-22.78	0.13	-2.27	-24.23	0.16
101	1	-7.43	-70.66	0.39	-6.83	-68.52	0.47
102	1	-5.56	-47.22	0.29	-5.26	-45.74	0.37
103	1	-5.11	-44.93	0.27	-4.79	-43.48	0.33
104	1	-5.99	-52.12	0.31	-5.58	-50.55	0.39
105	1	-7.05	-60.46	0.37	-6.56	-58.86	0.46
106	1	-7.25	-63.11	0.38	-6.71	-61.30	0.47
107	1	-4.89	-39.54	0.25	-4.49	-39.11	0.31
108	1	-6.83	-59.21	0.36	-6.34	-57.79	0.44
109	1	-6.86	-59.57	0.36	-6.39	-58.27	0.44
11	1	-4.11	-56.49	0.21	-3.78	-53.70	0.26
110	1	-7.27	-63.52	0.38	-6.76	-61.82	0.47
111	1	-7.06	-60.55	0.37	-6.57	-58.97	0.46
1115	1	-3.33	-18.95	0.17	-2.73	-21.31	0.19
112	1	-5.99	-52.14	0.31	-5.58	-50.54	0.39
113	1	-5.07	-44.53	0.26	-4.75	-43.07	0.33
114	1	-5.39	-45.17	0.28	-5.07	-43.79	0.35
115	1	-7.25	-67.68	0.38	-6.66	-65.82	0.46
116	1	-3.41	-42.88	0.18	-3.20	-41.78	0.22
117	1	-2.51	-22.85	0.13	-2.27	-24.28	0.16
118	1	-4.22	-42.80	0.22	-3.72	-41.84	0.26
119	1	-3.78	-42.43	0.20	-3.32	-41.24	0.23
12	1	-3.82	-50.08	0.20	-3.48	-48.55	0.24
120	1	-3.84	-48.04	0.20	-3.43	-45.22	0.24
121	1	-4.79	-51.82	0.25	-4.24	-49.51	0.29
122	1	-5.27	-65.77	0.27	-4.71	-62.21	0.33
123	1	-4.99	-60.37	0.26	-4.44	-56.87	0.31
124	1	-1.92	-25.15	0.10	-1.75	-24.39	0.12
125	1	-5.10	-61.19	0.27	-4.58	-57.80	0.32
126	1	-5.48	-67.86	0.29	-4.93	-64.57	0.34
127	1	-5.00	-53.43	0.26	-4.53	-51.44	0.31
128	1	-3.96	-49.12	0.21	-3.57	-46.59	0.25
129	1	-3.92	-43.58	0.20	-3.50	-42.44	0.24
1290	1	-3.24	-27.34	0.17	-2.88	-28.34	0.20
13	1	-3.85	-48.78	0.20	-3.52	-47.21	0.24
130	1	-3.65	-40.56	0.19	-3.23	-39.49	0.22
131	1	-6.84	-73.77	0.36	-6.11	-70.78	0.42
132	1	-4.72	-52.61	0.25	-4.23	-49.83	0.29
133	1	-4.04	-48.11	0.21	-3.58	-46.11	0.25
134	1	-4.05	-49.95	0.21	-3.63	-46.92	0.25
135	1	-4.64	-52.38	0.24	-4.12	-49.66	0.29
136	1	-4.88	-60.15	0.25	-4.39	-56.20	0.30
137	1	-2.31	-14.90	0.12	-1.42	-15.24	0.10
138	1	-2.55	-18.68	0.13	-1.69	-17.01	0.12
139	1	-5.77	-64.28	0.30	-5.17	-61.33	0.36

14	1	-6.74	-87.27	0.35	-6.16	-83.34	0.43
140	1	-4.89	-56.67	0.25	-4.44	-54.21	0.31
141	1	-3.94	-52.28	0.21	-3.50	-49.85	0.24
142	1	-4.30	-49.61	0.22	-3.91	-48.11	0.27
143	1	-4.05	-48.91	0.21	-3.67	-47.08	0.25
144	1	-5.80	-65.98	0.30	-5.19	-62.53	0.36
145	1	-4.58	-50.60	0.24	-4.12	-48.43	0.29
146	1	-4.06	-42.78	0.21	-3.67	-40.72	0.25
147	1	-3.44	-39.20	0.18	-3.11	-37.71	0.22
148	1	-3.41	-39.54	0.18	-3.11	-37.52	0.22
149	1	-3.92	-41.94	0.20	-3.56	-39.96	0.25
15	1	-4.62	-60.46	0.24	-4.20	-57.44	0.29
150	1	-4.10	-48.42	0.21	-3.75	-45.91	0.26
151	1	-4.84	-52.01	0.25	-4.43	-50.32	0.31
152	1	-4.17	-45.57	0.22	-3.85	-44.00	0.27
153	1	-3.37	-42.90	0.18	-3.04	-41.00	0.21
154	1	-3.59	-39.23	0.19	-3.30	-38.43	0.23
155	1	-3.52	-38.81	0.18	-3.21	-37.45	0.22
156	1	-4.04	-44.52	0.21	-3.66	-43.41	0.25
157	1	-3.60	-39.05	0.19	-3.34	-38.50	0.23
158	1	-2.71	-22.20	0.14	-2.39	-24.15	0.17
159	1	-7.59	-66.87	0.40	-6.99	-64.91	0.49
16	1	-4.20	-55.88	0.22	-3.80	-53.47	0.26
160	1	-6.54	-45.40	0.34	-6.11	-44.10	0.42
161	1	-6.00	-44.48	0.31	-5.60	-42.92	0.39
162	1	-7.03	-51.51	0.37	-6.51	-49.72	0.45
163	1	-8.34	-60.29	0.43	-7.72	-58.41	0.54
164	1	-8.54	-62.26	0.44	-7.85	-60.09	0.55
165	1	-5.43	-33.34	0.28	-4.90	-32.81	0.34
166	1	-8.34	-61.51	0.43	-7.70	-59.62	0.54
167	1	-8.38	-61.93	0.44	-7.77	-60.17	0.54
168	1	-8.57	-62.72	0.45	-7.93	-60.67	0.55
169	1	-8.37	-60.38	0.44	-7.75	-58.52	0.54
17	1	-4.21	-57.63	0.22	-3.84	-54.28	0.27
170	1	-7.04	-51.53	0.37	-6.52	-49.71	0.45
171	1	-5.96	-44.06	0.31	-5.56	-42.51	0.39
172	1	-6.06	-42.50	0.32	-5.69	-41.27	0.40
173	1	-6.74	-62.35	0.35	-6.19	-60.73	0.43
174	1	-3.56	-39.04	0.19	-3.30	-38.48	0.23
175	1	-2.71	-22.31	0.14	-2.39	-24.24	0.17
176	1	-4.97	-38.00	0.26	-3.35	-35.45	0.23
177	1	-4.56	-36.90	0.24	-3.39	-36.42	0.24
178	1	-4.26	-42.47	0.22	-3.36	-39.72	0.23
179	1	-5.32	-45.39	0.28	-4.05	-42.22	0.28
18	1	-4.64	-60.43	0.24	-4.21	-57.54	0.29
180	1	-5.31	-57.92	0.28	-4.25	-53.23	0.30
181	1	-5.45	-56.71	0.28	-4.53	-51.72	0.31
1819	1	-2.70	-21.98	0.14	-2.11	-23.27	0.15
183	1	-5.50	-56.75	0.29	-4.57	-51.70	0.32

184	1	-5.36	-58.40	0.28	-4.30	-53.00	0.30
185	1	-5.32	-45.13	0.28	-4.04	-41.21	0.28
186	1	-4.25	-42.28	0.22	-3.34	-39.05	0.23
187	1	-4.58	-36.79	0.24	-3.41	-35.67	0.24
188	1	-4.93	-37.00	0.26	-3.30	-37.32	0.23
189	1	-7.48	-64.42	0.39	-5.80	-59.51	0.40
19	1	-5.10	-70.08	0.27	-4.65	-65.71	0.32
190	1	-5.58	-45.62	0.29	-4.35	-43.48	0.30
191	1	-4.34	-42.87	0.23	-3.49	-41.02	0.24
192	1	-4.28	-44.58	0.22	-3.61	-41.95	0.25
193	1	-5.03	-46.26	0.26	-4.15	-43.86	0.29
1937	1	-2.37	-23.99	0.12	-1.76	-22.87	0.12
194	1	-4.99	-52.76	0.26	-4.36	-49.50	0.30
1948	1	-4.06	-31.39	0.21	-3.14	-31.33	0.22
1949	1	-1.82	-17.54	0.09	-1.43	-19.95	0.10
195	1	-2.07	-12.90	0.11	-1.27	-12.43	0.09
1950	1	-2.09	-19.67	0.11	-1.71	-22.50	0.12
196	1	-2.33	-16.10	0.12	-1.56	-14.14	0.11
1969	1	-2.00	-16.90	0.10	-1.60	-19.60	0.11
197	1	-5.19	-52.30	0.27	-4.63	-50.92	0.32
1970	1	-2.32	-19.67	0.12	-1.94	-22.14	0.13
1971	1	-2.36	-18.41	0.12	-1.94	-20.53	0.13
198	1	-4.98	-44.53	0.26	-4.08	-42.40	0.28
1986	1	-2.66	-21.73	0.14	-2.27	-23.43	0.16
1987	1	-2.29	-19.18	0.12	-1.83	-20.83	0.13
1989	1	-3.02	-26.43	0.16	-2.68	-26.94	0.19
199	1	-4.10	-44.28	0.21	-3.48	-42.15	0.24
2	1	-3.78	-49.47	0.20	-3.43	-47.87	0.24
20	1	-2.62	-21.13	0.14	-2.04	-22.54	0.14
200	1	-4.31	-41.54	0.22	-3.51	-38.97	0.24
201	1	-5.40	-44.07	0.28	-4.19	-45.17	0.29
202	1	-7.16	-60.96	0.37	-5.53	-59.37	0.38
203	1	-5.00	-43.84	0.26	-3.93	-40.51	0.27
204	1	-4.80	-38.10	0.25	-3.77	-35.20	0.26
205	1	-3.98	-35.32	0.21	-3.25	-33.91	0.23
206	1	-3.91	-35.40	0.20	-3.27	-33.80	0.23
207	1	-4.60	-37.01	0.24	-3.75	-35.76	0.26
208	1	-4.44	-41.81	0.23	-3.80	-40.24	0.26
209	1	-4.59	-42.72	0.24	-3.98	-41.41	0.28
21	1	-3.97	-31.33	0.21	-3.08	-31.04	0.21
210	1	-4.59	-36.04	0.24	-3.75	-35.24	0.26
211	1	-3.84	-35.14	0.20	-3.19	-34.69	0.22
212	1	-3.96	-33.84	0.21	-3.26	-32.05	0.23
213	1	-4.56	-35.33	0.24	-3.58	-35.23	0.25
214	1	-4.72	-41.29	0.25	-3.71	-37.99	0.26
215	1	-4.65	-35.50	0.24	-3.71	-36.80	0.26
216	1	-4.87	-23.64	0.25	-3.55	-27.43	0.25
217	1	-7.87	-58.46	0.41	-6.91	-57.92	0.48
218	1	-7.06	-40.47	0.37	-6.60	-40.10	0.46

219	1	-6.25	-41.70	0.33	-5.86	-41.11	0.41
22	1	-5.20	-71.40	0.27	-4.79	-67.63	0.33
220	1	-7.09	-47.93	0.37	-6.67	-46.69	0.46
221	1	-8.44	-56.61	0.44	-7.94	-55.35	0.55
222	1	-8.50	-57.10	0.44	-7.93	-55.41	0.55
223	1	-5.68	-21.69	0.30	-5.03	-21.33	0.35
224	1	-8.89	-63.09	0.46	-8.33	-61.21	0.58
225	1	-8.95	-63.59	0.47	-8.42	-61.86	0.58
226	1	-8.55	-57.64	0.45	-8.02	-56.09	0.56
227	1	-8.46	-56.69	0.44	-7.97	-55.42	0.55
228	1	-7.10	-47.93	0.37	-6.67	-46.64	0.46
229	1	-6.22	-41.50	0.32	-5.84	-40.97	0.41
23	1	-4.93	-64.93	0.26	-4.52	-62.12	0.31
230	1	-6.86	-41.27	0.36	-6.42	-40.85	0.45
231	1	-7.56	-59.14	0.39	-6.65	-59.13	0.46
232	1	-4.57	-35.44	0.24	-3.64	-36.70	0.25
233	1	-4.86	-23.78	0.25	-3.55	-27.52	0.25
234	1	-1.12	-11.89	0.06	-0.99	-11.88	0.07
235	1	-6.15	-29.31	0.32	-3.32	-28.77	0.23
236	1	-5.50	-30.94	0.29	-2.88	-30.81	0.20
237	1	-5.75	-37.59	0.30	-3.35	-36.61	0.23
238	1	-6.88	-41.76	0.36	-4.51	-39.00	0.31
239	1	-7.00	-51.52	0.36	-4.93	-49.01	0.34
24	1	-4.29	-59.44	0.22	-3.95	-56.32	0.27
240	1	-6.31	-54.93	0.33	-4.87	-51.63	0.34
241	1	-6.27	-55.37	0.33	-4.82	-52.23	0.33
242	1	-6.92	-51.77	0.36	-4.86	-49.24	0.34
243	1	-6.86	-41.53	0.36	-4.48	-38.79	0.31
244	1	-5.67	-37.13	0.30	-3.29	-36.08	0.23
245	1	-5.52	-30.59	0.29	-2.89	-30.53	0.20
246	1	-6.17	-29.95	0.32	-3.37	-29.69	0.23
247	1	-8.58	-56.08	0.45	-6.05	-52.46	0.42
248	1	-5.96	-37.17	0.31	-3.93	-35.78	0.27
249	1	-5.05	-36.38	0.26	-3.26	-34.77	0.23
25	1	-4.24	-56.41	0.22	-3.87	-54.41	0.27
250	1	-4.76	-37.88	0.25	-3.28	-35.61	0.23
251	1	-5.12	-39.41	0.27	-3.76	-36.49	0.26
252	1	-4.84	-44.37	0.25	-3.83	-41.12	0.27
253	1	-1.95	-11.44	0.10	-1.18	-9.59	0.08
254	1	-2.16	-13.95	0.11	-1.40	-11.35	0.10
255	1	-4.74	-44.63	0.25	-3.74	-41.67	0.26
256	1	-5.14	-38.31	0.27	-3.76	-35.46	0.26
257	1	-4.78	-37.50	0.25	-3.27	-35.67	0.23
258	1	-5.05	-34.90	0.26	-3.23	-33.41	0.22
259	1	-5.90	-36.49	0.31	-3.89	-35.76	0.27
26	1	-4.46	-58.30	0.23	-4.08	-55.91	0.28
260	1	-8.55	-52.92	0.45	-5.98	-50.48	0.42
261	1	-4.45	-34.80	0.23	-2.95	-32.29	0.21
262	1	-4.30	-30.15	0.22	-2.88	-28.73	0.20

263	1	-3.68	-28.59	0.19	-2.36	-27.66	0.16
264	1	-3.49	-29.10	0.18	-2.37	-27.74	0.16
265	1	-3.89	-30.36	0.20	-2.89	-29.04	0.20
266	1	-3.52	-34.00	0.18	-2.96	-32.18	0.21
267	1	-3.47	-34.23	0.18	-2.96	-32.75	0.21
268	1	-3.92	-29.93	0.20	-2.91	-28.77	0.20
269	1	-3.50	-29.18	0.18	-2.36	-28.14	0.16
27	1	-6.33	-81.10	0.33	-5.79	-77.91	0.40
270	1	-3.67	-27.28	0.19	-2.35	-26.35	0.16
271	1	-4.18	-28.66	0.22	-2.78	-27.70	0.19
272	1	-4.31	-32.20	0.22	-2.79	-29.82	0.19
273	1	-13.02	180.17	0.68	-10.96	145.11	0.76
274	1	-14.60	252.39	0.76	-11.86	182.57	0.82
275	1	-10.34	-50.05	0.54	-7.14	-49.08	0.50
276	1	-12.91	158.29	0.67	-9.22	-44.00	0.64
277	1	-9.13	-46.90	0.48	-5.33	-47.13	0.37
278	1	-10.63	-48.94	0.55	-6.68	-48.27	0.46
279	1	-12.14	-56.35	0.63	-8.35	-56.00	0.58
28	1	-4.55	-59.93	0.24	-4.15	-57.50	0.29
280	1	-12.59	-51.53	0.66	-8.60	-50.35	0.60
282	1	-12.75	-74.77	0.66	-9.46	-73.26	0.66
283	1	-12.75	-75.29	0.66	-9.52	-73.92	0.66
284	1	-12.65	-52.02	0.66	-8.67	-51.01	0.60
285	1	-12.17	-56.32	0.63	-8.38	-55.98	0.58
286	1	-10.65	-48.76	0.55	-6.69	-48.18	0.46
287	1	-9.19	-46.50	0.48	-5.34	-46.77	0.37
288	1	-12.85	156.05	0.67	-9.20	-42.84	0.64
289	1	-10.28	-50.06	0.54	-7.05	-49.23	0.49
29	1	-4.08	-51.58	0.21	-3.71	-49.43	0.26
290	1	-13.09	183.19	0.68	-11.00	146.78	0.76
291	1	-14.64	252.86	0.76	-11.89	183.21	0.83
293	1	-5.24	-47.05	0.27	-3.92	-54.66	0.27
	2	-5.21	-47.77	0.27	-4.54	-50.91	0.32
294	1	-2.93	-36.74	0.15	-2.52	-35.11	0.18
	2	-3.35	-30.76	0.17	-2.64	-30.23	0.18
295	1	-3.76	-47.55	0.20	-3.26	-45.27	0.23
	2	-3.57	-38.66	0.19	-2.88	-37.29	0.20
296	1	-5.64	-64.62	0.29	-4.73	-63.99	0.33
	2	-5.72	-50.37	0.30	-4.91	-48.04	0.34
297	1	-6.55	-82.69	0.34	-5.65	-78.43	0.39
	2	-6.19	-69.37	0.32	-5.28	-65.14	0.37
298	1	-6.27	-47.85	0.33	-5.43	-46.90	0.38
299	1	-6.24	-47.67	0.32	-5.36	-46.77	0.37
3	1	-4.05	-55.78	0.21	-3.71	-52.85	0.26
30	1	-3.65	-47.84	0.19	-3.33	-45.96	0.23
300	1	-6.48	-81.82	0.34	-5.57	-77.43	0.39
	2	-6.15	-69.33	0.32	-5.24	-65.16	0.36
301	1	-5.59	-64.23	0.29	-4.69	-63.35	0.33
	2	-5.69	-49.56	0.30	-4.89	-47.13	0.34

302	1	-3.66	-46.59	0.19	-3.18	-44.20	0.22
	2	-3.46	-37.62	0.18	-2.79	-36.59	0.19
303	1	-2.94	-36.66	0.15	-2.53	-35.08	0.18
	2	-3.32	-30.53	0.17	-2.63	-29.79	0.18
304	1	-5.19	-47.28	0.27	-3.90	-54.69	0.27
	2	-5.19	-49.20	0.27	-4.53	-51.88	0.31
305	1	-8.31	-98.54	0.43	-7.02	-96.27	0.49
	2	-8.32	-78.28	0.43	-7.05	-75.79	0.49
306	1	-5.83	-67.37	0.30	-4.84	-67.25	0.34
	2	-6.93	-60.82	0.36	-5.91	-58.74	0.41
307	1	-4.25	-52.43	0.22	-3.61	-51.05	0.25
	2	-4.83	-47.51	0.25	-3.98	-45.91	0.28
308	1	-4.35	-54.01	0.23	-3.70	-52.51	0.26
	2	-4.83	-49.18	0.25	-4.02	-47.54	0.28
309	1	-5.92	-72.83	0.31	-5.02	-70.14	0.35
	2	-6.94	-65.15	0.36	-5.94	-62.50	0.41
31	1	-3.60	-48.01	0.19	-3.31	-45.80	0.23
310	1	-6.31	-81.05	0.33	-5.43	-76.51	0.38
	2	-7.29	-74.52	0.38	-6.27	-70.40	0.44
311	1	-4.49	-38.94	0.23	-3.39	-40.41	0.24
312	1	-4.44	-38.99	0.23	-3.40	-40.35	0.24
313	1	-6.32	-81.27	0.33	-5.44	-76.64	0.38
	2	-7.30	-74.53	0.38	-6.28	-70.34	0.44
314	1	-5.86	-72.20	0.31	-4.98	-69.34	0.35
	2	-6.88	-63.48	0.36	-5.89	-60.82	0.41
315	1	-4.19	-52.45	0.22	-3.57	-50.90	0.25
	2	-4.67	-48.62	0.24	-3.89	-46.92	0.27
316	1	-4.18	-51.62	0.22	-3.57	-50.19	0.25
	2	-4.75	-45.48	0.25	-3.92	-44.07	0.27
317	1	-6.09	-54.19	0.32	-5.20	-52.73	0.36
318	1	-7.99	-94.35	0.42	-6.77	-92.44	0.47
	2	-7.90	-73.19	0.41	-6.72	-71.24	0.47
319	1	-5.05	-62.97	0.26	-4.26	-59.99	0.30
	2	-6.17	-55.77	0.32	-5.15	-56.21	0.36
32	1	-4.04	-51.01	0.21	-3.69	-49.03	0.26
320	1	-4.71	-56.43	0.25	-3.93	-54.79	0.27
	2	-5.57	-49.43	0.29	-4.73	-49.38	0.33
321	1	-3.35	-38.67	0.17	-2.70	-38.46	0.19
	2	-3.79	-37.55	0.20	-2.97	-36.67	0.21
322	1	-3.42	-39.29	0.18	-2.76	-39.19	0.19
	2	-3.78	-37.33	0.20	-3.01	-36.59	0.21
323	1	-4.60	-56.50	0.24	-3.92	-54.75	0.27
	2	-5.46	-50.79	0.28	-4.68	-49.81	0.33
324	1	-5.02	-62.89	0.26	-4.34	-60.83	0.30
	2	-5.79	-58.04	0.30	-5.05	-55.70	0.35
325	1	-5.05	-63.26	0.26	-4.36	-61.12	0.30
	2	-5.81	-58.07	0.30	-5.08	-55.73	0.35
326	1	-4.60	-56.49	0.24	-3.92	-54.64	0.27
	2	-5.46	-50.36	0.28	-4.68	-49.35	0.33

3262	1	-0.92	-1.92	0.05	-0.67	-3.03	0.05
327	1	-3.34	-38.47	0.17	-2.68	-38.34	0.19
	2	-3.69	-37.35	0.19	-2.94	-36.75	0.20
328	1	-3.31	-38.07	0.17	-2.67	-37.78	0.19
	2	-3.75	-35.45	0.20	-2.96	-34.89	0.21
329	1	-4.44	-52.44	0.23	-3.70	-51.53	0.26
	2	-5.26	-45.70	0.27	-4.47	-46.67	0.31
33	1	-4.38	-59.36	0.23	-4.03	-56.41	0.28
330	1	-4.70	-57.53	0.24	-3.97	-55.75	0.28
	2	-5.76	-50.16	0.30	-4.82	-51.69	0.33
34	1	-4.49	-60.31	0.23	-4.15	-57.91	0.29
35	1	-4.30	-54.92	0.22	-3.96	-52.97	0.27
350	1	-7.86	-61.67	0.41	-6.60	-63.91	0.46
351	1	-7.62	-60.73	0.40	-6.40	-62.80	0.44
352	1	-7.17	-63.02	0.37	-6.12	-60.06	0.42
353	1	-7.15	-62.87	0.37	-6.08	-59.94	0.42
354	1	-5.99	-46.51	0.31	-5.08	-45.04	0.35
355	1	-6.02	-46.57	0.31	-5.10	-45.08	0.35
356	1	-6.50	-47.69	0.34	-5.42	-46.16	0.38
357	1	-6.54	-47.69	0.34	-5.46	-46.28	0.38
358	1	-4.20	-34.55	0.22	-3.42	-35.96	0.24
359	1	-4.21	-34.92	0.22	-3.43	-36.19	0.24
36	1	-3.70	-50.09	0.19	-3.43	-47.81	0.24
360	1	-3.42	-28.73	0.18	-2.80	-27.59	0.19
361	1	-3.47	-28.33	0.18	-2.85	-27.98	0.20
362	1	-5.12	-39.33	0.27	-4.48	-37.54	0.31
363	1	-3.28	-25.66	0.17	-2.79	-25.74	0.19
364	1	-3.18	-30.85	0.17	-2.70	-29.69	0.19
365	1	-5.71	-42.60	0.30	-4.98	-39.94	0.35
366	1	-5.70	-54.54	0.30	-4.97	-50.58	0.35
367	1	-3.89	-38.96	0.20	-3.36	-36.30	0.23
368	1	-3.90	-39.01	0.20	-3.38	-36.36	0.23
369	1	-5.69	-54.37	0.30	-4.96	-50.47	0.34
37	1	-3.63	-47.26	0.19	-3.34	-45.94	0.23
370	1	-5.73	-42.22	0.30	-5.01	-39.46	0.35
371	1	-3.12	-30.29	0.16	-2.67	-28.67	0.19
372	1	-3.27	-25.27	0.17	-2.80	-25.27	0.19
373	1	-5.29	-39.66	0.28	-4.64	-37.57	0.32
374	1	-7.17	-61.96	0.37	-6.08	-58.29	0.42
375	1	-6.87	-50.91	0.36	-5.94	-48.29	0.41
376	1	-4.44	-41.35	0.23	-3.85	-39.71	0.27
377	1	-4.40	-43.29	0.23	-3.83	-40.99	0.27
378	1	-6.92	-53.63	0.36	-6.02	-50.36	0.42
379	1	-7.12	-62.20	0.37	-6.20	-57.34	0.43
38	1	-3.90	-49.13	0.20	-3.57	-47.51	0.25
380	1	-1.96	-18.96	0.10	-1.46	-21.52	0.10
	2	-2.69	-21.04	0.14	-1.74	-19.83	0.12
381	1	-2.23	-8.98	0.12	-1.13	-8.46	0.08
382	1	-7.13	-62.24	0.37	-6.20	-57.30	0.43

383	1	-6.92	-52.27	0.36	-6.03	-48.66	0.42
384	1	-4.30	-42.53	0.22	-3.74	-39.96	0.26
385	1	-4.40	-39.18	0.23	-3.82	-37.82	0.27
386	1	-6.17	-44.16	0.32	-5.36	-42.20	0.37
387	1	-6.76	-56.05	0.35	-5.77	-53.04	0.40
388	1	-5.85	-47.44	0.30	-4.98	-45.38	0.35
389	1	-5.51	-41.16	0.29	-4.80	-39.42	0.33
39	1	-4.22	-54.79	0.22	-3.85	-53.27	0.27
390	1	-3.29	-32.14	0.17	-2.83	-31.13	0.20
391	1	-3.30	-32.25	0.17	-2.85	-31.07	0.20
392	1	-5.40	-41.50	0.28	-4.76	-39.59	0.33
393	1	-5.66	-47.36	0.29	-5.02	-44.95	0.35
394	1	-5.66	-47.39	0.29	-5.03	-45.01	0.35
395	1	-5.41	-41.23	0.28	-4.78	-39.21	0.33
396	1	-3.21	-32.35	0.17	-2.78	-31.14	0.19
397	1	-3.27	-30.17	0.17	-2.82	-29.40	0.20
398	1	-5.17	-37.49	0.27	-4.51	-36.62	0.31
399	1	-5.44	-41.80	0.28	-4.65	-40.86	0.32
4	1	-4.66	-60.40	0.24	-4.26	-57.34	0.30
400	1	-5.30	-47.60	0.28	-4.50	-46.04	0.31
401	1	-5.42	-47.29	0.28	-4.62	-45.48	0.32
402	1	-5.24	-43.83	0.27	-4.63	-41.81	0.32
403	1	-5.25	-43.75	0.27	-4.64	-41.75	0.32
404	1	-3.11	-36.20	0.16	-2.75	-34.55	0.19
405	1	-3.11	-36.22	0.16	-2.75	-34.52	0.19
406	1	-2.94	-32.53	0.15	-2.59	-31.42	0.18
407	1	-2.97	-32.58	0.15	-2.63	-31.49	0.18
408	1	-2.84	-27.25	0.15	-2.49	-26.44	0.17
409	1	-2.86	-27.28	0.15	-2.51	-26.42	0.17
41	1	-3.42	-47.79	0.18	-3.21	-46.49	0.22
410	1	-2.27	-24.48	0.12	-1.95	-23.40	0.14
411	1	-2.27	-24.59	0.12	-1.96	-23.42	0.14
412	1	-4.55	-33.51	0.24	-4.02	-32.36	0.28
413	1	-2.60	-20.63	0.14	-2.22	-19.97	0.15
414	1	-2.33	-24.32	0.12	-2.00	-23.14	0.14
415	1	-5.16	-34.15	0.27	-4.49	-32.07	0.31
416	1	-4.63	-43.25	0.24	-4.02	-39.86	0.28
417	1	-3.38	-29.55	0.18	-2.94	-27.85	0.20
418	1	-3.38	-29.55	0.18	-2.94	-27.84	0.20
419	1	-4.61	-43.09	0.24	-4.00	-39.76	0.28
42	1	-2.24	-25.41	0.12	-2.05	-26.67	0.14
420	1	-5.32	-34.36	0.28	-4.64	-32.07	0.32
421	1	-2.40	-25.02	0.13	-2.08	-23.61	0.14
422	1	-2.63	-20.62	0.14	-2.26	-20.07	0.16
423	1	-4.60	-32.00	0.24	-4.08	-30.74	0.28
424	1	-6.40	-50.12	0.33	-5.51	-46.88	0.38
425	1	-6.19	-44.16	0.32	-5.40	-41.59	0.38
426	1	-3.79	-35.33	0.20	-3.31	-33.48	0.23
427	1	-3.83	-37.32	0.20	-3.35	-35.16	0.23

428	1	-6.29	-45.20	0.33	-5.48	-42.31	0.38
429	1	-6.39	-52.10	0.33	-5.59	-48.12	0.39
43	1	-6.63	-79.00	0.35	-6.14	-76.53	0.43
430	1	-2.58	-16.97	0.13	-1.69	-15.04	0.12
431	1	-2.10	-12.12	0.11	-1.40	-11.40	0.10
432	1	-6.40	-52.16	0.33	-5.60	-48.08	0.39
433	1	-6.42	-44.77	0.33	-5.61	-41.63	0.39
434	1	-3.85	-37.94	0.20	-3.37	-35.59	0.23
435	1	-3.81	-33.73	0.20	-3.34	-32.04	0.23
436	1	-5.44	-36.10	0.28	-4.77	-34.40	0.33
437	1	-6.02	-43.66	0.31	-5.22	-41.22	0.36
438	1	-5.16	-39.75	0.27	-4.51	-37.69	0.31
439	1	-4.78	-34.39	0.25	-4.28	-32.62	0.30
44	1	-4.37	-52.21	0.23	-4.13	-50.54	0.29
440	1	-2.63	-27.20	0.14	-2.34	-25.79	0.16
441	1	-2.66	-27.23	0.14	-2.38	-25.79	0.17
442	1	-4.74	-34.66	0.25	-4.25	-32.80	0.30
443	1	-4.95	-39.70	0.26	-4.47	-37.29	0.31
444	1	-4.96	-39.85	0.26	-4.47	-37.36	0.31
445	1	-4.75	-34.60	0.25	-4.27	-32.47	0.30
446	1	-2.57	-27.34	0.13	-2.30	-25.84	0.16
447	1	-2.65	-25.38	0.14	-2.36	-24.19	0.16
448	1	-4.41	-30.23	0.23	-3.97	-29.61	0.28
449	1	-4.75	-33.92	0.25	-4.16	-33.03	0.29
45	1	-3.94	-47.76	0.21	-3.72	-46.32	0.26
450	1	-3.97	-38.96	0.21	-3.40	-37.19	0.24
451	1	-4.13	-38.28	0.22	-3.55	-36.49	0.25
452	1	-4.33	-35.54	0.23	-3.87	-33.60	0.27
453	1	-4.34	-35.47	0.23	-3.88	-33.55	0.27
454	1	-2.27	-29.08	0.12	-2.03	-27.55	0.14
455	1	-2.29	-29.11	0.12	-2.04	-27.51	0.14
456	1	-2.80	-26.38	0.15	-2.48	-25.15	0.17
457	1	-2.83	-26.44	0.15	-2.51	-25.18	0.17
458	1	-2.30	-22.68	0.12	-2.04	-21.67	0.14
459	1	-2.32	-22.78	0.12	-2.07	-21.63	0.14
46	1	-4.62	-55.56	0.24	-4.33	-54.00	0.30
460	1	-1.53	-20.32	0.08	-1.38	-19.35	0.10
461	1	-1.53	-20.30	0.08	-1.38	-19.38	0.10
462	1	-4.69	-25.64	0.24	-4.18	-24.97	0.29
463	1	-2.32	-15.81	0.12	-1.98	-15.51	0.14
464	1	-1.93	-19.00	0.10	-1.68	-18.06	0.12
465	1	-4.99	-27.38	0.26	-4.33	-25.61	0.30
466	1	-4.15	-34.17	0.22	-3.64	-31.79	0.25
467	1	-2.88	-23.54	0.15	-2.52	-22.12	0.17
468	1	-2.88	-23.46	0.15	-2.52	-22.10	0.17
469	1	-4.13	-34.13	0.21	-3.62	-31.73	0.25
47	1	-5.43	-64.57	0.28	-5.07	-62.96	0.35
470	1	-5.01	-27.54	0.26	-4.37	-25.69	0.30
471	1	-1.87	-19.13	0.10	-1.65	-18.13	0.11

472	1	-2.27	-15.63	0.12	-1.96	-15.38	0.14
473	1	-4.66	-25.54	0.24	-4.13	-24.84	0.29
474	1	-5.69	-39.75	0.30	-4.95	-37.26	0.34
475	1	-6.12	-34.44	0.32	-5.34	-32.29	0.37
476	1	-3.42	-29.26	0.18	-3.01	-27.79	0.21
477	1	-3.34	-31.14	0.17	-2.96	-29.27	0.21
478	1	-5.89	-36.65	0.31	-5.12	-34.16	0.36
479	1	-5.82	-42.01	0.30	-5.12	-38.73	0.36
48	1	-5.60	-67.38	0.29	-5.23	-65.61	0.36
480	1	-2.33	-14.38	0.12	-1.56	-12.27	0.11
481	1	-1.87	-18.11	0.10	-1.47	-20.53	0.10
482	1	-5.82	-42.15	0.30	-5.12	-38.74	0.36
483	1	-5.89	-36.40	0.31	-5.16	-33.84	0.36
484	1	-3.22	-31.10	0.17	-2.87	-29.27	0.20
485	1	-3.39	-27.48	0.18	-2.99	-26.30	0.21
486	1	-5.14	-27.79	0.27	-4.51	-26.85	0.31
487	1	-5.23	-33.03	0.27	-4.56	-31.70	0.32
488	1	-4.66	-31.72	0.24	-4.10	-29.97	0.28
489	1	-4.48	-27.38	0.23	-4.02	-25.92	0.28
49	1	-3.91	-45.49	0.20	-3.63	-45.01	0.25
490	1	-2.21	-21.83	0.11	-1.97	-20.81	0.14
491	1	-2.23	-21.99	0.12	-1.99	-20.78	0.14
492	1	-4.43	-27.68	0.23	-3.96	-26.06	0.27
493	1	-4.53	-31.49	0.24	-4.08	-29.58	0.28
494	1	-4.53	-31.68	0.24	-4.08	-29.65	0.28
495	1	-4.43	-27.58	0.23	-3.99	-25.85	0.28
496	1	-2.12	-21.94	0.11	-1.91	-20.81	0.13
497	1	-2.25	-20.38	0.12	-2.02	-19.32	0.14
498	1	-4.11	-23.14	0.21	-3.70	-22.83	0.26
499	1	-4.28	-26.00	0.22	-3.80	-25.41	0.26
5	1	-5.58	-76.92	0.29	-5.09	-72.80	0.35
50	1	-5.18	-61.65	0.27	-4.83	-60.35	0.34
500	1	-3.89	-30.85	0.20	-3.44	-29.68	0.24
501	1	-4.03	-30.36	0.21	-3.56	-29.30	0.25
502	1	-4.11	-27.74	0.21	-3.72	-26.53	0.26
503	1	-4.12	-27.74	0.21	-3.73	-26.49	0.26
504	1	-1.75	-22.01	0.09	-1.57	-20.89	0.11
505	1	-1.77	-21.99	0.09	-1.59	-20.86	0.11
506	1	-2.34	-20.06	0.12	-2.09	-19.20	0.14
507	1	-2.36	-20.04	0.12	-2.11	-19.21	0.15
508	1	-1.95	-17.49	0.10	-1.76	-16.74	0.12
509	1	-1.97	-17.45	0.10	-1.78	-16.73	0.12
51	1	-5.21	-62.00	0.27	-4.87	-60.79	0.34
510	1	-1.33	-16.34	0.07	-1.22	-15.68	0.09
511	1	-1.31	-16.26	0.07	-1.21	-15.69	0.08
512	1	-4.56	-16.66	0.24	-4.03	-16.24	0.28
513	1	-1.88	-10.88	0.10	-1.57	-10.79	0.11
514	1	-1.45	-12.87	0.08	-1.25	-12.41	0.09
515	1	-5.06	-19.91	0.26	-4.33	-18.59	0.30

516	1	-3.57	-24.81	0.19	-3.13	-23.13	0.22
517	1	-2.36	-17.29	0.12	-2.04	-16.34	0.14
518	1	-2.34	-17.16	0.12	-2.04	-16.31	0.14
519	1	-3.55	-24.79	0.18	-3.11	-23.07	0.22
52	1	-5.63	-67.76	0.29	-5.27	-66.11	0.37
520	1	-5.18	-20.06	0.27	-4.42	-18.63	0.31
521	1	-1.43	-12.99	0.07	-1.24	-12.42	0.09
522	1	-1.87	-10.80	0.10	-1.58	-10.65	0.11
523	1	-4.54	-16.62	0.24	-3.99	-16.05	0.28
524	1	-4.99	-29.74	0.26	-4.32	-27.95	0.30
525	1	-5.89	-25.91	0.31	-5.08	-24.59	0.35
526	1	-2.91	-23.45	0.15	-2.55	-22.37	0.18
527	1	-2.83	-25.36	0.15	-2.51	-23.97	0.17
528	1	-5.64	-27.97	0.29	-4.86	-26.04	0.34
529	1	-5.36	-32.07	0.28	-4.71	-29.54	0.33
53	1	-5.43	-64.67	0.28	-5.08	-63.09	0.35
530	1	-2.12	-12.18	0.11	-1.42	-9.42	0.10
531	1	-2.12	-20.26	0.11	-1.74	-23.08	0.12
532	1	-5.36	-32.06	0.28	-4.70	-29.52	0.33
533	1	-5.75	-27.94	0.30	-4.95	-25.77	0.34
534	1	-2.73	-25.45	0.14	-2.44	-24.03	0.17
535	1	-2.97	-22.25	0.15	-2.57	-21.26	0.18
536	1	-4.95	-20.40	0.26	-4.24	-20.20	0.29
537	1	-5.40	-23.42	0.28	-4.44	-23.03	0.31
538	1	-4.20	-23.44	0.22	-3.72	-22.06	0.26
539	1	-4.37	-20.09	0.23	-3.89	-18.97	0.27
54	1	-4.62	-55.57	0.24	-4.33	-53.99	0.30
540	1	-1.79	-16.05	0.09	-1.59	-15.34	0.11
541	1	-1.82	-16.18	0.09	-1.61	-15.34	0.11
542	1	-4.28	-20.41	0.22	-3.80	-19.09	0.26
543	1	-4.21	-23.47	0.22	-3.79	-21.96	0.26
544	1	-4.22	-23.62	0.22	-3.79	-22.00	0.26
545	1	-4.42	-20.66	0.23	-3.85	-18.96	0.27
546	1	-1.79	-16.47	0.09	-1.53	-15.40	0.11
547	1	-2.33	-15.64	0.12	-1.64	-14.21	0.11
548	1	-4.87	-17.80	0.25	-3.56	-15.84	0.25
549	1	-5.40	-18.91	0.28	-3.79	-17.96	0.26
55	1	-3.92	-47.34	0.20	-3.69	-45.90	0.26
550	1	-3.29	-19.67	0.17	-2.94	-18.98	0.20
551	1	-3.59	-19.18	0.19	-3.12	-18.42	0.22
552	1	-3.70	-18.38	0.19	-3.33	-17.76	0.23
553	1	-3.73	-18.28	0.19	-3.34	-17.76	0.23
554	1	-1.30	-14.82	0.07	-1.16	-14.11	0.08
555	1	-1.33	-14.72	0.07	-1.18	-14.05	0.08
556	1	-1.89	-13.75	0.10	-1.67	-13.20	0.12
557	1	-1.91	-13.67	0.10	-1.70	-13.15	0.12
558	1	-1.52	-11.25	0.08	-1.35	-10.93	0.09
559	1	-1.51	-11.28	0.08	-1.37	-10.90	0.10
56	1	-4.24	-50.23	0.22	-3.98	-48.66	0.28

560	1	-1.01	-10.28	0.05	-0.92	-9.78	0.06
561	1	-0.99	-10.27	0.05	-0.89	-9.81	0.06
562	1	-6.29	121.58	0.34	-5.54	106.76	0.38
563	1	-2.97	37.21	0.15	-2.46	-7.97	0.17
564	1	-1.39	-7.75	0.07	-1.13	-7.65	0.08
565	1	-5.18	64.48	0.27	-4.42	51.44	0.31
566	1	-3.27	-16.16	0.17	-2.76	-15.50	0.19
567	1	-2.51	-11.14	0.13	-2.06	-11.01	0.14
568	1	-2.64	-10.71	0.14	-2.02	-10.82	0.14
569	1	-3.58	-15.89	0.19	-2.78	-15.46	0.19
57	1	-6.44	-76.16	0.34	-5.94	-73.97	0.41
570	1	-5.51	71.62	0.29	-4.51	52.94	0.31
571	1	-1.42	-7.81	0.07	-1.07	-7.72	0.07
572	1	-2.90	35.98	0.15	-2.42	-7.89	0.17
573	1	-6.39	121.30	0.34	-5.68	108.04	0.39
574	1	-5.32	-20.93	0.28	-4.76	-20.36	0.33
575	1	-6.90	82.49	0.36	-6.11	70.24	0.42
576	1	-3.33	-20.05	0.17	-2.94	-19.14	0.20
577	1	-3.39	-22.35	0.18	-3.02	-21.24	0.21
578	1	-5.91	-20.29	0.31	-4.85	-19.11	0.34
579	1	-5.23	-22.91	0.27	-4.47	-21.22	0.31
58	1	-3.38	-47.36	0.18	-3.17	-46.06	0.22
580	1	-2.14	-10.32	0.11	-1.40	-8.05	0.10
581	1	-2.02	-17.15	0.11	-1.63	-19.88	0.11
582	1	-5.56	-22.39	0.29	-4.46	-21.18	0.31
583	1	-6.50	-19.72	0.34	-4.98	-18.63	0.35
584	1	-4.06	-22.10	0.21	-3.02	-21.75	0.21
585	1	-5.17	-19.24	0.27	-3.54	-19.46	0.25
586	1	-7.12	98.40	0.37	-6.01	74.31	0.42
587	1	-4.41	52.29	0.23	-3.74	-16.99	0.26
588	1	-4.51	-16.51	0.24	-3.92	-15.60	0.27
589	1	-4.94	54.50	0.26	-4.29	-14.37	0.30
59	1	-2.24	-25.45	0.12	-2.05	-26.71	0.14
590	1	-1.72	-12.23	0.09	-1.46	-11.55	0.10
591	1	-1.79	-12.18	0.09	-1.50	-11.44	0.10
592	1	-4.76	-14.95	0.25	-4.08	-14.09	0.28
593	1	-4.25	-15.95	0.22	-3.68	-14.87	0.26
594	1	-4.58	-15.68	0.24	-3.66	-14.82	0.25
595	1	-5.62	75.48	0.29	-4.08	-13.73	0.28
596	1	-2.67	-11.21	0.14	-1.39	-11.25	0.10
597	1	-4.50	59.75	0.23	-1.95	-11.11	0.14
598	1	-7.41	129.14	0.39	-4.27	64.64	0.30
599	1	-6.91	102.61	0.36	-4.33	50.82	0.30
6	1	-4.91	-68.15	0.26	-4.48	-63.92	0.31
60	1	-3.94	-45.54	0.21	-3.60	-43.95	0.25
600	1	-3.80	43.46	0.20	-3.37	38.47	0.23
601	1	-4.53	58.19	0.24	-3.99	50.69	0.28
602	1	-5.91	95.50	0.31	-5.19	84.16	0.36
603	1	-6.02	98.11	0.31	-5.23	85.33	0.36

604	1	-1.02	-7.70	0.05	-0.88	-7.41	0.06
605	1	-1.09	-7.69	0.06	-0.89	-7.41	0.06
606	1	-2.96	39.90	0.15	-2.53	31.47	0.18
607	1	-3.05	43.46	0.16	-2.58	33.24	0.18
608	1	-1.88	-6.35	0.10	-1.58	-6.16	0.11
609	1	-2.02	22.21	0.11	-1.67	-6.20	0.12
61	1	-3.74	-45.66	0.19	-3.38	-43.95	0.23
610	1	-0.67	-4.60	0.03	-0.58	-4.41	0.04
611	1	-0.68	-4.63	0.04	-0.56	-4.44	0.04
615	1	-7.32	143.70	0.40	-6.43	125.75	0.45
616	1	-4.54	78.49	0.24	-3.89	65.00	0.27
617	1	-2.27	42.69	0.12	-1.75	29.66	0.12
618	1	-2.52	47.76	0.13	-1.87	32.87	0.13
619	1	-4.41	74.81	0.23	-3.71	60.72	0.26
62	1	-3.99	-51.86	0.21	-3.64	-48.82	0.25
620	1	-7.46	147.32	0.41	-6.52	128.55	0.45
624	1	-6.32	133.75	0.37	-5.56	117.26	0.39
625	1	-7.42	154.92	0.43	-6.65	137.17	0.46
626	1	-7.80	131.83	0.41	-6.79	114.24	0.47
627	1	-9.86	184.08	0.51	-8.65	161.60	0.60
628	1	-7.96	153.90	0.43	-6.99	134.40	0.49
629	1	-8.37	152.95	0.44	-7.37	133.78	0.51
63	1	-4.67	-55.57	0.24	-4.27	-52.48	0.30
630	1	-2.51	-9.66	0.13	-1.96	-10.63	0.14
631	1	-2.51	-9.38	0.13	-1.92	-10.55	0.13
632	1	-8.35	151.87	0.44	-7.25	131.15	0.50
633	1	-8.41	169.84	0.47	-7.09	138.18	0.49
634	1	-9.93	187.29	0.52	-8.34	158.32	0.58
635	1	-8.63	142.19	0.45	-7.01	114.32	0.49
636	1	-5.67	114.58	0.32	-4.51	90.77	0.31
637	1	-4.69	132.46	0.37	-3.54	102.23	0.26
638	1	-5.58	114.16	0.32	-4.95	102.02	0.34
639	1	-5.98	124.64	0.35	-5.33	111.30	0.37
64	1	-5.38	-71.18	0.28	-4.89	-66.97	0.34
640	1	-1.87	-4.25	0.10	-1.58	-4.20	0.11
641	1	-1.98	23.98	0.10	-1.67	-4.16	0.12
642	1	-5.77	121.04	0.34	-5.13	107.60	0.36
643	1	-5.70	119.90	0.33	-5.08	106.01	0.35
644	1	-5.59	115.36	0.32	-5.01	104.28	0.35
645	1	-6.27	136.65	0.38	-5.15	108.93	0.36
646	1	-2.69	43.47	0.14	-1.36	-4.06	0.09
647	1	-4.33	76.56	0.23	-1.88	-6.39	0.13
648	1	-5.34	122.58	0.34	-3.16	79.69	0.22
649	1	-4.70	109.65	0.30	-2.39	66.71	0.17
	2	-3.77	111.58	0.31	-2.29	80.54	0.21
65	1	-4.80	-63.00	0.25	-4.35	-59.19	0.30
66	1	-2.60	-31.22	0.14	-2.41	-30.32	0.17
67	1	-4.82	-63.36	0.25	-4.39	-59.61	0.30
68	1	-5.48	-72.75	0.29	-5.00	-68.75	0.35

69	1	-4.72	-56.51	0.25	-4.32	-53.66	0.30
7	1	-2.94	-38.07	0.15	-2.73	-37.02	0.19
70	1	-4.03	-52.68	0.21	-3.68	-49.73	0.26
71	1	-3.79	-46.31	0.20	-3.44	-44.67	0.24
72	1	-3.91	-44.41	0.20	-3.56	-43.00	0.25
725	1	-2.25	-20.02	0.12	-1.87	-22.60	0.13
73	1	-6.74	-79.21	0.35	-6.14	-75.58	0.43
74	1	-4.63	-55.79	0.24	-4.21	-52.73	0.29
75	1	-4.13	-51.79	0.21	-3.72	-49.33	0.26
76	1	-4.15	-53.54	0.22	-3.77	-50.12	0.26
77	1	-4.65	-55.79	0.24	-4.21	-52.77	0.29
78	1	-5.01	-64.58	0.26	-4.54	-60.32	0.31
79	1	-1.90	-19.19	0.10	-1.43	-21.12	0.10
8	2	-2.20	-20.33	0.11	-1.48	-21.44	0.10
80	1	-4.92	-68.47	0.26	-4.51	-64.33	0.31
81	1	-2.67	-20.84	0.14	-1.75	-19.79	0.12
82	1	-5.08	-66.33	0.26	-4.65	-62.73	0.32
83	1	-4.95	-60.25	0.26	-4.53	-57.46	0.31
84	1	-4.26	-54.96	0.22	-3.90	-52.10	0.27
85	1	-4.19	-52.41	0.22	-3.82	-50.39	0.26
86	1	-4.49	-53.15	0.23	-4.10	-50.76	0.28
87	1	-6.38	-72.41	0.33	-5.82	-69.58	0.40
88	1	-4.40	-53.97	0.23	-4.01	-51.90	0.28
89	1	-4.13	-46.35	0.22	-3.76	-44.36	0.26
90	1	-3.62	-43.26	0.19	-3.30	-41.44	0.23
91	1	-5.67	-78.45	0.30	-5.20	-74.49	0.36
92	1	-3.60	-43.54	0.19	-3.29	-41.26	0.23
93	1	-4.10	-45.91	0.21	-3.73	-43.84	0.26
94	1	-4.29	-53.43	0.22	-3.94	-50.62	0.27
95	1	-4.36	-54.84	0.23	-4.02	-52.58	0.28
96	1	-4.38	-49.83	0.23	-4.02	-47.74	0.28
97	1	-3.70	-45.31	0.19	-3.42	-43.07	0.24
98	1	-3.62	-42.76	0.19	-3.33	-41.46	0.23
99	1	-3.96	-43.63	0.21	-3.62	-42.18	0.25
982	1	-4.08	-48.68	0.21	-3.72	-47.53	0.26
983	1	-2.72	-21.25	0.14	-2.24	-23.53	0.16
99	1	-4.20	-24.83	0.22	-3.60	-26.68	0.25
99	1	-3.47	-43.25	0.18	-3.25	-42.16	0.23

SLE:VERIFICHE TENSIONALI SETTI

Setto	Sezione	Quota [m]	CHR			QP		
			σ_c [N/mm ²]	σ_s [N/mm ²]	Fattore di utiliz.	σ_c [N/mm ²]	σ_s [N/mm ²]	Fattore di utiliz.
W-ASC-DX	1B	-15.77	-0.44	-5.06	0.02	-0.37	-5.47	0.03
	1T	-11.27	-0.39	-5.03	0.02	-0.31	-4.67	0.02
	2B	-11.27	-0.38	-4.81	0.02	-0.30	-4.45	0.02
	2T	-7.87	-0.48	-5.53	0.03	-0.31	-4.60	0.02
	3B	-7.87	-0.47	-5.30	0.02	-0.29	-4.38	0.02
	3T	-4.45	-0.61	-6.51	0.03	-0.34	-5.11	0.02
	4B	-4.45	-0.60	-6.29	0.03	-0.33	-4.89	0.02
	4T	0	-1.27	-13.49	0.07	-0.51	-7.41	0.04
	5B	0	-1.26	-13.41	0.07	-0.49	-7.20	0.03
	5T	4.75	-0.89	-9.49	0.05	-0.42	-6.12	0.03
	6B	4.75	-0.88	-9.40	0.05	-0.40	-5.90	0.03
	6T	8.16	-0.82	-7.96	0.04	-0.36	-5.34	0.03
	7B	8.16	-0.82	-7.86	0.04	-0.35	-5.12	0.02
	7T	11.57	-0.67	-6.06	0.03	-0.30	-4.45	0.02
	8B	11.57	-0.67	-5.94	0.03	-0.29	-4.24	0.02
	8T	14.98	-0.48	-4.36	0.03	-0.25	-3.67	0.02
	9B	14.98	-0.48	-4.19	0.03	-0.24	-3.45	0.02
	9T	18.4	-0.35	-3.31	0.02	-0.20	-2.98	0.01
	10B	18.4	-0.34	-3.11	0.02	-0.19	-2.76	0.01
	10T	21.8	-0.25	-2.27	0.01	-0.15	-2.20	0.01
11B	21.8	-0.25	-2.06	0.01	-0.14	-1.99	0.01	
11T	25.2	-0.29	-1.38	0.02	-0.10	-1.50	0.01	
12B	25.2	-0.29	-0.89	0.02	-0.09	-1.30	0.01	
12T	28.7	-0.08	-0.52	0.00	-0.04	-0.58	0.00	
W-ASC-MID-	1B	-15.77	-0.57	-6.56	0.03	-0.48	-7.08	0.03
	1T	-11.27	-0.59	-6.63	0.03	-0.47	-6.96	0.03
	2B	-11.27	-0.57	-6.09	0.03	-0.45	-6.66	0.03
	2T	-7.87	-0.61	-6.24	0.03	-0.48	-7.13	0.03
	3B	-7.87	-0.59	-5.70	0.03	-0.46	-6.83	0.03
	3T	-4.45	-0.68	-6.26	0.04	-0.52	-7.77	0.04
	4B	-4.45	-0.66	-5.94	0.03	-0.50	-7.47	0.04
	4T	0	-0.95	-7.76	0.05	-0.70	-10.34	0.05
	5B	0	-0.93	-7.45	0.05	-0.68	-10.04	0.05
	5T	4.75	-0.97	-8.25	0.05	-0.72	-10.55	0.05
	6B	4.75	-0.96	-7.94	0.05	-0.70	-10.25	0.05
	6T	8.16	-0.89	-6.69	0.05	-0.62	-9.11	0.04
	7B	8.16	-0.88	-6.38	0.05	-0.60	-8.81	0.04
	7T	11.57	-0.65	-5.61	0.03	-0.46	-6.77	0.03
	8B	11.57	-0.63	-5.30	0.03	-0.44	-6.47	0.03
	8T	14.98	-0.52	-4.95	0.03	-0.37	-5.40	0.03
	9B	14.98	-0.50	-4.64	0.03	-0.35	-5.10	0.02
	9T	18.4	-0.43	-4.36	0.02	-0.30	-4.48	0.02
	10B	18.4	-0.41	-4.05	0.02	-0.28	-4.18	0.02
	10T	21.8	-0.35	-2.68	0.02	-0.24	-3.55	0.02
11B	21.8	-0.33	-2.37	0.02	-0.22	-3.25	0.02	
11T	25.2	-0.36	-2.21	0.02	-0.19	-2.76	0.01	
12B	25.2	-0.35	-1.68	0.02	-0.17	-2.46	0.01	

	12T	28.7	-0.35	-4.00	0.02	-0.29	-4.29	0.02
	1B	-15.77	-2.76	-34.21	0.14	-2.42	-33.12	0.17
	1T	-11.27	-3.27	-37.61	0.17	-2.85	-36.38	0.20
	2B	-11.27	-3.48	-37.34	0.18	-3.06	-36.19	0.21
	2T	-7.87	-2.97	-33.95	0.15	-2.65	-33.17	0.18
	3B	-7.87	-2.21	-27.47	0.12	-2.01	-26.92	0.14
	3T	-4.45	-2.23	-27.32	0.12	-1.99	-26.64	0.14
	4B	-4.45	-2.11	-25.44	0.11	-1.88	-24.24	0.13
	4T	0	-2.36	-27.16	0.12	-2.13	-26.07	0.15
	5B	0	-1.48	-18.43	0.08	-1.29	-17.97	0.09
	5T	4.75	-1.66	-19.12	0.09	-1.41	-18.86	0.10
	6B	4.75	-1.55	-18.06	0.08	-1.36	-17.63	0.09
	6T	8.16	-1.76	-19.46	0.09	-1.52	-18.83	0.11
W-ASC-MID-;	7B	8.16	-2.26	-21.71	0.12	-1.97	-20.39	0.14
	7T	11.57	-2.03	-20.47	0.11	-1.79	-19.21	0.12
	8B	11.57	-1.57	-15.36	0.08	-1.37	-14.50	0.10
	8T	14.98	-1.60	-15.83	0.08	-1.39	-14.65	0.10
	9B	14.98	-1.50	-12.73	0.08	-1.27	-11.73	0.09
	9T	18.4	-1.56	-13.29	0.08	-1.33	-12.06	0.09
	10B	18.4	-1.46	13.80	0.08	-1.21	10.57	0.08
	10T	21.8	-1.61	15.89	0.08	-1.17	10.08	0.08
	11B	21.8	-1.78	29.54	0.09	-1.27	22.07	0.09
	11T	25.2	-2.36	38.54	0.12	-1.55	26.54	0.11
	12B	25.2	-2.64	58.10	0.16	-1.70	43.36	0.12
	12T	28.7	-2.46	55.80	0.16	-1.80	44.94	0.12
	1B	-15.77	-0.57	-6.60	0.03	-0.48	-7.09	0.03
	1T	-11.27	-0.49	-6.28	0.03	-0.39	-5.79	0.03
	2B	-11.27	-0.47	-5.96	0.02	-0.37	-5.52	0.03
	2T	-7.87	-0.60	-6.86	0.03	-0.38	-5.74	0.03
	3B	-7.87	-0.59	-6.58	0.03	-0.37	-5.47	0.03
	3T	-4.45	-0.76	-8.10	0.04	-0.43	-6.38	0.03
	4B	-4.45	-0.75	-7.82	0.04	-0.41	-6.11	0.03
	4T	0	-1.68	25.09	0.09	-0.63	-9.19	0.04
	5B	0	-1.68	26.91	0.09	-0.61	-8.92	0.04
	5T	4.75	-1.14	-12.04	0.06	-0.52	-7.63	0.04
	6B	4.75	-1.15	-12.03	0.06	-0.50	-7.36	0.03
	6T	8.16	-1.06	-10.02	0.06	-0.46	-6.69	0.03
W-ASC-SX	7B	8.16	-1.07	-10.00	0.06	-0.44	-6.41	0.03
	7T	11.57	-0.86	-7.56	0.04	-0.39	-5.68	0.03
	8B	11.57	-0.87	-7.47	0.05	-0.37	-5.41	0.03
	8T	14.98	-0.61	-5.37	0.03	-0.32	-4.71	0.02
	9B	14.98	-0.61	-5.14	0.03	-0.30	-4.44	0.02
	9T	18.4	-0.43	-3.98	0.02	-0.26	-3.89	0.02
	10B	18.4	-0.43	-3.71	0.02	-0.25	-3.62	0.02
	10T	21.8	-0.28	-2.56	0.01	-0.20	-2.98	0.01
	11B	21.8	-0.27	-2.28	0.01	-0.19	-2.72	0.01
	11T	25.2	-0.33	-1.34	0.02	-0.13	-1.94	0.01
	12B	25.2	-0.33	5.03	0.02	-0.12	-1.70	0.01
	12T	28.7	-0.10	-0.72	0.01	-0.05	-0.75	0.00

W-DX	1B	-15.77	-1.18	-11.22	0.06	-0.82	-12.31	0.06
	1T	-11.27	-1.37	-11.65	0.07	-0.93	-13.82	0.06
	2B	-11.27	-1.21	-10.53	0.06	-0.77	-11.49	0.05
	2T	-7.87	-1.53	-10.95	0.08	-0.89	-13.32	0.06
	3B	-7.87	-1.36	-9.85	0.07	-0.73	-10.93	0.05
	3T	-4.45	-1.78	31.89	0.09	-0.91	-13.56	0.06
	4B	-4.45	-1.60	31.69	0.09	-0.72	-10.75	0.05
	4T	0	-1.95	48.52	0.13	-1.08	-16.05	0.08
	5B	0	-3.22	69.83	0.19	-1.40	-20.60	0.10
	5T	4.75	-1.50	-16.41	0.08	-1.21	-17.94	0.08
	6B	4.75	-1.45	-16.09	0.08	-1.19	-17.56	0.08
	6T	8.16	-1.90	34.25	0.10	-1.09	-16.16	0.08
	7B	8.16	-1.79	33.00	0.09	-0.98	-14.46	0.07
	7T	11.57	-1.79	34.54	0.10	-0.90	-13.30	0.06
	8B	11.57	-1.67	33.43	0.09	-0.78	-11.50	0.05
	8T	14.98	-1.56	30.59	0.08	-0.79	-11.59	0.05
	9B	14.98	-1.35	27.33	0.08	-0.59	-8.70	0.04
	9T	18.4	-1.22	23.61	0.07	-0.66	-9.81	0.05
10B	18.4	-0.94	18.56	0.05	-0.41	-6.06	0.03	
10T	21.8	-0.83	15.39	0.04	-0.54	-7.89	0.04	
11B	21.8	-0.51	9.54	0.03	-0.25	-3.70	0.02	
11T	25.2	-0.48	8.59	0.02	-0.39	5.86	0.03	
12B	25.2	-0.18	3.27	0.01	-0.10	-1.50	0.01	
12T	28.7	-0.16	2.97	0.01	-0.14	2.31	0.01	
W-MID-DX	5T	4.75	-1.44	-15.59	0.08	-1.17	-17.25	0.08
	6B	4.75	-2.35	-23.33	0.12	-1.81	-26.53	0.13
	6T	8.16	-2.26	-17.95	0.12	-1.56	-23.09	0.11
	7B	8.16	-1.60	-11.71	0.08	-1.00	-14.91	0.07
	7T	11.57	-1.69	17.77	0.09	-1.07	-15.81	0.07
	8B	11.57	-1.71	-10.71	0.09	-1.01	-14.93	0.07
	8T	14.98	-1.39	16.82	0.07	-0.90	-13.26	0.06
	9B	14.98	-1.46	-8.50	0.08	-0.84	-12.43	0.06
	9T	18.4	-1.04	13.26	0.05	-0.72	-10.62	0.05
	10B	18.4	-1.13	-6.54	0.06	-0.67	-9.84	0.05
	10T	21.8	-0.71	12.59	0.04	-0.54	-7.95	0.04
	11B	21.8	-0.80	-4.64	0.04	-0.46	-6.83	0.03
11T	25.2	-0.70	32.45	0.09	-0.27	-3.93	0.02	
12B	25.2	-1.06	20.46	0.06	-0.22	-3.12	0.02	
12T	28.7	-0.53	13.64	0.04	-0.41	10.66	0.03	
W-MID-INF	1B	-15.77	-1.70	-19.05	0.09	-1.28	-19.24	0.09
	1T	-11.27	-1.86	-18.20	0.10	-1.45	-21.76	0.10
	2B	-11.27	-1.70	-17.22	0.09	-1.29	-19.30	0.09
	2T	-7.87	-1.86	-18.81	0.10	-1.47	-21.98	0.10
	3B	-7.87	-1.69	-16.05	0.09	-1.30	-19.45	0.09
	3T	-4.45	-1.92	-20.90	0.10	-1.56	-23.31	0.11
	4B	-4.45	-1.65	-16.18	0.09	-1.28	-19.13	0.09
	4T	0	-1.91	-25.41	0.10	-1.69	-25.21	0.12
5B	0	-1.69	-21.59	0.09	-1.47	-21.84	0.10	
5T	4.75	-1.42	-15.42	0.07	-1.15	-17.03	0.08	

W-MID-SX	6B	4.75	-2.34	-23.91	0.12	-1.83	-26.76	0.13
	6T	8.16	-2.31	-17.60	0.12	-1.56	-23.06	0.11
	7B	8.16	-1.61	-11.70	0.08	-0.99	-14.77	0.07
	7T	11.57	-1.73	19.72	0.09	-1.07	-15.80	0.07
	8B	11.57	-1.77	-11.63	0.09	-1.01	-14.94	0.07
	8T	14.98	-1.44	20.61	0.07	-0.90	-13.27	0.06
	9B	14.98	-1.54	-9.73	0.08	-0.84	-12.44	0.06
	9T	18.4	-1.11	20.01	0.06	-0.72	-10.68	0.05
	10B	18.4	-1.24	7.51	0.06	-0.67	-9.90	0.05
	10T	21.8	-0.77	17.73	0.05	-0.55	-8.06	0.04
	11B	21.8	-0.92	5.29	0.05	-0.48	-6.97	0.03
	11T	25.2	-0.43	12.63	0.04	-0.28	4.38	0.02
W-SX	12B	25.2	-0.40	6.41	0.02	-0.25	-3.47	0.02
	12T	28.7	-0.62	18.24	0.05	-0.44	11.31	0.03
	1B	-15.77	-1.38	-11.34	0.07	-0.91	-13.58	0.06
	1T	-11.27	-1.74	-12.31	0.09	-1.11	-16.54	0.08
	2B	-11.27	-1.53	-10.45	0.08	-0.90	-13.43	0.06
	2T	-7.87	-1.94	-11.51	0.10	-1.13	-16.83	0.08
	3B	-7.87	-1.73	-9.69	0.09	-0.92	-13.65	0.06
	3T	-4.45	-2.39	-11.26	0.12	-1.22	-18.21	0.08
	4B	-4.45	-2.13	-9.09	0.11	-0.95	-14.12	0.07
	4T	0	-2.78	-10.81	0.15	-1.45	-21.56	0.10
	5B	0	-3.65	-22.84	0.19	-1.72	-25.48	0.12
	5T	4.75	-1.86	-22.49	0.10	-1.58	-23.54	0.11
	6B	4.75	-1.75	-21.42	0.09	-1.50	-22.28	0.10
	6T	8.16	-2.24	-22.11	0.12	-1.45	-21.49	0.10
	7B	8.16	-2.05	-17.29	0.11	-1.26	-18.67	0.09
	7T	11.57	-2.13	-19.22	0.11	-1.24	-18.49	0.09
	8B	11.57	-1.88	-14.87	0.10	-1.02	-15.12	0.07
	8T	14.98	-1.83	-15.63	0.10	-1.08	-15.97	0.07
	9B	14.98	-1.49	-12.19	0.08	-0.79	-11.73	0.05
	9T	18.4	-1.44	-12.11	0.08	-0.91	-13.50	0.06
	10B	18.4	-1.06	-9.10	0.06	-0.59	-8.72	0.04
	10T	21.8	-1.05	-8.74	0.05	-0.74	-11.02	0.05
	11B	21.8	-0.66	-5.71	0.03	-0.41	-6.05	0.03
	11T	25.2	-0.69	-7.31	0.04	-0.55	-8.22	0.04
12B	25.2	-0.27	-1.93	0.01	-0.17	-2.52	0.01	
12T	28.7	-0.28	-3.84	0.01	-0.25	-3.70	0.02	

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SLE:VERIFICHE A FESSURAZIONE SETTI

Setto	Sezione	Quota [m]	FREQ Apertura fessure	QP Apertura fessure
W-ASC-DX	1B	-15.77	OK	OK
	1T	-11.27	OK	OK
	2B	-11.27	OK	OK
	2T	-7.87	OK	OK
	3B	-7.87	OK	OK
	3T	-4.45	OK	OK
	4B	-4.45	OK	OK
	4T	0	OK	OK
	5B	0	OK	OK
	5T	4.75	OK	OK
	6B	4.75	OK	OK
	6T	8.16	OK	OK
	7B	8.16	OK	OK
	7T	11.57	OK	OK
	8B	11.57	OK	OK
	8T	14.98	OK	OK
	9B	14.98	OK	OK
	9T	18.4	OK	OK
	10B	18.4	OK	OK
	10T	21.8	OK	OK
	11B	21.8	OK	OK
	11T	25.2	OK	OK
	12B	25.2	OK	OK
	12T	28.7	OK	OK
W-ASC-MID-1	1B	-15.77	OK	OK
	1T	-11.27	OK	OK
	2B	-11.27	OK	OK
	2T	-7.87	OK	OK
	3B	-7.87	OK	OK
	3T	-4.45	OK	OK
	4B	-4.45	OK	OK
	4T	0	OK	OK
	5B	0	OK	OK
	5T	4.75	OK	OK
	6B	4.75	OK	OK
	6T	8.16	OK	OK
	7B	8.16	OK	OK
	7T	11.57	OK	OK
	8B	11.57	OK	OK
	8T	14.98	OK	OK
	9B	14.98	OK	OK
	9T	18.4	OK	OK
	10B	18.4	OK	OK
	10T	21.8	OK	OK
	11B	21.8	OK	OK
	11T	25.2	OK	OK
	12B	25.2	OK	OK

	12T	28.7	OK	OK
	1B	-15.77	OK	OK
	1T	-11.27	OK	OK
	2B	-11.27	OK	OK
	2T	-7.87	OK	OK
	3B	-7.87	OK	OK
	3T	-4.45	OK	OK
	4B	-4.45	OK	OK
	4T	0	OK	OK
	5B	0	OK	OK
	5T	4.75	OK	OK
	6B	4.75	OK	OK
W-ASC-MID-2	6T	8.16	OK	OK
	7B	8.16	OK	OK
	7T	11.57	OK	OK
	8B	11.57	OK	OK
	8T	14.98	OK	OK
	9B	14.98	OK	OK
	9T	18.4	OK	OK
	10B	18.4	OK	OK
	10T	21.8	OK	OK
	11B	21.8	OK	OK
	11T	25.2	OK	OK
	12B	25.2	OK	OK
	12T	28.7	OK	OK
	1B	-15.77	OK	OK
	1T	-11.27	OK	OK
	2B	-11.27	OK	OK
	2T	-7.87	OK	OK
	3B	-7.87	OK	OK
	3T	-4.45	OK	OK
	4B	-4.45	OK	OK
	4T	0	OK	OK
	5B	0	OK	OK
	5T	4.75	OK	OK
	6B	4.75	OK	OK
W-ASC-SX	6T	8.16	OK	OK
	7B	8.16	OK	OK
	7T	11.57	OK	OK
	8B	11.57	OK	OK
	8T	14.98	OK	OK
	9B	14.98	OK	OK
	9T	18.4	OK	OK
	10B	18.4	OK	OK
	10T	21.8	OK	OK
	11B	21.8	OK	OK
	11T	25.2	OK	OK
	12B	25.2	OK	OK
	12T	28.7	OK	OK

	1B	-15.77	OK	OK
	1T	-11.27	OK	OK
	2B	-11.27	OK	OK
	2T	-7.87	OK	OK
	3B	-7.87	OK	OK
	3T	-4.45	OK	OK
	4B	-4.45	OK	OK
	4T	0	OK	OK
	5B	0	OK	OK
	5T	4.75	OK	OK
W-DX	6B	4.75	OK	OK
	6T	8.16	OK	OK
	7B	8.16	OK	OK
	7T	11.57	OK	OK
	8B	11.57	OK	OK
	8T	14.98	OK	OK
	9B	14.98	OK	OK
	9T	18.4	OK	OK
	10B	18.4	OK	OK
	10T	21.8	OK	OK
	11B	21.8	OK	OK
	11T	25.2	OK	OK
	12B	25.2	OK	OK
	12T	28.7	OK	OK
W-MID-DX	5T	4.75	OK	OK
	6B	4.75	OK	OK
	6T	8.16	OK	OK
	7B	8.16	OK	OK
	7T	11.57	OK	OK
	8B	11.57	OK	OK
	8T	14.98	OK	OK
	9B	14.98	OK	OK
	9T	18.4	OK	OK
	10B	18.4	OK	OK
	10T	21.8	OK	OK
	11B	21.8	OK	OK
11T	25.2	OK	OK	
	12B	25.2	OK	OK
	12T	28.7	OK	OK
W-MID-INF	1B	-15.77	OK	OK
	1T	-11.27	OK	OK
	2B	-11.27	OK	OK
	2T	-7.87	OK	OK
	3B	-7.87	OK	OK
	3T	-4.45	OK	OK
	4B	-4.45	OK	OK
	4T	0	OK	OK
	5B	0	OK	OK
	5T	4.75	OK	OK

W-MID-SX	6B	4.75	OK	OK
	6T	8.16	OK	OK
	7B	8.16	OK	OK
	7T	11.57	OK	OK
	8B	11.57	OK	OK
	8T	14.98	OK	OK
	9B	14.98	OK	OK
	9T	18.4	OK	OK
	10B	18.4	OK	OK
	10T	21.8	OK	OK
	11B	21.8	OK	OK
	11T	25.2	OK	OK
	12B	25.2	OK	OK
	12T	28.7	OK	OK
	1B	-15.77	OK	OK
	1T	-11.27	OK	OK
	2B	-11.27	OK	OK
	2T	-7.87	OK	OK
	3B	-7.87	OK	OK
	3T	-4.45	OK	OK
	4B	-4.45	OK	OK
	4T	0	OK	OK
	5B	0	OK	OK
	5T	4.75	OK	OK
W-SX	6B	4.75	OK	OK
	6T	8.16	OK	OK
	7B	8.16	OK	OK
	7T	11.57	OK	OK
	8B	11.57	OK	OK
	8T	14.98	OK	OK
	9B	14.98	OK	OK
	9T	18.4	OK	OK
	10B	18.4	OK	OK
	10T	21.8	OK	OK
	11B	21.8	OK	OK
	11T	25.2	OK	OK
12B	25.2	OK	OK	
12T	28.7	OK	OK	

SLV:VERIFICHE M-N TRAVI

Trave	Segmento	Sezione	Combinazione	N [kN]	M2 [kNm]	M3 [kNm]	As sup. [cm²]	As inf. [cm²]	D/C
1000	1	R100x35-94	SLV_02	149.96	32.27	-48.15	36.95	18.10	0.231
	2	R100x35-92	SLV_02	149.96	37.50	-25.26	18.10	18.10	0.327
1001	1	R100x35-92	SLV_02	149.84	30.19	-85.24	18.10	18.10	0.629
1002	1	R100x35-92	SLV_02	146.52	36.64	-36.36	18.10	18.10	0.379
	2	R100x35-94	SLV_02	146.52	40.41	-40.42	36.95	18.10	0.221
1004	1	R100x35-96	SLV_02	142.43	37.58	-101.30	36.95	18.10	0.375
	2	R100x35-97	SLV_02	142.43	36.50	-99.63	18.10	18.10	0.715
1005	1	R120x35-11	SLV_02	143.11	51.79	-35.94	21.24	21.24	0.336
	2	R120x35-12	SLV_02	143.11	44.42	-119.70	21.24	21.24	0.709
1006	1	R120x35-12	SLV_02	135.37	46.67	-119.39	21.24	21.24	0.707
	2	R120x35-11	SLV_02	135.37	47.78	-37.89	21.24	21.24	0.334
1008	1	R60x30-2	SLV_02	13.65	7.39	-49.06	12.57	12.57	0.518
1009	1	R100x35-98	SLV_02	142.95	41.82	-46.72	15.71	15.71	0.519
1010	1	R100x35-98	SLV_02	146.20	32.57	-101.13	15.71	15.71	0.833
1011	1	R60x30-2	SLV_02	13.46	7.04	-49.21	12.57	12.57	0.518
1013	1	R50x35-14	SLV_02	29.25	-8.71	24.01	6.28	6.28	0.488
1015	1	R50x35-14	SLV_02	24.61	-8.23	22.29	6.28	6.28	0.449
1017	1	R50x35-14	SLV_02	24.22	8.34	-21.04	6.28	6.28	0.430
1019	1	R50x35-14	SLV_02	19.78	-8.06	21.86	6.28	6.28	0.431
1021	1	R50x35-15	SLV_02	31.98	8.50	-27.94	9.42	9.42	0.384
	1	R50x35-16	SLV_02	63.70	5.62	-71.96	12.57	6.28	0.662
1022	2	R50x35-14	SLV_02	63.70	-1.92	18.24	6.28	6.28	0.428
	3	R50x35-17	SLV_02	63.70	-6.45	72.34	6.28	12.57	0.670
	1	R50x35-16	SLV_02	60.86	7.96	-70.53	12.57	6.28	0.661
1023	2	R50x35-14	SLV_02	60.86	2.29	18.03	6.28	6.28	0.420
	3	R50x35-17	SLV_02	60.86	-7.93	71.15	6.28	12.57	0.666
1025	1	R50x35-14	SLV_02	27.75	-9.33	28.33	6.28	6.28	0.555
1027	1	R50x35-14	SLV_02	25.60	8.25	-22.82	6.28	6.28	0.459
1029	1	R50x35-14	SLV_02	41.40	9.85	-19.19	6.28	6.28	0.446
1031	1	R50x35-14	SLV_02	24.00	-10.11	22.30	6.28	6.28	0.459
1033	1	R50x35-14	SLV_02	31.55	-9.09	23.73	6.28	6.28	0.491
1036	1	R50x35-14	SLV_02	33.26	-4.62	23.98	6.28	6.28	0.469
1037	1	R50x35-14	SLV_02	35.72	-4.84	24.03	6.28	6.28	0.477
1038	1	R50x35-15	SLV_02	42.21	-4.23	22.42	9.42	9.42	0.318
1039	1	R50x35-14	SLV_02	42.94	-3.84	22.29	6.28	6.28	0.460
1040	1	R50x35-14	SLV_02	37.61	-3.53	20.18	6.28	6.28	0.414
1041	1	R50x35-14	SLV_02	44.40	-3.58	22.36	6.28	6.28	0.462
1042	1	R50x35-14	SLV_02	42.33	-4.14	22.21	6.28	6.28	0.460
1043	1	R50x35-14	SLV_02	43.57	-4.94	23.75	6.28	6.28	0.491
1044	1	R50x35-14	SLV_02	34.63	-4.93	23.11	6.28	6.28	0.461
1045	1	R50x35-15	SLV_02	40.39	7.06	-47.47	9.42	9.42	0.594
1046	1	R50x35-14	SLV_02	23.18	7.77	-44.13	6.28	6.28	0.778
1047	1	R50x35-14	SLV_02	24.29	7.65	-43.47	6.28	6.28	0.769
1048	1	R50x35-14	SLV_02	17.02	7.27	-44.34	6.28	6.28	0.765
1049	1	R50x35-14	SLV_02	21.43	7.28	-44.71	6.28	6.28	0.779
1050	1	R50x35-15	SLV_02	29.93	7.19	-48.96	9.42	9.42	0.594
1051	1	R50x35-15	SLV_02	36.07	-7.88	-50.22	9.42	9.42	0.616

1052	1	R50x35-14	SLV_02	29.22	7.93	-45.94	6.28	6.28	0.818
1053	1	R50x35-14	SLV_02	28.92	8.71	-40.53	6.28	6.28	0.740
1054	1	R50x35-14	SLV_02	23.15	8.57	-43.33	6.28	6.28	0.771
1055	1	R50x35-14	SLV_02	20.01	7.97	-43.00	6.28	6.28	0.755
1056	1	R50x35-15	SLV_02	40.40	6.80	-45.12	9.42	9.42	0.568
1057	1	R50x80-110	SLV_02	164.50	-46.90	131.80	13.57	15.71	0.656
	2	R50x80-112	SLV_02	164.50	50.63	-314.78	19.85	9.42	0.856
1058	1	R50x80-110	SLV_02	78.52	-45.43	157.93	13.57	15.71	0.609
	2	R50x80-111	SLV_02	78.52	12.08	-149.89	19.85	15.71	0.367
	3	R50x80-112	SLV_02	78.52	46.57	-334.51	19.85	9.42	0.824
1059	1	R50x80-59	SLV_02	66.68	-45.53	176.47	12.19	18.47	0.550
	2	R50x80-60	SLV_02	66.68	21.40	-236.71	18.47	18.47	0.583
	3	R50x80-61	SLV_02	66.68	43.71	-374.42	18.47	12.19	0.933
1060	1	R50x80-59	SLV_02	75.16	-42.22	182.88	12.19	18.47	0.558
	2	R50x80-60	SLV_02	75.16	20.15	-258.40	18.47	18.47	0.628
	3	R50x80-61	SLV_02	75.16	40.93	-405.47	18.47	12.19	0.991
1061	1	R50x80-62	SLV_02	87.28	-41.42	196.88	9.05	15.33	0.686
	2	R50x80-63	SLV_02	87.28	18.66	-268.03	15.33	15.33	0.780
	3	R50x80-64	SLV_02	87.28	38.68	-422.98	21.61	9.05	0.893
1062	1	R50x80-59	SLV_02	86.73	-37.02	193.43	12.19	18.47	0.565
	2	R50x80-60	SLV_02	86.73	16.19	-258.76	18.47	18.47	0.627
	3	R50x80-61	SLV_02	86.73	33.92	-409.48	18.47	12.19	0.983
1063	1	R50x80-56	SLV_02	78.02	-36.53	128.69	9.42	15.71	0.521
	2	R50x80-57	SLV_02	78.02	15.69	-194.47	15.71	15.71	0.574
	3	R50x80-58	SLV_02	78.02	33.10	-302.19	15.71	9.42	0.893
1064	1	R50x80-59	SLV_02	86.48	37.45	195.18	12.19	18.47	0.567
	2	R50x80-60	SLV_02	86.48	17.01	-261.95	18.47	18.47	0.635
	3	R50x80-61	SLV_02	86.48	-35.51	-414.31	18.47	12.19	0.997
1065	1	R50x80-62	SLV_02	90.90	42.96	198.08	9.05	15.33	0.698
	2	R50x80-63	SLV_02	90.90	19.47	-270.09	15.33	15.33	0.790
	3	R50x80-64	SLV_02	90.90	-41.00	-426.13	21.61	9.05	0.905
1066	1	R50x80-59	SLV_02	81.06	44.32	182.39	12.19	18.47	0.565
	2	R50x80-60	SLV_02	81.06	-21.34	-258.45	18.47	18.47	0.635
	3	R50x80-61	SLV_02	81.06	-43.23	-405.38	18.47	12.19	0.997
1067	1	R50x80-59	SLV_02	79.16	46.98	175.85	12.19	18.47	0.562
	2	R50x80-60	SLV_02	79.16	22.10	-236.20	18.47	18.47	0.594
	3	R50x80-61	SLV_02	79.16	44.86	-373.53	18.47	12.19	0.943
1068	1	R50x80-110	SLV_02	81.75	46.76	157.69	13.57	15.71	0.618
	2	R50x80-111	SLV_02	81.75	-12.56	-148.57	19.85	15.71	0.368
	3	R50x80-112	SLV_02	81.75	-48.15	-332.25	19.85	9.42	0.823
1069	1	R50x80-108	SLV_02	160.97	46.22	139.38	22.62	15.71	0.647
	2	R50x80-109	SLV_02	160.97	-50.67	-309.82	22.62	9.42	0.755
1070	1	R50x30-19	SLV_02	9.72	5.13	-34.16	9.42	9.42	0.480
1071	1	R50x35-14	SLV_02	67.66	-6.29	32.99	6.28	6.28	0.694
1072	1	R50x35-14	SLV_02	33.85	-3.89	17.48	6.28	6.28	0.367
1073	1	R50x35-14	SLV_02	37.53	-3.55	18.76	6.28	6.28	0.393
1074	1	R50x35-14	SLV_02	65.78	-5.61	23.24	6.28	6.28	0.536
1078	1	R50x30-21	SLV_02	12.29	5.67	-44.16	6.28	6.28	0.892
1079	1	R50x35-14	SLV_02	22.39	6.54	-38.88	6.28	6.28	0.687

1080	1	R50x35-14	SLV_02	24.73	-7.30	-39.47	6.28	6.28	0.700
1081	1	R50x35-14	SLV_02	35.25	10.80	-21.80	6.28	6.28	0.480
1082	1	R50x35-14	SLV_02	54.72	6.13	-31.96	6.28	6.28	0.649
1083	1	R50x35-14	SLV_02	51.95	6.25	-30.93	6.28	6.28	0.628
1084	1	R50x35-14	SLV_02	35.79	-10.72	-20.91	6.28	6.28	0.463
1085	1	R50x35-14	SLV_02	64.18	3.96	-30.34	6.28	6.28	0.628
1086	1	R50x35-14	SLV_02	61.90	3.61	-30.37	6.28	6.28	0.621
1087	1	R50x50-2	SLV_01	73.90	4.43	-33.69	9.42	9.42	0.353
1088	1	R50x50-2	SLV_02	204.70	-5.94	-34.17	9.42	9.42	0.563
1089	1	R50x50-2	SLV_02	198.32	6.46	32.96	9.42	9.42	0.550
1090	1	R50x50-2	SLV_02	76.92	-4.90	-33.28	9.42	9.42	0.356
1091	1	R50x80-68	SLV_02	313.81	-9.88	71.28	9.42	15.71	0.515
	2	R50x80-69	SLV_02	313.81	-12.96	-103.59	15.71	15.71	0.589
	1	R50x80-71	SLV_02	291.49	15.70	-67.80	15.71	9.42	0.540
1093	2	R50x80-68	SLV_02	291.49	5.06	7.16	9.42	15.71	0.416
	3	R50x80-69	SLV_02	291.49	-16.27	-41.46	15.71	15.71	0.477
	1	R50x80-57	SLV_02	260.86	15.25	-58.37	15.71	15.71	0.460
1095	2	R50x80-56	SLV_02	260.86	5.20	29.01	9.42	15.71	0.326
	3	R50x80-57	SLV_02	260.86	-14.94	-61.90	15.71	15.71	0.465
	1	R50x80-57	SLV_02	251.32	13.53	-76.46	15.71	15.71	0.473
1096	2	R50x80-56	SLV_02	251.32	-5.02	58.50	9.42	15.71	0.385
	3	R50x80-57	SLV_02	251.32	-8.08	48.69	15.71	15.71	0.382
1097	1	R50x80-57	SLV_02	243.53	15.37	-179.99	15.71	15.71	0.681
1098	1	R50x80-57	SLV_02	240.81	15.55	-180.12	15.71	15.71	0.680
	1	R50x80-57	SLV_02	256.77	-15.73	-60.92	15.71	15.71	0.464
1100	2	R50x80-56	SLV_02	256.77	5.16	28.76	9.42	15.71	0.322
	3	R50x80-57	SLV_02	256.77	15.58	-59.56	15.71	15.71	0.461
	1	R50x80-57	SLV_02	291.66	-16.10	-41.31	15.71	15.71	0.463
1102	2	R50x80-56	SLV_02	291.66	5.14	8.71	9.42	15.71	0.408
	3	R50x80-58	SLV_02	291.66	15.73	-65.59	15.71	9.42	0.529
	1	R50x80-66	SLV_02	304.44	-11.29	-92.61	18.85	12.57	0.468
1104	2	R50x80-65	SLV_02	304.44	-2.70	38.02	18.85	18.85	0.299
	3	R50x80-67	SLV_02	304.44	-8.12	67.18	12.57	18.85	0.403
1105	1	R100x35-100	SLV_01	82.22	23.52	-79.76	12.57	12.57	0.761
	2	R100x35-101	SLV_01	82.22	-17.08	21.97	31.42	12.57	0.294
	1	R100x35-105	SLV_02	111.98	29.67	-139.40	24.38	18.10	0.674
1106	2	R100x35-92	SLV_01	121.40	-6.38	61.04	18.10	18.10	0.430
	3	R100x35-94	SLV_02	111.98	35.49	-95.93	36.95	18.10	0.347
1107	1	R80x35-14	SLV_02	136.82	18.49	-92.02	15.71	15.71	0.745
1108	1	R80x35-13	SLV_01	144.59	14.11	-85.71	12.57	12.57	0.863
1109	1	R100x35-114	SLV_01	82.22	-15.27	21.50	25.13	12.57	0.289
	2	R100x35-113	SLV_01	82.22	22.02	-61.99	12.57	12.57	0.621
	1	R100x35-99	SLV_02	109.54	30.36	-68.80	21.99	15.71	0.436
1110	2	R100x35-98	SLV_02	109.54	-11.63	50.13	15.71	15.71	0.436
	3	R100x35-99	SLV_02	109.54	26.39	-123.34	21.99	15.71	0.668
1111	1	R50x35-14	SLV_02	17.34	6.41	-54.34	6.28	6.28	0.913
1112	1	R50x30-21	SLV_02	6.31	5.21	36.19	6.28	6.28	0.722
1113	1	R100x35-101	SLV_02	54.12	-38.59	-77.50	31.42	12.57	0.325
	2	R100x35-100	SLV_02	54.12	33.93	-90.56	12.57	12.57	0.843

1114	1	R50x30-19	SLV_02	10.41	5.51	-44.27	9.42	9.42	0.611
1116	1	R50x30-19	SLV_02	11.43	6.94	-47.90	9.42	9.42	0.668
1117	1	R70x30-8	SLV_02	88.83	10.32	-49.49	12.57	12.57	0.607
1118	1	R100x35-98	SLV_02	130.01	-5.72	53.70	15.71	15.71	0.456
1119	1	R120x35-14	SLV_02	147.31	54.34	-232.91	40.09	21.24	0.684
	2	R120x35-11	SLV_02	147.31	-11.89	118.95	21.24	21.24	0.654
	3	R120x35-15	SLV_02	147.31	-22.18	121.55	22.62	27.52	0.536
1120	1	R120x35-19	SLV_02	147.67	-43.04	88.28	22.62	21.24	0.565
	2	R120x35-17	SLV_02	147.67	50.60	-246.19	41.47	21.24	0.692
1121	1	R100x35-98	SLV_01	141.07	23.45	-36.65	15.71	15.71	0.416
	2	R100x35-99	SLV_01	141.07	20.49	-53.24	21.99	15.71	0.368
1122	1	R100x35-99	SLV_02	155.67	43.28	-129.27	21.99	15.71	0.757
	2	R100x35-98	SLV_02	155.67	14.16	-49.13	15.71	15.71	0.476
1123	1	R100x30-68	SLV_02	17.47	-25.96	-59.87	28.27	15.71	0.306
	2	R100x30-67	SLV_02	17.47	21.59	-63.72	15.71	15.71	0.548
1124	1	R70x30-9	SLV_02	176.76	15.70	-78.82	15.71	15.71	0.813
1125	1	R100x30-67	SLV_02	10.26	20.45	-63.65	15.71	15.71	0.537
	2	R100x30-68	SLV_02	10.26	-24.31	-58.77	28.27	15.71	0.296
1126	1	R100x30-68	SLV_02	9.25	-20.27	-62.32	28.27	15.71	0.304
	2	R100x30-67	SLV_02	9.25	16.74	-57.99	15.71	15.71	0.486
1128	1	R100x30-67	SLV_02	13.55	16.57	-57.59	15.71	15.71	0.487
	2	R100x30-68	SLV_02	13.55	-20.25	-61.67	28.27	15.71	0.303
1130	1	R100x35-154	SLV_01	50.03	-40.97	-55.38	45.99	15.71	0.185
	2	R100x35-150	SLV_01	50.03	47.18	-50.27	27.14	15.71	0.286
1131	1	R100x35-150	SLV_01	38.97	40.34	-105.58	27.14	15.71	0.472
1132	1	R100x35-150	SLV_01	70.49	47.78	-48.72	27.14	15.71	0.293
	2	R100x35-154	SLV_01	70.49	-43.72	-56.01	45.99	15.71	0.196
1133	1	R100x35-152	SLV_01	-80.47	45.13	-208.86	45.99	15.71	0.555
	2	R100x35-153	SLV_01	164.42	21.13	99.42	27.14	21.99	0.620
	3	R100x35-152	SLV_01	-157.32	-45.90	-202.93	45.99	15.71	0.550
1134	1	R100x35-152	SLV_01	-161.00	-43.24	-205.35	45.99	15.71	0.554
	2	R100x35-153	SLV_01	153.38	20.27	99.31	27.14	21.99	0.611
	3	R100x35-152	SLV_01	-83.48	42.20	-207.62	45.99	15.71	0.549
1135	1	R100x35-154	SLV_01	62.31	-42.16	-51.78	45.99	15.71	0.182
	2	R100x35-150	SLV_01	62.31	45.18	-56.28	27.14	15.71	0.312
1136	1	R100x35-150	SLV_01	35.94	-37.03	-107.22	27.14	15.71	0.472
1137	1	R100x35-150	SLV_02	38.17	72.10	-35.33	27.14	15.71	0.269
	2	R100x35-154	SLV_01	48.93	-41.01	-63.23	45.99	15.71	0.202
1140	1	R100x35-125	SLV_01	109.18	33.83	-68.15	47.75	21.24	0.214
	2	R100x35-119	SLV_01	109.18	43.68	-56.90	21.24	21.24	0.408
1141	1	R100x30-71	SLV_01	103.69	28.74	-109.80	21.99	15.71	0.724
	2	R100x30-72	SLV_01	103.69	5.22	49.37	15.71	15.71	0.472
	3	R100x30-71	SLV_01	103.69	32.48	-108.79	21.99	15.71	0.727
1142	1	R100x35-123	SLV_01	107.21	43.05	-54.86	22.62	21.24	0.374
	2	R100x35-142	SLV_01	107.21	38.23	-64.83	41.47	21.24	0.241
1143	1	R100x35-143	SLV_02	104.34	62.44	-220.05	41.47	21.24	0.652
	2	R100x35-122	SLV_02	114.29	33.08	108.71	22.62	27.52	0.493
	3	R100x35-143	SLV_01	106.12	40.19	-224.30	41.47	21.24	0.632
	1	R100x35-142	SLV_02	110.25	89.70	-99.62	41.47	21.24	0.390

1144	2	R100x35-123	SLV_02	110.25	26.80	57.22	22.62	21.24	0.376
	3	R100x35-144	SLV_02	110.25	-100.90	-172.44	22.62	21.24	0.968
	1	R100x35-146	SLV_02	106.67	-99.56	-176.38	28.90	21.24	0.801
1146	2	R100x35-123	SLV_02	106.67	26.55	58.45	22.62	21.24	0.379
	3	R100x35-142	SLV_02	106.67	88.65	-96.73	41.47	21.24	0.380
	1	R100x35-143	SLV_01	96.85	38.60	-226.24	41.47	21.24	0.632
1147	2	R100x35-122	SLV_02	109.26	32.60	108.75	22.62	27.52	0.490
	3	R100x35-143	SLV_02	99.59	61.33	-219.12	41.47	21.24	0.647
	1	R100x35-142	SLV_01	100.23	38.10	-59.55	41.47	21.24	0.226
1148	2	R100x35-123	SLV_01	100.23	40.77	-63.51	22.62	21.24	0.403
1149	1	R100x35-147	SLV_01	106.10	31.97	-118.22	22.62	21.24	0.630
	1	R100x35-123	SLV_01	108.12	43.71	-47.28	22.62	21.24	0.343
1150	2	R100x35-125	SLV_01	108.12	34.41	-77.16	47.75	21.24	0.234
	1	R100x35-126	SLV_01	206.61	-43.29	-80.72	40.09	21.24	0.325
1152	2	R100x35-119	SLV_01	206.61	44.08	-54.74	21.24	21.24	0.462
	1	R100x35-129	SLV_01	183.77	34.26	-136.01	21.24	21.24	0.805
1153	2	R100x35-119	SLV_02	203.87	12.50	58.60	21.24	21.24	0.418
	3	R100x35-129	SLV_01	183.77	37.91	-128.89	21.24	21.24	0.779
	1	R100x35-119	SLV_01	160.98	46.26	-71.18	21.24	21.24	0.515
1154	2	R100x35-125	SLV_02	195.73	-81.51	-56.32	47.75	21.24	0.269
	1	R100x35-120	SLV_02	186.68	75.12	-146.24	47.75	21.24	0.448
1156	2	R100x35-119	SLV_02	186.68	-12.01	63.77	21.24	21.24	0.433
	3	R100x35-129	SLV_02	186.68	-79.83	-129.95	21.24	21.24	0.849
	1	R100x35-119	SLV_02	187.05	-69.33	-55.57	21.24	21.24	0.492
1157	2	R100x35-118	SLV_02	187.05	55.82	-152.08	27.52	21.24	0.728
	1	R100x35-118	SLV_02	186.73	55.09	-151.95	27.52	21.24	0.726
1158	2	R100x35-119	SLV_02	186.73	-68.19	-54.11	21.24	21.24	0.483
	1	R100x35-129	SLV_02	185.80	-79.07	-132.24	21.24	21.24	0.857
1159	2	R100x35-119	SLV_02	185.80	-11.90	63.56	21.24	21.24	0.431
	3	R100x35-120	SLV_02	185.80	74.69	-145.97	47.75	21.24	0.447
	1	R100x35-125	SLV_02	191.97	-81.16	-54.36	47.75	21.24	0.264
1160	2	R100x35-119	SLV_01	158.67	45.21	-71.19	21.24	21.24	0.512
	1	R100x35-129	SLV_01	180.03	37.82	-128.58	21.24	21.24	0.775
1161	2	R100x35-119	SLV_02	199.23	12.53	58.48	21.24	21.24	0.414
	3	R100x35-129	SLV_01	180.03	34.05	-135.78	21.24	21.24	0.801
1163	1	R50x35-15	SLV_02	30.41	-15.13	-49.21	9.42	9.42	0.638
1165	1	R50x35-15	SLV_02	14.94	-15.02	-46.40	9.42	9.42	0.585
1167	1	R50x35-15	SLV_02	4.97	14.39	-41.27	9.42	9.42	0.519
1169	1	R50x35-15	SLV_02	-1.48	13.22	-39.94	9.42	9.42	0.489
1171	1	R50x35-15	SLV_02	2.34	16.58	41.53	9.42	9.42	0.524
	1	R50x35-18	SLV_02	83.74	8.90	-90.52	15.71	9.42	0.689
1172	2	R50x35-15	SLV_02	83.74	-3.12	24.43	9.42	9.42	0.392
	3	R50x35-19	SLV_02	83.74	-10.30	93.39	9.42	15.71	0.713
	1	R50x35-18	SLV_02	78.43	9.11	-89.81	15.71	9.42	0.680
1173	2	R50x35-15	SLV_02	78.43	-3.44	24.23	9.42	9.42	0.385
	3	R50x35-19	SLV_02	78.43	-10.94	92.64	9.42	15.71	0.706
1175	1	R50x35-15	SLV_02	1.01	-16.33	42.82	9.42	9.42	0.539
1177	1	R50x35-15	SLV_02	-3.22	13.29	-42.07	9.42	9.42	0.510
1179	1	R50x35-15	SLV_02	-1.69	14.48	-43.07	9.42	9.42	0.529

1181	1	R50x35-15	SLV_02	14.30	14.91	-45.91	9.42	9.42	0.585
1183	1	R50x35-15	SLV_02	29.75	15.08	-47.91	9.42	9.42	0.627
1186	1	R50x35-15	SLV_02	47.51	-8.33	36.77	9.42	9.42	0.499
1187	1	R50x35-15	SLV_02	49.97	-8.16	35.30	9.42	9.42	0.487
1188	1	R50x35-15	SLV_02	46.56	-6.40	32.40	9.42	9.42	0.443
1189	1	R50x35-15	SLV_02	65.36	-5.43	32.30	9.42	9.42	0.460
1190	1	R50x35-15	SLV_02	36.25	-4.28	25.26	9.42	9.42	0.340
1191	1	R50x35-15	SLV_02	62.88	-5.81	32.50	9.42	9.42	0.461
1192	1	R50x35-15	SLV_02	43.81	-7.15	32.35	9.42	9.42	0.442
1193	1	R50x35-15	SLV_02	45.32	-8.70	34.83	9.42	9.42	0.478
1194	1	R50x35-15	SLV_02	45.14	-7.56	35.86	9.42	9.42	0.482
1195	1	R50x35-15	SLV_02	32.30	-16.25	62.56	9.42	9.42	0.789
1196	1	R50x35-15	SLV_02	20.32	-15.22	56.36	9.42	9.42	0.703
1197	1	R50x35-15	SLV_02	16.04	-14.34	54.73	9.42	9.42	0.675
1198	1	R50x35-15	SLV_02	26.54	-14.12	54.38	9.42	9.42	0.684
1199	1	R50x35-15	SLV_02	18.18	14.89	54.88	9.42	9.42	0.678
1200	1	R50x35-15	SLV_02	17.85	-15.68	-59.53	9.42	9.42	0.730
1201	1	R50x35-15	SLV_02	19.81	14.83	-61.07	9.42	9.42	0.749
1202	1	R50x35-15	SLV_02	18.62	-14.59	57.12	9.42	9.42	0.705
1203	1	R50x35-15	SLV_02	25.83	-14.37	57.46	9.42	9.42	0.716
1204	1	R50x35-15	SLV_02	15.95	-14.10	54.23	9.42	9.42	0.669
1205	1	R50x35-15	SLV_02	20.52	-14.71	55.04	9.42	9.42	0.687
1206	1	R50x35-15	SLV_02	29.22	16.60	59.56	9.42	9.42	0.752
1207	1	R50x80-97	SLV_02	338.69	78.18	138.16	27.14	19.85	0.860
	2	R50x80-98	SLV_02	338.69	-85.86	-370.32	27.14	13.57	0.927
1208	1	R50x80-99	SLV_02	99.88	74.93	204.96	13.57	19.85	0.712
	2	R50x80-91	SLV_02	99.88	-19.23	-182.87	13.57	13.57	0.654
	3	R50x80-100	SLV_02	99.88	-75.72	-412.84	22.62	13.57	0.953
1209	1	R50x80-101	SLV_02	89.62	-78.26	228.21	18.10	15.33	0.923
	2	R50x80-102	SLV_02	89.62	74.26	-459.21	24.38	9.05	0.953
1210	1	R50x80-77	SLV_02	74.41	-74.14	233.07	13.57	18.47	0.782
	2	R50x80-78	SLV_02	74.41	35.38	-315.14	19.85	18.47	0.744
	3	R50x80-79	SLV_02	74.41	71.88	-496.81	26.14	12.19	0.938
1211	1	R50x80-77	SLV_02	79.52	-73.10	250.43	13.57	18.47	0.809
	2	R50x80-78	SLV_02	79.52	34.47	-325.27	19.85	18.47	0.762
	3	R50x80-79	SLV_02	79.52	70.31	-516.26	26.14	12.19	0.966
1212	1	R50x80-77	SLV_02	80.69	-64.64	254.52	13.57	18.47	0.783
	2	R50x80-78	SLV_02	80.69	30.24	-325.27	19.85	18.47	0.749
	3	R50x80-79	SLV_02	80.69	61.86	-517.65	26.14	12.19	0.946
1213	1	R50x80-57	SLV_01	-28.14	80.80	43.48	15.71	15.71	0.514
	2	R50x80-58	SLV_02	63.50	55.51	-296.10	15.71	9.42	0.953
1214	1	R50x80-77	SLV_02	78.17	67.54	256.04	13.57	18.47	0.792
	2	R50x80-78	SLV_02	78.17	-31.87	-326.37	19.85	18.47	0.753
	3	R50x80-79	SLV_02	78.17	-65.00	-519.59	26.14	12.19	0.953
1215	1	R50x80-77	SLV_02	73.83	76.00	252.28	13.57	18.47	0.818
	2	R50x80-78	SLV_02	73.83	-35.99	-327.06	19.85	18.47	0.764
	3	R50x80-79	SLV_02	73.83	-73.31	-519.27	26.14	12.19	0.972
1216	1	R50x80-77	SLV_02	67.18	76.30	233.20	13.57	18.47	0.781
	2	R50x80-78	SLV_02	67.18	-36.66	-314.98	19.85	18.47	0.740

	3	R50x80-79	SLV_02	67.18	-74.31	-496.66	26.14	12.19	0.939
1217	1	R50x80-75	SLV_02	82.62	80.07	226.93	16.71	15.33	0.919
	2	R50x80-76	SLV_02	82.62	73.91	-456.97	23.00	9.05	0.999
1218	1	R50x80-72	SLV_02	95.19	-75.51	202.38	13.57	18.47	0.746
	2	R50x80-73	SLV_02	95.19	19.49	-181.45	13.57	12.19	0.648
	3	R50x80-103	SLV_02	95.19	76.47	-408.99	22.62	12.19	0.947
1219	1	R50x80-97	SLV_02	333.39	74.24	130.33	27.14	19.85	0.825
	2	R50x80-98	SLV_02	333.39	85.81	-359.70	27.14	13.57	0.910
1220	1	R70x30-8	SLV_01	109.18	8.90	-59.82	12.57	12.57	0.719
1221	1	R50x35-15	SLV_02	120.11	10.99	38.94	9.42	9.42	0.640
1222	1	R50x35-14	SLV_02	30.29	-7.48	25.27	6.28	6.28	0.500
1223	1	R50x35-14	SLV_02	26.75	-6.98	25.33	6.28	6.28	0.491
1224	1	R50x35-15	SLV_02	118.68	-10.95	39.58	9.42	9.42	0.645
1228	1	R50x35-15	SLV_02	186.26	-14.24	-46.42	9.42	9.42	0.830
1229	1	R50x35-15	SLV_02	182.95	13.71	-46.70	9.42	9.42	0.834
1230	1	R50x35-20	SLV_02	510.28	-24.50	-36.40	15.71	15.71	0.840
	2	R50x35-19	SLV_02	510.28	7.74	-13.90	9.42	15.71	0.911
	3	R50x35-20	SLV_02	510.28	23.69	38.22	15.71	15.71	0.844
1231	1	R50x35-21	SLV_02	278.15	15.83	-46.41	12.57	12.57	0.760
	2	R50x35-17	SLV_02	278.15	-6.13	-16.31	6.28	12.57	0.888
	3	R50x35-21	SLV_02	278.15	-16.53	47.81	12.57	12.57	0.774
1232	1	R50x35-21	SLV_02	266.24	-16.22	-44.20	12.57	12.57	0.728
	2	R50x35-14	SLV_02	266.24	6.07	15.63	6.28	6.28	0.856
	3	R50x35-21	SLV_02	266.24	16.73	45.49	12.57	12.57	0.740
1233	1	R50x35-20	SLV_02	490.18	23.77	-34.48	15.71	15.71	0.806
	2	R50x35-15	SLV_02	490.18	-7.30	-13.03	9.42	9.42	0.879
	3	R50x35-20	SLV_02	490.18	-22.68	35.81	15.71	15.71	0.806
1234	1	R50x35-20	SLV_02	313.77	16.69	-59.83	15.71	15.71	0.734
	2	R50x35-15	SLV_02	313.77	-3.37	27.95	9.42	9.42	0.761
	3	R50x35-20	SLV_02	313.77	-13.33	71.83	15.71	15.71	0.789
1235	1	R50x35-20	SLV_02	290.74	-16.14	-58.99	15.71	15.71	0.701
	2	R50x35-15	SLV_02	290.74	3.34	27.58	9.42	9.42	0.725
	3	R50x35-20	SLV_02	290.74	13.01	70.85	15.71	15.71	0.758
1236	1	R50x50-3	SLV_01	112.76	-13.84	-70.61	12.57	12.57	0.536
1237	1	R50x50-3	SLV_01	338.55	-17.75	-57.41	12.57	12.57	0.773
1238	1	R50x50-3	SLV_01	337.60	-17.87	-55.66	12.57	12.57	0.765
1239	1	R50x50-3	SLV_01	114.38	-13.96	-70.96	12.57	12.57	0.540
1240	1	R50x80-65	SLV_02	530.43	23.34	-151.23	18.85	18.85	0.799
1242	1	R50x80-65	SLV_02	434.02	24.33	-84.36	18.85	18.85	0.623
	2	R50x80-67	SLV_02	434.02	8.05	2.34	12.57	18.85	0.501
	3	R50x80-65	SLV_02	434.02	25.65	-54.08	18.85	18.85	0.582
1244	1	R50x80-57	SLV_02	381.21	27.64	-59.60	15.71	15.71	0.659
	2	R50x80-56	SLV_02	381.21	-7.88	11.75	9.42	15.71	0.542
	3	R50x80-57	SLV_02	381.21	-25.63	-92.55	15.71	15.71	0.707
1245	1	R50x80-104	SLV_02	391.83	-18.00	93.75	18.47	15.71	0.653
1246	1	R50x80-104	SLV_02	399.84	-19.98	125.80	18.47	15.71	0.733
	2	R50x80-105	SLV_02	399.84	19.24	-290.91	18.47	9.42	0.924
1247	1	R50x80-105	SLV_02	399.55	-20.11	-291.19	18.47	9.42	0.926
	2	R50x80-104	SLV_02	399.55	19.81	125.89	18.47	15.71	0.732

1248	1	R50x80-104	SLV_02	391.91	-18.27	95.70	18.47	15.71	0.658
	1	R50x80-106	SLV_02	381.55	-25.95	-89.94	21.61	18.85	0.524
1249	2	R50x80-107	SLV_02	381.55	9.96	35.09	15.33	18.85	0.396
	3	R50x80-106	SLV_02	381.55	27.90	-61.86	21.61	18.85	0.496
	1	R50x80-65	SLV_02	433.06	25.71	-53.35	18.85	18.85	0.580
1251	2	R50x80-67	SLV_02	433.06	8.08	3.60	12.57	18.85	0.497
	3	R50x80-65	SLV_02	433.06	24.49	-82.18	18.85	18.85	0.620
1253	1	R50x80-65	SLV_02	525.92	22.70	-149.81	18.85	18.85	0.790
1254	1	R100x35-150	SLV_01	291.19	-37.26	-131.50	27.14	15.71	0.687
	2	R100x35-151	SLV_01	291.19	25.61	44.49	45.99	21.99	0.446
	1	R100x35-118	SLV_01	108.33	-63.06	-176.60	27.52	21.24	0.780
1255	2	R100x35-119	SLV_01	108.33	18.20	80.08	21.24	21.24	0.466
	3	R100x35-120	SLV_01	-165.38	57.16	-141.98	47.75	21.24	0.398
1256	1	R80x35-14	SLV_01	154.36	15.55	-100.10	15.71	15.71	0.800
1257	1	R80x35-14	SLV_01	149.97	15.38	-98.63	15.71	15.71	0.787
1258	1	R100x35-154	SLV_01	296.45	26.39	42.45	45.99	15.71	0.563
	2	R100x35-150	SLV_01	296.45	-38.29	-129.21	27.14	15.71	0.683
	1	R100x35-120	SLV_01	-165.31	56.27	-146.29	47.75	21.24	0.406
1259	2	R100x35-123	SLV_01	109.11	17.55	77.97	22.62	21.24	0.456
	3	R100x35-146	SLV_01	109.11	-62.98	-174.22	28.90	21.24	0.740
1260	1	R50x35-15	SLV_02	23.75	8.53	-66.97	9.42	9.42	0.779
1261	1	R50x30-19	SLV_02	3.14	-7.13	42.81	9.42	9.42	0.594
1262	1	R100x35-154	SLV_01	289.38	34.10	40.23	45.99	15.71	0.558
	2	R100x35-150	SLV_01	289.38	-52.15	-125.06	27.14	15.71	0.691
	1	R100x35-150	SLV_01	288.62	-52.57	-125.18	27.14	15.71	0.692
1263	2	R100x35-151	SLV_01	288.62	32.95	42.02	45.99	21.99	0.445
1264	1	R100x35-119	SLV_02	201.47	15.04	91.03	21.24	21.24	0.570
1265	1	R100x35-121	SLV_02	188.42	-69.30	-267.65	47.75	21.24	0.694
	2	R100x35-122	SLV_02	188.42	37.78	135.74	22.62	27.52	0.635
	1	R100x35-78	SLV_02	178.14	62.68	102.89	22.62	21.24	0.689
1266	2	R100x35-124	SLV_02	178.14	63.15	-288.70	47.75	27.52	0.736
1267	1	R100x35-119	SLV_01	202.89	44.22	-50.28	21.24	21.24	0.441
	2	R100x35-126	SLV_01	202.89	-42.83	-85.23	40.09	21.24	0.334
1268	1	R100x35-132	SLV_02	243.33	-80.67	-210.94	40.09	21.24	0.705
	2	R100x35-119	SLV_01	248.04	12.42	-86.52	21.24	21.24	0.576
1270	1	R70x30-10	SLV_01	83.73	7.77	-64.00	12.57	12.57	0.729
1271	1	R70x30-10	SLV_01	67.88	7.88	-64.35	12.57	12.57	0.717
	2	R70x30-11	SLV_01	67.88	7.40	-60.70	18.85	12.57	0.463
1273	1	R70x30-11	SLV_01	79.12	7.49	-60.82	18.85	12.57	0.472
	2	R70x30-10	SLV_01	79.12	8.08	-64.76	12.57	12.57	0.733
1274	1	R70x30-8	SLV_01	93.93	8.03	-63.02	12.57	12.57	0.730
1276	1	R70x30-8	SLV_01	114.74	8.90	-60.03	12.57	12.57	0.727
1278	1	R70x30-9	SLV_02	172.30	15.10	-76.78	15.71	15.71	0.791
1279	1	R70x30-8	SLV_02	85.49	9.99	-48.31	12.57	12.57	0.591
1280	1	R50x30-19	SLV_02	4.43	6.15	-52.56	9.42	9.42	0.713
1281	1	R50x30-19	SLV_02	4.33	5.88	-51.94	9.42	9.42	0.703
	1	R80x30-18	SLV_01	199.00	19.66	-118.98	28.90	15.71	0.637
1282	2	R80x30-17	SLV_01	199.00	-7.30	39.20	22.62	15.71	0.490
	3	R80x30-18	SLV_01	199.00	-11.54	40.79	28.90	15.71	0.513

1284	1	R80x35-14	SLV_02	363.38	36.65	-63.94	15.71	15.71	0.834
1285	1	R80x30-18	SLV_01	135.10	16.03	-45.21	28.90	15.71	0.292
	2	R80x30-17	SLV_01	135.10	-18.78	-44.14	22.62	15.71	0.366
1286	1	R80x30-17	SLV_01	114.41	13.66	-72.92	22.62	15.71	0.495
1287	1	R80x30-17	SLV_02	175.42	27.82	-28.38	22.62	15.71	0.339
	2	R80x30-18	SLV_01	94.99	-15.47	-46.27	28.90	15.71	0.273
1289	1	R80x30-18	SLV_01	100.42	-10.26	38.16	28.90	15.71	0.404
	2	R80x30-17	SLV_01	100.42	13.40	-118.13	22.62	15.71	0.729
1291	1	R80x35-14	SLV_02	390.07	-37.09	-66.50	15.71	15.71	0.872
1292	1	R80x30-17	SLV_01	118.80	14.10	-118.40	22.62	15.71	0.743
	2	R80x30-18	SLV_01	118.80	-11.05	38.29	28.90	15.71	0.424
1293	1	R50x35-22	SLV_02	203.72	-16.34	-57.42	13.57	26.14	0.685
	2	R50x35-23	SLV_02	203.72	4.38	-74.21	13.57	13.57	0.754
	3	R50x35-39	SLV_02	203.72	14.46	-178.18	22.62	13.57	0.965
1294	1	R50x35-19	SLV_02	111.55	-6.91	86.17	9.42	15.71	0.673
	2	R50x35-15	SLV_02	111.55	3.08	-50.73	9.42	9.42	0.701
	3	R50x35-18	SLV_02	111.55	8.06	-118.93	15.71	9.42	0.887
1307	1	R80x80-19	SLV_02	66.12	-9.85	504.26	27.14	27.14	0.740
	2	R80x80-20	SLV_02	66.12	-58.29	867.34	27.14	54.29	0.687
1308	1	R80x80-21	SLV_02	47.13	-37.77	1036.95	27.14	54.29	0.783
	2	R80x80-22	SLV_02	47.13	-4.73	329.24	27.14	27.14	0.482
	3	R80x80-23	SLV_02	47.13	-64.33	-743.99	45.24	27.14	0.708
1309	1	R50x35-15	SLV_02	7.45	9.85	75.44	9.42	9.42	0.849
1310	1	R50x35-15	SLV_02	11.36	8.53	68.41	9.42	9.42	0.775
1311	1	R60x80-44	SLV_02	18.90	-14.76	449.02	21.24	21.24	0.838
1312	1	R50x35-15	SLV_02	6.44	7.63	-64.64	9.42	9.42	0.725
1313	1	R60x80-44	SLV_02	14.55	-7.60	310.82	21.24	21.24	0.575
	2	R60x80-49	SLV_02	14.55	-22.05	477.58	21.24	27.52	0.707
1314	1	R50x35-15	SLV_02	2.40	8.08	-64.41	9.42	9.42	0.720
1315	1	R50x35-15	SLV_02	20.00	9.58	-55.85	9.42	9.42	0.663
1316	1	R40x35-2	SLV_02	138.66	4.51	-78.43	12.19	12.19	0.814
1317	1	R40x35-2	SLV_02	139.28	4.93	-77.87	12.19	12.19	0.813
1318	1	R50x35-15	SLV_02	20.78	-9.69	-56.54	9.42	9.42	0.671
1319	1	R50x35-15	SLV_02	2.07	7.77	-65.68	9.42	9.42	0.731
1320	1	R50x35-15	SLV_02	5.65	7.52	-64.99	9.42	9.42	0.727
1321	1	R50x35-15	SLV_02	10.77	-8.47	67.09	9.42	9.42	0.761
1322	1	R50x35-15	SLV_02	7.14	-9.79	73.45	9.42	9.42	0.831
1323	1	R80x80-19	SLV_02	66.45	-8.62	494.04	27.14	27.14	0.724
	2	R80x80-20	SLV_02	66.45	-53.41	860.48	27.14	54.29	0.677
1324	1	R80x80-21	SLV_02	49.06	-37.53	1019.70	27.14	54.29	0.771
	2	R80x80-22	SLV_02	49.06	-3.87	328.44	27.14	27.14	0.480
	3	R80x80-23	SLV_02	49.06	64.90	-741.91	45.24	27.14	0.708
1325	1	R50x35-19	SLV_02	112.77	-7.33	84.37	9.42	15.71	0.665
	2	R50x35-15	SLV_02	112.77	3.35	-51.42	9.42	9.42	0.712
	3	R50x35-18	SLV_02	112.77	8.68	-118.95	15.71	9.42	0.892
1327	1	R50x35-30	SLV_02	201.00	16.13	-52.64	12.19	26.14	0.716
	2	R50x35-31	SLV_02	201.00	-4.32	-73.76	12.19	13.57	0.829
	3	R50x35-32	SLV_02	201.00	-14.34	-174.51	24.76	13.57	0.863
	1	R50x35-34	SLV_02	22.61	9.16	68.15	9.05	15.33	0.499

1328	2	R50x35-35	SLV_02	22.61	-4.78	-79.90	15.33	9.05	0.558
	3	R50x35-36	SLV_02	22.61	-10.35	-137.66	21.61	9.05	0.695
1329	1	R60x80-45	SLV_02	26.97	-17.66	538.97	21.24	27.52	0.787
	2	R60x80-46	SLV_02	26.97	10.21	-211.63	21.24	21.24	0.412
	3	R60x80-47	SLV_02	26.97	27.67	-508.86	27.52	21.24	0.766
1330	1	R60x80-45	SLV_02	16.22	-19.97	568.51	21.24	27.52	0.828
	2	R60x80-46	SLV_02	16.22	-4.37	177.36	21.24	21.24	0.333
	3	R60x80-47	SLV_02	16.22	29.86	-439.73	27.52	21.24	0.668
1331	1	R60x80-61	SLV_02	7.93	-12.40	347.13	21.24	21.24	0.645
	2	R60x80-62	SLV_02	7.93	-28.37	495.65	21.24	33.80	0.608
1332	1	R60x80-63	SLV_02	12.43	-25.35	599.60	21.24	33.80	0.722
	2	R60x80-64	SLV_02	12.43	-6.51	164.80	21.24	21.24	0.312
	3	R60x80-65	SLV_02	12.43	33.32	-532.70	33.80	21.24	0.660
1333	1	R60x80-50	SLV_02	89.68	27.97	-527.57	27.52	22.62	0.815
	2	R60x80-51	SLV_02	89.68	-11.57	388.82	21.24	22.62	0.718
	3	R60x80-52	SLV_02	89.68	-30.52	712.48	21.24	47.75	0.654
1334	1	R80x30-18	SLV_01	103.65	16.33	-45.41	28.90	15.71	0.277
	2	R80x30-17	SLV_01	103.65	19.24	-45.88	22.62	15.71	0.360
1335	1	R80x80-24	SLV_02	31.70	49.73	-308.58	21.24	22.62	0.631
	2	R80x80-25	SLV_02	31.70	-16.01	456.69	21.24	28.90	0.631
	3	R80x80-26	SLV_02	31.70	39.40	635.64	21.24	41.47	0.635
1336	1	R80x30-17	SLV_01	116.40	14.11	-73.64	22.62	15.71	0.501
1337	1	R80x80-27	SLV_02	27.22	19.28	735.15	21.24	40.09	0.728
	2	R80x80-28	SLV_02	27.22	17.37	276.24	21.24	21.24	0.524
	3	R80x80-29	SLV_02	27.22	53.26	-450.84	27.52	21.24	0.696
1338	1	R60x80-50	SLV_02	89.35	-28.49	-528.39	27.52	22.62	0.814
	2	R60x80-51	SLV_02	89.35	11.60	389.03	21.24	22.62	0.713
	3	R60x80-52	SLV_02	89.35	30.64	713.47	21.24	47.75	0.653
1339	1	R80x30-17	SLV_01	133.01	-18.75	-41.70	22.62	15.71	0.352
	2	R80x30-18	SLV_01	133.01	15.76	-49.64	28.90	15.71	0.310
1340	1	R80x80-24	SLV_02	31.34	52.35	-308.46	21.24	22.62	0.633
	2	R80x80-25	SLV_02	31.34	-17.68	459.99	21.24	28.90	0.637
	3	R80x80-26	SLV_02	31.34	-38.36	640.30	21.24	41.47	0.640
1341	1	R80x80-27	SLV_02	26.38	-18.10	740.14	21.24	40.09	0.734
	2	R80x80-28	SLV_02	26.38	-17.85	279.60	21.24	21.24	0.533
	3	R80x80-29	SLV_02	26.38	-54.63	-451.34	27.52	21.24	0.697
1342	1	R60x80-61	SLV_02	7.39	12.58	351.94	21.24	21.24	0.650
	2	R60x80-62	SLV_02	7.39	27.71	503.34	21.24	33.80	0.615
1343	1	R60x80-63	SLV_02	11.74	24.97	607.15	21.24	33.80	0.730
	2	R60x80-64	SLV_02	11.74	6.64	168.89	21.24	21.24	0.317
	3	R60x80-65	SLV_02	11.74	-33.63	-529.82	33.80	21.24	0.656
1344	1	R60x80-44	SLV_02	13.31	7.73	310.01	21.24	21.24	0.570
	2	R60x80-49	SLV_02	13.31	21.46	478.15	21.24	27.52	0.700
1345	1	R60x80-45	SLV_02	15.10	19.48	567.42	21.24	27.52	0.820
	2	R60x80-46	SLV_02	15.10	4.34	177.55	21.24	21.24	0.330
	3	R60x80-47	SLV_02	15.10	-30.11	-436.68	27.52	21.24	0.660
1346	1	R60x80-44	SLV_02	18.60	-12.54	443.37	21.24	21.24	0.824
1347	1	R60x80-45	SLV_02	25.82	-15.38	531.38	21.24	27.52	0.772
	2	R60x80-46	SLV_02	25.82	10.75	-207.25	21.24	21.24	0.405

	3	R60x80-47	SLV_02	25.82	27.18	-502.79	27.52	21.24	0.756
1348	1	R50x35-34	SLV_02	21.56	-9.05	68.08	9.05	15.33	0.499
	2	R50x35-35	SLV_02	21.56	4.68	-80.04	15.33	9.05	0.558
	3	R50x35-36	SLV_02	21.56	10.17	-137.84	21.61	9.05	0.695
1349	1	R80x35-19	SLV_01	222.21	-21.77	-126.05	27.14	22.62	0.614
1351	1	R80x35-22	SLV_01	116.77	-22.19	-65.65	33.43	22.62	0.283
	2	R80x35-19	SLV_01	116.77	23.98	-56.00	27.14	22.62	0.314
1352	1	R80x35-19	SLV_01	101.39	19.18	-82.59	27.14	22.62	0.392
1353	1	R80x35-19	SLV_01	110.56	22.28	-54.23	27.14	22.62	0.300
	2	R80x35-22	SLV_01	110.56	-21.61	-65.23	33.43	22.62	0.278
1355	1	R80x35-22	SLV_01	200.63	18.49	49.34	33.43	22.62	0.380
	2	R80x35-19	SLV_01	200.63	-20.74	-134.33	27.14	22.62	0.631
1356	1	R80x35-15	SLV_01	198.36	-21.19	-134.71	27.14	18.10	0.629
	2	R80x35-16	SLV_01	198.36	-13.24	51.70	33.43	18.10	0.456
1358	1	R80x35-16	SLV_01	113.56	-20.59	32.11	33.43	18.10	0.303
	2	R80x35-15	SLV_01	113.56	21.58	-59.40	27.14	18.10	0.320
1359	1	R80x35-15	SLV_01	107.05	17.55	-83.87	27.14	18.10	0.398
1360	1	R80x35-15	SLV_01	121.02	24.16	30.54	27.14	18.10	0.313
	2	R80x35-16	SLV_01	121.02	-22.43	-71.07	33.43	18.10	0.300
1362	1	R80x35-15	SLV_01	221.10	20.55	-124.02	27.14	18.10	0.605
1364	1	R80x35-13	SLV_02	33.82	27.75	-73.20	12.57	12.57	0.694
1365	1	R100x35-64	SLV_02	27.15	58.61	-164.97	28.90	15.71	0.676
	2	R100x35-65	SLV_01	33.04	-13.80	77.91	22.62	15.71	0.540
	3	R100x35-66	SLV_01	33.04	-31.45	83.05	35.19	15.71	0.603
1367	1	R100x35-66	SLV_01	32.89	29.66	-82.05	35.19	15.71	0.290
	2	R100x35-65	SLV_01	32.89	35.50	-64.49	22.62	15.71	0.367
1368	1	R100x35-65	SLV_01	26.17	27.05	-103.29	22.62	15.71	0.517
1369	1	R100x35-65	SLV_01	28.11	31.93	-59.57	22.62	15.71	0.336
	2	R100x35-66	SLV_01	28.11	31.14	-81.80	35.19	15.71	0.290
1371	1	R100x35-66	SLV_01	45.19	22.55	58.30	35.19	15.71	0.440
	2	R100x35-65	SLV_01	45.19	-38.43	-153.01	22.62	15.71	0.756
1373	1	R100x35-65	SLV_01	45.03	-38.22	-152.04	22.62	15.71	0.751
	2	R100x35-66	SLV_01	45.03	22.03	57.67	35.19	15.71	0.435
1374	1	R100x35-67	SLV_01	34.05	29.63	-166.40	35.19	15.71	0.531
	2	R100x35-68	SLV_02	33.79	-20.17	74.86	22.62	21.99	0.392
	3	R100x35-67	SLV_01	22.13	30.65	-175.84	35.19	15.71	0.556
1375	1	R100x35-66	SLV_01	29.99	29.71	-80.45	35.19	15.71	0.284
	2	R100x35-65	SLV_01	29.99	31.47	-68.79	22.62	15.71	0.377
1376	1	R100x35-65	SLV_01	27.15	27.10	-103.99	22.62	15.71	0.521
1377	1	R100x35-65	SLV_01	33.55	35.30	-62.39	22.62	15.71	0.358
	2	R100x35-66	SLV_01	33.55	29.93	-88.56	35.19	15.71	0.309
1379	1	R100x35-66	SLV_01	33.85	-31.74	81.13	35.19	15.71	0.592
	2	R100x35-65	SLV_01	33.85	-14.13	76.51	22.62	15.71	0.533
	3	R100x35-64	SLV_01	33.85	43.02	-169.22	28.90	15.71	0.668
1380	1	R80x35-13	SLV_02	34.06	26.90	-70.69	12.57	12.57	0.672
1383	1	R100x35-148	SLV_01	58.52	29.00	-95.91	28.90	15.71	0.405
	2	R100x35-148	SLV_01	58.52	-33.82	46.58	22.62	15.71	0.416
1384	1	R100x35-148	SLV_01	55.06	27.75	-108.39	22.62	15.71	0.560
1385	1	R100x35-148	SLV_01	59.90	28.58	-89.52	22.62	15.71	0.482

1387	1	R100x35-65	SLV_01	69.88	28.70	-127.41	22.62	15.71	0.649
1389	1	R100x35-65	SLV_01	67.92	29.72	-136.09	22.62	15.71	0.687
1391	1	R100x35-148	SLV_01	64.57	27.65	-89.81	22.62	15.71	0.484
1392	1	R100x35-148	SLV_01	59.95	27.95	-108.49	22.62	15.71	0.563
1393	1	R100x35-148	SLV_01	61.85	-33.74	48.38	22.62	15.71	0.431
	2	R100x35-149	SLV_01	61.85	29.15	-97.63	28.90	15.71	0.413
1394	1	R100x35-149	SLV_01	48.47	28.43	-145.20	28.90	15.71	0.567
	2	R100x35-148	SLV_01	48.47	8.14	-74.85	22.62	15.71	0.369
1395	1	R100x35-148	SLV_02	61.88	47.77	-61.61	22.62	15.71	0.398
1396	1	R50x80-57	SLV_02	82.42	-31.43	-254.81	15.71	15.71	0.774
1397	1	R50x80-65	SLV_02	167.42	-16.74	-138.91	18.85	18.85	0.446
	2	R50x80-66	SLV_02	167.42	17.91	-183.77	18.85	12.57	0.539
1398	1	R50x80-65	SLV_02	250.84	-16.92	-138.72	18.85	18.85	0.512
	2	R50x80-67	SLV_02	250.84	17.83	177.96	12.57	18.85	0.587
1399	1	R50x80-67	SLV_02	295.28	15.68	132.10	12.57	18.85	0.538
	2	R50x80-65	SLV_02	295.28	-5.05	96.99	18.85	18.85	0.419
	3	R50x80-81	SLV_02	295.28	15.88	-305.96	18.85	6.28	0.856
1401	1	R50x80-82	SLV_02	356.37	12.82	-126.02	18.10	18.10	0.572
1403	1	R50x80-82	SLV_02	335.02	17.87	-103.83	18.10	18.10	0.543
	2	R50x80-83	SLV_02	335.02	6.56	68.22	9.05	18.10	0.418
1404	2	R50x80-82	SLV_02	335.02	-17.96	-101.85	18.10	18.10	0.540
	1	R80x30-18	SLV_01	199.71	-11.38	39.21	28.90	15.71	0.501
1405	2	R80x30-17	SLV_01	199.71	19.61	-116.61	22.62	15.71	0.795
	1	R80x30-26	SLV_02	17.16	-13.72	-44.62	12.57	12.57	0.484
1406	1	R100x30-73	SLV_01	20.76	31.91	-136.23	18.85	12.57	0.951
	2	R100x30-74	SLV_01	20.76	-10.26	57.76	12.57	12.57	0.591
	3	R100x30-75	SLV_01	20.76	-15.69	61.84	25.13	12.57	0.643
1408	1	R50x80-82	SLV_02	337.76	-18.13	-105.23	18.10	18.10	0.549
	2	R50x80-83	SLV_02	337.76	6.63	67.08	9.05	18.10	0.418
	3	R50x80-82	SLV_02	337.76	17.78	-105.79	18.10	18.10	0.548
1410	1	R50x80-65	SLV_02	358.49	12.85	-123.00	18.85	18.85	0.555
1412	1	R50x80-81	SLV_02	297.47	-16.36	-303.19	18.85	6.28	0.852
	2	R50x80-65	SLV_02	297.47	15.31	125.75	18.85	18.85	0.521
1413	1	R50x80-57	SLV_02	249.51	17.63	169.99	15.71	15.71	0.673
1414	1	R50x80-57	SLV_02	165.28	17.75	-179.37	15.71	15.71	0.622
	2	R50x80-58	SLV_02	165.28	-16.63	-135.97	15.71	9.42	0.520
1415	1	R50x80-57	SLV_02	81.58	-31.09	-248.94	15.71	15.71	0.758
1416	1	R60x80-53	SLV_02	79.82	-28.14	815.56	21.24	47.75	0.735
	2	R60x80-54	SLV_02	79.82	-7.56	278.03	21.24	22.62	0.520
	3	R60x80-55	SLV_02	79.82	30.53	-579.23	33.80	22.62	0.732
1417	1	R50x80-113	SLV_02	306.98	17.30	-104.12	22.62	18.10	0.479
	2	R50x80-114	SLV_02	306.98	13.20	-213.61	21.24	18.10	0.638
1419	1	R50x80-118	SLV_02	310.08	13.78	-218.29	21.24	18.10	0.651
	2	R50x80-113	SLV_02	310.08	17.60	-108.75	22.62	18.10	0.489
1420	1	R60x80-53	SLV_02	79.07	27.83	816.17	21.24	47.75	0.732
	2	R60x80-54	SLV_02	79.07	7.10	279.90	21.24	22.62	0.519
	3	R60x80-55	SLV_02	79.07	-31.53	-578.40	33.80	22.62	0.730
1421	1	R100x30-75	SLV_01	27.99	18.71	-55.89	25.13	12.57	0.320
	2	R100x30-74	SLV_01	27.99	24.61	-54.63	12.57	12.57	0.611

1422	1	R100x30-74	SLV_01	20.66	20.16	-92.61	12.57	12.57	0.945
1423	1	R100x30-74	SLV_01	15.71	24.78	-52.36	12.57	12.57	0.578
	2	R100x30-78	SLV_01	15.71	19.81	-61.07	31.42	12.57	0.279
1425	1	R100x30-78	SLV_02	22.51	-24.08	41.05	31.42	12.57	0.464
	2	R100x30-74	SLV_02	22.51	-14.40	40.80	12.57	12.57	0.446
	3	R100x30-75	SLV_02	22.51	45.88	-142.57	25.13	12.57	0.789
1427	1	R100x30-75	SLV_02	22.53	44.77	-143.21	25.13	12.57	0.790
	2	R100x30-74	SLV_02	22.53	-13.92	40.94	12.57	12.57	0.446
	3	R100x30-78	SLV_02	22.53	-23.24	41.32	31.42	12.57	0.464
1429	1	R100x30-78	SLV_01	15.05	19.01	-55.06	31.42	12.57	0.254
	2	R100x30-74	SLV_01	15.05	23.73	-51.14	12.57	12.57	0.563
1430	1	R100x30-74	SLV_01	18.50	20.18	-93.81	12.57	12.57	0.954
1431	1	R100x30-74	SLV_01	24.81	25.47	-52.74	12.57	12.57	0.593
	2	R100x30-78	SLV_01	24.81	20.52	-67.37	31.42	12.57	0.308
1433	1	R100x30-75	SLV_01	20.79	-15.29	58.71	25.13	12.57	0.613
	2	R100x30-74	SLV_01	20.79	-9.84	55.54	12.57	12.57	0.569
	3	R100x30-73	SLV_01	20.79	32.06	-132.29	18.85	12.57	0.927
1434	1	R80x30-26	SLV_02	16.36	-13.57	-43.14	12.57	12.57	0.469
1436	1	R100x30-67	SLV_01	85.30	19.64	-51.98	15.71	15.71	0.515
1437	1	R100x30-67	SLV_01	79.66	16.99	-81.62	15.71	15.71	0.727
1438	1	R100x30-67	SLV_01	73.23	20.65	-55.21	15.71	15.71	0.532
	2	R100x30-82	SLV_01	73.23	17.58	-54.53	21.99	15.71	0.380
1440	1	R100x30-82	SLV_01	39.25	19.41	-79.79	21.99	15.71	0.503
	2	R100x30-67	SLV_02	84.98	-13.16	21.86	15.71	15.71	0.273
	3	R100x30-68	SLV_01	39.25	17.58	-103.11	28.27	15.71	0.492
1442	1	R100x30-68	SLV_01	48.32	18.73	-103.71	28.27	15.71	0.500
	2	R100x30-67	SLV_02	88.57	-12.75	22.37	15.71	15.71	0.280
	3	R100x30-82	SLV_01	48.32	20.91	-80.20	21.99	15.71	0.514
1444	1	R100x30-82	SLV_01	79.07	16.62	-49.58	21.99	15.71	0.354
	2	R100x30-67	SLV_01	79.07	19.20	-51.56	15.71	15.71	0.505
1445	1	R100x30-67	SLV_01	84.34	16.85	-82.21	15.71	15.71	0.734
1446	1	R100x30-67	SLV_01	88.60	20.54	-49.63	15.71	15.71	0.502
	2	R100x30-82	SLV_01	88.60	16.46	-56.02	21.99	15.71	0.395
1460	1	R50x30-21	SLV_02	20.56	6.64	-40.74	6.28	6.28	0.852
1461	1	R50x30-19	SLV_02	7.67	4.84	-67.73	9.42	9.42	0.901
1462	1	R50x30-19	SLV_02	3.76	-5.11	64.36	9.42	9.42	0.855
1463	1	R50x30-19	SLV_02	5.68	4.59	-58.38	9.42	9.42	0.778
1464	1	R50x30-19	SLV_02	4.01	5.09	-55.54	9.42	9.42	0.743
1465	1	R50x30-19	SLV_02	6.13	-7.82	48.53	9.42	9.42	0.675
1466	1	R50x30-22	SLV_02	81.76	4.71	-82.18	15.33	15.33	0.744
	2	R50x30-23	SLV_02	81.76	-1.57	20.62	9.05	9.05	0.399
	3	R50x30-24	SLV_02	81.76	5.28	-53.79	9.05	15.33	0.857
1467	1	R50x30-19	SLV_02	-1.64	-4.22	32.56	9.42	9.42	0.439
1468	1	R50x30-19	SLV_02	5.74	-2.66	37.94	9.42	9.42	0.506
1469	1	R50x30-22	SLV_02	79.45	4.53	-81.50	15.33	15.33	0.736
	2	R50x30-23	SLV_02	79.45	-1.52	20.45	9.05	9.05	0.393
	3	R50x30-24	SLV_02	79.45	5.17	-52.92	9.05	15.33	0.842
1470	1	R50x30-19	SLV_02	6.20	-7.65	48.57	9.42	9.42	0.674
1471	1	R50x30-19	SLV_02	4.25	4.25	-55.81	9.42	9.42	0.741

1472	1	R50x30-19	SLV_02	5.46	3.91	-58.01	9.42	9.42	0.769
1473	1	R50x30-19	SLV_02	3.30	-4.70	62.88	9.42	9.42	0.833
1474	1	R50x30-19	SLV_02	7.62	4.84	-66.16	9.42	9.42	0.881
1475	1	R50x30-19	SLV_02	20.38	6.48	-42.64	9.42	9.42	0.610
1476	1	R30x80-2	SLV_02	63.06	4.91	-188.43	9.42	9.42	0.864
1477	1	R30x80-2	SLV_02	60.21	4.67	-183.92	9.42	9.42	0.841
1478	1	R50x30-19	SLV_02	9.58	-6.35	42.94	9.42	9.42	0.599
1479	1	R50x30-19	SLV_02	11.06	5.20	-40.82	9.42	9.42	0.566
1480	1	R50x30-21	SLV_02	12.49	5.67	-40.56	6.28	6.28	0.825
1481	1	R50x30-19	SLV_02	9.52	-5.68	29.78	9.42	9.42	0.427
1482	1	R60x30-2	SLV_02	23.31	6.84	-48.73	12.57	12.57	0.522
1483	1	R60x30-2	SLV_02	22.69	6.84	-48.83	12.57	12.57	0.523
1484	1	R50x30-19	SLV_02	9.61	-5.54	29.60	9.42	9.42	0.424
1485	1	R50x30-21	SLV_02	11.66	5.42	-40.36	6.28	6.28	0.818
1486	1	R50x30-19	SLV_02	11.05	4.62	-40.36	9.42	9.42	0.557
1487	1	R50x30-19	SLV_02	8.99	-5.78	41.89	9.42	9.42	0.581
1488	1	R70x30-8	SLV_02	72.85	8.79	-53.44	12.57	12.57	0.621
1489	1	R70x30-9	SLV_02	174.39	15.62	-75.46	15.71	15.71	0.785
1491	1	R70x30-8	SLV_02	203.07	12.92	-49.32	12.57	12.57	0.743
1493	1	R70x30-10	SLV_01	85.96	8.03	-62.95	12.57	12.57	0.723
1494	1	R70x30-10	SLV_01	63.02	7.62	-65.38	12.57	12.57	0.721
	2	R70x30-11	SLV_01	63.02	7.03	-59.15	18.85	12.57	0.448
1496	1	R70x30-11	SLV_01	80.16	7.65	-59.24	18.85	12.57	0.463
	2	R70x30-10	SLV_01	80.16	8.39	-65.84	12.57	12.57	0.746
1497	1	R70x30-8	SLV_01	101.78	8.72	-62.05	12.57	12.57	0.732
1499	1	R70x30-8	SLV_01	121.07	8.64	-61.67	12.57	12.57	0.748
1501	1	R70x30-9	SLV_02	165.66	14.63	-74.62	15.71	15.71	0.767
1502	1	R70x30-8	SLV_02	68.90	8.46	-51.99	12.57	12.57	0.602
1503	1	R50x30-19	SLV_02	3.09	5.28	-50.57	9.42	9.42	0.680
1504	1	R50x30-19	SLV_02	2.43	5.83	-50.04	9.42	9.42	0.676
1505	1	R80x30-24	SLV_01	194.65	18.55	-125.28	21.99	15.71	0.857
	2	R80x30-23	SLV_01	194.65	-6.83	41.04	15.71	15.71	0.503
	3	R80x30-22	SLV_01	194.65	-10.82	43.99	21.99	15.71	0.536
1507	1	R80x30-22	SLV_01	126.21	-15.96	-42.31	21.99	15.71	0.353
	2	R80x30-23	SLV_01	126.21	17.49	-46.34	15.71	15.71	0.523
1508	1	R80x30-23	SLV_01	104.15	12.92	-74.29	15.71	15.71	0.700
1509	1	R80x30-23	SLV_01	83.68	17.42	-45.64	15.71	15.71	0.478
	2	R80x30-22	SLV_01	83.68	14.16	-43.03	21.99	15.71	0.327
1511	1	R80x30-22	SLV_01	93.58	-9.13	41.19	21.99	15.71	0.422
	2	R80x30-23	SLV_02	111.06	-10.35	35.13	15.71	15.71	0.398
	3	R80x30-22	SLV_01	93.58	11.95	-124.07	21.99	15.71	0.774
1513	1	R80x30-22	SLV_01	113.93	12.81	-124.37	21.99	15.71	0.789
	2	R80x30-23	SLV_01	113.93	-6.66	38.61	15.71	15.71	0.413
	3	R80x30-22	SLV_01	113.93	-9.87	41.34	21.99	15.71	0.442
1515	1	R80x30-22	SLV_01	94.17	15.15	-42.13	21.99	15.71	0.331
	2	R80x30-23	SLV_01	94.17	17.95	-47.77	15.71	15.71	0.507
1516	1	R80x30-23	SLV_01	106.72	13.96	-75.14	15.71	15.71	0.713
1517	1	R80x30-23	SLV_01	123.60	18.00	-44.01	15.71	15.71	0.505
	2	R80x30-22	SLV_01	123.60	15.83	-47.93	21.99	15.71	0.382

1519	1	R80x30-22	SLV_01	190.95	-11.20	42.16	21.99	15.71	0.521
	2	R80x30-23	SLV_01	190.95	-7.11	39.77	15.71	15.71	0.492
	3	R80x30-22	SLV_01	190.95	18.78	-122.50	21.99	15.71	0.841
1520	1	R80x30-26	SLV_02	17.29	-11.95	-46.86	12.57	12.57	0.499
1521	1	R100x30-75	SLV_01	18.85	30.42	-142.87	25.13	12.57	0.757
	2	R100x30-74	SLV_01	18.85	-9.54	59.58	12.57	12.57	0.603
	3	R100x30-75	SLV_01	18.85	-14.52	65.06	25.13	12.57	0.669
1523	1	R100x30-78	SLV_01	23.58	20.26	-59.77	31.42	12.57	0.277
	2	R100x30-74	SLV_01	23.58	23.20	-54.61	12.57	12.57	0.602
1524	1	R100x30-74	SLV_01	18.90	20.01	-93.90	12.57	12.57	0.955
1525	1	R100x30-74	SLV_01	14.58	23.89	-55.14	12.57	12.57	0.600
	2	R100x30-78	SLV_01	14.58	18.66	-57.38	31.42	12.57	0.262
1527	1	R100x30-78	SLV_02	22.88	-20.51	45.51	31.42	12.57	0.498
	2	R100x30-74	SLV_02	22.88	-12.17	43.31	12.57	12.57	0.464
	3	R100x30-75	SLV_02	22.88	40.78	-151.89	25.13	12.57	0.823
1529	1	R100x30-75	SLV_02	22.63	40.15	-152.64	25.13	12.57	0.826
	2	R100x30-74	SLV_02	22.63	-11.80	43.54	12.57	12.57	0.464
	3	R100x30-78	SLV_02	22.63	-19.90	45.90	31.42	12.57	0.500
1531	1	R100x30-78	SLV_01	14.69	19.91	-55.80	31.42	12.57	0.258
	2	R100x30-74	SLV_01	14.69	24.40	-57.67	12.57	12.57	0.626
1532	1	R100x30-74	SLV_01	17.81	20.28	-95.49	12.57	12.57	0.969
1533	1	R100x30-74	SLV_01	22.46	24.26	-55.79	12.57	12.57	0.615
	2	R100x30-78	SLV_01	22.46	20.59	-65.58	31.42	12.57	0.300
1535	1	R100x30-75	SLV_01	18.22	-14.95	62.66	25.13	12.57	0.647
	2	R100x30-74	SLV_01	18.22	-9.71	58.00	12.57	12.57	0.589
	3	R100x30-73	SLV_01	18.22	31.05	-138.71	18.85	12.57	0.963
1536	1	R80x30-26	SLV_02	16.13	-11.87	-45.25	12.57	12.57	0.483
1538	1	R100x30-82	SLV_01	76.97	16.75	-51.16	21.99	15.71	0.362
	2	R100x30-67	SLV_01	76.97	18.17	-54.99	15.71	15.71	0.527
1539	1	R100x30-67	SLV_01	71.83	16.79	-83.67	15.71	15.71	0.735
1540	1	R100x30-67	SLV_01	64.98	19.79	-58.92	15.71	15.71	0.551
	2	R100x30-82	SLV_01	64.98	16.13	-49.24	21.99	15.71	0.343
1542	1	R100x30-82	SLV_01	34.21	17.28	-78.50	21.99	15.71	0.489
	2	R100x30-67	SLV_01	34.21	-6.84	28.50	15.71	15.71	0.261
	3	R100x30-68	SLV_01	34.21	15.56	-106.33	28.27	15.71	0.500
1544	1	R100x30-68	SLV_01	43.05	16.72	-107.00	28.27	15.71	0.508
	2	R100x30-67	SLV_01	43.05	-7.55	28.73	15.71	15.71	0.272
	3	R100x30-82	SLV_01	43.05	18.75	-78.95	21.99	15.71	0.499
1546	1	R100x30-82	SLV_01	72.16	17.50	-48.79	21.99	15.71	0.348
	2	R100x30-67	SLV_01	72.16	20.30	-59.82	15.71	15.71	0.565
1547	1	R100x30-67	SLV_01	77.23	17.04	-84.43	15.71	15.71	0.746
1548	1	R100x30-67	SLV_01	81.38	19.13	-54.93	15.71	15.71	0.532
	2	R100x30-82	SLV_01	81.38	17.13	-50.14	21.99	15.71	0.360
1562	1	R50x30-21	SLV_02	14.59	5.91	-41.58	6.28	6.28	0.851
1563	1	R50x30-25	SLV_02	5.26	-5.05	71.55	6.28	12.57	0.721
	2	R50x30-21	SLV_02	5.26	1.17	-18.68	6.28	6.28	0.368
	3	R50x30-26	SLV_02	5.26	4.90	-72.82	12.57	6.28	0.733
1564	1	R50x30-25	SLV_02	3.60	-4.66	70.15	6.28	12.57	0.704
	2	R50x30-21	SLV_02	3.60	-1.22	17.57	6.28	6.28	0.345

	3	R50x30-26	SLV_02	3.60	4.53	-70.06	12.57	6.28	0.703
1565	1	R50x30-19	SLV_02	6.64	-4.58	63.37	9.42	9.42	0.843
1566	1	R50x30-19	SLV_02	4.61	5.04	-59.97	9.42	9.42	0.800
1567	1	R50x30-19	SLV_02	6.14	-6.95	53.42	9.42	9.42	0.731
1568	1	R50x30-28	SLV_02	70.30	4.03	-88.71	12.19	12.19	0.973
	2	R50x30-29	SLV_02	70.30	4.54	-58.84	12.19	18.47	0.682
1569	1	R50x30-19	SLV_02	1.40	-3.47	33.25	9.42	9.42	0.446
1570	1	R50x30-19	SLV_02	5.60	-2.29	40.31	9.42	9.42	0.534
1571	1	R50x30-22	SLV_02	68.50	3.91	-88.00	15.33	15.33	0.776
	2	R50x30-23	SLV_02	68.50	-1.30	22.18	9.05	9.05	0.398
	3	R50x30-24	SLV_02	68.50	4.42	-57.93	9.05	15.33	0.888
1572	1	R50x30-19	SLV_02	6.00	-6.76	53.31	9.42	9.42	0.728
1573	1	R50x30-19	SLV_02	4.33	4.79	-60.15	9.42	9.42	0.800
1574	1	R50x30-19	SLV_02	6.24	-4.27	62.93	9.42	9.42	0.834
1575	1	R50x30-25	SLV_02	3.38	-4.22	68.53	6.28	12.57	0.686
	2	R50x30-21	SLV_02	3.38	-1.10	17.18	6.28	6.28	0.336
	3	R50x30-26	SLV_02	3.38	4.09	-68.39	12.57	6.28	0.684
1576	1	R50x30-25	SLV_02	5.04	-4.49	70.18	6.28	12.57	0.705
	2	R50x30-21	SLV_02	5.04	1.03	-18.22	6.28	6.28	0.358
	3	R50x30-26	SLV_02	5.04	4.34	-71.27	12.57	6.28	0.715
1577	1	R50x30-19	SLV_02	14.08	5.90	-44.28	9.42	9.42	0.619
1578	1	R30x80-2	SLV_02	58.20	4.35	-189.75	9.42	9.42	0.860
1579	1	R30x80-2	SLV_02	55.30	4.13	-185.91	9.42	9.42	0.839
1580	1	R50x30-27	SLV_02	8.27	-5.87	46.04	12.57	12.57	0.488
	2	R50x30-21	SLV_02	8.27	6.83	-46.14	6.28	6.28	0.930
1581	1	R50x30-19	SLV_02	9.27	4.66	-42.05	9.42	9.42	0.576
1582	1	R50x30-21	SLV_02	10.26	5.18	-46.29	6.28	6.28	0.924
1583	1	R50x30-19	SLV_02	7.22	4.90	-34.32	9.42	9.42	0.477
1584	1	R60x30-2	SLV_02	18.72	5.81	-52.29	12.57	12.57	0.547
1585	1	R60x30-2	SLV_02	18.05	5.77	-52.40	12.57	12.57	0.547
1586	1	R50x30-19	SLV_02	7.62	4.80	-34.36	9.42	9.42	0.477
1587	1	R50x30-21	SLV_02	9.66	4.96	-45.69	6.28	6.28	0.910
1588	1	R50x30-19	SLV_02	8.59	4.60	-41.58	9.42	9.42	0.569
1589	1	R50x30-27	SLV_02	7.82	-5.26	44.84	12.57	12.57	0.472
	2	R50x30-21	SLV_02	7.82	6.23	-45.02	6.28	6.28	0.903
1590	1	R70x30-8	SLV_02	67.01	7.70	-55.47	12.57	12.57	0.629
1591	1	R70x30-17	SLV_02	160.75	14.42	-81.67	18.10	12.57	0.708
1593	1	R70x30-8	SLV_01	103.48	8.32	-63.02	12.57	12.57	0.741
1595	1	R70x30-10	SLV_01	78.05	7.18	-64.28	12.57	12.57	0.723
1596	1	R70x30-10	SLV_01	60.21	6.63	-66.90	12.57	12.57	0.727
	2	R70x30-11	SLV_01	60.21	6.28	-59.21	18.85	12.57	0.444
1598	1	R70x30-11	SLV_01	77.90	6.85	-59.32	18.85	12.57	0.459
	2	R70x30-10	SLV_01	77.90	7.40	-67.45	12.57	12.57	0.754
1599	1	R70x30-8	SLV_01	95.10	7.94	-63.34	12.57	12.57	0.734
1601	1	R70x30-8	SLV_01	112.84	8.48	-63.18	12.57	12.57	0.753
1603	1	R70x30-8	SLV_02	152.06	13.65	-79.08	12.57	12.57	0.967
1604	1	R70x30-8	SLV_02	63.39	7.36	-54.04	12.57	12.57	0.611
1605	1	R50x30-26	SLV_02	3.25	5.39	-48.91	12.57	6.28	0.504
	2	R50x30-21	SLV_02	3.25	-4.57	24.05	6.28	6.28	0.490

1606	1	R50x30-26	SLV_02	3.07	5.41	-47.75	12.57	6.28	0.492
	2	R50x30-21	SLV_02	3.07	-4.54	23.63	6.28	6.28	0.482
1607	1	R80x30-24	SLV_01	164.53	16.04	-129.38	21.99	15.71	0.856
	2	R80x30-23	SLV_01	164.53	-6.08	42.47	15.71	15.71	0.485
	3	R80x30-22	SLV_01	164.53	-9.56	46.34	21.99	15.71	0.524
1609	1	R80x30-22	SLV_01	104.82	-13.25	-39.46	21.99	15.71	0.316
	2	R80x30-23	SLV_01	104.82	13.83	-48.09	15.71	15.71	0.505
1610	1	R80x30-23	SLV_01	85.69	9.95	-75.13	15.71	15.71	0.680
1611	1	R80x30-23	SLV_01	69.58	13.16	-47.38	15.71	15.71	0.465
	2	R80x30-22	SLV_01	69.58	10.82	-40.18	21.99	15.71	0.293
1613	1	R80x30-22	SLV_01	82.90	-6.96	43.69	21.99	15.71	0.425
	2	R80x30-23	SLV_02	105.97	-7.79	36.81	15.71	15.71	0.397
	3	R80x30-24	SLV_01	82.90	9.42	-128.65	21.99	15.71	0.785
1615	1	R80x30-24	SLV_01	98.73	9.87	-129.02	21.99	15.71	0.798
	2	R80x30-23	SLV_01	98.73	-4.81	40.12	15.71	15.71	0.405
	3	R80x30-22	SLV_01	98.73	-7.23	43.88	21.99	15.71	0.440
1617	1	R80x30-22	SLV_01	79.35	11.09	-39.39	21.99	15.71	0.296
	2	R80x30-23	SLV_01	79.35	13.13	-49.43	15.71	15.71	0.491
1618	1	R80x30-23	SLV_01	89.45	10.74	-76.13	15.71	15.71	0.694
1619	1	R80x30-23	SLV_01	104.78	14.47	-46.10	15.71	15.71	0.492
	2	R80x30-22	SLV_01	104.78	12.70	-46.45	21.99	15.71	0.354
1621	1	R80x30-22	SLV_01	155.71	-9.83	44.04	21.99	15.71	0.500
	2	R80x30-23	SLV_01	155.71	-6.26	40.89	15.71	15.71	0.467
	3	R80x30-22	SLV_01	155.71	16.28	-125.96	21.99	15.71	0.832
1622	1	R80x30-26	SLV_02	15.32	-10.75	-48.79	12.57	12.57	0.512
1623	1	R100x30-75	SLV_01	15.38	25.53	-147.86	25.13	12.57	0.770
	2	R100x30-74	SLV_01	15.38	-8.48	61.57	12.57	12.57	0.615
	3	R100x30-75	SLV_01	15.38	-12.67	68.22	25.13	12.57	0.690
1625	1	R100x30-78	SLV_01	20.55	16.41	-56.02	31.42	12.57	0.255
	2	R100x30-74	SLV_01	20.55	18.42	-56.71	12.57	12.57	0.605
1626	1	R100x30-74	SLV_01	16.16	15.92	-95.25	12.57	12.57	0.953
1627	1	R100x30-74	SLV_01	12.96	18.50	-56.93	12.57	12.57	0.599
	2	R100x30-78	SLV_01	12.96	14.51	-54.64	31.42	12.57	0.243
1629	1	R100x30-78	SLV_02	19.73	-15.72	49.30	31.42	12.57	0.519
	2	R100x30-74	SLV_02	19.73	-9.62	45.55	12.57	12.57	0.474
	3	R100x30-75	SLV_02	19.73	30.50	-158.89	25.13	12.57	0.835
1631	1	R100x30-75	SLV_02	18.82	31.20	-159.65	25.13	12.57	0.840
	2	R100x30-74	SLV_02	18.82	-9.55	45.76	12.57	12.57	0.474
	3	R100x30-78	SLV_02	18.82	-15.75	49.67	31.42	12.57	0.522
1633	1	R100x30-78	SLV_01	11.88	14.83	-53.34	31.42	12.57	0.238
	2	R100x30-74	SLV_01	11.88	18.40	-59.33	12.57	12.57	0.620
1634	1	R100x30-74	SLV_01	14.03	15.80	-96.95	12.57	12.57	0.966
1635	1	R100x30-74	SLV_01	18.26	19.40	-58.60	12.57	12.57	0.623
	2	R100x30-78	SLV_01	18.26	16.80	-64.85	31.42	12.57	0.289
1637	1	R100x30-75	SLV_01	13.44	-13.10	65.00	25.13	12.57	0.659
	2	R100x30-74	SLV_01	13.44	-8.63	59.45	12.57	12.57	0.594
	3	R100x30-73	SLV_01	13.44	25.94	-142.63	18.85	12.57	0.973
1638	1	R80x30-26	SLV_02	13.78	-10.51	-46.65	12.57	12.57	0.489
1640	1	R100x30-82	SLV_01	69.88	13.64	-48.46	21.99	15.71	0.336

1640	2	R100x30-67	SLV_01	69.88	14.08	-58.89	15.71	15.71	0.539
1641	1	R100x30-67	SLV_01	63.03	13.23	-85.32	15.71	15.71	0.731
1642	1	R100x30-67	SLV_01	56.44	15.11	-62.32	15.71	15.71	0.557
	2	R100x30-82	SLV_01	56.44	12.32	-45.35	21.99	15.71	0.308
1644	1	R100x30-82	SLV_01	31.55	12.68	-77.22	21.99	15.71	0.469
	2	R100x30-67	SLV_01	31.55	-5.25	29.24	15.71	15.71	0.260
	3	R100x30-68	SLV_01	31.55	12.01	-108.94	28.27	15.71	0.503
1646	1	R100x30-68	SLV_01	37.78	12.36	-109.61	28.27	15.71	0.510
	2	R100x30-67	SLV_01	37.78	-5.56	29.47	15.71	15.71	0.268
	3	R100x30-82	SLV_01	37.78	13.15	-77.77	21.99	15.71	0.477
1648	1	R100x30-82	SLV_01	63.72	-14.22	-45.12	21.99	15.71	0.313
	2	R100x30-67	SLV_01	63.72	15.05	-63.44	15.71	15.71	0.571
1649	1	R100x30-67	SLV_01	69.88	13.17	-86.04	15.71	15.71	0.742
1650	1	R100x30-67	SLV_01	75.64	14.86	-58.61	15.71	15.71	0.544
	2	R100x30-82	SLV_01	75.64	13.71	-48.70	21.99	15.71	0.341
1664	1	R50x30-21	SLV_02	12.13	-5.17	42.18	6.28	6.28	0.851
1665	1	R50x30-25	SLV_02	4.04	-3.96	77.29	6.28	12.57	0.769
	2	R50x30-21	SLV_02	4.04	0.92	-20.37	6.28	6.28	0.395
	3	R50x30-26	SLV_02	4.04	3.84	-78.97	12.57	6.28	0.785
1666	1	R50x30-25	SLV_02	2.30	-3.66	76.16	6.28	12.57	0.755
	2	R50x30-21	SLV_02	2.30	-0.96	19.10	6.28	6.28	0.369
	3	R50x30-26	SLV_02	2.30	3.54	-75.99	12.57	6.28	0.753
1667	1	R50x30-25	SLV_02	4.58	-3.67	68.96	6.28	12.57	0.688
	2	R50x30-21	SLV_02	4.58	-0.95	17.25	6.28	6.28	0.338
	3	R50x30-26	SLV_02	4.58	3.59	-68.92	12.57	6.28	0.687
1668	1	R50x30-19	SLV_02	3.05	4.05	-65.06	9.42	9.42	0.856
1669	1	R50x30-19	SLV_02	4.13	-5.33	58.15	9.42	9.42	0.778
1670	1	R50x30-30	SLV_02	53.25	3.18	-93.34	15.71	15.71	0.786
	2	R50x30-19	SLV_02	53.25	-1.03	23.56	9.42	9.42	0.379
	3	R50x30-20	SLV_02	53.25	3.37	-62.96	9.42	15.71	0.897
1671	1	R50x30-19	SLV_02	2.79	-2.67	34.42	9.42	9.42	0.458
1672	1	R50x30-19	SLV_02	6.77	-1.92	42.25	9.42	9.42	0.557
1673	1	R50x30-30	SLV_02	55.08	2.85	-92.63	15.71	15.71	0.780
	2	R50x30-19	SLV_02	55.08	-0.99	23.38	9.42	9.42	0.379
	3	R50x30-20	SLV_02	55.08	3.40	-62.02	9.42	15.71	0.888
1674	1	R50x30-19	SLV_02	3.90	-5.30	57.96	9.42	9.42	0.775
1675	1	R50x30-19	SLV_02	2.84	4.02	-65.25	9.42	9.42	0.858
1676	1	R50x30-25	SLV_02	4.13	-3.48	68.57	6.28	12.57	0.683
	2	R50x30-21	SLV_02	4.13	-0.90	17.17	6.28	6.28	0.336
	3	R50x30-26	SLV_02	4.13	3.41	-68.51	12.57	6.28	0.682
1677	1	R50x30-25	SLV_02	2.18	-3.37	74.90	6.28	12.57	0.741
	2	R50x30-21	SLV_02	2.18	-0.89	18.81	6.28	6.28	0.362
	3	R50x30-26	SLV_02	2.18	3.25	-74.68	12.57	6.28	0.738
1678	1	R50x30-25	SLV_02	6.43	-3.61	76.05	6.28	12.57	0.758
	2	R50x30-21	SLV_02	6.43	0.83	-20.25	6.28	6.28	0.397
	3	R50x30-26	SLV_02	6.43	3.50	-78.02	12.57	6.28	0.776
1679	1	R50x30-19	SLV_02	13.40	4.92	-44.91	9.42	9.42	0.620
1680	1	R30x80-2	SLV_02	47.20	3.59	-191.53	9.42	9.42	0.847
1681	1	R30x80-2	SLV_02	46.05	3.51	-187.74	9.42	9.42	0.830

1682	1	R50x30-27	SLV_02	6.38	-4.80	50.13	12.57	12.57	0.519
	2	R50x30-21	SLV_02	6.38	1.68	-10.25	6.28	6.28	0.217
	3	R50x30-26	SLV_02	6.38	-5.69	31.74	12.57	6.28	0.650
1683	1	R50x30-26	SLV_02	7.57	-3.94	41.43	12.57	6.28	0.822
	2	R50x30-21	SLV_02	7.57	-4.73	42.29	6.28	6.28	0.841
1684	1	R50x30-21	SLV_02	7.28	4.24	-49.78	6.28	6.28	0.976
1685	1	R50x30-19	SLV_02	6.20	3.96	-38.32	9.42	9.42	0.520
1686	1	R60x30-2	SLV_02	16.03	4.48	-54.90	12.57	12.57	0.563
1687	1	R60x30-2	SLV_02	16.32	4.35	-55.03	12.57	12.57	0.563
1688	1	R50x30-19	SLV_02	6.66	3.96	-38.34	9.42	9.42	0.521
1689	1	R50x30-21	SLV_02	7.31	4.20	-49.20	6.28	6.28	0.965
1690	1	R50x30-26	SLV_02	7.19	-3.63	40.77	12.57	6.28	0.806
	2	R50x30-21	SLV_02	7.19	-4.71	41.79	6.28	6.28	0.830
1691	1	R50x30-27	SLV_02	6.24	-4.33	49.53	12.57	12.57	0.510
	2	R50x30-21	SLV_02	6.24	5.51	-49.91	6.28	6.28	0.986
1692	1	R70x30-8	SLV_02	63.04	-7.56	-56.82	12.57	12.57	0.633
1693	1	R70x30-17	SLV_02	141.74	12.04	-86.37	18.10	12.57	0.718
1695	1	R70x30-8	SLV_01	92.40	7.41	-71.53	12.57	12.57	0.806
1697	1	R70x30-12	SLV_01	72.05	6.01	-71.59	15.71	15.71	0.630
1698	1	R70x30-12	SLV_01	59.73	5.38	-73.91	15.71	15.71	0.636
	2	R70x30-13	SLV_01	59.73	5.24	-68.03	21.99	15.71	0.430
1700	1	R70x30-13	SLV_01	72.11	5.38	-68.17	21.99	15.71	0.438
	2	R70x30-12	SLV_01	72.11	5.68	-74.50	15.71	15.71	0.651
1701	1	R70x30-8	SLV_01	85.78	6.34	-70.67	12.57	12.57	0.787
1703	1	R70x30-8	SLV_01	103.52	7.40	-71.74	12.57	12.57	0.820
1705	1	R70x30-8	SLV_02	141.11	11.44	-83.32	12.57	12.57	0.986
1706	1	R70x30-8	SLV_02	62.53	-7.16	-55.19	12.57	12.57	0.615
1707	1	R50x30-26	SLV_02	2.67	4.29	-62.66	12.57	6.28	0.629
	2	R50x30-21	SLV_02	2.67	-3.98	32.76	6.28	6.28	0.647
1708	1	R50x30-26	SLV_02	2.51	4.59	-62.12	12.57	6.28	0.626
	2	R50x30-21	SLV_02	2.51	-4.14	32.47	6.28	6.28	0.643
1709	1	R80x30-24	SLV_01	134.29	14.67	-131.37	21.99	15.71	0.845
	2	R80x30-23	SLV_01	134.29	-5.51	43.21	15.71	15.71	0.461
	3	R80x30-22	SLV_01	134.29	-8.71	47.53	21.99	15.71	0.502
1711	1	R80x30-22	SLV_01	97.28	-11.50	-36.19	21.99	15.71	0.289
	2	R80x30-23	SLV_01	97.28	12.45	-48.48	15.71	15.71	0.496
1712	1	R80x30-23	SLV_01	86.13	8.77	-75.12	15.71	15.71	0.676
1713	1	R80x30-23	SLV_01	75.52	10.90	-47.54	15.71	15.71	0.465
	2	R80x30-22	SLV_01	75.52	9.42	-37.08	21.99	15.71	0.276
1715	1	R80x30-22	SLV_02	101.69	-10.08	39.87	21.99	15.71	0.421
	2	R80x30-23	SLV_02	101.69	-6.67	37.88	15.71	15.71	0.397
	3	R80x30-24	SLV_01	68.58	8.33	-130.95	21.99	15.71	0.787
1717	1	R80x30-24	SLV_01	74.15	9.27	-131.39	21.99	15.71	0.795
	2	R80x30-23	SLV_02	102.20	-7.01	37.92	15.71	15.71	0.399
	3	R80x30-22	SLV_01	74.15	-6.95	45.19	21.99	15.71	0.429
1719	1	R80x30-22	SLV_01	78.90	11.25	-36.16	21.99	15.71	0.278
	2	R80x30-23	SLV_01	78.90	13.64	-49.31	15.71	15.71	0.491
1720	1	R80x30-23	SLV_01	89.17	10.89	-75.78	15.71	15.71	0.692
1721	1	R80x30-23	SLV_01	97.10	12.90	-45.88	15.71	15.71	0.478

	2	R80x30-22	SLV_01	97.10	13.63	-47.01	21.99	15.71	0.355
	1	R80x30-22	SLV_01	139.28	-11.78	45.92	21.99	15.71	0.504
1723	2	R80x30-23	SLV_01	139.28	-7.60	42.20	15.71	15.71	0.465
	3	R80x30-24	SLV_01	139.28	18.13	-128.12	21.99	15.71	0.840
1724	1	R80x30-26	SLV_02	13.89	-11.29	-50.14	12.57	12.57	0.525
	1	R100x30-75	SLV_01	13.67	-26.77	-150.71	25.13	12.57	0.779
1725	2	R100x30-74	SLV_01	13.67	-8.14	62.83	12.57	12.57	0.624
	3	R100x30-75	SLV_01	13.67	-16.41	69.02	25.13	12.57	0.706
1727	1	R100x30-78	SLV_01	14.64	14.30	-51.00	31.42	12.57	0.229
	2	R100x30-74	SLV_01	14.64	16.97	-56.30	12.57	12.57	0.591
1728	1	R100x30-74	SLV_01	12.72	13.10	-95.53	12.57	12.57	0.943
1729	1	R100x30-74	SLV_01	9.19	-17.36	-55.74	12.57	12.57	0.574
	2	R100x30-78	SLV_01	9.19	13.20	-51.20	31.42	12.57	0.226
	1	R100x30-78	SLV_02	13.79	-13.92	51.74	31.42	12.57	0.532
1731	2	R100x30-74	SLV_02	13.79	-9.02	46.99	12.57	12.57	0.479
	3	R100x30-75	SLV_02	13.79	22.92	-163.34	25.13	12.57	0.838
	1	R100x30-75	SLV_02	10.36	25.52	-163.91	25.13	12.57	0.844
1733	2	R100x30-74	SLV_02	10.36	-9.19	47.16	12.57	12.57	0.478
	3	R100x30-78	SLV_02	10.36	-14.61	52.03	31.42	12.57	0.533
1735	1	R100x30-78	SLV_01	4.97	15.19	-49.89	31.42	12.57	0.222
	2	R100x30-74	SLV_01	4.97	-20.79	-57.65	12.57	12.57	0.596
1736	1	R100x30-74	SLV_01	7.47	15.72	-96.63	12.57	12.57	0.956
1737	1	R100x30-74	SLV_01	6.38	17.22	-58.05	12.57	12.57	0.599
	2	R100x30-78	SLV_01	6.38	-17.87	-64.88	31.42	12.57	0.283
	1	R100x30-75	SLV_01	15.65	-16.50	66.50	25.13	12.57	0.684
1739	2	R100x30-74	SLV_01	15.65	-10.74	60.47	12.57	12.57	0.612
	3	R100x30-75	SLV_01	15.65	-31.98	-144.50	25.13	12.57	0.760
1740	1	R80x30-26	SLV_01	13.52	-11.17	-46.96	12.57	12.57	0.494
1742	1	R100x30-82	SLV_01	66.68	-12.16	-41.24	21.99	15.71	0.291
	2	R100x30-67	SLV_01	66.68	13.25	-61.75	15.71	15.71	0.556
1743	1	R100x30-67	SLV_01	63.96	10.82	-87.05	15.71	15.71	0.738
1744	1	R100x30-67	SLV_01	55.98	-14.17	-64.72	15.71	15.71	0.567
	2	R100x30-82	SLV_01	55.98	11.46	-39.92	21.99	15.71	0.277
	1	R100x30-82	SLV_01	34.94	11.22	-74.54	21.99	15.71	0.453
1746	2	R100x30-67	SLV_01	34.94	-5.02	29.51	15.71	15.71	0.265
	3	R100x30-68	SLV_01	34.94	9.93	-108.44	28.27	15.71	0.499
	1	R100x30-68	SLV_01	36.97	11.68	-109.04	28.27	15.71	0.506
1748	2	R100x30-67	SLV_01	36.97	-5.58	29.69	15.71	15.71	0.269
	3	R100x30-82	SLV_01	36.97	12.89	-74.97	21.99	15.71	0.461
1750	1	R100x30-82	SLV_01	65.66	13.07	26.75	21.99	15.71	0.289
	2	R100x30-67	SLV_01	65.66	14.84	-65.41	15.71	15.71	0.587
1751	1	R100x30-67	SLV_01	75.57	12.87	-87.59	15.71	15.71	0.757
1752	1	R100x30-67	SLV_01	80.90	14.21	-60.87	15.71	15.71	0.564
	2	R100x30-82	SLV_01	80.90	-14.20	-41.27	21.99	15.71	0.304
1766	1	R50x30-19	SLV_02	12.95	4.90	-46.50	9.42	9.42	0.639
1767	1	R50x30-28	SLV_02	11.28	3.54	-82.93	12.19	12.19	0.853
1768	1	R50x30-28	SLV_02	7.52	2.99	-80.92	12.19	12.19	0.826
	1	R50x30-25	SLV_02	4.40	-2.70	73.36	6.28	12.57	0.725
1769	2	R50x30-21	SLV_02	4.40	0.63	-18.44	6.28	6.28	0.358

	3	R50x30-26	SLV_02	4.40	2.62	-73.51	12.57	6.28	0.726
1770	1	R50x30-19	SLV_02	2.76	2.82	-67.07	9.42	9.42	0.873
1771	1	R50x30-19	SLV_02	3.91	-4.06	60.39	9.42	9.42	0.798
	1	R50x30-30	SLV_02	43.75	2.90	-95.51	15.71	15.71	0.794
1772	2	R50x30-19	SLV_02	43.75	-0.90	24.09	9.42	9.42	0.372
	3	R50x30-20	SLV_02	43.75	3.03	-64.98	9.42	15.71	0.907
1773	1	R50x30-21	SLV_02	5.66	-2.21	35.00	6.28	6.28	0.681
1774	1	R50x30-21	SLV_02	6.07	-2.31	43.05	6.28	6.28	0.833
	1	R50x30-30	SLV_02	50.10	2.71	-94.89	15.71	15.71	0.793
1775	2	R50x30-19	SLV_02	50.10	-0.85	23.92	9.42	9.42	0.378
	3	R50x30-20	SLV_02	50.10	3.08	-64.04	9.42	15.71	0.904
1776	1	R50x30-19	SLV_02	3.71	-4.34	59.92	9.42	9.42	0.793
1777	1	R50x30-19	SLV_02	3.65	3.22	-66.25	9.42	9.42	0.866
	1	R50x30-25	SLV_02	7.68	-3.04	71.70	6.28	12.57	0.714
1778	2	R50x30-21	SLV_02	7.68	0.71	-18.11	6.28	6.28	0.359
	3	R50x30-26	SLV_02	7.68	2.96	-71.99	12.57	6.28	0.716
1779	1	R50x30-28	SLV_02	9.91	2.90	-77.85	12.19	12.19	0.798
1780	1	R50x30-28	SLV_02	5.98	-3.21	82.29	12.19	12.19	0.839
1781	1	R50x30-19	SLV_02	6.73	4.78	-48.16	9.42	9.42	0.651
1782	1	R30x80-2	SLV_02	42.19	3.46	-197.94	9.42	9.42	0.866
1783	1	R30x80-2	SLV_02	57.28	3.79	-192.02	9.42	9.42	0.863
1784	1	R50x30-28	SLV_02	4.75	4.76	-53.89	12.19	12.19	0.564
	1	R50x30-27	SLV_02	6.51	3.25	-46.34	12.57	12.57	0.473
1785	2	R50x30-21	SLV_02	6.51	3.79	-45.69	6.28	6.28	0.895
1786	1	R50x30-19	SLV_02	8.38	3.17	-53.74	9.42	9.42	0.713
1787	1	R50x30-19	SLV_02	6.38	3.14	-42.77	9.42	9.42	0.571
1788	1	R60x30-2	SLV_02	10.34	3.83	-56.81	12.57	12.57	0.572
1789	1	R60x30-2	SLV_02	11.99	3.73	-56.98	12.57	12.57	0.575
1790	1	R50x30-19	SLV_02	6.17	3.34	-42.65	9.42	9.42	0.571
1791	1	R50x30-19	SLV_02	8.53	3.44	-52.88	9.42	9.42	0.704
	1	R50x30-26	SLV_02	7.05	-3.31	43.88	12.57	6.28	0.862
1792	2	R50x30-21	SLV_02	7.05	4.02	-44.19	6.28	6.28	0.869
1793	1	R50x30-28	SLV_02	7.39	4.80	-51.50	12.19	12.19	0.543
1794	1	R70x30-8	SLV_02	70.43	-7.64	-58.20	12.57	12.57	0.654
1795	1	R70x30-9	SLV_02	146.81	10.59	-88.83	15.71	15.71	0.844
1797	1	R70x30-9	SLV_01	98.65	6.13	-72.13	15.71	15.71	0.658
1799	1	R70x30-12	SLV_01	83.25	5.13	-72.02	15.71	15.71	0.640
	1	R70x30-12	SLV_01	69.43	4.72	-75.11	15.71	15.71	0.650
1800	2	R70x30-13	SLV_01	69.43	4.39	-66.19	21.99	15.71	0.422
	1	R70x30-13	SLV_01	70.38	5.05	-66.20	21.99	15.71	0.425
1802	2	R70x30-12	SLV_01	70.38	5.41	-75.72	15.71	15.71	0.658
1803	1	R70x30-9	SLV_01	88.19	6.23	-70.92	15.71	15.71	0.639
1805	1	R70x30-9	SLV_01	109.31	7.72	-72.21	15.71	15.71	0.674
1807	1	R70x30-9	SLV_02	166.74	12.82	-85.24	15.71	15.71	0.842
1808	1	R70x30-8	SLV_02	68.83	-6.70	-55.87	12.57	12.57	0.626
1809	1	R50x30-28	SLV_02	2.17	4.13	-62.15	12.19	12.19	0.640
1810	1	R50x30-28	SLV_02	3.22	3.86	-60.62	12.19	12.19	0.625
	1	R80x30-27	SLV_02	180.15	-19.51	29.13	18.85	12.57	0.539
1811	2	R80x30-28	SLV_02	180.15	12.17	27.89	12.57	12.57	0.506

	3	R80x30-27	SLV_02	180.15	37.83	-97.43	18.85	12.57	0.862
1812	1	R80x30-30	SLV_01	124.12	-21.99	-138.46	21.99	15.71	0.893
	2	R80x30-31	SLV_01	124.12	-6.84	45.72	15.71	15.71	0.474
	3	R80x30-32	SLV_01	124.12	12.01	48.05	28.27	15.71	0.504
1814	1	R80x30-32	SLV_01	126.23	-18.10	-34.55	28.27	15.71	0.250
	2	R80x30-31	SLV_01	126.23	20.87	-47.71	15.71	15.71	0.540
1815	1	R80x30-31	SLV_01	122.99	14.09	-79.46	15.71	15.71	0.755
1816	1	R80x30-31	SLV_02	185.16	26.90	-36.99	15.71	15.71	0.528
	2	R80x30-32	SLV_02	185.16	-24.61	-24.59	28.27	15.71	0.260
1818	1	R80x30-32	SLV_02	109.48	-16.83	40.23	28.27	15.71	0.447
	2	R80x30-31	SLV_02	109.48	-10.95	40.73	15.71	15.71	0.438
	3	R80x30-30	SLV_02	109.48	24.67	-124.14	21.99	15.71	0.823
182	1	R50x30-21	SLV_02	17.83	1.65	-14.01	6.28	6.28	0.310
1820	1	R80x30-30	SLV_02	118.29	25.03	-124.03	21.99	15.71	0.828
	2	R80x30-31	SLV_02	118.29	-11.36	40.92	15.71	15.71	0.448
	3	R80x30-32	SLV_02	118.29	-17.37	40.44	28.27	15.71	0.457
1822	1	R80x30-32	SLV_02	225.14	-25.79	-23.05	28.27	15.71	0.281
	2	R80x30-31	SLV_02	225.14	30.06	-39.13	15.71	15.71	0.593
1823	1	R80x30-31	SLV_01	151.10	14.57	-77.99	15.71	15.71	0.769
1824	1	R80x30-38	SLV_02	187.79	36.85	-94.98	24.38	12.57	0.670
	2	R80x30-39	SLV_02	187.79	-11.81	28.19	18.10	12.57	0.510
	3	R80x30-38	SLV_02	187.79	-19.70	29.04	24.38	12.57	0.537
1826	1	R80x30-41	SLV_01	187.30	-15.06	41.56	22.62	18.10	0.453
	2	R80x30-42	SLV_01	187.30	-25.78	-123.65	22.62	18.10	0.824
1827	1	R80x30-26	SLV_02	16.21	-17.54	-57.52	12.57	12.57	0.618
1828	1	R100x30-84	SLV_01	9.83	-39.60	-164.62	27.52	21.24	0.791
	2	R100x30-85	SLV_02	12.69	-17.44	66.06	21.24	21.24	0.415
	3	R100x30-86	SLV_02	12.69	45.65	-107.20	33.80	21.24	0.465
1830	1	R100x30-92	SLV_01	-40.65	-25.89	-66.12	41.47	21.24	0.246
	2	R100x30-85	SLV_01	8.51	31.35	-57.08	21.24	21.24	0.389
1831	1	R100x30-93	SLV_01	7.41	22.05	-113.39	21.24	21.24	0.689
1832	1	R100x30-85	SLV_01	-0.67	31.78	-59.98	21.24	21.24	0.401
	2	R100x30-94	SLV_01	-38.01	-25.26	-53.57	40.09	21.24	0.207
1834	1	R100x30-86	SLV_02	12.53	43.40	-79.53	33.80	21.24	0.359
	2	R100x30-85	SLV_02	12.53	-15.31	51.76	21.24	21.24	0.330
	3	R100x30-84	SLV_02	12.53	-47.33	-176.99	27.52	21.24	0.859
1836	1	R100x30-84	SLV_02	12.72	-47.89	-176.29	27.52	21.24	0.856
	2	R100x30-85	SLV_02	12.72	-16.01	51.50	21.24	21.24	0.330
	3	R100x30-86	SLV_02	12.72	45.25	-79.25	33.80	21.24	0.361
1838	1	R100x30-94	SLV_01	-62.54	-26.79	-52.28	40.09	21.24	0.208
	2	R100x30-85	SLV_01	16.83	32.83	-63.56	21.24	21.24	0.434
1839	1	R100x30-93	SLV_01	37.57	22.94	-114.77	21.24	21.24	0.716
1840	1	R80x30-38	SLV_02	128.92	32.27	-26.00	24.38	12.57	0.285
	2	R80x30-39	SLV_02	128.92	-45.22	-27.90	18.10	12.57	0.412
1841	1	R80x30-39	SLV_01	85.38	-23.90	-58.31	18.10	12.57	0.511
1842	1	R100x30-72	SLV_02	34.94	57.20	-77.20	15.71	15.71	0.756
	2	R100x30-98	SLV_01	22.73	-49.45	-144.96	21.99	15.71	0.902
1843	1	R80x30-26	SLV_01	18.96	-19.92	-50.71	12.57	12.57	0.564
1845	1	R100x30-100	SLV_02	173.32	-20.18	-41.44	25.13	12.57	0.330

1845	2	R100x30-99	SLV_02	173.32	31.81	-39.23	12.57	12.57	0.647
1846	1	R100x30-99	SLV_01	101.54	16.23	-77.16	12.57	12.57	0.869
1847	1	R100x30-99	SLV_02	151.62	28.40	-49.66	12.57	12.57	0.710
	2	R100x30-100	SLV_02	151.62	-36.13	8.02	25.13	12.57	0.327
1848	1	R70x30-8	SLV_01	106.58	-11.89	-47.16	12.57	12.57	0.603
1849	1	R100x30-100	SLV_01	54.66	20.45	-79.23	25.13	12.57	0.450
	2	R100x30-99	SLV_02	109.02	-13.57	26.99	12.57	12.57	0.408
	3	R100x30-104	SLV_01	54.66	-18.67	-117.52	18.85	12.57	0.819
1851	1	R100x30-104	SLV_01	62.54	-19.49	-117.95	18.85	12.57	0.829
	2	R100x30-99	SLV_02	124.55	-14.18	27.41	12.57	12.57	0.430
	3	R100x30-100	SLV_02	124.55	37.21	-68.11	25.13	12.57	0.469
1853	1	R100x30-100	SLV_02	180.61	-40.78	9.05	25.13	12.57	0.380
	2	R100x30-99	SLV_02	180.61	29.28	-50.14	12.57	12.57	0.748
1854	1	R100x30-99	SLV_01	108.33	17.24	-77.45	12.57	12.57	0.882
1855	1	R100x30-99	SLV_02	188.35	40.00	-38.09	12.57	12.57	0.678
	2	R100x30-104	SLV_02	188.35	-27.45	-40.01	18.85	12.57	0.458
1867	1	R80x30-39	SLV_02	128.77	54.03	23.05	18.10	12.57	0.525
1869	1	R50x30-21	SLV_02	5.89	-6.79	44.78	6.28	6.28	0.899
1870	1	R50x30-28	SLV_02	11.10	6.49	79.26	12.19	12.19	0.828
1871	1	R50x30-28	SLV_02	24.60	5.71	75.83	12.19	12.19	0.804
	1	R50x30-25	SLV_02	31.19	-5.27	67.68	6.28	12.57	0.712
	2	R50x30-21	SLV_02	31.19	-1.52	17.50	6.28	6.28	0.404
1872	3	R50x30-26	SLV_02	31.19	4.75	-66.16	12.57	6.28	0.695
	1	R50x30-25	SLV_02	12.45	-5.30	70.17	6.28	12.57	0.716
	2	R50x30-21	SLV_02	12.45	1.19	-17.68	6.28	6.28	0.364
1873	3	R50x30-26	SLV_02	12.45	5.08	-70.40	12.57	6.28	0.717
	1	R50x30-19	SLV_02	10.72	-7.57	63.70	9.42	9.42	0.872
	1	R50x30-51	SLV_02	68.67	5.25	-96.24	15.33	12.57	0.851
1875	2	R50x30-52	SLV_02	68.67	1.33	-24.09	9.05	12.57	0.426
	3	R50x30-53	SLV_02	68.67	-5.21	96.16	15.33	18.85	0.697
	1	R50x30-19	SLV_02	15.92	-5.17	41.04	9.42	9.42	0.575
1877	1	R50x30-19	SLV_02	11.97	-4.23	45.10	9.42	9.42	0.616
1878	1	R50x30-51	SLV_02	63.50	5.28	-95.84	15.33	12.57	0.844
	2	R50x30-52	SLV_02	63.50	-1.38	-23.99	9.05	12.57	0.416
	3	R50x30-53	SLV_02	63.50	-5.79	95.76	15.33	18.85	0.693
1879	1	R50x30-19	SLV_02	13.40	8.20	63.60	9.42	9.42	0.871
1880	1	R50x30-25	SLV_02	15.20	5.59	71.51	6.28	12.57	0.732
	2	R50x30-21	SLV_02	15.20	-1.26	-17.95	6.28	6.28	0.374
	3	R50x30-26	SLV_02	15.20	-5.38	-71.63	12.57	6.28	0.732
1881	1	R50x30-28	SLV_02	43.03	5.77	68.14	12.19	12.19	0.747
1882	1	R50x30-28	SLV_02	30.97	-6.62	76.29	12.19	12.19	0.823
1883	1	R50x30-19	SLV_02	12.45	5.99	-65.51	9.42	9.42	0.887
1884	1	R50x30-21	SLV_02	8.42	7.75	30.95	6.28	6.28	0.646
1885	1	R30x80-2	SLV_02	51.63	5.46	-182.59	9.42	9.42	0.831
1886	1	R30x80-2	SLV_02	76.07	-6.31	-160.30	9.42	9.42	0.781
1887	1	R50x30-28	SLV_02	18.95	6.10	-38.29	12.19	12.19	0.431
1888	1	R50x30-26	SLV_02	20.21	-5.42	33.22	12.57	6.28	0.704
	2	R50x30-21	SLV_02	20.21	5.71	34.92	6.28	6.28	0.730
1889	1	R50x30-19	SLV_02	16.51	5.19	-49.94	9.42	9.42	0.689

1890	1	R50x30-19	SLV_02	15.80	-4.94	40.11	9.42	9.42	0.562
1891	1	R60x30-2	SLV_02	12.85	6.29	-52.56	12.57	12.57	0.546
1892	1	R60x30-2	SLV_02	11.14	7.78	-52.91	12.57	12.57	0.555
1893	1	R50x30-19	SLV_02	19.66	5.30	40.31	9.42	9.42	0.569
1894	1	R50x30-19	SLV_02	19.51	-5.52	-49.44	9.42	9.42	0.686
1895	1	R50x30-28	SLV_02	23.59	5.69	-36.57	12.19	12.19	0.416
1896	1	R50x30-28	SLV_02	16.99	6.69	-35.66	12.19	12.19	0.406
1897	1	R70x30-8	SLV_02	111.29	-11.37	-57.91	12.57	12.57	0.708
1898	1	R70x30-9	SLV_02	208.68	13.29	-77.20	15.71	15.71	0.817
1900	1	R70x30-8	SLV_02	214.20	10.72	-47.48	12.57	12.57	0.726
1902	1	R70x30-12	SLV_02	193.94	-12.93	-48.92	15.71	15.71	0.589
1903	1	R70x30-12	SLV_02	168.75	13.65	-50.24	15.71	15.71	0.584
1905	2	R70x30-13	SLV_02	168.75	-13.55	-52.47	21.99	15.71	0.435
1906	1	R70x30-13	SLV_02	184.96	-14.30	-53.08	21.99	15.71	0.450
1908	2	R70x30-12	SLV_02	184.96	14.39	-51.25	15.71	15.71	0.608
1910	1	R70x30-8	SLV_02	220.52	-13.35	-48.01	12.57	12.57	0.743
1912	1	R70x30-8	SLV_02	242.14	11.36	-46.31	12.57	12.57	0.748
1910	1	R70x30-9	SLV_02	200.07	19.32	-70.94	15.71	15.71	0.786
1912	1	R50x30-28	SLV_02	2.16	5.54	-46.21	12.19	12.19	0.489
1913	1	R50x30-19	SLV_02	4.36	5.66	-44.11	9.42	9.42	0.602
1914	1	R80x30-40	SLV_01	119.06	-26.40	79.96	18.10	18.85	0.666
1914	2	R80x30-39	SLV_01	119.06	42.38	-76.22	18.10	12.57	0.720
1916	1	R100x30-114	SLV_01	167.89	-61.37	-139.94	24.38	12.57	0.890
1916	2	R100x30-110	SLV_01	167.89	-19.81	44.60	18.10	12.57	0.647
1916	3	R100x30-114	SLV_01	167.89	-32.75	59.87	24.38	12.57	0.818
1918	1	R100x30-110	SLV_02	343.18	40.10	-31.10	18.10	12.57	0.578
1918	2	R100x30-113	SLV_02	343.18	-89.41	-39.95	24.38	18.85	0.569
1919	1	R100x30-113	SLV_02	220.31	-53.57	-72.89	24.38	18.85	0.579
1919	2	R100x30-110	SLV_02	220.31	-17.87	38.27	18.10	12.57	0.642
1919	3	R100x30-116	SLV_01	159.73	26.77	-82.16	18.10	18.85	0.717
1920	1	R100x30-110	SLV_02	118.75	-59.01	-35.47	18.10	12.57	0.448
1920	2	R100x30-111	SLV_02	118.75	50.91	-59.42	36.95	12.57	0.319
1922	1	R100x30-111	SLV_02	8.53	-30.99	35.23	36.95	12.57	0.403
1922	2	R100x30-110	SLV_02	8.53	-19.55	37.31	18.10	12.57	0.408
1922	3	R100x30-109	SLV_02	8.53	53.64	-149.59	30.66	12.57	0.693
1923	1	R100x30-109	SLV_02	-3.48	52.18	-148.27	30.66	12.57	0.679
1923	2	R100x30-110	SLV_02	-3.48	-19.73	36.92	18.10	12.57	0.393
1923	3	R100x30-111	SLV_02	-3.48	-31.07	34.54	36.95	12.57	0.385
1925	1	R100x30-111	SLV_02	56.27	50.28	-60.50	36.95	12.57	0.293
1925	2	R100x30-110	SLV_02	56.27	-63.48	-38.92	18.10	12.57	0.426
1926	1	R100x30-110	SLV_01	88.88	-28.30	-78.96	18.10	12.57	0.645
1926	2	R100x30-114	SLV_01	88.88	-39.63	-90.64	24.38	12.57	0.566
1927	1	R100x30-114	SLV_02	172.37	-91.34	-53.86	24.38	12.57	0.531
1927	2	R100x30-110	SLV_02	172.37	85.41	28.46	18.10	12.57	0.654
1929	1	R100x30-115	SLV_01	160.88	-29.56	112.47	18.10	25.13	0.682
1929	2	R100x30-110	SLV_01	160.88	-34.29	36.81	18.10	12.57	0.607
1929	3	R100x30-114	SLV_02	134.88	-159.60	-107.30	24.38	12.57	0.887
1933	1	R100x30-106	SLV_02	138.43	48.24	-59.32	12.57	12.57	0.837
1935	1	R100x30-106	SLV_02	165.57	-50.11	-60.58	12.57	12.57	0.882

1938	1	R40x30-3	SLV_02	7.33	-10.23	-32.15	9.42	9.42	0.500
1939	1	R40x30-3	SLV_02	8.80	10.54	-31.36	9.42	9.42	0.495
1940	1	R40x30-4	SLV_01	12.27	-5.25	-28.81	6.28	6.28	0.614
1941	1	R40x30-4	SLV_02	21.48	5.38	-26.36	6.28	6.28	0.590
1961	1	R70x30-15	SLV_02	3.31	10.62	-109.33	18.10	18.10	0.768
1962	1	R70x30-15	SLV_02	2.73	16.30	-94.94	18.10	18.10	0.688
1963	1	R70x30-8	SLV_02	15.42	-16.04	87.75	12.57	12.57	0.912
1964	1	R70x30-8	SLV_02	9.60	18.98	-76.21	12.57	12.57	0.809
1965	1	R70x30-13	SLV_02	45.31	-12.70	89.37	21.99	15.71	0.768
	2	R70x30-12	SLV_02	45.31	-3.23	32.06	15.71	15.71	0.297
	3	R70x30-16	SLV_02	45.31	13.27	-88.31	15.71	21.99	0.762
1966	1	R70x30-13	SLV_02	52.15	-11.58	88.23	21.99	15.71	0.760
	2	R70x30-12	SLV_02	52.15	-3.26	32.04	15.71	15.71	0.303
	3	R70x30-16	SLV_02	52.15	-12.08	124.50	15.71	21.99	0.758
1967	1	R70x30-8	SLV_02	9.03	20.67	-77.01	12.57	12.57	0.823
1968	1	R70x30-9	SLV_02	15.04	-19.16	93.34	15.71	15.71	0.799
1972	1	R50x30-19	SLV_01	25.63	40.00	42.09	9.42	9.42	0.808
1973	1	R50x30-19	SLV_01	24.45	40.67	43.24	9.42	9.42	0.824
1974	1	R50x30-19	SLV_01	22.48	5.29	-54.65	9.42	9.42	0.757
1975	1	R50x30-19	SLV_01	22.12	-5.71	-54.35	9.42	9.42	0.753
1976	1	R50x30-21	SLV_02	-2.03	11.35	25.69	6.28	6.28	0.549
1977	1	R40x30-4	SLV_02	10.14	-11.39	26.50	6.28	6.28	0.619
1978	1	R40x30-4	SLV_02	7.04	8.01	-29.19	6.28	6.28	0.635
1979	1	R40x30-4	SLV_02	17.16	-4.63	-28.21	6.28	6.28	0.607
1980	1	R40x30-4	SLV_01	11.11	5.25	-30.46	6.28	6.28	0.643
1981	1	L80x145-35	SLV_01	57.84	-5.20	-219.92	22.62	27.14	0.229
1985	1	R30x130-12	SLV_01	25.33	-3.35	-364.80	13.57	13.57	0.632
1988	1	R30x130-13	SLV_01	33.12	2.16	-432.16	13.57	13.57	0.743
1991	1	R30x130-13	SLV_01	37.36	2.86	-455.45	13.57	13.57	0.788
1994	1	R30x130-17	SLV_01	34.81	3.55	459.95	18.10	16.71	0.654
1997	1	R30x130-17	SLV_01	45.82	4.14	462.51	18.10	16.71	0.668
2000	1	R30x130-17	SLV_01	92.63	5.23	438.95	18.10	16.71	0.676
2002	1	R30x130-11	SLV_01	38.36	-0.87	167.13	13.57	13.57	0.310
2003	1	R30x130-11	SLV_01	34.28	-1.64	-360.89	13.57	13.57	0.625
2004	1	R30x130-11	SLV_01	54.26	-1.16	172.80	13.57	13.57	0.335
2005	1	R30x130-11	SLV_01	40.37	1.84	-380.88	13.57	13.57	0.664
2006	1	R30x130-16	SLV_01	65.41	1.42	172.94	18.10	16.71	0.284
2007	1	R30x130-16	SLV_01	43.75	2.41	377.65	18.10	16.71	0.546
2008	1	R30x130-11	SLV_01	33.93	-1.64	-362.77	13.57	13.57	0.628
2009	1	R30x130-11	SLV_01	40.12	-0.89	166.88	13.57	13.57	0.311
2010	1	R30x130-11	SLV_01	40.80	1.96	-382.19	13.57	13.57	0.667
2011	1	R30x130-11	SLV_01	55.81	-1.17	172.31	13.57	13.57	0.335
2012	1	R30x130-16	SLV_01	45.39	2.56	376.00	18.10	16.71	0.545
2013	1	R30x130-16	SLV_01	66.66	1.39	172.51	18.10	16.71	0.285
2014	1	R30x130-16	SLV_01	50.51	2.90	379.34	18.10	16.71	0.555
2015	1	R30x130-16	SLV_01	77.52	1.43	167.46	18.10	16.71	0.286
2016	1	R30x130-11	SLV_01	22.86	-2.49	-309.79	13.57	13.57	0.536
2017	1	R30x130-11	SLV_01	16.96	1.33	162.60	13.57	13.57	0.286
2018	1	R30x130-16	SLV_01	84.83	3.37	364.38	18.10	16.71	0.562

2019	1	R30x130-16	SLV_01	116.80	1.89	161.03	18.10	16.71	0.311
2020	1	R30x130-16	SLV_01	76.57	1.47	167.61	18.10	16.71	0.286
2021	1	R30x130-16	SLV_01	48.78	2.79	380.28	18.10	16.71	0.555
2022	1	R30x130-16	SLV_01	115.77	1.90	160.62	18.10	16.71	0.309
2023	1	R30x130-16	SLV_01	82.77	3.34	362.79	18.10	16.71	0.558
2024	1	R30x130-11	SLV_01	15.87	1.32	161.97	13.57	13.57	0.284
2025	1	R30x130-11	SLV_01	24.22	-2.40	-307.07	13.57	13.57	0.532
2026	1	R30x90-5	SLV_02	144.04	3.32	102.66	9.05	9.05	0.593
2027	1	R30x90-6	SLV_02	187.83	1.75	103.51	9.05	9.05	0.646
2028	1	R30x90-5	SLV_02	173.67	4.06	-46.19	9.05	9.05	0.465
2029	1	R30x90-5	SLV_02	124.91	3.41	-39.96	9.05	9.05	0.362
2030	1	R30x90-5	SLV_02	77.97	5.96	19.22	9.05	9.05	0.254
2032	1	R30x90-6	SLV_02	183.65	-2.32	107.04	9.05	9.05	0.657
2035	1	R30x90-5	SLV_02	78.75	-6.01	19.68	9.05	9.05	0.256
2047	1	R30x90-8	SLV_02	116.46	-4.39	-58.27	13.57	13.57	0.290
2048	1	R30x90-8	SLV_02	38.87	-6.27	-11.46	13.57	13.57	0.132
2049	1	R30x90-8	SLV_02	71.02	10.05	7.64	13.57	13.57	0.200
2053	1	R30x90-8	SLV_02	67.17	-9.24	7.23	13.57	13.57	0.187
2055	1	R30x30-2	SLV_02	-11.08	4.73	34.40	6.28	6.28	0.691
2056	1	R30x30-2	SLV_02	-10.66	4.76	35.07	6.28	6.28	0.704
2060	1	R100x35-65	SLV_02	56.46	-42.86	-54.79	22.62	15.71	0.343
2061	1	R100x35-65	SLV_01	54.88	-32.65	-58.12	22.62	15.71	0.339
2062	1	R100x35-148	SLV_02	61.46	-8.83	52.87	22.62	15.71	0.399
2063	1	R100x35-148	SLV_01	46.11	7.92	-76.51	22.62	15.71	0.375
	2	R100x35-149	SLV_01	46.11	27.81	-147.46	28.90	15.71	0.573
2064	1	R60x80-75	SLV_01	49.77	23.16	-418.72	24.38	27.14	0.713
	2	R60x80-76	SLV_02	118.32	35.67	209.44	24.38	27.14	0.416
2065	1	R60x80-77	SLV_02	121.69	-26.41	200.44	18.10	27.14	0.387
	2	R60x80-78	SLV_02	121.69	-10.16	153.57	24.38	27.14	0.288
	3	R60x80-79	SLV_01	46.80	-19.33	-314.52	24.38	27.14	0.542
2066	1	R60x80-80	SLV_01	49.80	-19.18	-315.43	24.38	18.85	0.550
	2	R60x80-81	SLV_02	123.07	-9.97	154.25	24.38	18.85	0.411
	3	R60x80-82	SLV_02	123.07	-26.28	202.52	18.10	18.85	0.546
2067	1	R60x80-83	SLV_02	119.47	35.03	212.17	24.38	18.85	0.580
	2	R60x80-84	SLV_01	52.87	22.49	-423.11	24.38	18.85	0.727
2068	1	R120x35-20	SLV_01	82.68	-53.76	-169.10	31.67	27.14	0.632
2069	1	R120x35-20	SLV_01	78.46	-55.11	-170.59	31.67	27.14	0.637
2070	1	R100x35-123	SLV_02	109.99	-86.48	-127.86	22.62	21.24	0.755
2071	1	R100x35-123	SLV_02	109.93	76.74	69.48	22.62	21.24	0.516
	2	R100x35-145	SLV_02	109.93	-85.86	-123.75	28.90	21.24	0.601
2072	1	R100x35-124	SLV_02	183.36	63.68	-285.94	47.75	27.52	0.732
	2	R100x35-78	SLV_02	183.36	62.72	101.57	22.62	21.24	0.686
2073	1	R100x35-122	SLV_02	193.74	37.94	134.88	22.62	27.52	0.636
	2	R100x35-121	SLV_02	193.74	-69.80	-267.34	47.75	21.24	0.695
2074	1	R50x60-18	SLV_02	233.58	26.48	-202.63	18.10	18.10	0.832
	2	R50x60-19	SLV_02	233.58	-20.62	177.01	9.05	24.38	0.561
2075	1	R50x60-20	SLV_02	364.86	34.21	166.10	18.10	18.10	0.871
2076	1	R50x60-18	SLV_02	220.52	-26.03	-204.75	18.10	18.10	0.826
	2	R50x60-21	SLV_02	220.52	20.54	178.14	18.10	24.38	0.555

2077	1	R50x60-20	SLV_02	343.18	-33.62	166.55	18.10	18.10	0.852
	2	R50x60-22	SLV_02	343.18	31.59	-161.27	24.38	24.38	0.632
2078	1	R100x35-119	SLV_02	201.10	15.19	91.20	21.24	21.24	0.571
2079	1	R100x35-119	SLV_01	245.79	12.55	-88.51	21.24	21.24	0.584
	2	R100x35-132	SLV_02	241.64	-81.72	-214.07	40.09	21.24	0.713
2080	1	R50x80-57	SLV_02	418.47	37.87	-94.95	15.71	15.71	0.820
2081	1	R50x80-56	SLV_02	387.61	-27.62	39.89	9.42	15.71	0.650
	2	R50x80-57	SLV_02	387.61	34.31	-42.00	15.71	15.71	0.672
	1	R50x80-65	SLV_02	480.78	49.56	-124.70	18.85	18.85	0.855
2082	2	R50x80-66	SLV_02	480.78	16.93	-61.75	18.85	12.57	0.585
	3	R50x80-65	SLV_02	480.78	-32.20	-8.36	18.85	18.85	0.571
2083	1	R50x80-65	SLV_02	462.15	34.20	-53.77	18.85	18.85	0.653
2084	1	R50x80-65	SLV_02	387.80	34.20	-41.72	18.85	18.85	0.572
	2	R50x80-67	SLV_02	387.80	-27.41	39.59	12.57	18.85	0.562
2085	1	R50x80-65	SLV_02	417.47	38.35	-94.41	18.85	18.85	0.698
2086	1	R50x80-65	SLV_02	460.55	33.79	-51.13	18.85	18.85	0.646
	1	R50x80-65	SLV_02	477.14	-31.82	-7.89	18.85	18.85	0.565
2087	2	R50x80-66	SLV_02	477.14	17.24	-62.98	18.85	12.57	0.588
	3	R50x80-65	SLV_02	477.14	49.81	-127.02	18.85	18.85	0.856
2088	1	R50x35-14	SLV_02	18.16	6.84	-41.44	6.28	6.28	0.720
2093	1	R50x35-15	SLV_02	7.43	6.57	48.49	9.42	9.42	0.551
2098	1	R50x35-15	SLV_02	10.34	5.88	46.33	9.42	9.42	0.529
2103	1	R50x35-15	SLV_02	7.24	-5.60	43.94	9.42	9.42	0.499
2108	1	R50x35-15	SLV_02	7.88	-5.38	43.25	9.42	9.42	0.491
2113	1	R50x35-15	SLV_02	12.41	-8.22	35.41	9.42	9.42	0.433
2118	1	R50x35-15	SLV_02	12.14	8.16	34.21	9.42	9.42	0.418
2123	1	R50x35-15	SLV_02	7.40	-5.29	42.29	9.42	9.42	0.480
2128	1	R50x35-15	SLV_02	6.49	-5.68	42.44	9.42	9.42	0.483
2133	1	R50x35-15	SLV_02	10.11	-5.87	44.13	9.42	9.42	0.506
2138	1	R50x35-15	SLV_02	7.40	-6.55	45.59	9.42	9.42	0.522
2143	1	R50x35-14	SLV_02	18.79	7.33	-39.52	6.28	6.28	0.695
2148	1	R100x35-67	SLV_01	20.52	31.48	-176.44	35.19	15.71	0.558
	2	R100x35-140	SLV_01	20.52	-30.28	62.01	22.62	15.71	0.467
2149	1	R100x35-70	SLV_02	34.35	-20.50	74.28	22.62	21.99	0.391
	2	R100x35-66	SLV_01	31.62	30.63	-166.43	35.19	15.71	0.532
2150	1	R100x35-67	SLV_01	23.08	34.02	-186.33	35.19	15.71	0.591
	2	R100x35-140	SLV_01	23.08	-31.83	60.76	22.62	15.71	0.464
2151	1	R100x35-70	SLV_02	17.98	-22.80	74.44	22.62	21.99	0.387
	2	R100x35-66	SLV_01	25.59	30.54	-159.07	35.19	15.71	0.509
2152	1	R50x80-65	SLV_02	342.70	-26.12	-195.58	18.85	18.85	0.723
2153	1	R50x80-65	SLV_02	352.55	24.08	-105.59	18.85	18.85	0.585
2154	1	R50x80-82	SLV_02	350.31	27.68	-134.05	18.10	18.10	0.651
2155	1	R50x80-82	SLV_02	345.45	-25.99	-98.37	18.10	18.10	0.583
2156	1	R50x80-82	SLV_02	348.01	-25.66	-97.49	18.10	18.10	0.582
2157	1	R50x80-82	SLV_02	352.79	27.43	-133.39	18.10	18.10	0.651
2158	1	R50x80-65	SLV_02	353.06	23.87	-102.92	18.85	18.85	0.580
2159	1	R50x80-65	SLV_02	343.02	-26.23	-195.87	18.85	18.85	0.724
2160	1	R50x35-15	SLV_02	15.58	-11.08	27.28	9.42	9.42	0.369
2165	1	R50x35-15	SLV_02	3.62	-9.54	26.24	9.42	9.42	0.332

2170	1	R50x35-15	SLV_02	0.40	-10.62	25.33	9.42	9.42	0.323
2175	1	R50x35-15	SLV_02	-1.73	-10.51	25.64	9.42	9.42	0.323
2180	1	R50x35-15	SLV_02	-4.27	12.59	22.19	9.42	9.42	0.292
2185	1	R50x35-15	SLV_02	-4.36	-12.27	21.33	9.42	9.42	0.281
2190	1	R50x35-15	SLV_02	-0.31	-10.45	25.80	9.42	9.42	0.326
2195	1	R50x35-15	SLV_02	1.59	-10.42	26.56	9.42	9.42	0.337
2200	1	R50x35-15	SLV_02	3.33	-9.93	25.16	9.42	9.42	0.322
2205	1	R50x35-15	SLV_02	15.32	11.10	26.30	9.42	9.42	0.356
2210	1	R50x35-15	SLV_02	64.77	-10.41	-25.60	9.42	9.42	0.417
2215	1	R50x35-15	SLV_02	72.16	10.35	-27.14	9.42	9.42	0.447
2220	1	R100x35-102	SLV_02	35.58	33.09	-178.37	31.42	12.57	0.636
	2	R100x35-103	SLV_01	53.34	-13.01	94.21	18.85	18.85	0.555
2223	1	R80x30-31	SLV_02	227.58	-34.26	-25.93	15.71	15.71	0.511
2224	1	R100x35-104	SLV_01	43.91	-24.17	64.73	18.85	12.57	0.602
	2	R100x35-102	SLV_02	28.93	39.26	-186.24	31.42	12.57	0.669
2225	1	R100x35-102	SLV_02	25.15	35.78	-169.00	31.42	12.57	0.607
	2	R100x35-104	SLV_02	25.15	-31.45	57.89	18.85	12.57	0.550
2226	1	R100x30-85	SLV_02	67.10	-50.08	-49.58	21.24	21.24	0.410
2228	1	R100x35-103	SLV_01	46.88	-11.30	85.46	18.85	18.85	0.501
	2	R100x35-102	SLV_02	32.55	33.45	-164.21	31.42	12.57	0.590
2229	1	R100x35-114	SLV_01	59.53	28.92	-140.81	25.13	12.57	0.642
	2	R100x35-113	SLV_01	59.53	-21.89	48.11	12.57	12.57	0.487
2230	1	R100x35-115	SLV_01	61.66	-11.65	69.74	12.57	18.85	0.433
	2	R100x35-114	SLV_01	61.66	-25.69	-133.21	25.13	12.57	0.599
2231	1	R100x35-93	SLV_02	134.38	38.83	-193.54	36.95	18.10	0.625
	2	R100x35-95	SLV_02	134.38	-18.37	104.20	18.10	24.38	0.526
2232	1	R100x35-79	SLV_02	118.56	-35.02	69.85	18.10	18.10	0.535
	2	R100x35-93	SLV_02	118.56	41.64	-214.63	36.95	18.10	0.681
2233	1	R100x35-108	SLV_02	96.15	38.18	-183.57	34.56	15.71	0.627
	2	R100x35-106	SLV_02	96.15	-37.50	62.95	15.71	15.71	0.567
2234	1	R100x35-109	SLV_02	96.45	-16.06	92.20	15.71	21.99	0.503
	2	R100x35-108	SLV_02	96.45	35.73	-176.96	34.56	15.71	0.604
2235	1	R100x35-110	SLV_02	113.16	-31.88	-104.06	21.99	15.71	0.595
	2	R100x35-106	SLV_02	113.16	27.53	59.52	15.71	15.71	0.529
2236	1	R100x35-106	SLV_02	140.57	-23.85	61.36	15.71	15.71	0.561
	2	R100x35-110	SLV_02	140.57	-33.69	-138.75	21.99	15.71	0.770
2237	1	L80x145-31	SLV_02	120.80	0.59	-312.76	22.62	27.14	0.350
2238	1	L80x145-36	SLV_02	107.32	27.84	-124.85	22.62	40.72	0.210
	2	L80x145-37	SLV_02	107.32	88.30	42.06	13.57	40.72	0.373
	3	L80x145-39	SLV_02	107.32	119.07	-92.75	26.14	40.72	0.471
2239	1	L80x145-38	SLV_02	98.94	66.22	-171.58	26.14	40.72	0.314
	2	L80x145-37	SLV_02	98.94	84.30	119.09	13.57	40.72	0.347
2240	1	L80x145-32	SLV_02	99.37	54.58	220.20	26.14	39.71	0.266
	2	L80x145-33	SLV_01	73.82	-1.68	-150.29	26.14	39.71	0.153
	3	L80x145-34	SLV_01	73.82	-25.28	-413.48	35.19	39.71	0.272
2241	1	R100x35-99	SLV_02	129.48	39.76	-138.94	21.99	15.71	0.777
	2	R100x35-98	SLV_02	129.48	-27.11	42.90	15.71	15.71	0.448
2242	1	R100x35-98	SLV_02	140.39	-13.44	64.70	15.71	15.71	0.557
	2	R100x35-99	SLV_02	140.39	32.92	-120.19	21.99	15.71	0.688

2243	1	R100x35-93	SLV_02	148.24	38.73	-207.90	36.95	18.10	0.668
	2	R100x35-79	SLV_02	148.24	-33.29	74.12	18.10	18.10	0.574
2244	1	R100x35-95	SLV_02	147.50	-15.56	101.45	18.10	24.38	0.517
	2	R100x35-93	SLV_02	147.50	36.11	-197.28	36.95	18.10	0.635
2245	1	R120x35-11	SLV_02	140.75	34.96	-109.37	21.24	21.24	0.644
2246	1	R120x35-11	SLV_02	139.71	-11.04	55.92	21.24	21.24	0.361
	2	R120x35-13	SLV_02	139.71	55.81	-119.76	40.09	21.24	0.403
2247	1	R50x35-14	SLV_02	29.68	-7.00	17.28	6.28	6.28	0.373
2252	1	R50x35-14	SLV_02	23.85	-6.57	17.09	6.28	6.28	0.356
2257	1	R50x35-14	SLV_02	18.89	-6.40	18.39	6.28	6.28	0.365
2262	1	R50x35-14	SLV_02	19.77	-6.47	18.82	6.28	6.28	0.374
2267	1	R50x35-15	SLV_02	26.33	6.77	18.49	9.42	9.42	0.267
2272	1	R80x35-13	SLV_02	15.37	-7.76	26.44	12.57	12.57	0.248
2277	1	R80x35-13	SLV_02	-4.27	6.73	26.71	12.57	12.57	0.223
2282	1	L80x145-16	SLV_02	32.59	-33.95	188.19	22.62	22.62	0.405
2287	1	R50x35-14	SLV_02	23.70	-7.26	16.62	6.28	6.28	0.353
2292	1	R50x35-14	SLV_02	27.89	6.56	17.13	6.28	6.28	0.363
2297	1	R50x35-15	SLV_02	46.45	5.07	-16.69	9.42	9.42	0.270
2302	1	R50x35-15	SLV_02	45.80	5.97	-16.59	9.42	9.42	0.274
	1	R50x60-10	SLV_02	79.73	10.83	-127.04	12.57	6.28	0.649
2307	2	R50x60-11	SLV_02	79.73	-2.08	57.40	12.57	12.57	0.324
	3	R50x60-12	SLV_02	79.73	-9.76	133.33	6.28	12.57	0.672
2308	1	R50x60-11	SLV_02	112.33	13.98	125.42	12.57	12.57	0.684
2309	1	R50x60-11	SLV_02	78.17	9.66	-106.47	12.57	12.57	0.556
	2	R50x60-12	SLV_02	78.17	-8.72	100.00	6.28	12.57	0.528
2310	1	R50x60-11	SLV_02	109.69	13.17	-94.14	12.57	12.57	0.551
2311	1	R100x35-92	SLV_02	132.02	-8.09	83.23	18.10	18.10	0.558
2312	1	R100x35-92	SLV_02	156.33	13.24	-68.88	18.10	18.10	0.513
	2	R100x35-93	SLV_02	156.33	45.56	-189.07	36.95	18.10	0.629
	1	R50x80-70	SLV_02	303.31	-29.84	-105.05	21.99	15.71	0.518
2313	2	R50x80-71	SLV_02	303.31	11.23	-49.35	15.71	9.42	0.468
	3	R50x80-69	SLV_02	303.31	17.33	7.40	15.71	15.71	0.418
2314	1	R50x80-69	SLV_02	303.08	14.75	7.40	15.71	15.71	0.395
	2	R50x80-70	SLV_02	303.08	-21.21	-45.97	21.99	15.71	0.405
2315	1	R50x80-57	SLV_02	282.12	-20.39	-74.98	15.71	15.71	0.543
2316	1	R50x80-56	SLV_02	270.05	15.53	34.20	9.42	15.71	0.437
	2	R50x80-57	SLV_02	270.05	-20.96	-37.76	15.71	15.71	0.467
2317	1	R50x80-57	SLV_02	241.69	16.87	38.52	15.71	15.71	0.415
2318	1	R50x80-56	SLV_02	249.13	10.33	53.64	9.42	15.71	0.420
	2	R50x80-58	SLV_02	249.13	15.19	-76.49	15.71	9.42	0.496
2319	1	R50x80-57	SLV_02	269.08	-20.57	-37.86	15.71	15.71	0.464
	2	R50x80-56	SLV_02	269.08	15.49	33.97	9.42	15.71	0.435
2320	1	R50x80-57	SLV_02	281.70	-20.23	-75.43	15.71	15.71	0.542
2321	1	R50x80-65	SLV_02	302.15	-20.59	-40.86	18.85	18.85	0.426
2322	1	R50x80-65	SLV_02	299.77	15.61	5.22	18.85	18.85	0.324
	2	R50x80-66	SLV_02	299.77	-27.61	-92.66	18.85	12.57	0.562
2323	1	L80x145-40	SLV_01	39.95	-18.96	-345.88	35.19	39.71	0.223
	2	L80x145-41	SLV_02	32.14	44.79	175.81	24.76	39.71	0.191
2324	1	L80x145-47	SLV_01	50.65	68.07	99.78	12.19	36.19	0.355

2324	2	L80x145-43	SLV_02	28.19	51.53	-117.10	24.76	36.19	0.260
	1	L80x145-44	SLV_02	70.34	96.57	316.93	24.76	36.19	0.491
2325	2	L80x145-42	SLV_02	70.34	77.72	101.20	12.19	36.19	0.420
	3	L80x145-45	SLV_01	134.81	45.34	20.28	12.19	36.19	0.320
2326	1	L80x145-46	SLV_01	195.63	32.25	23.95	24.76	39.71	0.242
2327	1	L80x145-30	SLV_01	46.78	10.85	7.05	22.62	22.62	0.099
2332	1	R100x30-69	SLV_02	26.18	18.50	-126.79	28.27	15.71	0.590
	2	R100x30-70	SLV_01	36.48	-7.36	64.69	15.71	15.71	0.538
2333	1	R100x30-70	SLV_02	21.08	-17.37	44.04	15.71	15.71	0.393
	2	R100x30-69	SLV_02	21.08	23.35	-129.53	28.27	15.71	0.608
2334	1	R100x30-69	SLV_02	11.26	20.56	-129.25	28.27	15.71	0.597
	2	R100x30-70	SLV_02	11.26	18.68	43.68	15.71	15.71	0.382
2335	1	R100x30-70	SLV_02	12.96	-8.76	64.49	15.71	15.71	0.521
	2	R100x30-69	SLV_02	12.96	20.48	-126.77	28.27	15.71	0.587
2336	1	R100x30-69	SLV_02	22.91	18.46	-128.67	28.27	15.71	0.596
	2	R100x30-70	SLV_02	22.91	-8.55	64.66	15.71	15.71	0.530
2337	1	R100x30-70	SLV_02	18.30	-16.72	44.34	15.71	15.71	0.391
	2	R100x30-69	SLV_02	18.30	19.84	-129.31	28.27	15.71	0.599
2338	1	R100x30-69	SLV_02	15.94	23.96	-129.82	28.27	15.71	0.608
	2	R100x30-70	SLV_01	26.43	-12.87	45.12	15.71	15.71	0.397
2339	1	R100x30-70	SLV_01	32.22	-7.36	65.10	15.71	15.71	0.537
	2	R100x30-69	SLV_02	21.75	19.41	-127.66	28.27	15.71	0.593
2340	1	R100x30-100	SLV_02	63.20	20.41	-116.07	25.13	12.57	0.632
	2	R100x30-107	SLV_01	68.34	-6.31	61.17	12.57	18.85	0.450
2341	1	R100x30-102	SLV_02	58.92	-17.43	40.93	12.57	12.57	0.491
	2	R100x30-101	SLV_02	58.92	22.41	-125.80	25.13	12.57	0.679
2342	1	R100x30-100	SLV_02	48.89	20.55	-122.18	25.13	12.57	0.652
	2	R100x30-99	SLV_02	48.89	-18.29	41.28	12.57	12.57	0.487
2343	1	R100x30-107	SLV_02	48.31	-8.78	60.57	12.57	18.85	0.437
	2	R100x30-100	SLV_02	48.31	19.12	-118.63	25.13	12.57	0.632
2344	1	R100x30-104	SLV_02	32.41	20.39	-58.76	18.85	12.57	0.443
	2	R100x30-99	SLV_02	32.41	-17.67	41.25	12.57	12.57	0.468
2345	1	R100x30-99	SLV_02	31.34	-17.72	40.97	12.57	12.57	0.464
	2	R100x30-104	SLV_02	31.34	20.91	-54.95	18.85	12.57	0.419
2346	1	R100x30-100	SLV_02	48.31	18.23	-121.08	25.13	12.57	0.642
	2	R100x30-107	SLV_01	51.01	-6.53	60.96	12.57	18.85	0.435
2347	1	R100x30-99	SLV_02	50.06	-17.19	41.47	12.57	12.57	0.487
	2	R100x30-100	SLV_01	51.85	14.30	-123.91	25.13	12.57	0.652
2348	1	R100x30-101	SLV_02	48.11	-24.44	-125.22	25.13	12.57	0.671
	2	R100x30-102	SLV_02	48.11	-18.11	41.45	12.57	12.57	0.487
2349	1	R100x30-107	SLV_01	59.11	-6.50	61.43	12.57	18.85	0.445
	2	R100x30-100	SLV_02	52.13	20.83	-116.64	25.13	12.57	0.628
2350	1	R100x30-69	SLV_02	73.73	21.23	-130.27	28.27	15.71	0.630
	2	R100x30-70	SLV_02	73.73	-16.81	45.67	15.71	15.71	0.450
2351	1	R100x30-70	SLV_02	71.99	-8.39	62.53	15.71	15.71	0.553
	2	R100x30-69	SLV_02	71.99	19.10	-124.28	28.27	15.71	0.599
2352	1	R100x30-69	SLV_02	73.11	19.25	-124.49	28.27	15.71	0.601
	2	R100x30-70	SLV_02	73.11	-8.11	62.45	15.71	15.71	0.553
2353	1	R100x30-70	SLV_02	75.54	-16.32	45.60	15.71	15.71	0.450

2353	2	R100x30-69	SLV_02	75.54	20.85	-130.62	28.27	15.71	0.631
2354	1	R50x30-21	SLV_02	15.33	-3.39	9.72	6.28	6.28	0.238
2359	1	R50x30-21	SLV_02	12.48	-3.21	9.75	6.28	6.28	0.232
2364	1	R50x30-21	SLV_02	12.04	-3.22	10.41	6.28	6.28	0.243
2369	1	R50x30-21	SLV_02	12.60	-3.42	10.59	6.28	6.28	0.249
2374	1	R50x30-21	SLV_02	16.41	-3.66	10.50	6.28	6.28	0.257
2379	1	R50x30-21	SLV_02	14.44	-3.17	10.16	6.28	6.28	0.243
2384	1	R50x30-21	SLV_02	11.78	-3.02	11.10	6.28	6.28	0.254
2389	1	R50x30-21	SLV_02	11.19	-3.13	11.91	6.28	6.28	0.269
2394	1	R50x30-21	SLV_02	11.82	-3.33	10.01	6.28	6.28	0.236
2399	1	R50x30-21	SLV_02	15.21	-3.53	9.73	6.28	6.28	0.239
2404	1	R50x30-21	SLV_02	24.51	3.28	-9.06	6.28	6.28	0.245
2409	1	R50x30-21	SLV_02	23.81	-3.30	-9.37	6.28	6.28	0.248
	1	R50x60-10	SLV_02	61.96	-7.16	-100.20	12.57	6.28	0.500
2414	2	R50x60-11	SLV_02	61.96	1.26	41.88	12.57	12.57	0.238
	3	R50x60-12	SLV_02	61.96	6.25	94.50	6.28	12.57	0.474
2415	1	R50x60-11	SLV_02	79.38	8.69	-94.43	12.57	12.57	0.503
	1	R50x60-10	SLV_02	61.10	6.96	-102.36	12.57	6.28	0.514
2416	2	R50x60-11	SLV_02	61.10	-1.22	42.07	12.57	12.57	0.238
	3	R50x60-12	SLV_02	61.10	-6.05	96.27	6.28	12.57	0.484
2417	1	R50x60-11	SLV_02	78.40	-8.91	-91.32	12.57	12.57	0.489
2418	1	R100x30-67	SLV_02	63.24	14.06	-51.65	15.71	15.71	0.479
	1	R100x30-67	SLV_02	79.87	7.68	-38.07	15.71	15.71	0.373
2419	2	R100x30-82	SLV_02	79.87	24.99	-109.17	21.99	15.71	0.700
	1	R100x30-82	SLV_02	70.07	25.34	-108.28	21.99	15.71	0.690
2420	2	R100x30-67	SLV_02	70.07	7.73	-37.61	15.71	15.71	0.362
2421	1	R100x30-67	SLV_02	57.07	15.25	-51.69	15.71	15.71	0.478
	1	R50x80-84	SLV_02	172.56	-19.82	-69.19	21.99	9.42	0.327
2422	2	R50x80-71	SLV_02	172.56	7.91	-33.92	15.71	9.42	0.295
	3	R50x80-69	SLV_02	172.56	10.79	3.88	15.71	15.71	0.245
	1	R50x80-69	SLV_02	176.13	9.48	3.88	15.71	15.71	0.237
2423	2	R50x80-70	SLV_02	176.13	-14.76	-29.41	21.99	15.71	0.252
2424	1	R50x80-57	SLV_02	164.36	-13.29	-48.82	15.71	15.71	0.333
	1	R50x80-56	SLV_02	157.01	9.59	21.11	9.42	15.71	0.262
2425	2	R50x80-57	SLV_02	157.01	-13.95	-21.23	15.71	15.71	0.280
	1	R50x80-69	SLV_02	159.05	-13.81	-21.55	15.71	15.71	0.291
2426	2	R50x80-68	SLV_02	159.05	9.68	21.04	9.42	15.71	0.269
2427	1	R50x80-69	SLV_02	166.79	-13.45	-48.99	15.71	15.71	0.344
2428	1	R50x80-69	SLV_02	172.82	-14.89	-26.93	15.71	15.71	0.322
	1	R50x80-69	SLV_02	167.02	10.96	4.12	15.71	15.71	0.243
2429	2	R50x80-71	SLV_02	167.02	7.76	-34.97	15.71	9.42	0.291
	3	R50x80-84	SLV_02	167.02	-19.69	-71.02	21.99	9.42	0.323
	1	R100x30-69	SLV_02	25.26	13.05	-126.83	28.27	15.71	0.580
2430	2	R100x30-70	SLV_01	32.26	-4.86	65.30	15.71	15.71	0.532
	3	R100x30-69	SLV_02	19.44	14.70	-127.69	28.27	15.71	0.584
	1	R100x30-69	SLV_02	12.79	15.23	-127.70	28.27	15.71	0.582
2432	2	R100x30-70	SLV_02	12.79	13.09	44.34	15.71	15.71	0.376
	1	R100x30-70	SLV_01	19.94	-4.99	65.26	15.71	15.71	0.522
2433	2	R100x30-69	SLV_02	14.36	13.95	-126.84	28.27	15.71	0.577

2434	1	R100x30-69	SLV_02	14.64	14.05	-126.96	28.27	15.71	0.577
	2	R100x30-70	SLV_01	20.64	-5.04	65.33	15.71	15.71	0.523
2435	1	R100x30-70	SLV_01	17.36	-8.96	44.99	15.71	15.71	0.378
	2	R100x30-69	SLV_02	13.36	15.19	-127.49	28.27	15.71	0.581
2436	1	R100x30-69	SLV_02	18.39	15.43	-127.90	28.27	15.71	0.585
	2	R100x30-70	SLV_02	18.39	-11.77	45.09	15.71	15.71	0.387
2437	1	R100x30-70	SLV_01	31.20	-4.95	65.34	15.71	15.71	0.532
	2	R100x30-69	SLV_02	23.17	13.20	-127.26	28.27	15.71	0.581
	1	R100x30-100	SLV_01	43.77	10.45	-117.86	25.13	12.57	0.610
2438	2	R100x30-107	SLV_01	43.77	-4.58	61.64	12.57	18.85	0.430
	3	R100x30-100	SLV_01	40.60	9.63	-123.93	25.13	12.57	0.636
	1	R100x30-100	SLV_01	31.70	11.87	-122.04	25.13	12.57	0.625
2440	2	R100x30-99	SLV_01	31.70	-10.94	42.67	12.57	12.57	0.461
	1	R100x30-107	SLV_01	31.02	-5.10	61.49	12.57	18.85	0.422
2441	2	R100x30-100	SLV_01	31.02	11.86	-119.57	25.13	12.57	0.613
2442	1	R100x30-99	SLV_02	10.67	19.22	-68.18	12.57	12.57	0.702
2443	1	R100x30-99	SLV_02	10.42	19.26	-68.17	12.57	12.57	0.701
	1	R100x30-100	SLV_01	31.00	12.17	-119.85	25.13	12.57	0.615
2444	2	R100x30-107	SLV_01	31.00	-5.18	61.58	12.57	18.85	0.423
	1	R100x30-99	SLV_01	31.45	-11.15	42.86	12.57	12.57	0.464
2445	2	R100x30-100	SLV_01	31.45	12.07	-121.92	25.13	12.57	0.625
	1	R100x30-100	SLV_01	40.48	9.96	-123.86	25.13	12.57	0.637
2446	2	R100x30-99	SLV_01	40.48	-8.41	43.01	12.57	12.57	0.466
	1	R100x30-107	SLV_01	43.93	-4.67	61.71	12.57	18.85	0.431
2447	2	R100x30-100	SLV_01	43.93	10.97	-118.34	25.13	12.57	0.614
	1	R100x30-101	SLV_01	41.95	11.52	-128.31	25.13	12.57	0.661
2448	2	R100x30-102	SLV_01	41.95	-10.26	46.23	12.57	12.57	0.503
	1	R100x30-103	SLV_02	34.75	-6.89	62.34	12.57	18.85	0.434
2449	2	R100x30-101	SLV_02	34.75	15.32	-124.49	25.13	12.57	0.645
	1	R100x30-101	SLV_02	33.65	15.42	-124.56	25.13	12.57	0.644
2450	2	R100x30-103	SLV_02	33.65	-6.86	62.45	12.57	18.85	0.434
	1	R100x30-102	SLV_02	35.81	-14.27	45.68	12.57	12.57	0.503
2451	2	R100x30-101	SLV_01	41.21	11.78	-128.39	25.13	12.57	0.662
2452	1	R50x30-21	SLV_02	12.86	2.13	6.28	6.28	6.28	0.159
2457	1	R50x30-21	SLV_02	12.79	1.92	6.33	6.28	6.28	0.158
2462	1	R50x30-21	SLV_02	13.99	1.95	6.79	6.28	6.28	0.170
2467	1	R50x30-21	SLV_02	13.87	-2.07	6.98	6.28	6.28	0.174
2472	1	R50x30-21	SLV_02	14.43	-2.52	7.12	6.28	6.28	0.181
2477	1	R50x30-21	SLV_02	14.45	-2.51	6.93	6.28	6.28	0.178
2482	1	R50x30-21	SLV_02	13.97	-2.17	7.04	6.28	6.28	0.176
2487	1	R50x30-21	SLV_02	13.72	-2.00	6.35	6.28	6.28	0.162
2492	1	R50x30-21	SLV_02	12.44	-1.97	6.38	6.28	6.28	0.159
2497	1	R50x30-21	SLV_02	13.18	-2.17	6.27	6.28	6.28	0.160
2502	1	R50x30-21	SLV_02	12.48	2.36	-5.19	6.28	6.28	0.140
2507	1	R50x30-21	SLV_02	12.99	-2.29	-5.32	6.28	6.28	0.143
	1	R50x60-10	SLV_02	44.65	-5.62	-88.56	12.57	6.28	0.430
2512	2	R50x60-11	SLV_02	44.65	0.93	40.56	12.57	12.57	0.214
	3	R50x60-12	SLV_02	44.65	4.83	97.25	6.28	12.57	0.463
2513	1	R50x60-11	SLV_02	55.76	-5.92	92.11	12.57	12.57	0.458

2514	1	R50x60-10	SLV_02	43.68	5.74	-89.66	12.57	6.28	0.438
	2	R50x60-11	SLV_02	43.68	-0.97	40.10	12.57	12.57	0.212
	3	R50x60-12	SLV_02	43.68	-4.97	97.43	6.28	12.57	0.467
2515	1	R50x60-11	SLV_02	53.92	6.18	92.15	12.57	12.57	0.456
2516	1	R100x30-99	SLV_01	37.69	8.00	-52.68	12.57	12.57	0.553
2517	1	R100x30-99	SLV_01	46.57	-3.48	-35.88	12.57	12.57	0.392
	2	R100x30-100	SLV_01	46.57	9.70	-106.05	25.13	12.57	0.554
2518	1	R100x30-100	SLV_01	45.23	9.78	-105.78	25.13	12.57	0.552
	2	R100x30-99	SLV_01	45.23	-3.63	-35.72	12.57	12.57	0.390
2519	1	R100x30-99	SLV_01	36.28	8.45	-52.94	12.57	12.57	0.555
2520	1	R50x80-84	SLV_02	73.00	-12.61	-51.40	21.99	9.42	0.182
	2	R50x80-71	SLV_02	73.00	4.71	-21.22	15.71	9.42	0.147
	3	R50x80-69	SLV_02	73.00	7.95	6.16	15.71	15.71	0.137
2521	1	R50x80-70	SLV_02	73.80	7.94	6.16	21.99	15.71	0.127
	2	R50x80-69	SLV_02	73.80	-11.03	-27.84	15.71	15.71	0.193
2522	1	R50x80-57	SLV_02	70.66	-10.16	-41.31	15.71	15.71	0.204
2523	1	R50x80-56	SLV_02	65.20	8.53	18.86	9.42	15.71	0.158
	2	R50x80-57	SLV_02	65.20	-11.07	-28.25	15.71	15.71	0.180
2524	1	R50x80-69	SLV_02	65.23	-10.97	-28.42	15.71	15.71	0.184
	2	R50x80-68	SLV_02	65.23	8.56	18.83	9.42	15.71	0.161
2525	1	R50x80-69	SLV_02	70.03	-10.17	-41.37	15.71	15.71	0.207
2526	1	R50x80-69	SLV_02	70.66	-11.31	-26.61	15.71	15.71	0.189
	2	R50x80-70	SLV_02	70.66	8.03	6.34	21.99	15.71	0.125
2527	1	R50x80-69	SLV_02	68.44	8.15	6.34	15.71	15.71	0.133
	2	R50x80-71	SLV_02	68.44	4.74	-21.57	15.71	9.42	0.143
	3	R50x80-84	SLV_02	68.44	-12.78	-52.06	21.99	9.42	0.180
2535	1	R80x30-19	SLV_01	149.56	17.94	-115.87	28.90	15.71	0.598
	2	R80x30-20	SLV_01	149.56	-8.11	58.88	22.62	21.99	0.436
2536	1	R80x30-17	SLV_02	150.97	-21.19	42.99	22.62	15.71	0.522
	2	R80x30-19	SLV_01	138.47	18.76	-121.99	28.90	15.71	0.621
2537	1	R80x30-19	SLV_02	166.59	26.31	-111.29	28.90	15.71	0.605
	2	R80x30-17	SLV_02	166.59	-20.64	42.86	22.62	15.71	0.532
2538	1	R80x30-17	SLV_02	153.87	-12.12	58.60	22.62	15.71	0.613
	2	R80x30-19	SLV_01	100.28	14.43	-117.14	28.90	15.71	0.574
2539	1	R80x30-19	SLV_01	109.31	14.80	-117.26	28.90	15.71	0.580
	2	R80x30-17	SLV_02	155.28	-11.92	58.73	22.62	15.71	0.615
2540	1	R80x30-17	SLV_02	166.52	-20.70	43.14	22.62	15.71	0.534
	2	R80x30-19	SLV_02	166.52	25.87	-110.90	28.90	15.71	0.603
2541	1	R80x30-19	SLV_01	136.31	18.43	-121.87	28.90	15.71	0.619
	2	R80x30-17	SLV_02	146.07	-20.79	44.95	22.62	15.71	0.531
2542	1	R80x30-20	SLV_01	147.37	-7.94	59.40	22.62	21.99	0.437
	2	R80x30-19	SLV_01	147.37	16.95	-116.96	28.90	15.71	0.600
2543	1	R100x30-117	SLV_01	34.21	24.59	-138.35	30.66	12.57	0.609
	2	R100x30-115	SLV_02	28.17	-14.07	72.90	18.10	25.13	0.394
	3	R100x30-118	SLV_02	28.17	-21.40	74.33	24.38	25.13	0.414
2544	1	R100x30-113	SLV_01	32.90	24.71	57.61	24.38	18.85	0.435
	2	R100x30-114	SLV_01	32.90	7.65	-58.19	24.38	12.57	0.321
	3	R100x30-112	SLV_01	-29.11	25.66	-159.00	36.95	12.57	0.609
	1	R100x30-112	SLV_01	-12.39	22.40	-151.89	36.95	12.57	0.576

2545	2	R100x30-114	SLV_01	17.53	6.61	-53.52	24.38	12.57	0.288
	3	R100x30-113	SLV_01	17.53	-20.82	58.21	24.38	18.85	0.422
	1	R100x30-118	SLV_02	31.06	-20.08	73.39	24.38	25.13	0.408
2546	2	R100x30-115	SLV_02	31.06	-13.55	72.00	18.10	25.13	0.390
	3	R100x30-112	SLV_01	-13.69	18.27	-145.74	36.95	12.57	0.547
	1	R100x30-114	SLV_02	29.17	41.77	-103.16	24.38	12.57	0.602
2547	2	R100x30-110	SLV_02	29.17	-13.86	38.33	18.10	12.57	0.424
	3	R100x30-116	SLV_02	29.17	-35.62	64.34	18.10	18.85	0.502
	1	R100x30-116	SLV_02	28.91	-35.50	64.37	18.10	18.85	0.502
2548	2	R100x30-110	SLV_02	28.91	-14.09	38.46	18.10	12.57	0.425
	3	R100x30-114	SLV_02	28.91	40.78	-102.15	24.38	12.57	0.595
	1	R100x30-112	SLV_01	-16.09	18.77	-145.33	36.95	12.57	0.547
2549	2	R100x30-115	SLV_02	30.81	-13.21	71.99	18.10	25.13	0.389
	3	R100x30-118	SLV_02	30.81	-19.64	73.46	24.38	25.13	0.407
	1	R100x30-113	SLV_01	18.14	-21.60	58.15	24.38	18.85	0.424
2550	2	R100x30-114	SLV_01	18.14	6.84	-53.34	24.38	12.57	0.287
	3	R100x30-112	SLV_01	-14.24	23.00	-151.65	36.95	12.57	0.576
	1	R100x30-112	SLV_01	-28.15	25.46	-157.81	36.95	12.57	0.604
2551	2	R100x30-114	SLV_01	33.48	7.86	-56.82	24.38	12.57	0.315
	3	R100x30-113	SLV_01	33.48	23.86	58.26	24.38	18.85	0.439
	1	R100x30-118	SLV_02	29.13	-20.96	74.84	24.38	25.13	0.416
2552	2	R100x30-115	SLV_02	29.13	-13.80	72.94	18.10	25.13	0.394
	3	R100x30-112	SLV_01	-23.25	23.60	-140.03	36.95	12.57	0.537
2553	1	R100x30-67	SLV_01	81.79	24.72	-54.92	15.71	15.71	0.548
	1	R100x30-67	SLV_02	144.78	14.72	-43.71	15.71	15.71	0.493
2554	2	R100x30-82	SLV_02	144.78	34.87	-102.17	21.99	15.71	0.721
	1	R100x30-82	SLV_02	134.00	32.32	-126.35	21.99	15.71	0.842
2555	2	R100x30-67	SLV_02	134.00	27.00	49.20	15.71	15.71	0.549
	1	R100x30-67	SLV_02	124.26	-15.63	58.67	15.71	15.71	0.586
2556	2	R100x30-82	SLV_01	59.76	17.68	-121.31	21.99	15.71	0.738
	1	R100x30-83	SLV_02	83.71	-33.29	-147.09	28.27	15.71	0.725
2557	2	R100x30-67	SLV_02	83.71	13.14	58.84	15.71	15.71	0.543
	3	R100x30-108	SLV_02	83.71	29.75	76.48	15.71	21.99	0.525
	1	R100x30-108	SLV_02	86.34	30.19	76.40	15.71	21.99	0.527
2558	2	R100x30-67	SLV_02	86.34	13.26	58.54	15.71	15.71	0.543
	3	R100x30-83	SLV_02	86.34	-34.03	-148.24	28.27	15.71	0.732
	1	R100x30-82	SLV_01	64.91	18.06	-120.79	21.99	15.71	0.739
2559	2	R100x30-67	SLV_02	124.61	-15.29	59.01	15.71	15.71	0.588
	1	R100x30-67	SLV_02	133.54	27.00	49.72	15.71	15.71	0.553
2560	2	R100x30-82	SLV_02	133.54	31.71	-126.77	21.99	15.71	0.842
	1	R100x30-82	SLV_02	143.19	34.29	-100.54	21.99	15.71	0.710
2561	2	R100x30-67	SLV_02	143.19	14.44	-42.21	15.71	15.71	0.480
2562	1	R100x30-67	SLV_01	83.28	23.34	-56.20	15.71	15.71	0.555
2563	1	R50x30-21	SLV_02	6.62	-5.43	34.02	6.28	6.28	0.689
2568	1	R50x30-19	SLV_02	3.11	-4.29	35.82	9.42	9.42	0.487
2573	1	R50x30-19	SLV_02	3.67	-3.93	34.93	9.42	9.42	0.474
2578	1	R50x30-19	SLV_02	5.40	-3.92	33.36	9.42	9.42	0.456
2583	1	R50x30-19	SLV_02	3.66	-3.66	32.30	9.42	9.42	0.439
2588	1	R50x30-19	SLV_02	4.64	-5.71	26.65	9.42	9.42	0.382

2593	1	R50x30-19	SLV_02	4.59	-5.85	26.07	9.42	9.42	0.375
2598	1	R50x30-19	SLV_02	3.79	-3.62	31.73	9.42	9.42	0.431
2603	1	R50x30-19	SLV_02	5.25	-3.88	32.53	9.42	9.42	0.445
2608	1	R50x30-19	SLV_02	3.58	-3.87	33.07	9.42	9.42	0.450
2613	1	R50x30-19	SLV_02	3.02	-4.26	33.09	9.42	9.42	0.452
2618	1	R50x30-21	SLV_02	6.69	-5.08	31.47	6.28	6.28	0.639
2623	1	R70x30-8	SLV_02	154.89	11.42	-21.06	12.57	12.57	0.418
2624	1	R70x30-8	SLV_02	199.85	11.26	-32.32	12.57	12.57	0.571
2625	1	R70x30-8	SLV_02	202.34	15.45	-50.86	12.57	12.57	0.766
2626	1	R70x30-10	SLV_02	197.55	-18.99	-56.66	12.57	12.57	0.828
2627	1	R70x30-10	SLV_02	184.56	18.40	-36.51	12.57	12.57	0.630
2628	1	R70x30-11	SLV_02	123.88	14.00	-97.50	18.85	12.57	0.762
	2	R70x30-10	SLV_02	123.88	-14.10	49.89	12.57	12.57	0.667
2629	1	R70x30-10	SLV_02	125.00	-14.05	49.89	12.57	12.57	0.667
	2	R70x30-11	SLV_02	125.00	13.98	-97.18	18.85	12.57	0.760
2630	1	R70x30-8	SLV_02	185.21	18.26	-34.80	12.57	12.57	0.611
2631	1	R70x30-8	SLV_02	197.25	-18.72	-56.19	12.57	12.57	0.819
2632	1	R70x30-9	SLV_02	199.35	15.16	-49.35	15.71	15.71	0.604
2633	1	R70x30-9	SLV_02	196.46	11.00	-31.84	15.71	15.71	0.457
2634	1	R70x30-9	SLV_02	152.61	10.95	-22.03	15.71	15.71	0.345
2635	1	R30x90-6	SLV_02	144.78	-3.04	107.45	9.05	9.05	0.609
2638	1	R30x90-5	SLV_02	175.93	-4.05	-46.47	9.05	9.05	0.469
2640	1	R30x90-5	SLV_02	127.89	-3.30	-40.44	9.05	9.05	0.367
2642	1	R80x30-19	SLV_01	162.58	16.57	-117.15	28.90	15.71	0.606
	2	R80x30-17	SLV_01	162.58	-4.86	57.60	22.62	15.71	0.591
	3	R80x30-20	SLV_01	162.58	-7.85	58.49	22.62	21.99	0.440
2643	1	R80x30-17	SLV_02	166.09	20.21	42.72	22.62	15.71	0.529
	2	R80x30-19	SLV_01	146.10	16.79	-124.65	28.90	15.71	0.631
2644	1	R80x30-19	SLV_02	162.73	25.64	-112.36	28.90	15.71	0.607
	2	R80x30-17	SLV_02	162.73	20.75	42.05	22.62	15.71	0.522
2645	1	R80x30-17	SLV_02	142.25	-12.03	57.94	22.62	15.71	0.598
	2	R80x30-19	SLV_01	75.11	13.63	-118.13	28.90	15.71	0.566
2646	1	R80x30-19	SLV_01	93.79	14.77	-118.37	28.90	15.71	0.578
	2	R80x30-17	SLV_02	148.08	-11.34	58.56	22.62	15.71	0.606
2647	1	R80x30-17	SLV_02	163.30	20.15	43.08	22.62	15.71	0.529
	2	R80x30-19	SLV_01	96.36	17.21	-123.85	28.90	15.71	0.608
2648	1	R80x30-19	SLV_01	142.41	16.71	-124.25	28.90	15.71	0.628
	2	R80x30-17	SLV_02	157.61	18.62	45.54	22.62	15.71	0.537
2649	1	R80x30-20	SLV_01	158.95	-7.67	59.12	22.62	21.99	0.441
	2	R80x30-17	SLV_01	158.95	-4.76	57.71	22.62	15.71	0.588
	3	R80x30-19	SLV_01	158.95	16.07	-118.30	28.90	15.71	0.608
2650	1	R100x30-76	SLV_01	28.37	22.54	-133.13	25.13	12.57	0.699
	2	R100x30-77	SLV_02	18.96	-20.34	68.19	12.57	18.85	0.492
2651	1	R100x30-74	SLV_01	30.05	-7.40	-61.23	12.57	12.57	0.621
	2	R100x30-75	SLV_01	30.05	-22.52	-142.62	25.13	12.57	0.743
2652	1	R100x30-79	SLV_01	12.32	22.43	-154.58	31.42	12.57	0.646
	2	R100x30-73	SLV_01	12.32	-7.21	-55.66	18.85	12.57	0.375
	3	R100x30-80	SLV_01	12.32	-20.71	58.06	18.85	18.85	0.422
	1	R100x30-80	SLV_02	23.29	-20.14	72.97	18.85	18.85	0.522

2653	2	R100x30-77	SLV_02	23.29	-13.64	71.77	12.57	18.85	0.502
	3	R100x30-79	SLV_01	13.11	18.42	-146.98	31.42	12.57	0.610
	1	R100x30-75	SLV_02	22.26	39.53	-106.33	25.13	12.57	0.602
2654	2	R100x30-74	SLV_02	22.26	18.69	-38.65	12.57	12.57	0.439
	3	R100x30-77	SLV_02	22.26	-33.73	65.27	12.57	18.85	0.507
	1	R100x30-77	SLV_02	22.48	-33.75	65.28	12.57	18.85	0.507
2655	2	R100x30-74	SLV_02	22.48	18.39	-37.92	12.57	12.57	0.431
	3	R100x30-75	SLV_02	22.48	39.15	-105.31	25.13	12.57	0.596
	1	R100x30-79	SLV_01	14.92	19.56	-147.15	31.42	12.57	0.613
2656	2	R100x30-77	SLV_02	23.15	-13.05	72.45	12.57	18.85	0.505
	3	R100x30-81	SLV_02	23.15	-19.26	74.11	18.85	25.13	0.408
	1	R100x30-80	SLV_01	13.35	-22.30	59.10	18.85	18.85	0.432
2657	2	R100x30-73	SLV_01	13.35	-6.26	-55.11	18.85	12.57	0.370
	3	R100x30-79	SLV_01	13.35	21.29	-154.49	31.42	12.57	0.644
	1	R100x30-79	SLV_01	28.28	23.47	-160.01	31.42	12.57	0.675
2658	2	R100x30-73	SLV_01	28.28	-22.23	58.07	18.85	12.57	0.632
	1	R100x30-80	SLV_02	19.12	-20.58	74.03	18.85	18.85	0.527
2659	2	R100x30-77	SLV_02	19.12	-13.90	72.21	12.57	18.85	0.502
	3	R100x30-76	SLV_01	28.39	22.52	-141.37	25.13	12.57	0.739
2660	1	R100x30-67	SLV_01	86.82	20.34	-48.80	15.71	15.71	0.494
2661	1	R100x30-67	SLV_01	85.10	16.12	-95.35	15.71	15.71	0.832
	1	R100x30-82	SLV_02	127.96	33.46	-125.38	21.99	15.71	0.836
2662	2	R100x30-67	SLV_02	127.96	-25.10	47.58	15.71	15.71	0.531
	1	R100x30-67	SLV_02	114.65	-16.76	57.75	15.71	15.71	0.574
2663	2	R100x30-82	SLV_01	56.26	17.28	-121.03	21.99	15.71	0.734
	1	R100x30-83	SLV_02	74.59	30.24	-149.39	28.27	15.71	0.728
2664	2	R100x30-67	SLV_02	74.59	-23.69	78.59	15.71	15.71	0.718
	1	R100x30-67	SLV_02	78.00	-23.62	78.49	15.71	15.71	0.720
2665	2	R100x30-83	SLV_02	78.00	30.45	-150.81	28.27	15.71	0.736
	1	R100x30-82	SLV_01	64.44	18.55	-121.02	21.99	15.71	0.741
2666	2	R100x30-67	SLV_02	115.73	-16.05	58.24	15.71	15.71	0.577
	1	R100x30-67	SLV_02	127.45	-24.58	48.38	15.71	15.71	0.535
2667	2	R100x30-82	SLV_01	75.14	19.18	-134.06	21.99	15.71	0.820
	1	R100x30-82	SLV_01	86.90	18.66	-114.01	21.99	15.71	0.716
2668	2	R100x30-67	SLV_01	86.90	7.73	-52.74	15.71	15.71	0.490
2669	1	R100x30-67	SLV_01	86.70	20.28	-55.86	15.71	15.71	0.547
2670	1	R50x30-21	SLV_02	9.42	5.15	-35.26	6.28	6.28	0.716
2675	1	R50x30-19	SLV_02	6.99	-3.97	39.84	9.42	9.42	0.540
2680	1	R50x30-19	SLV_02	8.38	-3.81	38.57	9.42	9.42	0.525
2685	1	R50x30-19	SLV_02	5.23	-3.84	36.65	9.42	9.42	0.497
2690	1	R50x30-19	SLV_02	5.66	-3.69	35.42	9.42	9.42	0.481
2695	1	R50x30-19	SLV_02	4.95	-5.56	28.92	9.42	9.42	0.410
2700	1	R50x30-19	SLV_02	4.93	-5.63	28.44	9.42	9.42	0.404
2705	1	R50x30-19	SLV_02	6.50	-3.42	34.86	9.42	9.42	0.473
2710	1	R50x30-19	SLV_02	5.54	-3.58	35.80	9.42	9.42	0.485
2715	1	R50x30-19	SLV_02	7.21	-3.56	36.36	9.42	9.42	0.494
2720	1	R50x30-19	SLV_02	7.12	-3.78	36.24	9.42	9.42	0.494
2725	1	R50x30-19	SLV_02	9.37	5.10	-32.07	9.42	9.42	0.452
2730	1	R70x30-8	SLV_02	152.10	10.13	-21.99	12.57	12.57	0.418

2731	1	R70x30-8	SLV_02	197.60	-11.27	-31.71	12.57	12.57	0.561
2732	1	R70x30-8	SLV_02	204.53	16.44	-52.62	12.57	12.57	0.788
2733	1	R70x30-10	SLV_02	194.26	18.59	-57.98	12.57	12.57	0.837
2734	1	R70x30-10	SLV_02	182.13	17.09	-36.47	12.57	12.57	0.621
2735	1	R70x30-11	SLV_02	102.35	13.12	-98.16	18.85	12.57	0.748
	2	R70x30-10	SLV_02	102.35	-11.61	50.37	12.57	12.57	0.637
2736	1	R70x30-10	SLV_02	104.04	-11.48	50.37	12.57	12.57	0.638
	2	R70x30-11	SLV_01	57.00	7.44	-106.78	18.85	12.57	0.752
2737	1	R70x30-8	SLV_02	183.39	16.61	-34.60	12.57	12.57	0.601
2738	1	R70x30-8	SLV_02	192.40	17.91	-57.54	12.57	12.57	0.823
2739	1	R70x30-9	SLV_02	196.37	15.02	-51.19	15.71	15.71	0.615
2740	1	R70x30-9	SLV_02	190.89	9.71	-30.92	15.71	15.71	0.439
2741	1	R70x30-9	SLV_02	147.29	9.54	-21.74	15.71	15.71	0.332
2742	1	R80x30-24	SLV_01	159.69	15.56	-117.51	21.99	15.71	0.786
	2	R80x30-23	SLV_01	159.69	-7.39	59.08	15.71	15.71	0.609
2743	1	R80x30-23	SLV_02	160.94	-18.52	43.74	15.71	15.71	0.536
	2	R80x30-24	SLV_01	139.80	16.03	-126.05	21.99	15.71	0.823
2744	1	R80x30-24	SLV_01	72.60	15.37	-124.77	21.99	15.71	0.776
	2	R80x30-23	SLV_02	140.21	-17.89	42.53	15.71	15.71	0.507
2745	1	R80x30-23	SLV_02	123.03	-10.68	58.39	15.71	15.71	0.586
	2	R80x30-24	SLV_01	67.65	12.46	-118.24	21.99	15.71	0.728
2746	1	R80x30-24	SLV_01	88.79	13.57	-118.58	21.99	15.71	0.745
	2	R80x30-23	SLV_02	130.81	-10.22	59.18	15.71	15.71	0.597
2747	1	R80x30-23	SLV_02	143.57	-17.39	43.85	15.71	15.71	0.518
	2	R80x30-24	SLV_01	89.13	16.00	-125.04	21.99	15.71	0.788
2748	1	R80x30-24	SLV_01	135.14	16.61	-125.46	21.99	15.71	0.819
	2	R80x30-23	SLV_02	152.39	-17.71	46.82	15.71	15.71	0.549
2749	1	R80x30-23	SLV_01	154.03	-7.56	59.71	15.71	15.71	0.610
	2	R80x30-24	SLV_01	154.03	16.14	-118.64	21.99	15.71	0.791
2750	1	R100x30-76	SLV_01	27.48	21.50	-140.01	25.13	12.57	0.730
	2	R100x30-77	SLV_02	20.23	-13.75	73.30	12.57	18.85	0.510
	3	R100x30-80	SLV_02	20.23	-20.19	74.88	18.85	18.85	0.532
2751	1	R100x30-73	SLV_01	28.65	-21.64	58.93	18.85	12.57	0.639
	2	R100x30-79	SLV_01	28.65	22.11	-164.25	31.42	12.57	0.689
2752	1	R100x30-79	SLV_01	12.73	21.29	-156.26	31.42	12.57	0.651
	2	R100x30-73	SLV_01	12.73	-19.65	59.03	18.85	12.57	0.618
2753	1	R100x30-80	SLV_02	24.47	-17.96	73.87	18.85	18.85	0.524
	2	R100x30-77	SLV_02	24.47	-12.13	72.57	12.57	18.85	0.504
	3	R100x30-79	SLV_01	13.02	16.75	-147.15	31.42	12.57	0.607
2754	1	R100x30-75	SLV_02	26.01	32.83	-108.94	25.13	12.57	0.602
	2	R100x30-74	SLV_02	26.01	-27.77	67.47	12.57	12.57	0.739
2755	1	R100x30-74	SLV_02	26.04	-27.78	67.49	12.57	12.57	0.739
	2	R100x30-75	SLV_02	26.04	32.54	-107.97	25.13	12.57	0.597
2756	1	R100x30-79	SLV_01	15.62	18.01	-147.15	31.42	12.57	0.610
	2	R100x30-77	SLV_02	24.95	-11.54	73.32	12.57	18.85	0.508
	3	R100x30-80	SLV_02	24.95	-17.17	75.05	18.85	18.85	0.530
2757	1	R100x30-73	SLV_01	13.64	-21.02	59.87	18.85	12.57	0.631
	2	R100x30-79	SLV_01	13.64	21.99	-157.49	31.42	12.57	0.657
2758	1	R100x30-79	SLV_01	25.70	23.01	-161.01	31.42	12.57	0.677

2758	2	R100x30-73	SLV_01	25.70	-22.22	58.76	18.85	12.57	0.636
	1	R100x30-80	SLV_02	17.31	-19.25	74.49	18.85	18.85	0.526
2759	2	R100x30-77	SLV_02	17.31	-13.10	72.64	12.57	18.85	0.502
	3	R100x30-76	SLV_01	24.92	22.20	-141.61	25.13	12.57	0.738
2760	1	R100x30-67	SLV_01	83.22	19.67	-55.52	15.71	15.71	0.540
2761	1	R100x30-67	SLV_01	80.32	7.22	-54.25	15.71	15.71	0.494
	2	R100x30-82	SLV_01	80.32	17.82	-115.74	21.99	15.71	0.720
2762	1	R100x30-82	SLV_02	105.01	30.25	-125.92	21.99	15.71	0.818
	2	R100x30-67	SLV_02	105.01	-21.91	47.49	15.71	15.71	0.503
2763	1	R100x30-67	SLV_02	92.43	-14.65	57.81	15.71	15.71	0.551
	2	R100x30-82	SLV_01	49.33	15.85	-121.28	21.99	15.71	0.728
2764	1	R100x30-83	SLV_02	59.46	25.46	-151.86	28.27	15.71	0.724
	2	R100x30-67	SLV_02	59.46	-19.57	80.65	15.71	15.71	0.710
2765	1	R100x30-67	SLV_02	62.48	-19.69	80.56	15.71	15.71	0.712
	2	R100x30-83	SLV_02	62.48	25.48	-153.33	28.27	15.71	0.732
2766	1	R100x30-82	SLV_01	57.72	17.17	-121.12	21.99	15.71	0.735
	2	R100x30-67	SLV_02	95.06	-13.98	58.21	15.71	15.71	0.554
2767	1	R100x30-67	SLV_02	106.21	-21.54	48.13	15.71	15.71	0.508
	2	R100x30-82	SLV_01	67.81	19.83	-136.47	21.99	15.71	0.831
2768	1	R100x30-82	SLV_01	81.58	18.63	-114.38	21.99	15.71	0.715
	2	R100x30-67	SLV_01	81.58	7.39	-53.09	15.71	15.71	0.487
2769	1	R100x30-67	SLV_01	83.28	20.79	-57.16	15.71	15.71	0.555
2770	1	R50x30-21	SLV_02	8.55	4.74	-36.98	6.28	6.28	0.743
2775	1	R50x30-21	SLV_02	6.12	-3.76	42.32	6.28	6.28	0.831
2780	1	R50x30-21	SLV_02	6.90	-3.61	41.03	6.28	6.28	0.807
2785	1	R50x30-19	SLV_02	5.03	-3.63	39.04	9.42	9.42	0.526
2790	1	R50x30-19	SLV_02	5.25	-3.58	37.86	9.42	9.42	0.511
2795	1	R50x30-19	SLV_02	4.77	-4.86	31.03	9.42	9.42	0.432
2800	1	R50x30-19	SLV_02	4.74	-4.89	30.61	9.42	9.42	0.427
2805	1	R50x30-19	SLV_02	5.40	-3.41	37.22	9.42	9.42	0.502
281	1	R80x30-17	SLV_01	190.97	19.01	-110.26	22.62	15.71	0.754
	2	R80x30-18	SLV_01	190.97	-12.03	34.86	28.90	15.71	0.463
2810	1	R50x30-19	SLV_02	4.77	-3.41	38.12	9.42	9.42	0.512
2815	1	R50x30-21	SLV_02	6.84	-3.38	38.44	6.28	6.28	0.757
2820	1	R50x30-21	SLV_02	6.07	-3.47	38.02	6.28	6.28	0.748
2825	1	R50x30-19	SLV_02	8.29	4.67	-33.27	9.42	9.42	0.463
2830	1	R70x30-17	SLV_02	139.26	-8.73	20.69	18.10	12.57	0.379
2831	1	R70x30-17	SLV_02	177.79	-10.41	18.55	18.10	12.57	0.409
2832	1	R70x30-17	SLV_02	179.93	15.07	-56.57	18.10	12.57	0.563
2833	1	R70x30-10	SLV_02	165.08	16.93	-58.91	12.57	12.57	0.808
2834	1	R70x30-10	SLV_02	152.95	15.31	-37.17	12.57	12.57	0.584
2835	1	R70x30-11	SLV_01	47.50	6.14	-107.77	18.85	12.57	0.748
	2	R70x30-10	SLV_02	98.95	-9.96	50.32	12.57	12.57	0.626
2836	1	R70x30-10	SLV_02	101.04	-9.93	50.32	12.57	12.57	0.628
	2	R70x30-11	SLV_01	60.17	6.52	-107.78	18.85	12.57	0.758
2837	1	R70x30-8	SLV_01	106.82	10.24	-46.06	12.57	12.57	0.592
2838	1	R70x30-8	SLV_01	111.85	10.99	-69.49	12.57	12.57	0.823
2839	1	R70x30-8	SLV_02	175.74	-14.72	-54.85	12.57	12.57	0.766
2840	1	R70x30-8	SLV_02	172.22	9.31	-30.21	12.57	12.57	0.512

2841	1	R70x30-8	SLV_02	133.82	9.19	-22.62	12.57	12.57	0.400
2842	1	R80x30-24	SLV_01	135.66	13.13	-117.67	21.99	15.71	0.766
	2	R80x30-23	SLV_01	135.66	-6.05	59.26	15.71	15.71	0.585
2843	1	R80x30-23	SLV_02	138.36	-14.37	43.90	15.71	15.71	0.503
	2	R80x30-24	SLV_01	117.17	12.89	-126.72	21.99	15.71	0.804
2844	1	R80x30-24	SLV_01	62.25	11.50	-125.22	21.99	15.71	0.761
	2	R80x30-23	SLV_02	120.21	-13.46	42.79	15.71	15.71	0.476
2845	1	R80x30-23	SLV_02	109.88	-8.18	58.56	15.71	15.71	0.567
	2	R80x30-24	SLV_01	61.35	9.59	-118.44	21.99	15.71	0.717
2846	1	R80x30-24	SLV_01	78.13	9.97	-118.74	21.99	15.71	0.730
	2	R80x30-23	SLV_02	116.55	-8.14	59.24	15.71	15.71	0.578
2847	1	R80x30-23	SLV_02	125.72	-13.44	43.88	15.71	15.71	0.488
	2	R80x30-24	SLV_01	75.94	11.58	-125.49	21.99	15.71	0.770
2848	1	R80x30-24	SLV_01	114.22	13.21	-125.68	21.99	15.71	0.798
	2	R80x30-23	SLV_02	134.93	-13.91	47.31	15.71	15.71	0.524
2849	1	R80x30-23	SLV_02	112.18	-8.98	61.16	15.71	15.71	0.592
	2	R80x30-24	SLV_01	129.65	13.45	-118.60	21.99	15.71	0.768
2850	1	R100x30-76	SLV_01	20.90	18.16	-140.08	25.13	12.57	0.720
	2	R100x30-77	SLV_02	16.14	-11.07	73.49	12.57	18.85	0.502
	3	R100x30-80	SLV_02	16.14	-16.09	75.06	18.85	18.85	0.522
2851	1	R100x30-73	SLV_01	21.81	-18.49	59.29	18.85	12.57	0.627
	2	R100x30-79	SLV_01	21.81	17.87	-165.58	31.42	12.57	0.684
2852	1	R100x30-79	SLV_01	11.50	16.08	-157.01	31.42	12.57	0.644
	2	R100x30-73	SLV_01	11.50	-15.56	59.55	18.85	12.57	0.611
2853	1	R100x30-80	SLV_02	21.65	-13.93	74.12	18.85	18.85	0.515
	2	R100x30-77	SLV_02	21.65	-9.44	72.84	12.57	18.85	0.498
	3	R100x30-79	SLV_01	11.39	13.31	-147.41	31.42	12.57	0.601
2854	1	R100x30-75	SLV_02	25.36	23.85	-109.49	25.13	12.57	0.587
	2	R100x30-74	SLV_02	25.36	-19.93	67.38	12.57	12.57	0.714
2855	1	R100x30-74	SLV_02	25.10	-20.21	67.39	12.57	12.57	0.714
	2	R100x30-75	SLV_02	25.10	24.60	-108.56	25.13	12.57	0.584
2856	1	R100x30-79	SLV_01	13.84	13.71	-147.34	31.42	12.57	0.603
	2	R100x30-77	SLV_02	21.20	-9.34	73.51	12.57	18.85	0.501
	3	R100x30-80	SLV_02	21.20	-13.83	75.13	18.85	18.85	0.521
2857	1	R100x30-73	SLV_01	12.04	-15.92	60.32	18.85	12.57	0.620
	2	R100x30-79	SLV_01	12.04	16.13	-158.13	31.42	12.57	0.648
2858	1	R100x30-79	SLV_01	19.21	18.77	-161.39	31.42	12.57	0.669
	2	R100x30-73	SLV_01	19.21	-18.91	59.25	18.85	12.57	0.625
2859	1	R100x30-80	SLV_02	13.75	-16.10	74.90	18.85	18.85	0.519
	2	R100x30-77	SLV_02	13.75	-11.07	72.95	12.57	18.85	0.497
	3	R100x30-76	SLV_01	18.69	18.80	-141.58	25.13	12.57	0.728
2860	1	R100x30-67	SLV_01	75.53	17.91	-51.78	15.71	15.71	0.501
2861	1	R100x30-67	SLV_01	70.87	-6.54	-55.54	15.71	15.71	0.492
	2	R100x30-82	SLV_01	70.87	14.15	-117.93	21.99	15.71	0.718
2862	1	R100x30-82	SLV_01	51.78	14.33	-135.46	21.99	15.71	0.803
	2	R100x30-67	SLV_02	84.89	-16.77	47.73	15.71	15.71	0.475
2863	1	R100x30-67	SLV_02	74.51	-11.27	58.03	15.71	15.71	0.529
	2	R100x30-82	SLV_01	42.58	12.17	-121.42	21.99	15.71	0.716
2864	1	R100x30-83	SLV_02	51.66	18.44	-154.36	28.27	15.71	0.719

2864	2	R100x30-67	SLV_02	51.66	-14.32	82.97	15.71	15.71	0.707
2865	1	R100x30-67	SLV_02	53.65	-14.58	82.90	15.71	15.71	0.709
	2	R100x30-83	SLV_02	53.65	18.60	-155.75	28.27	15.71	0.726
2866	1	R100x30-82	SLV_01	50.26	12.61	-121.33	21.99	15.71	0.721
	2	R100x30-67	SLV_02	80.61	-11.17	58.49	15.71	15.71	0.537
2867	1	R100x30-67	SLV_02	90.77	-16.80	48.46	15.71	15.71	0.485
	2	R100x30-82	SLV_01	59.57	14.42	-137.05	21.99	15.71	0.817
2868	1	R100x30-82	SLV_01	75.85	15.15	-116.35	21.99	15.71	0.714
	2	R100x30-67	SLV_01	75.85	-6.87	-54.11	15.71	15.71	0.486
2869	1	R100x30-67	SLV_01	79.10	18.71	-53.24	15.71	15.71	0.517
2870	1	R50x30-21	SLV_02	8.37	3.90	-38.29	6.28	6.28	0.761
2875	1	R50x30-21	SLV_02	5.65	-2.90	45.16	6.28	6.28	0.876
2880	1	R50x30-21	SLV_02	5.83	-2.76	43.88	6.28	6.28	0.852
2885	1	R50x30-21	SLV_02	4.49	-2.81	41.78	6.28	6.28	0.810
2890	1	R50x30-19	SLV_02	5.02	-2.79	40.63	9.42	9.42	0.540
2895	1	R50x30-19	SLV_02	5.53	-3.66	33.04	9.42	9.42	0.450
2900	1	R50x30-19	SLV_02	5.55	-3.83	32.67	9.42	9.42	0.447
2905	1	R50x30-19	SLV_02	5.01	-2.81	40.03	9.42	9.42	0.533
2910	1	R50x30-21	SLV_02	4.18	-2.72	40.98	6.28	6.28	0.794
2915	1	R50x30-21	SLV_02	5.78	-2.69	41.45	6.28	6.28	0.806
292	1	R50x30-21	SLV_02	18.01	1.71	-13.97	6.28	6.28	0.310
2920	1	R50x30-21	SLV_02	6.65	-2.76	39.76	6.28	6.28	0.776
2925	1	R50x30-19	SLV_02	8.72	3.80	-33.30	9.42	9.42	0.459
2930	1	R70x30-17	SLV_02	118.05	-7.89	32.29	18.10	12.57	0.462
2931	1	R70x30-17	SLV_02	150.07	-10.23	29.22	18.10	12.57	0.477
2932	1	R70x30-17	SLV_02	151.62	13.53	-69.79	18.10	12.57	0.619
2933	1	R70x30-12	SLV_01	88.18	-9.26	-76.45	15.71	15.71	0.692
2934	1	R70x30-12	SLV_01	82.78	7.95	-54.30	15.71	15.71	0.517
2935	1	R70x30-14	SLV_01	49.35	5.14	-125.64	21.99	15.71	0.741
	2	R70x30-12	SLV_02	97.66	-8.30	61.10	15.71	15.71	0.584
2936	1	R70x30-12	SLV_02	98.67	-8.32	61.10	15.71	15.71	0.585
	2	R70x30-14	SLV_01	57.12	5.28	-125.80	21.99	15.71	0.747
2937	1	R70x30-8	SLV_01	96.01	8.18	-53.72	12.57	12.57	0.645
2938	1	R70x30-8	SLV_01	100.84	8.98	-77.33	12.57	12.57	0.877
2939	1	R70x30-8	SLV_02	157.51	13.42	-68.45	12.57	12.57	0.871
2940	1	R70x30-8	SLV_02	154.40	9.01	-40.18	12.57	12.57	0.586
2941	1	R70x30-8	SLV_02	120.26	8.18	-41.61	12.57	12.57	0.555
2942	1	R80x30-24	SLV_01	114.52	-13.11	-117.17	21.99	15.71	0.746
	2	R80x30-23	SLV_01	114.52	-5.67	59.42	15.71	15.71	0.568
2943	1	R80x30-23	SLV_01	104.39	-10.90	47.32	15.71	15.71	0.487
	2	R80x30-24	SLV_01	104.39	11.94	-126.61	21.99	15.71	0.794
2944	1	R80x30-24	SLV_01	70.09	9.89	-125.12	21.99	15.71	0.760
	2	R80x30-23	SLV_02	132.84	-11.16	43.39	15.71	15.71	0.482
2945	1	R80x30-23	SLV_02	121.41	-6.86	58.92	15.71	15.71	0.574
	2	R80x30-24	SLV_01	63.76	7.76	-118.26	21.99	15.71	0.712
2946	1	R80x30-24	SLV_01	67.29	9.04	-118.20	21.99	15.71	0.718
	2	R80x30-23	SLV_02	120.65	-7.30	59.31	15.71	15.71	0.578
2947	1	R80x30-23	SLV_02	132.47	-12.01	43.91	15.71	15.71	0.489
	2	R80x30-24	SLV_01	74.02	12.07	-125.21	21.99	15.71	0.769

2948	1	R80x30-24	SLV_01	107.84	16.03	-128.05	21.99	15.71	0.816
	2	R80x30-23	SLV_02	135.44	-14.20	47.63	15.71	15.71	0.528
2949	1	R80x30-23	SLV_02	108.49	-7.87	61.28	15.71	15.71	0.586
	2	R80x30-24	SLV_01	114.64	12.05	-119.98	21.99	15.71	0.763
2950	1	R100x30-76	SLV_01	20.78	16.12	-139.57	25.13	12.57	0.714
	2	R100x30-77	SLV_02	17.46	-9.71	73.15	12.57	18.85	0.497
	3	R100x30-80	SLV_02	17.46	-14.03	74.71	18.85	18.85	0.516
2951	1	R100x30-73	SLV_01	20.18	-16.87	58.83	18.85	12.57	0.617
	2	R100x30-79	SLV_01	20.18	17.05	-166.04	31.42	12.57	0.684
2952	1	R100x30-79	SLV_01	8.40	14.10	-156.73	31.42	12.57	0.638
	2	R100x30-73	SLV_01	8.40	-13.22	59.70	18.85	12.57	0.603
2953	1	R100x30-80	SLV_02	14.56	-11.86	74.26	18.85	18.85	0.506
	2	R100x30-77	SLV_02	14.56	-8.31	72.90	12.57	18.85	0.491
	3	R100x30-79	SLV_01	8.26	10.96	-146.76	31.42	12.57	0.594
2954	1	R100x30-75	SLV_02	11.80	20.36	-109.85	25.13	12.57	0.575
	2	R100x30-74	SLV_02	11.80	-18.51	67.62	12.57	12.57	0.698
2955	1	R100x30-74	SLV_02	10.83	-18.72	67.60	12.57	12.57	0.697
	2	R100x30-75	SLV_02	10.83	22.12	-109.01	25.13	12.57	0.574
2956	1	R100x30-79	SLV_01	5.83	12.51	-146.19	31.42	12.57	0.593
	2	R100x30-77	SLV_02	8.93	-8.71	73.31	12.57	18.85	0.490
	3	R100x30-80	SLV_02	8.93	-12.56	74.74	18.85	18.85	0.507
2957	1	R100x30-73	SLV_01	5.15	-15.07	59.94	18.85	12.57	0.607
	2	R100x30-79	SLV_01	5.15	16.93	-157.53	31.42	12.57	0.645
2958	1	R100x30-79	SLV_01	17.13	20.20	-165.02	31.42	12.57	0.684
	2	R100x30-73	SLV_01	17.13	-17.81	59.81	18.85	12.57	0.625
2959	1	R100x30-80	SLV_02	9.14	-15.02	75.46	18.85	18.85	0.517
	2	R100x30-77	SLV_02	9.14	-10.84	73.50	12.57	18.85	0.497
	3	R100x30-76	SLV_01	15.24	15.63	-142.32	25.13	12.57	0.723
2960	1	R100x30-67	SLV_01	78.44	16.19	-53.13	15.71	15.71	0.508
2961	1	R100x30-67	SLV_01	74.83	-6.30	-56.57	15.71	15.71	0.503
	2	R100x30-82	SLV_01	74.83	13.59	-119.11	21.99	15.71	0.725
2962	1	R100x30-82	SLV_01	53.74	12.94	-134.76	21.99	15.71	0.797
	2	R100x30-67	SLV_02	90.59	-14.91	48.01	15.71	15.71	0.476
2963	1	R100x30-67	SLV_02	81.69	-9.86	58.09	15.71	15.71	0.531
	2	R100x30-82	SLV_01	44.75	10.14	-120.47	21.99	15.71	0.708
2964	1	R100x30-83	SLV_02	65.30	16.40	-156.48	28.27	15.71	0.730
	2	R100x30-67	SLV_02	65.30	-14.34	84.47	15.71	15.71	0.729
2965	1	R100x30-67	SLV_02	67.49	-14.46	84.42	15.71	15.71	0.731
	2	R100x30-83	SLV_02	67.49	16.93	-157.61	28.27	15.71	0.737
2966	1	R100x30-82	SLV_01	51.11	11.90	-120.13	21.99	15.71	0.713
	2	R100x30-67	SLV_02	90.03	-10.34	58.52	15.71	15.71	0.543
2967	1	R100x30-67	SLV_02	100.57	-15.88	48.71	15.71	15.71	0.492
	2	R100x30-82	SLV_01	61.88	15.78	-136.06	21.99	15.71	0.816
2968	1	R100x30-82	SLV_01	88.63	15.48	-117.53	21.99	15.71	0.729
	2	R100x30-67	SLV_01	88.63	-7.71	-55.19	15.71	15.71	0.507
2969	1	R100x30-67	SLV_01	91.69	17.22	-54.74	15.71	15.71	0.534
2970	1	R50x30-19	SLV_02	11.02	3.68	-38.78	9.42	9.42	0.530
2975	1	R50x30-28	SLV_02	11.34	-2.44	45.41	12.19	12.19	0.475
2980	1	R50x30-28	SLV_02	13.15	-2.20	44.09	12.19	12.19	0.462

2985	1	R50x30-21	SLV_02	10.07	-2.17	42.22	6.28	6.28	0.825
2990	1	R50x30-19	SLV_02	7.67	-2.08	41.11	9.42	9.42	0.545
2995	1	R50x30-19	SLV_02	6.38	-3.02	33.68	9.42	9.42	0.455
3000	1	R50x30-19	SLV_02	6.21	-3.29	33.21	9.42	9.42	0.451
3005	1	R50x30-19	SLV_02	7.90	-2.30	39.87	9.42	9.42	0.531
3010	1	R50x30-21	SLV_02	10.80	-2.36	40.51	6.28	6.28	0.796
3015	1	R50x30-28	SLV_02	13.93	-2.41	39.84	12.19	12.19	0.422
3020	1	R50x30-28	SLV_02	7.27	-2.45	42.85	12.19	12.19	0.445
3025	1	R50x30-19	SLV_02	10.99	3.59	-38.60	9.42	9.42	0.527
3030	1	R70x30-9	SLV_02	117.14	6.88	-42.27	15.71	15.71	0.448
3031	1	R70x30-9	SLV_02	150.33	-8.10	-40.72	15.71	15.71	0.467
3032	1	R70x30-9	SLV_02	156.01	11.05	-72.95	15.71	15.71	0.732
3033	1	R70x30-12	SLV_01	95.58	-8.03	-77.74	15.71	15.71	0.704
3034	1	R70x30-12	SLV_01	91.60	6.67	-54.23	15.71	15.71	0.520
3035	1	R70x30-14	SLV_01	60.38	4.80	-126.54	21.99	15.71	0.751
	2	R70x30-12	SLV_02	111.03	-7.54	60.54	15.71	15.71	0.588
3036	1	R70x30-12	SLV_02	110.47	-7.62	60.54	15.71	15.71	0.588
	2	R70x30-14	SLV_01	61.13	5.00	-126.65	21.99	15.71	0.753
3037	1	R70x30-9	SLV_01	98.68	8.30	-53.27	15.71	15.71	0.523
3038	1	R70x30-9	SLV_01	104.46	-10.13	-78.44	15.71	15.71	0.722
3039	1	R70x30-9	SLV_02	171.06	10.92	-70.36	15.71	15.71	0.724
3040	1	R70x30-9	SLV_02	170.13	7.93	-39.91	15.71	15.71	0.481
3041	1	R70x30-9	SLV_02	135.77	6.60	-43.09	15.71	15.71	0.468
3042	1	R80x30-33	SLV_01	121.56	-19.11	-132.18	28.27	15.71	0.667
	2	R80x30-31	SLV_02	108.18	-11.00	68.57	15.71	15.71	0.649
3043	1	R80x30-21	SLV_02	154.68	-20.99	51.29	15.71	15.71	0.591
	2	R80x30-33	SLV_01	127.00	18.61	-141.01	28.27	15.71	0.711
3044	1	R80x30-33	SLV_02	176.05	24.51	-130.02	28.27	15.71	0.699
	2	R80x30-21	SLV_02	176.05	-19.90	51.67	15.71	15.71	0.608
3045	1	R80x30-31	SLV_02	153.42	-11.36	68.62	15.71	15.71	0.688
	2	R80x30-33	SLV_02	153.42	-22.47	-123.50	28.27	15.71	0.650
3046	1	R80x30-33	SLV_02	173.16	-23.65	-123.21	28.27	15.71	0.663
	2	R80x30-34	SLV_02	173.16	-11.95	68.68	15.71	21.99	0.516
3047	1	R80x30-21	SLV_02	206.63	-20.76	51.68	15.71	15.71	0.637
	2	R80x30-33	SLV_02	206.63	26.15	-130.70	28.27	15.71	0.719
3048	1	R100x30-87	SLV_01	15.68	-28.22	-190.38	33.80	21.24	0.736
	2	R100x30-88	SLV_02	23.07	-14.42	101.20	21.24	27.52	0.482
	3	R100x30-89	SLV_02	23.07	22.75	104.71	22.62	27.52	0.509
3049	1	R100x30-63	SLV_01	12.56	-27.53	81.16	22.62	21.24	0.521
	2	R100x30-91	SLV_01	-40.08	27.18	-213.28	41.47	27.52	0.679
3050	1	R100x30-95	SLV_01	-34.92	22.46	-180.64	40.09	21.24	0.612
	2	R100x30-64	SLV_02	20.16	-31.70	66.81	21.24	21.24	0.452
3051	1	R100x30-85	SLV_02	20.83	-18.73	88.98	21.24	21.24	0.552
	2	R100x30-96	SLV_01	9.08	-18.79	-172.30	33.80	21.24	0.655
3052	1	R100x30-97	SLV_02	24.89	-43.72	-118.73	27.52	21.24	0.603
	2	R100x30-85	SLV_02	24.89	36.00	70.23	21.24	21.24	0.474
3053	1	R100x30-85	SLV_02	24.63	33.49	70.23	21.24	21.24	0.470
	2	R100x30-97	SLV_02	24.63	-37.62	-118.01	27.52	21.24	0.591
3054	1	R100x30-96	SLV_01	11.15	-19.77	-171.40	33.80	21.24	0.654

3054	2	R100x30-85	SLV_02	24.02	-19.63	89.02	21.24	21.24	0.556
3055	1	R100x30-64	SLV_02	22.97	-33.02	66.36	21.24	21.24	0.454
	2	R100x30-95	SLV_01	-48.44	24.15	-181.42	40.09	21.24	0.619
3056	1	R100x30-99	SLV_02	144.73	-18.76	52.30	12.57	12.57	0.697
3057	1	R100x30-99	SLV_02	140.87	11.18	-40.93	12.57	12.57	0.564
	2	R100x30-100	SLV_02	140.87	27.57	-106.91	25.13	12.57	0.643
3058	1	R100x30-101	SLV_02	145.90	32.58	-141.34	25.13	12.57	0.821
	2	R100x30-102	SLV_02	145.90	-24.50	53.35	12.57	12.57	0.726
3059	1	R100x30-103	SLV_02	135.20	-14.81	66.81	12.57	18.85	0.555
	2	R100x30-104	SLV_01	76.75	-18.76	-136.07	25.13	12.57	0.727
3060	1	R120x30-6	SLV_02	103.65	-46.75	-184.48	31.42	12.57	0.813
	2	R120x30-7	SLV_02	103.65	-32.23	102.56	18.85	18.85	0.779
3061	1	R120x30-7	SLV_02	106.82	-34.04	102.55	18.85	18.85	0.784
	2	R120x30-6	SLV_02	106.82	-43.35	-183.56	31.42	12.57	0.807
3062	1	R100x30-101	SLV_02	159.06	-29.51	-125.11	25.13	12.57	0.735
	2	R100x30-103	SLV_02	159.06	-15.36	67.39	12.57	18.85	0.577
3063	1	R100x30-102	SLV_02	171.23	-25.64	54.04	12.57	12.57	0.763
	2	R100x30-104	SLV_02	171.23	34.87	-144.20	25.13	12.57	0.853
3064	1	R100x30-104	SLV_02	149.20	25.72	-105.06	18.85	12.57	0.835
	2	R100x30-99	SLV_02	149.20	-22.60	37.05	12.57	12.57	0.572
3065	1	R100x30-99	SLV_02	149.41	-17.89	52.18	12.57	12.57	0.698
3066	1	R50x30-21	SLV_02	6.48	6.12	-38.47	6.28	6.28	0.778
3071	1	R50x30-28	SLV_02	2.61	4.49	47.90	12.19	12.19	0.499
3076	1	R50x30-28	SLV_02	-1.44	4.02	45.56	12.19	12.19	0.469
3081	1	R50x30-21	SLV_02	-3.85	-3.75	42.55	6.28	6.28	0.815
3086	1	R50x30-21	SLV_02	3.25	-3.58	42.84	6.28	6.28	0.833
3091	1	R50x30-19	SLV_02	7.04	-5.42	34.48	9.42	9.42	0.482
3096	1	R50x30-19	SLV_02	7.00	-5.62	34.54	9.42	9.42	0.484
3101	1	R50x30-21	SLV_02	4.72	4.11	43.19	6.28	6.28	0.843
3106	1	R50x30-28	SLV_02	1.35	-3.99	43.08	12.19	12.19	0.449
3111	1	L60x90-30	SLV_02	-5.64	67.89	-356.85	18.10	27.14	0.849
3116	1	R70x30-8	SLV_02	159.65	-8.71	24.74	12.57	12.57	0.445
3117	1	R70x30-8	SLV_02	199.91	-9.84	-31.72	12.57	12.57	0.558
3118	1	R70x30-8	SLV_02	199.06	13.32	-53.89	12.57	12.57	0.781
3119	1	R70x30-12	SLV_02	220.63	15.99	-53.40	15.71	15.71	0.661
3120	1	R70x30-12	SLV_02	215.06	13.41	-37.36	15.71	15.71	0.531
3121	1	R70x30-14	SLV_02	136.79	12.91	-105.21	21.99	15.71	0.707
	2	R70x30-12	SLV_02	136.79	-12.10	60.56	15.71	15.71	0.630
3122	1	R70x30-12	SLV_02	141.59	-12.53	60.56	15.71	15.71	0.636
	2	R70x30-14	SLV_02	141.59	12.85	-105.34	21.99	15.71	0.710
3123	1	R70x30-8	SLV_02	247.61	-15.15	-35.40	12.57	12.57	0.670
3124	1	R70x30-8	SLV_02	254.33	16.66	-52.76	12.57	12.57	0.848
3125	1	R70x30-9	SLV_02	215.35	14.96	-52.46	15.71	15.71	0.640
3126	1	R70x30-9	SLV_02	205.64	9.74	-30.41	15.71	15.71	0.448
3127	1	R70x30-9	SLV_02	162.48	-8.31	24.92	15.71	15.71	0.363
3128	1	L60x90-29	SLV_02	14.48	-35.43	155.63	13.57	13.57	0.811
3133	1	L60x90-19	SLV_01	84.90	13.80	-171.14	12.57	12.57	0.603
	2	L60x90-21	SLV_01	84.90	52.98	182.10	6.28	12.57	0.683
	1	L60x90-18	SLV_01	91.39	23.25	182.10	12.57	12.57	0.734

3134	2	L60x90-19	SLV_01	91.39	4.54	113.93	12.57	12.57	0.613
	3	L60x90-20	SLV_01	91.39	8.52	-183.82	12.57	12.57	0.629
3135	1	L60x90-31	SLV_01	27.30	4.15	-255.10	15.71	22.62	0.650
	2	L60x90-32	SLV_01	27.30	0.49	125.15	15.71	22.62	0.303
	3	L60x90-33	SLV_01	27.30	47.82	215.96	15.71	22.62	0.404
3136	1	L60x90-34	SLV_01	16.88	68.04	215.96	15.71	22.62	0.514
	2	L60x90-35	SLV_02	18.83	38.63	181.88	9.42	22.62	0.334
	3	L60x90-36	SLV_01	16.88	16.59	-179.62	15.71	22.62	0.486
3137	1	R50x30-34	SLV_02	47.21	4.69	-51.39	16.71	16.71	0.440
	2	R50x30-35	SLV_02	-43.73	4.84	-128.48	23.00	16.71	0.748
	3	R50x30-36	SLV_02	-43.73	12.33	-205.57	29.28	29.28	0.954
3138	1	R50x30-54	SLV_02	-32.79	-1.53	-148.66	31.67	27.14	0.673
	2	R50x30-40	SLV_02	-32.79	7.34	-237.86	45.24	63.33	0.847
3139	1	R50x30-54	SLV_02	-20.21	-1.44	-157.23	31.67	27.14	0.708
	2	R50x30-40	SLV_02	-20.21	8.24	-251.58	45.24	63.33	0.896
3140	1	R50x30-48	SLV_02	40.84	4.99	-63.18	27.14	27.14	0.335
	2	R50x30-49	SLV_02	-36.45	2.90	-157.96	33.43	27.14	0.737
	3	R50x30-50	SLV_02	-36.45	10.33	-252.73	43.86	50.14	0.925
3161	1	R80x30-27	SLV_01	95.82	-27.00	-85.18	18.85	12.57	0.682
	2	R80x30-28	SLV_02	111.65	-19.53	52.00	12.57	12.57	0.683
3162	1	R80x30-28	SLV_02	171.04	-28.43	38.57	12.57	12.57	0.657
	2	R80x30-29	SLV_02	171.04	38.20	-90.18	18.85	12.57	0.811
3163	1	R80x30-27	SLV_02	144.68	30.80	-88.60	18.85	12.57	0.760
	2	R80x30-28	SLV_02	144.68	31.29	38.94	12.57	12.57	0.635
3164	1	R80x30-28	SLV_02	138.46	-16.94	52.01	12.57	12.57	0.700
	2	R80x30-27	SLV_02	138.46	27.82	-79.93	18.85	12.57	0.691
3165	1	R80x30-38	SLV_02	129.15	27.86	-80.05	24.38	12.57	0.538
	2	R80x30-39	SLV_02	129.15	-17.11	52.15	18.10	12.57	0.685
3166	1	R80x30-39	SLV_02	120.18	31.92	39.13	18.10	12.57	0.597
	2	R80x30-38	SLV_02	120.18	-35.56	-89.52	24.38	12.57	0.595
3167	1	R80x30-39	SLV_02	119.12	108.12	-13.12	18.10	12.57	0.554
3169	1	R100x30-110	SLV_02	4.43	18.35	21.60	18.10	12.57	0.248
3170	1	R100x30-110	SLV_01	65.18	9.91	27.36	18.10	12.57	0.348
3171	1	R100x30-110	SLV_01	131.20	-23.37	-57.22	18.10	12.57	0.521
	2	R100x30-114	SLV_01	131.20	-45.76	-96.91	24.38	12.57	0.630
3172	1	R100x30-113	SLV_02	225.94	38.81	-72.59	24.38	18.85	0.560
	2	R100x30-110	SLV_02	225.94	-32.18	55.19	18.10	12.57	0.841
3173	1	R100x30-110	SLV_02	294.39	44.05	-102.16	18.10	12.57	0.993
3174	1	R100x30-112	SLV_02	-150.58	48.75	-148.29	36.95	12.57	0.627
	2	R100x30-114	SLV_02	78.37	-47.86	67.08	24.38	12.57	0.821
3175	1	R100x30-113	SLV_02	32.09	-28.39	88.39	24.38	18.85	0.638
	2	R100x30-112	SLV_02	-114.16	52.19	-137.86	36.95	12.57	0.590
3176	1	R100x30-112	SLV_02	-76.14	51.96	-137.02	36.95	12.57	0.581
	2	R100x30-113	SLV_02	-1.44	-29.33	88.49	24.38	18.85	0.619
3177	1	R100x30-114	SLV_02	27.87	-49.18	66.76	24.38	12.57	0.771
	2	R100x30-112	SLV_02	-94.50	50.49	-151.03	36.95	12.57	0.631
3178	1	R100x30-110	SLV_02	133.61	165.86	-23.87	18.10	12.57	0.662
3180	1	R100x30-114	SLV_01	110.84	-55.44	-81.23	24.38	12.57	0.560
	2	R100x30-110	SLV_01	110.84	-32.91	-44.35	18.10	12.57	0.443

3181	1	R100x30-110	SLV_01	56.16	10.29	31.23	18.10	12.57	0.376
3182	1	R100x30-110	SLV_01	5.96	21.58	23.03	18.10	12.57	0.270
3183	1	R120x30-8	SLV_02	9.50	56.44	-122.11	21.99	15.71	0.769
	2	R120x30-9	SLV_02	9.50	33.26	-71.35	15.71	15.71	0.620
3184	1	R120x30-9	SLV_02	14.63	-40.72	64.80	15.71	15.71	0.588
3185	1	R120x30-9	SLV_02	9.57	-41.27	63.95	15.71	15.71	0.577
3186	1	R120x30-9	SLV_02	30.55	34.53	-68.86	15.71	15.71	0.621
	2	R120x30-8	SLV_02	30.55	60.01	-118.46	21.99	15.71	0.767
3187	1	R100x30-100	SLV_01	67.57	24.30	-78.76	12.57	12.57	0.876
3188	1	R100x30-100	SLV_01	75.01	23.68	-68.12	12.57	12.57	0.782
3189	1	R120x30-10	SLV_02	174.04	54.10	-82.96	15.71	15.71	0.879
3190	1	R120x30-10	SLV_02	184.69	-60.23	-81.22	15.71	15.71	0.885
3191	1	R100x30-100	SLV_02	103.23	39.07	-62.90	12.57	12.57	0.808
3192	1	R100x30-100	SLV_02	82.47	40.86	-74.75	12.57	12.57	0.902
3193	1	R50x30-21	SLV_02	9.03	-6.91	-39.10	6.28	6.28	0.793
3198	1	R50x30-19	SLV_02	10.42	4.82	-51.89	9.42	9.42	0.703
3203	1	R50x30-37	SLV_02	47.49	5.69	53.15	9.05	15.33	0.486
	2	R50x30-23	SLV_02	47.49	2.26	-30.26	9.05	9.05	0.479
	3	R50x30-38	SLV_02	-24.93	4.96	-61.43	29.28	9.05	0.400
3208	1	R50x30-23	SLV_02	17.54	6.58	50.51	9.05	9.05	0.723
	2	R50x30-41	SLV_02	0.97	5.58	-59.67	45.24	9.05	0.361
3213	1	R50x30-21	SLV_02	6.51	6.43	39.16	6.28	6.28	0.786
3218	1	R50x30-21	SLV_02	11.79	-6.90	29.04	6.28	6.28	0.618
3223	1	R50x30-21	SLV_02	11.47	-7.56	29.73	6.28	6.28	0.635
3228	1	R50x30-21	SLV_02	5.21	-6.38	41.75	6.28	6.28	0.838
3233	1	R50x30-23	SLV_02	17.15	-6.89	54.05	9.05	9.05	0.772
	2	R50x30-41	SLV_02	0.82	7.30	-62.58	45.24	9.05	0.384
3238	1	R50x30-45	SLV_02	47.53	-7.12	-37.42	9.05	15.33	0.603
	2	R50x30-23	SLV_02	47.53	3.07	-33.44	9.05	9.05	0.526
	3	R50x30-46	SLV_02	47.53	6.89	31.67	36.95	9.05	0.521
3243	1	R50x30-19	SLV_02	10.07	13.77	-64.63	9.42	9.42	0.923
3248	1	R50x30-21	SLV_02	8.36	45.64	-35.65	6.28	6.28	0.984
3253	1	R30x90-8	SLV_02	212.67	-10.37	-55.14	13.57	13.57	0.456
3254	1	R30x90-8	SLV_02	213.75	6.74	-72.74	13.57	13.57	0.453
3256	1	R30x90-8	SLV_02	107.47	4.58	-52.78	13.57	13.57	0.271
3258	1	R30x90-8	SLV_02	36.59	5.99	-11.86	13.57	13.57	0.126
3260	1	R30x90-8	SLV_02	235.74	8.89	-61.52	13.57	13.57	0.479
3261	1	R30x90-8	SLV_02	236.80	-6.41	-80.17	13.57	13.57	0.490
3287	1	R100x35-66	SLV_01	25.96	30.84	-157.17	35.19	15.71	0.504
	2	R100x35-70	SLV_02	17.58	-22.85	74.77	22.62	21.99	0.388
3288	1	R100x35-140	SLV_01	22.84	-31.55	60.67	22.62	15.71	0.463
	2	R100x35-67	SLV_01	22.84	33.71	-189.75	35.19	15.71	0.600
3289	1	R80x35-20	SLV_01	136.15	-23.84	-132.30	27.14	22.62	0.601
	2	R80x35-19	SLV_01	136.15	13.88	57.42	27.14	22.62	0.367
3290	1	R80x35-19	SLV_01	118.24	17.40	48.58	27.14	22.62	0.326
	2	R80x35-21	SLV_01	118.24	22.13	-141.76	33.43	22.62	0.509
3291	1	R50x80-115	SLV_02	304.22	23.19	-258.61	21.24	18.10	0.752
	2	R50x80-116	SLV_02	304.22	-16.88	179.27	21.24	24.38	0.491
	3	R50x80-117	SLV_02	304.22	-32.63	214.23	13.57	24.38	0.594

3292	1	R50x80-117	SLV_02	306.52	-32.88	214.23	13.57	24.38	0.597
	2	R50x80-116	SLV_02	306.52	-16.92	177.95	21.24	24.38	0.490
	3	R50x80-115	SLV_02	306.52	23.56	-262.80	21.24	18.10	0.763
3293	1	R50x35-40	SLV_03	22.06	-2.16	-81.69	22.62	12.19	0.386
	2	R50x35-26	SLV_03	22.06	-1.05	-58.35	12.19	12.19	0.500
3294	1	R50x35-37	SLV_02	-21.10	-5.11	-249.96	40.72	40.72	0.653
	2	R50x35-38	SLV_02	-21.10	-2.21	-178.54	31.67	22.62	0.616
3295	1	R80x80-32	SLV_02	26.46	33.33	-303.80	31.67	15.71	0.419
	2	R80x80-33	SLV_02	26.46	15.35	-43.40	31.67	21.99	0.084
3296	1	R50x35-43	SLV_02	-11.78	4.82	-341.27	72.38	72.38	0.752
	2	R50x35-44	SLV_02	-11.78	-2.21	-243.76	72.38	45.24	0.616
	3	R50x35-45	SLV_02	-11.78	-4.76	-48.75	72.38	45.24	0.136
3297	1	R60x80-85	SLV_02	5.83	23.67	-474.09	28.90	18.10	0.671
	2	R60x80-86	SLV_02	5.83	-10.59	-338.63	22.62	18.10	0.589
3298	1	R60x80-48	SLV_02	21.76	21.95	-338.82	27.52	21.24	0.517
	2	R60x80-44	SLV_02	21.76	9.61	-242.02	21.24	21.24	0.462
3299	1	R60x80-66	SLV_02	29.39	23.70	-441.56	33.80	21.24	0.547
	2	R60x80-61	SLV_02	29.39	8.97	-315.40	21.24	21.24	0.594
3300	1	R60x80-56	SLV_02	23.16	18.65	-473.37	33.80	21.24	0.573
	2	R60x80-57	SLV_02	23.16	7.18	-338.12	21.24	21.24	0.625
3301	1	R60x80-56	SLV_02	23.02	-19.22	-473.77	33.80	21.24	0.574
	2	R60x80-57	SLV_02	23.02	-7.71	-338.41	21.24	21.24	0.624
3302	1	R60x80-66	SLV_02	29.19	-23.08	-438.86	33.80	21.24	0.543
	2	R60x80-61	SLV_02	29.19	-8.75	-313.47	21.24	21.24	0.586
3303	1	R60x80-48	SLV_02	21.91	21.00	-338.13	27.52	21.24	0.515
	2	R60x80-44	SLV_02	21.91	9.15	-241.52	21.24	21.24	0.460
3304	1	R60x80-48	SLV_02	24.37	17.91	-339.68	27.52	21.24	0.513
	2	R60x80-44	SLV_02	24.37	6.97	-242.63	21.24	21.24	0.459
3305	1	R60x80-85	SLV_02	5.92	23.81	-473.85	28.90	18.10	0.671
	2	R60x80-86	SLV_02	5.92	10.33	-338.46	22.62	18.10	0.588
3306	1	R60x80-87	SLV_02	21.52	16.58	-365.88	27.14	18.10	0.554
3307	1	R80x80-32	SLV_03	10.31	15.50	-348.90	31.67	15.71	0.444
	2	R80x80-33	SLV_02	28.10	15.57	-46.27	31.67	21.99	0.088
3308	1	R50x35-37	SLV_02	-21.02	5.00	-250.37	40.72	40.72	0.655
	2	R50x35-38	SLV_02	-21.02	2.16	-178.83	31.67	22.62	0.618
3309	1	R50x35-33	SLV_03	-6.80	2.20	-92.03	24.76	12.19	0.403
	2	R50x35-26	SLV_03	22.15	1.06	-65.74	12.19	12.19	0.560
331	1	R50x30-21	SLV_02	19.37	1.83	-14.35	6.28	6.28	0.321
3310	1	R80x80-30	SLV_02	21.85	48.17	-333.00	28.90	21.24	0.505
	2	R80x80-31	SLV_02	21.85	26.79	-237.86	22.62	21.24	0.444
3311	1	R80x80-30	SLV_02	22.10	45.34	-330.20	28.90	21.24	0.498
	2	R80x80-31	SLV_02	22.10	24.17	-235.86	22.62	21.24	0.438
3312	1	R60x80-48	SLV_02	24.70	18.28	-344.29	27.52	21.24	0.520
	2	R60x80-44	SLV_02	24.70	7.05	-245.92	21.24	21.24	0.465
332	1	R50x30-21	SLV_02	18.46	2.08	-14.58	6.28	6.28	0.325
333	1	R50x30-21	SLV_02	22.43	2.61	-16.03	6.28	6.28	0.364
334	1	R50x30-21	SLV_02	22.24	-2.85	-16.45	6.28	6.28	0.372
335	1	R50x30-21	SLV_02	19.10	-2.08	-15.17	6.28	6.28	0.336
336	1	R50x30-21	SLV_02	19.01	-1.83	-14.70	6.28	6.28	0.326

337	1	R50x30-21	SLV_02	17.66	1.68	-13.96	6.28	6.28	0.309
338	1	R100x35-152	SLV_01	-163.44	-39.89	-203.15	45.99	15.71	0.545
	2	R100x35-155	SLV_01	144.93	19.14	99.47	27.14	28.27	0.459
339	1	R50x30-21	SLV_02	17.94	1.75	-13.64	6.28	6.28	0.304
340	1	R50x30-21	SLV_02	16.19	1.60	-13.30	6.28	6.28	0.293
341	1	R50x30-21	SLV_02	12.42	2.69	-13.68	6.28	6.28	0.301
342	1	R50x80-57	SLV_02	55.30	-17.00	53.93	15.71	15.71	0.249
	2	R50x80-58	SLV_02	55.30	16.69	-147.62	15.71	9.42	0.453
343	1	R50x80-56	SLV_02	42.18	-16.56	72.79	9.42	15.71	0.272
	2	R50x80-57	SLV_02	42.18	3.72	-74.62	15.71	15.71	0.223
	3	R50x80-58	SLV_02	42.18	15.87	-163.03	15.71	9.42	0.475
344	1	R50x80-56	SLV_02	43.45	-15.77	83.00	9.42	15.71	0.290
	2	R50x80-57	SLV_02	43.45	6.78	-118.22	15.71	15.71	0.338
	3	R50x80-58	SLV_02	43.45	14.29	-185.29	15.71	9.42	0.522
345	1	R50x80-56	SLV_02	47.23	-15.74	83.98	9.42	15.71	0.296
	2	R50x80-57	SLV_02	47.23	6.71	-128.49	15.71	15.71	0.365
	3	R50x80-58	SLV_02	47.23	14.18	-199.31	15.71	9.42	0.559
346	1	R50x80-56	SLV_02	50.41	-14.97	92.39	9.42	15.71	0.313
	2	R50x80-57	SLV_02	50.41	6.14	-133.01	15.71	15.71	0.376
	3	R50x80-58	SLV_02	50.41	13.18	-208.14	15.71	9.42	0.580
347	1	R50x80-56	SLV_02	49.93	-13.80	88.19	9.42	15.71	0.299
	2	R50x80-57	SLV_02	49.93	5.73	-126.50	15.71	15.71	0.359
	3	R50x80-58	SLV_02	49.93	12.23	-198.06	15.71	9.42	0.553
348	1	R50x80-91	SLV_02	50.06	11.30	-167.04	13.57	13.57	0.540
349	1	R50x80-56	SLV_02	50.37	-14.01	89.23	9.42	15.71	0.303
	2	R50x80-57	SLV_02	50.37	5.93	-129.12	15.71	15.71	0.366
	3	R50x80-58	SLV_02	50.37	12.56	-201.90	15.71	9.42	0.563
40	1	R50x30-21	SLV_02	14.33	1.99	-13.94	6.28	6.28	0.304
612	1	R80x30-27	SLV_01	112.34	23.28	-101.57	18.85	12.57	0.798
	2	R80x30-28	SLV_01	112.34	-9.21	31.72	12.57	12.57	0.457
	3	R80x30-27	SLV_01	112.34	-14.22	34.00	18.85	12.57	0.491
613	1	R100x35-150	SLV_01	60.96	32.96	73.67	27.14	15.71	0.577
	2	R100x35-152	SLV_01	-76.44	40.72	-210.57	45.99	15.71	0.553
614	1	R80x30-27	SLV_02	216.77	-31.79	-24.94	18.85	12.57	0.425
	2	R80x30-28	SLV_02	216.77	-44.33	-27.07	12.57	12.57	0.662
621	1	R80x30-28	SLV_02	199.26	-32.73	-42.91	12.57	12.57	0.741
622	1	R80x30-28	SLV_02	175.67	-43.87	-26.78	12.57	12.57	0.607
	2	R80x30-27	SLV_02	175.67	31.18	-26.05	18.85	12.57	0.396
623	1	R100x35-121	SLV_02	-135.26	66.43	-248.99	47.75	21.24	0.641
	2	R100x35-122	SLV_02	108.23	31.33	131.78	22.62	27.52	0.571
650	1	R50x80-56	SLV_02	49.62	15.28	93.00	9.42	15.71	0.315
	2	R50x80-57	SLV_02	49.62	6.69	-134.01	15.71	15.71	0.380
	3	R50x80-58	SLV_02	49.62	13.95	-209.67	15.71	9.42	0.585
651	1	R100x35-78	SLV_01	128.89	-37.91	95.97	22.62	21.24	0.594
	2	R100x35-124	SLV_02	110.26	68.75	-274.44	47.75	27.52	0.690
652	1	R100x30-68	SLV_01	7.66	10.20	-22.46	28.27	15.71	0.118
	2	R100x30-67	SLV_01	7.66	-11.03	-20.54	15.71	15.71	0.187
653	1	R100x30-67	SLV_01	8.70	9.51	-56.79	15.71	15.71	0.461
654	1	R100x30-67	SLV_01	2.28	-11.79	-20.89	15.71	15.71	0.185

654	2	R100x30-68	SLV_01	2.28	11.00	-22.53	28.27	15.71	0.117
	1	R100x35-152	SLV_02	-54.81	62.20	-200.45	45.99	15.71	0.552
655	2	R100x35-150	SLV_01	63.78	11.65	-70.49	27.14	15.71	0.309
	3	R100x35-153	SLV_01	63.78	33.58	74.87	27.14	21.99	0.464
656	1	R80x30-18	SLV_01	122.70	17.23	-52.30	28.90	15.71	0.318
	2	R80x30-17	SLV_01	122.70	19.58	-41.89	22.62	15.71	0.350
657	1	R100x35-155	SLV_01	149.06	19.65	100.17	27.14	28.27	0.464
	2	R100x35-152	SLV_01	-159.19	-41.06	-204.34	45.99	15.71	0.549
658	1	R100x30-68	SLV_02	-0.92	16.45	-18.82	28.27	15.71	0.108
	2	R100x30-67	SLV_01	2.02	-11.98	-21.20	15.71	15.71	0.188
659	1	R100x30-67	SLV_01	8.57	9.27	-57.12	15.71	15.71	0.463
660	1	R100x30-67	SLV_01	7.54	-11.61	-19.10	15.71	15.71	0.177
	2	R100x30-68	SLV_01	7.54	10.60	-23.84	28.27	15.71	0.125
661	1	R100x35-124	SLV_02	117.90	68.44	-272.66	47.75	27.52	0.689
	2	R100x35-78	SLV_01	134.44	-38.94	97.05	22.62	21.24	0.605
662	1	R100x35-122	SLV_02	115.41	31.17	132.65	22.62	27.52	0.577
	2	R100x35-121	SLV_01	-149.69	40.68	-261.85	47.75	21.24	0.643
663	1	R100x30-100	SLV_01	27.61	10.53	-23.33	25.13	12.57	0.148
	2	R100x30-99	SLV_01	27.61	10.18	-21.41	12.57	12.57	0.257
664	1	R100x30-99	SLV_01	28.90	9.47	-54.10	12.57	12.57	0.561
665	1	R100x30-99	SLV_01	21.82	11.76	-21.44	12.57	12.57	0.256
	2	R100x30-100	SLV_01	21.82	11.61	-23.69	25.13	12.57	0.148
666	1	R80x35-21	SLV_01	113.11	-20.69	-139.63	33.43	22.62	0.500
	2	R80x35-19	SLV_02	180.10	27.78	42.76	27.14	22.62	0.365
667	1	R100x30-100	SLV_02	14.71	18.11	-55.01	25.13	12.57	0.306
	2	R100x30-99	SLV_02	14.71	18.38	-72.23	12.57	12.57	0.741
668	1	R80x35-19	SLV_02	188.81	14.07	58.42	27.14	22.62	0.406
	2	R80x35-21	SLV_01	149.55	-21.41	-131.54	33.43	22.62	0.493
669	1	R100x30-99	SLV_02	14.11	18.51	-71.57	12.57	12.57	0.735
	2	R100x30-100	SLV_02	14.11	17.97	-54.24	25.13	12.57	0.301
670	1	R80x35-17	SLV_01	146.33	-20.27	-131.58	33.43	18.10	0.484
	2	R80x35-15	SLV_02	182.06	-13.44	58.67	27.14	18.10	0.487
671	1	R100x30-100	SLV_01	21.44	11.80	-20.81	25.13	12.57	0.134
	2	R100x30-99	SLV_01	21.44	11.94	-22.15	12.57	12.57	0.262
672	1	R100x30-99	SLV_01	28.83	9.62	-54.15	12.57	12.57	0.562
673	1	R100x30-99	SLV_01	26.86	10.55	-19.34	12.57	12.57	0.238
	2	R100x30-100	SLV_01	26.86	10.76	-24.97	25.13	12.57	0.156
674	1	R80x35-15	SLV_02	173.49	27.26	43.23	27.14	18.10	0.428
	2	R80x35-17	SLV_01	111.17	20.41	-139.16	33.43	18.10	0.499
675	1	R100x30-100	SLV_01	37.53	9.86	-24.13	25.13	12.57	0.156
	2	R100x30-99	SLV_01	37.53	-9.92	-17.80	12.57	12.57	0.232
676	1	R100x30-99	SLV_01	39.11	8.51	-51.99	12.57	12.57	0.549
677	1	R100x30-99	SLV_01	30.67	10.58	-22.23	12.57	12.57	0.269
	2	R100x30-100	SLV_01	30.67	11.72	-23.68	25.13	12.57	0.154
678	1	R80x35-17	SLV_01	120.66	22.53	-140.32	33.43	18.10	0.510
	2	R80x35-15	SLV_01	120.66	-18.98	49.05	27.14	18.10	0.401
679	1	R100x30-100	SLV_02	26.38	-16.70	-62.32	25.13	12.57	0.344
	2	R100x30-99	SLV_02	26.38	17.55	-60.02	12.57	12.57	0.637
680	1	R100x30-99	SLV_02	21.04	15.56	-47.36	12.57	12.57	0.508

681	1	R100x30-99	SLV_02	20.98	15.39	-47.56	12.57	12.57	0.509
682	1	R100x30-99	SLV_02	25.92	17.41	-60.41	12.57	12.57	0.639
	2	R100x30-100	SLV_02	25.92	-16.49	-62.06	25.13	12.57	0.342
683	1	R80x35-15	SLV_01	136.45	14.02	57.73	27.14	18.10	0.446
	2	R80x35-18	SLV_01	136.45	-23.66	-133.43	27.14	18.10	0.602
684	1	R100x30-100	SLV_01	30.51	11.86	-23.75	25.13	12.57	0.154
	2	R100x30-99	SLV_01	30.51	10.89	-22.32	12.57	12.57	0.270
685	1	R100x30-99	SLV_01	38.10	8.63	-52.03	12.57	12.57	0.549
686	1	R100x30-99	SLV_01	35.88	-10.09	-16.80	12.57	12.57	0.222
	2	R100x30-100	SLV_01	35.88	9.75	-24.99	25.13	12.57	0.159
688	1	R50x30-21	SLV_02	10.23	-2.94	9.61	6.28	6.28	0.222
690	1	R50x30-21	SLV_02	9.95	2.64	-9.37	6.28	6.28	0.215
692	1	R50x30-21	SLV_02	9.51	2.60	-9.31	6.28	6.28	0.213
694	1	R50x30-21	SLV_02	7.73	-2.75	9.31	6.28	6.28	0.210
696	1	R50x30-21	SLV_02	15.41	3.43	-10.67	6.28	6.28	0.256
697	1	R50x30-21	SLV_02	43.79	2.00	-44.93	6.28	6.28	0.943
698	1	R50x80-56	SLV_02	48.00	15.33	84.41	9.42	15.71	0.295
	2	R50x80-57	SLV_02	48.00	-6.31	-129.13	15.71	15.71	0.364
	3	R50x80-58	SLV_02	48.00	-13.52	-200.31	15.71	9.42	0.558
699	1	R50x30-21	SLV_02	45.16	2.22	-44.88	6.28	6.28	0.946
701	1	R50x30-21	SLV_02	15.43	3.17	-11.10	6.28	6.28	0.262
703	1	R50x30-21	SLV_02	7.54	-2.78	10.07	6.28	6.28	0.224
705	1	R50x30-21	SLV_02	9.52	2.59	-9.83	6.28	6.28	0.222
707	1	R50x30-21	SLV_02	9.14	2.51	-9.50	6.28	6.28	0.215
709	1	R50x30-21	SLV_02	9.21	-2.74	9.51	6.28	6.28	0.217
712	1	R50x30-21	SLV_02	21.09	-1.94	7.39	6.28	6.28	0.198
713	1	R50x30-21	SLV_02	20.21	-2.01	7.29	6.28	6.28	0.194
714	1	R50x30-21	SLV_02	22.06	-1.65	6.79	6.28	6.28	0.186
715	1	R50x30-21	SLV_02	26.22	-1.50	6.63	6.28	6.28	0.191
716	1	R50x30-28	SLV_02	23.53	1.25	-7.13	12.19	12.19	0.102
717	1	R50x30-21	SLV_02	26.64	-1.48	6.64	6.28	6.28	0.192
718	1	R50x30-21	SLV_02	21.81	-1.54	6.76	6.28	6.28	0.184
719	1	R50x30-21	SLV_02	20.29	-1.84	7.25	6.28	6.28	0.193
720	1	R50x30-21	SLV_02	21.06	-2.04	7.22	6.28	6.28	0.195
721	1	R80x30-17	SLV_01	106.05	14.25	-70.88	22.62	15.71	0.481
722	1	R80x30-17	SLV_01	90.72	18.06	-40.69	22.62	15.71	0.322
	2	R80x30-18	SLV_01	90.72	15.91	-53.15	28.90	15.71	0.302
724	1	R80x30-18	SLV_01	130.23	-10.82	33.15	28.90	15.71	0.395
	2	R80x30-17	SLV_01	130.23	14.36	-111.10	22.62	15.71	0.711
726	1	R80x30-17	SLV_01	139.50	14.63	-111.34	22.62	15.71	0.718
	2	R80x30-18	SLV_01	139.50	-11.04	33.27	28.90	15.71	0.405
728	1	R80x30-18	SLV_01	97.65	-16.46	-52.22	28.90	15.71	0.302
	2	R80x30-17	SLV_01	97.65	18.55	-43.58	22.62	15.71	0.343
729	1	R80x30-17	SLV_01	108.75	14.54	-71.35	22.62	15.71	0.486
730	1	R80x30-17	SLV_01	122.21	19.44	-38.97	22.62	15.71	0.334
	2	R80x30-18	SLV_01	122.21	16.88	-55.11	28.90	15.71	0.328
732	1	R80x30-18	SLV_01	193.09	-11.45	33.59	28.90	15.71	0.453
	2	R80x30-17	SLV_01	193.09	18.67	-108.42	22.62	15.71	0.744
733	1	R80x30-26	SLV_02	15.97	-17.14	-41.46	12.57	12.57	0.464

734	1	R100x30-114	SLV_01	20.18	31.47	-125.41	24.38	12.57	0.688
	2	R100x30-110	SLV_01	20.18	-10.70	51.52	18.10	12.57	0.530
	3	R100x30-109	SLV_01	20.18	-16.27	52.75	30.66	12.57	0.555
736	1	R100x30-111	SLV_01	-29.31	21.95	-71.83	36.95	12.57	0.294
	2	R100x30-110	SLV_01	23.12	26.06	-49.68	18.10	12.57	0.402
737	1	R100x30-110	SLV_01	17.13	21.12	-89.24	18.10	12.57	0.647
738	1	R100x30-110	SLV_01	11.33	24.38	-49.40	18.10	12.57	0.388
	2	R100x30-111	SLV_01	-20.56	20.95	-69.99	36.95	12.57	0.285
740	1	R100x30-111	SLV_01	11.07	-13.25	37.58	36.95	12.57	0.392
	2	R100x30-110	SLV_02	19.13	-14.08	36.14	18.10	12.57	0.394
	3	R100x30-114	SLV_02	19.13	49.05	-133.17	24.38	12.57	0.759
742	1	R100x30-114	SLV_02	18.51	48.00	-133.71	24.38	12.57	0.759
	2	R100x30-110	SLV_02	18.51	-13.97	36.29	18.10	12.57	0.394
	3	R100x30-111	SLV_01	11.64	-13.57	37.37	36.95	12.57	0.391
744	1	R100x30-111	SLV_01	-21.82	21.44	-68.37	36.95	12.57	0.280
	2	R100x30-110	SLV_01	10.20	24.87	-53.39	18.10	12.57	0.415
745	1	R100x30-110	SLV_01	16.34	21.13	-90.23	18.10	12.57	0.653
746	1	R100x30-110	SLV_01	22.18	26.10	-49.02	18.10	12.57	0.397
	2	R100x30-111	SLV_01	-30.31	21.58	-74.98	36.95	12.57	0.305
747	1	R50x80-56	SLV_02	43.30	15.55	83.29	9.42	15.71	0.289
	2	R50x80-57	SLV_02	43.30	6.50	-118.67	15.71	15.71	0.338
	3	R50x80-58	SLV_02	43.30	13.78	-185.98	15.71	9.42	0.522
749	1	R100x30-111	SLV_01	19.69	-15.73	51.17	36.95	12.57	0.534
	2	R100x30-110	SLV_01	19.69	-10.29	50.44	18.10	12.57	0.518
	3	R100x30-114	SLV_01	19.69	31.09	-122.72	24.38	12.57	0.674
750	1	R80x30-26	SLV_02	15.46	-16.66	-40.41	12.57	12.57	0.452
752	1	R100x30-82	SLV_01	81.89	18.80	-66.05	21.99	15.71	0.451
	2	R100x30-67	SLV_01	81.89	19.72	-43.61	15.71	15.71	0.449
753	1	R100x30-67	SLV_01	78.83	17.75	-77.47	15.71	15.71	0.697
754	1	R100x30-67	SLV_01	72.33	19.73	-53.28	15.71	15.71	0.514
	2	R100x30-82	SLV_01	72.33	18.21	-63.34	21.99	15.71	0.429
756	1	R100x30-82	SLV_01	41.16	20.16	-83.93	21.99	15.71	0.529
	2	R100x30-67	SLV_02	96.31	-13.50	20.61	15.71	15.71	0.276
	3	R100x30-68	SLV_01	41.16	-19.39	-100.41	28.27	15.71	0.480
758	1	R100x30-68	SLV_01	46.55	-19.95	-101.15	28.27	15.71	0.487
	2	R100x30-67	SLV_02	97.39	-13.21	21.07	15.71	15.71	0.279
	3	R100x30-82	SLV_01	46.55	20.62	-84.16	21.99	15.71	0.534
760	1	R100x30-82	SLV_01	75.54	18.74	-62.87	21.99	15.71	0.430
	2	R100x30-67	SLV_01	75.54	20.18	-54.04	15.71	15.71	0.524
761	1	R100x30-67	SLV_01	81.71	17.72	-78.05	15.71	15.71	0.703
762	1	R100x30-67	SLV_01	83.21	19.84	-43.17	15.71	15.71	0.447
	2	R100x30-82	SLV_01	83.21	18.42	-65.94	21.99	15.71	0.450
776	1	R50x30-21	SLV_02	4.26	7.08	-45.02	6.28	6.28	0.903
777	1	R50x30-19	SLV_02	2.54	5.61	-62.35	9.42	9.42	0.831
778	1	R50x30-19	SLV_02	11.95	-5.23	57.10	9.42	9.42	0.774
779	1	R50x30-19	SLV_02	17.57	-4.90	51.57	9.42	9.42	0.709
780	1	R50x30-19	SLV_02	11.30	4.78	-49.19	9.42	9.42	0.670
781	1	R50x30-19	SLV_02	16.48	-7.75	42.13	9.42	9.42	0.607
	1	R50x30-18	SLV_02	99.03	-5.02	43.93	15.71	9.42	0.728

782	2	R50x30-19	SLV_02	99.03	-1.65	19.87	9.42	9.42	0.402
	3	R50x30-20	SLV_02	99.03	5.43	-44.90	9.42	15.71	0.743
783	1	R50x30-21	SLV_02	20.13	4.23	-10.84	6.28	6.28	0.275
784	1	R50x30-19	SLV_02	4.56	-4.92	32.62	9.42	9.42	0.452
785	1	R50x30-19	SLV_02	3.26	-2.90	35.86	9.42	9.42	0.478
	1	R50x30-18	SLV_02	98.92	-4.59	43.36	15.71	9.42	0.717
786	2	R50x30-19	SLV_02	98.92	-1.53	19.72	9.42	9.42	0.399
	3	R50x30-20	SLV_02	98.92	5.36	-44.24	9.42	15.71	0.734
787	1	R50x30-19	SLV_02	16.12	-7.69	42.42	9.42	9.42	0.610
788	1	R50x30-19	SLV_02	11.03	5.12	-49.65	9.42	9.42	0.678
789	1	R50x30-19	SLV_02	17.11	-4.85	51.37	9.42	9.42	0.706
790	1	R50x30-19	SLV_02	11.59	-4.99	55.73	9.42	9.42	0.755
	1	R50x80-56	SLV_02	42.06	16.50	72.77	9.42	15.71	0.271
791	2	R50x80-57	SLV_02	42.06	-3.73	-74.52	15.71	15.71	0.222
	3	R50x80-58	SLV_02	42.06	-15.85	-162.87	15.71	9.42	0.473
792	1	R50x80-57	SLV_02	54.88	17.03	52.06	15.71	15.71	0.244
	2	R50x80-58	SLV_02	54.88	-16.83	-143.43	15.71	9.42	0.442
793	1	R50x30-19	SLV_02	2.42	5.37	-60.70	9.42	9.42	0.808
794	1	R50x30-21	SLV_02	22.68	2.72	-21.28	6.28	6.28	0.464
795	1	R50x30-21	SLV_02	20.79	-1.31	11.15	6.28	6.28	0.262
796	1	R50x30-21	SLV_02	20.94	-1.36	11.24	6.28	6.28	0.264
797	1	R50x30-21	SLV_02	21.76	2.70	-21.55	6.28	6.28	0.467
802	1	R50x30-21	SLV_02	8.83	-2.66	-13.93	6.28	6.28	0.295
803	1	R50x30-21	SLV_02	4.42	7.02	-46.14	6.28	6.28	0.923
804	1	R50x30-21	SLV_02	27.28	2.35	-5.37	6.28	6.28	0.177
805	1	R50x30-21	SLV_02	12.47	1.05	-8.35	6.28	6.28	0.189
806	1	R50x30-21	SLV_02	10.60	1.17	-8.20	6.28	6.28	0.183
807	1	R50x30-21	SLV_02	24.63	-2.31	-5.27	6.28	6.28	0.167
808	1	R50x30-21	SLV_02	50.65	-1.56	9.84	6.28	6.28	0.304
809	1	R50x30-21	SLV_02	43.83	-1.61	9.92	6.28	6.28	0.290
810	1	R50x50-2	SLV_01	22.87	2.68	-19.18	9.42	9.42	0.174
811	1	R50x50-2	SLV_01	60.78	2.87	-17.99	9.42	9.42	0.223
812	1	R50x50-2	SLV_01	57.61	2.90	-17.28	9.42	9.42	0.214
813	1	R50x50-2	SLV_01	25.91	2.62	-19.26	9.42	9.42	0.179
814	1	R50x80-56	SLV_01	98.35	6.04	26.62	9.42	15.71	0.191
	2	R50x80-58	SLV_01	98.35	-6.71	-45.81	15.71	9.42	0.224
816	1	R50x80-58	SLV_02	71.68	7.16	-37.94	15.71	9.42	0.185
	2	R50x80-56	SLV_02	71.68	-2.73	13.05	9.42	15.71	0.113
818	3	R50x80-57	SLV_02	71.68	-7.59	-26.78	15.71	15.71	0.165
	1	R50x80-57	SLV_02	63.71	-7.34	-35.84	15.71	15.71	0.171
819	2	R50x80-56	SLV_02	63.71	-2.60	16.54	9.42	15.71	0.113
	3	R50x80-57	SLV_02	63.71	6.97	-35.38	15.71	15.71	0.169
820	1	R50x80-57	SLV_02	61.82	-6.42	-40.35	15.71	15.71	0.173
	2	R50x80-56	SLV_02	61.82	-2.20	24.96	9.42	15.71	0.122
821	3	R50x80-57	SLV_02	61.82	6.45	-24.20	15.71	15.71	0.144
	1	R50x80-57	SLV_02	56.88	-7.04	-11.69	15.71	15.71	0.120
821	2	R50x80-58	SLV_02	56.88	7.20	-65.02	15.71	9.42	0.227
	1	R50x80-58	SLV_02	57.26	7.00	-65.13	15.71	9.42	0.226
821	2	R50x80-57	SLV_02	57.26	-7.05	-10.96	15.71	15.71	0.119

822	1	R50x80-57	SLV_02	62.72	6.29	-24.13	15.71	15.71	0.144
	2	R50x80-56	SLV_02	62.72	-2.17	25.15	9.42	15.71	0.123
	3	R50x80-57	SLV_02	62.72	-6.22	-40.35	15.71	15.71	0.173
823	1	R50x80-57	SLV_02	64.59	6.93	-35.13	15.71	15.71	0.169
	2	R50x80-56	SLV_02	64.59	-2.56	16.49	9.42	15.71	0.114
	3	R50x80-57	SLV_02	64.59	-7.26	-36.24	15.71	15.71	0.172
825	1	R50x80-69	SLV_02	70.06	-7.58	-26.67	15.71	15.71	0.167
	2	R50x80-68	SLV_02	70.06	-2.73	13.26	9.42	15.71	0.114
	3	R50x80-69	SLV_02	70.06	7.17	-37.70	15.71	15.71	0.184
827	1	R50x80-71	SLV_01	93.98	-6.96	-46.45	15.71	9.42	0.223
	2	R50x80-68	SLV_01	93.98	6.26	26.27	9.42	15.71	0.189
828	1	R100x30-67	SLV_02	23.92	17.14	-58.91	15.71	15.71	0.509
	2	R100x30-68	SLV_02	23.92	-20.70	-58.53	28.27	15.71	0.295
829	1	R100x30-104	SLV_02	16.19	17.68	-78.14	18.85	12.57	0.548
	2	R100x30-99	SLV_01	29.55	-1.99	37.50	12.57	12.57	0.386
	3	R100x30-100	SLV_02	16.19	-19.55	-68.95	25.13	12.57	0.374
830	1	R80x30-26	SLV_01	39.08	4.61	-55.78	12.57	12.57	0.584
831	1	R30x80-2	SLV_02	62.19	5.21	-177.56	9.42	9.42	0.822
832	1	R80x30-26	SLV_01	38.48	4.48	-55.45	12.57	12.57	0.579
833	1	R30x80-2	SLV_02	60.95	5.01	-174.40	9.42	9.42	0.807
834	1	R100x30-68	SLV_02	22.75	-19.82	-58.76	28.27	15.71	0.294
	2	R100x30-67	SLV_02	22.75	16.96	-58.24	15.71	15.71	0.502
835	1	R100x30-100	SLV_02	15.32	18.20	-69.30	25.13	12.57	0.375
	2	R100x30-99	SLV_01	29.44	-2.06	37.15	12.57	12.57	0.382
	3	R100x30-104	SLV_02	15.32	17.15	-77.51	18.85	12.57	0.543
836	1	R50x30-19	SLV_02	11.97	7.16	-49.03	9.42	9.42	0.685
837	1	R50x30-28	SLV_02	16.21	2.42	-62.24	12.19	12.19	0.647
838	1	R50x30-28	SLV_02	4.33	-3.22	32.34	12.19	12.19	0.342
840	1	R100x30-68	SLV_01	23.15	15.32	-21.96	28.27	15.71	0.132
	2	R100x30-67	SLV_01	23.15	16.53	-22.16	15.71	15.71	0.226
841	1	R100x30-67	SLV_01	17.91	14.08	-58.40	15.71	15.71	0.492
842	1	R100x30-67	SLV_01	13.88	-16.78	-22.02	15.71	15.71	0.216
	2	R100x30-68	SLV_01	13.88	15.57	-22.62	28.27	15.71	0.131
844	1	R50x30-19	SLV_02	10.73	5.58	-44.99	9.42	9.42	0.621
846	1	R100x30-68	SLV_01	23.80	16.92	-19.16	28.27	15.71	0.123
	2	R100x30-67	SLV_01	23.80	17.13	-25.66	15.71	15.71	0.255
847	1	R100x30-67	SLV_01	22.51	15.16	-59.70	15.71	15.71	0.509
848	1	R100x30-67	SLV_01	25.19	19.02	-18.77	15.71	15.71	0.207
	2	R100x30-68	SLV_01	25.19	-16.98	-25.84	28.27	15.71	0.151
851	1	R100x30-100	SLV_01	54.80	14.07	-23.89	25.13	12.57	0.172
	2	R100x30-99	SLV_01	54.80	-15.67	-24.09	12.57	12.57	0.325
852	1	R100x30-99	SLV_02	49.35	18.26	-54.59	12.57	12.57	0.611
853	1	R100x30-99	SLV_01	45.24	15.65	-23.19	12.57	12.57	0.307
	2	R100x30-100	SLV_01	45.24	15.54	-24.89	25.13	12.57	0.175
855	1	R100x30-100	SLV_02	38.90	-22.98	-53.89	25.13	12.57	0.321
	2	R100x30-99	SLV_02	38.90	4.09	29.24	12.57	12.57	0.324
	3	R100x30-104	SLV_02	38.90	23.66	-83.00	18.85	12.57	0.609
857	1	R100x30-104	SLV_02	39.39	22.31	-87.11	18.85	12.57	0.632
	2	R100x30-99	SLV_02	39.39	-7.25	29.09	12.57	12.57	0.332

	3	R100x30-100	SLV_02	39.39	-21.79	-52.90	25.13	12.57	0.314
859	1	R100x30-100	SLV_01	54.05	-15.37	-17.39	25.13	12.57	0.142
	2	R100x30-99	SLV_01	54.05	15.26	-25.25	12.57	12.57	0.334
860	1	R100x30-99	SLV_02	49.87	19.02	-56.23	12.57	12.57	0.629
861	1	R100x30-99	SLV_01	56.46	-16.94	-18.19	12.57	12.57	0.275
	2	R100x30-100	SLV_01	56.46	14.31	-28.30	25.13	12.57	0.195
863	1	R100x30-82	SLV_01	72.49	12.67	-27.61	21.99	15.71	0.225
	2	R100x30-67	SLV_01	72.49	-13.08	-18.52	15.71	15.71	0.234
864	1	R100x30-67	SLV_02	72.98	15.87	-53.75	15.71	15.71	0.508
865	1	R100x30-67	SLV_02	72.26	19.38	-21.99	15.71	15.71	0.277
	2	R100x30-68	SLV_02	72.26	23.34	-20.77	28.27	15.71	0.168
867	1	R100x30-68	SLV_02	61.25	19.10	-60.90	28.27	15.71	0.324
	2	R100x30-67	SLV_02	61.25	21.23	-63.04	15.71	15.71	0.583
868	1	R100x30-67	SLV_02	53.29	14.83	-52.74	15.71	15.71	0.481
869	1	R100x30-67	SLV_02	53.17	15.23	-53.02	15.71	15.71	0.484
870	1	R100x30-67	SLV_02	60.90	21.21	-64.17	15.71	15.71	0.591
	2	R100x30-68	SLV_02	60.90	-19.93	-60.44	28.27	15.71	0.322
872	1	R100x30-68	SLV_02	70.66	23.43	-20.21	28.27	15.71	0.165
	2	R100x30-67	SLV_02	70.66	19.01	-21.90	15.71	15.71	0.274
873	1	R100x30-67	SLV_02	73.14	16.10	-54.02	15.71	15.71	0.511
874	1	R100x30-67	SLV_01	74.50	-13.60	-15.31	15.71	15.71	0.213
	2	R100x30-82	SLV_01	74.50	12.20	-30.10	21.99	15.71	0.239
876	1	R50x30-21	SLV_02	18.53	-4.68	14.61	6.28	6.28	0.346
878	1	R50x30-21	SLV_02	16.16	4.31	-13.91	6.28	6.28	0.325
880	1	R50x30-21	SLV_02	15.81	4.17	-13.37	6.28	6.28	0.313
882	1	R50x30-21	SLV_02	13.43	4.23	-13.33	6.28	6.28	0.308
884	1	R50x30-21	SLV_02	23.14	-4.60	15.95	6.28	6.28	0.379
885	1	R50x30-19	SLV_02	53.11	2.79	-53.18	9.42	9.42	0.767
886	1	R50x30-19	SLV_02	52.51	3.01	-52.93	9.42	9.42	0.764
888	1	R50x30-21	SLV_02	22.28	-4.80	-16.68	6.28	6.28	0.389
890	1	R50x30-21	SLV_02	14.87	-3.99	14.92	6.28	6.28	0.339
892	1	R50x30-21	SLV_02	21.93	-4.04	15.51	6.28	6.28	0.365
894	1	R50x30-21	SLV_02	15.55	-4.17	14.28	6.28	6.28	0.330
896	1	R50x30-21	SLV_02	17.75	-4.45	14.49	6.28	6.28	0.340
899	1	R50x30-21	SLV_02	24.59	2.69	11.97	6.28	6.28	0.294
900	1	R50x30-21	SLV_02	27.01	-2.69	11.86	6.28	6.28	0.298
901	1	R50x30-21	SLV_02	33.00	-2.21	10.96	6.28	6.28	0.291
902	1	R50x30-19	SLV_02	38.43	-2.00	10.68	9.42	9.42	0.203
903	1	R50x30-21	SLV_02	33.10	-1.74	10.15	6.28	6.28	0.273
904	1	R50x30-19	SLV_02	38.52	2.00	10.75	9.42	9.42	0.204
905	1	R50x30-21	SLV_02	32.97	-2.06	10.89	6.28	6.28	0.289
906	1	R50x30-21	SLV_02	29.31	-2.52	11.69	6.28	6.28	0.300
907	1	R50x30-21	SLV_02	24.48	-2.71	11.66	6.28	6.28	0.289
908	1	R50x30-21	SLV_02	14.32	3.16	-22.62	6.28	6.28	0.475
909	1	R50x30-21	SLV_02	10.55	3.93	-21.71	6.28	6.28	0.456
910	1	R50x30-21	SLV_02	10.90	3.62	-21.98	6.28	6.28	0.460
911	1	R50x30-21	SLV_02	14.95	3.79	-22.42	6.28	6.28	0.477
912	1	R50x30-21	SLV_02	13.14	3.90	-22.70	6.28	6.28	0.480
913	1	R50x30-21	SLV_02	18.78	4.23	-24.76	6.28	6.28	0.532

914	1	R50x30-21	SLV_02	17.83	-3.91	-25.39	6.28	6.28	0.536
915	1	R50x30-21	SLV_02	13.83	-3.68	23.64	6.28	6.28	0.497
916	1	R50x30-21	SLV_02	16.63	-3.86	24.26	6.28	6.28	0.516
917	1	R50x30-21	SLV_02	11.42	3.66	-22.06	6.28	6.28	0.463
918	1	R50x30-21	SLV_02	10.52	3.70	-21.58	6.28	6.28	0.452
919	1	R50x30-21	SLV_02	13.66	3.30	-21.79	6.28	6.28	0.459
920	1	R50x80-56	SLV_02	99.11	-30.47	113.62	9.42	15.71	0.482
	2	R50x80-58	SLV_02	99.11	32.60	-242.42	15.71	9.42	0.769
921	1	R50x80-56	SLV_02	52.69	-29.09	128.08	9.42	15.71	0.459
	2	R50x80-57	SLV_02	52.69	7.42	-112.47	15.71	15.71	0.333
	3	R50x80-58	SLV_02	52.69	29.33	-256.77	15.71	9.42	0.752
922	1	R50x80-56	SLV_02	49.97	-28.30	144.54	9.42	15.71	0.487
	2	R50x80-57	SLV_02	49.97	13.46	-181.52	15.71	15.71	0.513
	3	R50x80-58	SLV_02	49.97	27.37	-290.20	15.71	9.42	0.820
923	1	R50x80-56	SLV_02	57.16	-26.16	152.27	9.42	15.71	0.499
	2	R50x80-57	SLV_02	57.16	12.12	-198.45	15.71	15.71	0.556
	3	R50x80-58	SLV_02	57.16	24.87	-315.35	15.71	9.42	0.877
924	1	R50x80-56	SLV_02	66.56	-24.90	161.68	9.42	15.71	0.524
	2	R50x80-57	SLV_02	66.56	11.22	-205.50	15.71	15.71	0.579
	3	R50x80-58	SLV_02	66.56	23.26	-327.88	15.71	9.42	0.910
925	1	R50x80-56	SLV_02	68.23	-22.09	154.71	9.42	15.71	0.500
	2	R50x80-57	SLV_02	68.23	9.64	-195.53	15.71	15.71	0.551
	3	R50x80-58	SLV_02	68.23	20.22	-312.27	15.71	9.42	0.865
926	1	R50x80-56	SLV_02	64.69	-21.71	115.45	9.42	15.71	0.407
	2	R50x80-57	SLV_02	64.69	9.47	-159.15	15.71	15.71	0.461
	3	R50x80-58	SLV_02	64.69	19.85	-250.68	15.71	9.42	0.713
927	1	R50x80-56	SLV_02	69.21	-22.94	155.69	9.42	15.71	0.506
	2	R50x80-57	SLV_02	69.21	10.36	-195.80	15.71	15.71	0.555
	3	R50x80-58	SLV_02	69.21	21.45	-312.96	15.71	9.42	0.871
928	1	R50x80-56	SLV_02	67.98	25.26	162.75	9.42	15.71	0.529
	2	R50x80-57	SLV_02	67.98	11.30	-206.38	15.71	15.71	0.582
	3	R50x80-58	SLV_02	67.98	23.45	-329.43	15.71	9.42	0.915
929	1	R50x80-56	SLV_02	58.97	26.57	152.82	9.42	15.71	0.503
	2	R50x80-57	SLV_02	58.97	12.27	-199.18	15.71	15.71	0.560
	3	R50x80-58	SLV_02	58.97	-25.51	-316.52	15.71	9.42	0.882
930	1	R50x80-56	SLV_02	52.47	-28.11	144.72	9.42	15.71	0.489
	2	R50x80-57	SLV_02	52.47	-13.72	-181.75	15.71	15.71	0.516
	3	R50x80-58	SLV_02	52.47	-27.84	-290.56	15.71	9.42	0.825
931	1	R50x80-56	SLV_02	54.54	29.34	127.66	9.42	15.71	0.458
	2	R50x80-57	SLV_02	54.54	-7.57	-112.03	15.71	15.71	0.333
	3	R50x80-58	SLV_02	54.54	-29.72	-255.81	15.71	9.42	0.752
932	1	R50x80-57	SLV_02	100.04	30.70	109.02	15.71	15.71	0.470
	2	R50x80-58	SLV_02	100.04	-32.81	-236.05	15.71	9.42	0.754
933	1	R50x30-21	SLV_02	12.50	5.60	-44.43	6.28	6.28	0.897
934	1	R50x30-21	SLV_02	38.71	3.48	-20.32	6.28	6.28	0.486
935	1	R50x30-21	SLV_02	25.29	-1.85	11.83	6.28	6.28	0.288
936	1	R50x30-21	SLV_02	26.01	-1.87	11.92	6.28	6.28	0.292
937	1	R50x30-21	SLV_02	36.99	3.34	-20.86	6.28	6.28	0.491
942	1	R50x30-21	SLV_02	12.25	3.89	-20.05	6.28	6.28	0.429

943	1	R50x30-21	SLV_02	10.84	-3.90	-20.10	6.28	6.28	0.423
944	1	R50x30-21	SLV_02	28.96	-5.77	9.06	6.28	6.28	0.272
945	1	R50x30-21	SLV_02	29.53	3.06	-14.07	6.28	6.28	0.347
946	1	R50x30-21	SLV_02	27.33	2.82	-13.67	6.28	6.28	0.333
947	1	R50x30-21	SLV_02	27.15	5.75	8.82	6.28	6.28	0.262
948	1	R50x30-21	SLV_02	75.74	-1.82	17.18	6.28	6.28	0.495
949	1	R50x30-21	SLV_02	72.98	-1.95	17.38	6.28	6.28	0.493
950	1	R50x50-2	SLV_01	39.97	3.87	-26.99	9.42	9.42	0.257
951	1	R50x50-2	SLV_02	103.27	3.88	-27.47	9.42	9.42	0.353
952	1	R50x50-2	SLV_02	100.92	3.84	-25.93	9.42	9.42	0.340
953	1	R50x50-2	SLV_02	35.90	5.10	-27.17	9.42	9.42	0.257
954	1	R50x80-56	SLV_02	174.73	7.22	49.86	9.42	15.71	0.318
	2	R50x80-57	SLV_02	174.73	2.29	32.71	15.71	15.71	0.236
	3	R50x80-58	SLV_02	174.73	-9.74	-69.82	15.71	9.42	0.366
956	1	R50x80-58	SLV_02	170.24	10.57	-46.37	15.71	9.42	0.332
	2	R50x80-56	SLV_02	170.24	-3.43	2.51	9.42	15.71	0.252
	3	R50x80-57	SLV_02	170.24	-11.13	-23.09	15.71	15.71	0.280
958	1	R50x80-57	SLV_02	150.13	-9.84	-38.35	15.71	15.71	0.280
	2	R50x80-56	SLV_02	150.13	-3.44	18.40	9.42	15.71	0.196
	3	R50x80-57	SLV_02	150.13	9.39	-34.21	15.71	15.71	0.270
959	1	R50x80-57	SLV_02	142.67	-8.29	-43.33	15.71	15.71	0.272
	2	R50x80-56	SLV_02	142.67	-2.92	33.74	9.42	15.71	0.220
	3	R50x80-57	SLV_02	142.67	8.47	-14.71	15.71	15.71	0.219
960	1	R50x80-57	SLV_02	134.08	9.14	27.91	15.71	15.71	0.241
	2	R50x80-58	SLV_02	134.08	9.47	-106.43	15.71	9.42	0.398
961	1	R50x80-58	SLV_02	134.28	9.58	-106.68	15.71	9.42	0.399
	2	R50x80-57	SLV_02	134.28	-9.16	28.55	15.71	15.71	0.242
962	1	R50x80-57	SLV_02	143.80	8.58	-14.39	15.71	15.71	0.220
	2	R50x80-56	SLV_02	143.80	2.98	34.07	9.42	15.71	0.223
	3	R50x80-57	SLV_02	143.80	-8.28	-43.53	15.71	15.71	0.274
963	1	R50x80-57	SLV_02	151.65	9.43	-33.71	15.71	15.71	0.271
	2	R50x80-56	SLV_02	151.65	-3.47	18.33	9.42	15.71	0.197
	3	R50x80-57	SLV_02	151.65	-9.90	-39.29	15.71	15.71	0.284
965	1	R50x80-69	SLV_02	170.44	-11.20	-22.92	15.71	15.71	0.289
	2	R50x80-68	SLV_02	170.44	-3.44	3.00	9.42	15.71	0.252
	3	R50x80-71	SLV_02	170.44	10.65	-45.88	15.71	9.42	0.336
967	1	R50x80-71	SLV_02	161.87	-10.26	-70.34	15.71	9.42	0.359
	2	R50x80-69	SLV_01	161.83	2.27	31.84	15.71	15.71	0.226
	3	R50x80-68	SLV_02	161.87	7.46	49.70	9.42	15.71	0.309
968	1	R100x30-67	SLV_02	27.71	23.58	-68.98	15.71	15.71	0.602
	2	R100x30-68	SLV_02	27.71	-28.51	-52.88	28.27	15.71	0.286
969	1	R100x30-104	SLV_02	37.34	22.49	-90.58	18.85	12.57	0.653
	2	R100x30-99	SLV_01	51.35	3.35	40.13	12.57	12.57	0.436
	3	R100x30-100	SLV_02	37.34	-25.02	-62.89	25.13	12.57	0.367
970	1	R80x30-26	SLV_01	61.22	7.42	-59.46	12.57	12.57	0.652
971	1	R80x30-26	SLV_01	59.54	7.58	-59.11	12.57	12.57	0.647
972	1	R100x30-68	SLV_02	26.25	-28.39	-54.07	28.27	15.71	0.290
	2	R100x30-67	SLV_02	26.25	23.49	-67.56	15.71	15.71	0.590
	1	R100x30-100	SLV_02	35.05	-24.31	-64.61	25.13	12.57	0.373

973	2	R100x30-99	SLV_01	49.91	3.10	39.46	12.57	12.57	0.428
	3	R100x30-104	SLV_02	35.05	22.43	-88.90	18.85	12.57	0.641
974	1	R50x30-21	SLV_02	15.23	2.80	-48.18	6.28	6.28	0.951
975	1	R50x30-21	SLV_02	1.00	-3.34	24.41	6.28	6.28	0.483
977	1	R100x35-101	SLV_01	38.76	27.16	-41.49	31.42	12.57	0.191
	2	R100x35-100	SLV_01	38.76	30.79	-36.53	12.57	12.57	0.405
978	1	R100x35-100	SLV_01	30.10	24.37	-77.59	12.57	12.57	0.693
979	1	R100x35-100	SLV_01	28.31	26.42	-34.75	12.57	12.57	0.368
	2	R100x35-101	SLV_01	28.31	25.47	-38.21	31.42	12.57	0.174
981	1	R50x30-19	SLV_02	9.65	4.89	-34.33	9.42	9.42	0.480
984	1	R100x35-112	SLV_01	84.17	33.28	-107.51	18.85	12.57	0.690
	2	R100x35-113	SLV_01	84.17	4.45	49.89	12.57	12.57	0.480
	3	R100x35-112	SLV_01	84.17	29.46	-98.44	18.85	12.57	0.637
985	1	R100x35-112	SLV_01	68.04	-34.56	-40.88	18.85	12.57	0.334
	2	R100x35-113	SLV_01	68.04	-9.73	7.15	12.57	12.57	0.159
	3	R100x35-114	SLV_01	68.04	28.44	-43.38	25.13	12.57	0.260
988	1	R100x35-94	SLV_02	103.17	38.57	-40.46	36.95	18.10	0.199
	2	R100x35-92	SLV_01	99.73	28.87	-41.96	18.10	18.10	0.358
989	1	R100x30-65	SLV_02	91.79	29.75	-81.38	18.85	12.57	0.647
	2	R100x30-66	SLV_02	91.79	-5.03	40.58	12.57	12.57	0.491
	3	R100x30-65	SLV_02	91.79	32.36	-80.17	18.85	12.57	0.646
990	1	R100x35-106	SLV_01	78.58	29.41	-37.82	15.71	15.71	0.376
	2	R100x35-107	SLV_02	93.29	38.59	-37.55	34.56	15.71	0.204
992	1	R100x35-107	SLV_02	94.12	-21.32	36.64	34.56	15.71	0.352
	2	R100x35-106	SLV_02	94.12	-13.04	46.84	15.71	15.71	0.404
	3	R100x35-110	SLV_02	94.12	38.32	-139.96	21.99	15.71	0.759
996	1	L80x145-35	SLV_01	76.64	-10.02	-255.87	22.62	27.14	0.266
997	1	R100x35-111	SLV_02	123.17	-44.10	-129.28	21.99	15.71	0.734
	2	R100x35-98	SLV_02	123.17	-8.01	61.17	15.71	15.71	0.504
	3	R100x35-111	SLV_02	123.17	41.24	-118.01	21.99	15.71	0.683
998	1	R100x35-99	SLV_02	117.36	52.84	-45.33	21.99	15.71	0.379
	2	R100x35-98	SLV_02	117.36	17.15	7.98	15.71	15.71	0.210
	3	R100x35-99	SLV_01	111.34	26.88	-48.92	21.99	15.71	0.345

SLV:VERIFICHE M-N PILASTRI

Pilastro	Segmento	Sezione	Combinazione	N [kN]	M2 [kNm]	M3 [kNm]	As [cm ²]	β maj	β min	D/C
1	1	R60x80-72	SLV_01	-1875.98	37.52	-58.42	54.29	0.70	0.70	0.247
10	1	R60x80-72	SLV_01	-2265.73	-45.31	-74.11	54.29	0.70	0.70	0.301
100	1	C50-3	SLV_02	-475.13	9.50	-16.10	45.24	0.87	0.94	0.147
101	1	C50-4	SLV_02	-1220.31	-56.57	-24.41	27.14	0.70	0.70	0.483
102	1	C50-4	SLV_02	-755.39	61.18	-15.11	27.14	0.61	0.65	0.386
103	1	C50-4	SLV_02	-752.85	59.40	15.06	27.14	0.60	0.65	0.379
104	1	C50-4	SLV_02	-879.54	66.80	17.59	27.14	0.60	0.66	0.433
105	1	C50-4	SLV_02	-1014.47	74.84	20.29	27.14	0.60	0.66	0.491
106	1	C50-4	SLV_02	-1054.97	75.97	21.10	27.14	0.64	0.68	0.505
107	1	C50-4	SLV_02	-712.38	60.98	14.25	27.14	0.62	0.69	0.377
108	1	C50-4	SLV_02	-1006.66	72.01	-20.13	27.14	0.62	0.69	0.480
109	1	C50-4	SLV_02	-1012.37	72.49	20.25	27.14	0.62	0.69	0.483
11	1	R60x60-2	SLV_02	-1642.48	-34.90	-32.85	54.29	0.69	0.70	0.268
110	1	C50-4	SLV_02	-1062.15	76.45	21.24	27.14	0.64	0.68	0.508
111	1	C50-4	SLV_02	-1016.63	75.20	-20.33	27.14	0.60	0.66	0.493
1115	1	R80x40-5	SLV_02	333.87	47.75	-62.89	54.29	1.00	0.73	0.491
112	1	C50-4	SLV_02	-879.70	67.05	-17.59	27.14	0.60	0.66	0.434
113	1	C50-4	SLV_02	-746.76	59.27	-14.94	27.14	0.60	0.65	0.377
114	1	C50-4	SLV_02	-724.99	60.21	14.50	27.14	0.61	0.65	0.376
115	1	C50-4	SLV_02	-1180.64	-56.25	23.61	27.14	0.70	0.70	0.472
116	1	C50-5	SLV_02	-776.26	-15.53	-15.53	36.19	0.80	0.89	0.230
117	1	C50-3	SLV_02	-474.18	9.48	16.30	45.24	0.87	0.94	0.147
118	1	R60x80-72	SLV_01	-1632.79	32.66	-98.11	54.29	0.96	0.99	0.245
119	1	R60x60-2	SLV_01	-1262.10	-25.24	52.10	54.29	0.93	0.97	0.233
12	1	R60x60-2	SLV_02	-1502.55	-32.31	30.05	54.29	0.69	0.70	0.245
120	1	R60x60-2	SLV_01	-1379.51	-27.59	-45.17	54.29	0.93	0.97	0.242
121	1	R60x80-72	SLV_01	-1917.72	-38.35	116.55	54.29	0.96	0.99	0.289
122	1	R60x80-72	SLV_02	-2421.00	-48.42	-73.69	54.29	0.98	0.98	0.318
123	1	R100x50-2	SLV_02	-2448.17	68.65	48.96	54.29	0.99	0.94	0.308
124	1	R80x40-5	SLV_02	-676.01	-38.48	-13.52	54.29	0.99	0.89	0.146
125	1	R100x50-2	SLV_02	-2463.92	-49.28	62.48	54.29	0.99	0.88	0.313
126	1	R60x80-72	SLV_02	-2498.00	-49.96	87.31	54.29	0.98	0.98	0.335
127	1	R60x80-72	SLV_01	-1965.50	-39.31	-131.69	54.29	0.96	0.99	0.304
128	1	R60x60-2	SLV_01	-1411.35	-28.23	49.06	54.29	0.93	0.97	0.251
129	1	R60x60-2	SLV_01	-1291.90	-25.84	-56.05	54.29	0.93	0.97	0.242
1290	1	R80x40-5	SLV_02	274.23	-80.06	25.66	54.29	1.00	0.95	0.371
13	1	R60x80-72	SLV_01	-1858.43	37.17	57.74	54.29	0.70	0.70	0.245
130	1	R60x80-72	SLV_01	-1610.53	-32.21	-63.11	54.29	0.96	0.99	0.220
131	1	R60x80-72	SLV_02	-2751.07	-93.96	78.58	54.29	0.98	0.93	0.392
132	1	R60x80-72	SLV_01	-1965.37	-39.31	-112.10	54.29	0.96	0.98	0.291
133	1	R60x60-2	SLV_01	-1399.13	-27.98	46.39	54.29	0.94	0.97	0.246
134	1	R60x60-2	SLV_01	-1441.10	-28.82	-48.02	54.29	0.94	0.97	0.254
135	1	R60x80-72	SLV_01	-1922.95	-38.46	105.69	54.29	0.96	0.98	0.282
136	1	R60x80-72	SLV_01	-2168.16	-43.36	-89.98	54.29	0.98	0.98	0.300
137	1	R80x40-3	SLV_02	581.65	67.42	-25.15	37.70	1.00	0.98	0.740
138	1	R80x40-3	SLV_02	450.92	-60.62	24.51	37.70	1.00	0.98	0.624
139	1	R60x80-72	SLV_02	-2281.80	-45.64	213.76	54.29	0.81	0.98	0.392

14	1	R60x80-72	SLV_02	-3239.99	-64.80	-64.80	54.29	0.70	0.68	0.404
140	1	R60x80-72	SLV_01	-2076.36	-41.53	-113.65	54.29	0.77	0.98	0.305
141	1	R60x60-2	SLV_02	-1491.23	-98.04	-29.82	54.29	0.75	0.81	0.315
142	1	R60x60-2	SLV_01	-1425.84	-28.52	-57.03	54.29	0.93	0.97	0.261
143	1	R60x80-72	SLV_01	-1875.86	-37.52	-71.20	54.29	0.96	0.98	0.255
144	1	R60x80-72	SLV_02	-2582.35	84.46	51.65	54.29	0.98	0.93	0.350
145	1	R60x80-72	SLV_02	-1930.23	-38.60	94.35	54.29	0.98	0.98	0.276
146	1	R60x80-72	SLV_01	-1630.44	-32.61	-96.25	54.29	0.96	0.98	0.244
147	1	R60x60-2	SLV_02	-1201.52	-36.70	25.78	54.29	0.93	0.98	0.210
148	1	R60x60-2	SLV_02	-1195.63	-37.11	-26.64	54.29	0.93	0.98	0.211
149	1	R60x80-72	SLV_01	-1589.53	-31.79	89.45	54.29	0.96	0.98	0.235
15	1	R60x80-72	SLV_01	-2249.12	-44.98	-66.67	54.29	0.70	0.70	0.294
150	1	R60x80-72	SLV_02	-1863.62	-37.27	-75.32	54.29	0.98	0.98	0.256
151	1	R60x80-72	SLV_02	-1937.74	-48.94	154.10	54.29	0.81	0.98	0.324
152	1	R60x80-72	SLV_02	-1746.10	-56.41	-83.90	54.29	0.77	0.98	0.268
153	1	R60x60-2	SLV_02	-1260.11	-102.51	-25.20	54.29	0.75	0.82	0.287
154	1	R60x60-2	SLV_02	-1233.82	-39.97	-35.85	54.29	0.93	0.98	0.228
155	1	R60x80-72	SLV_02	-1606.68	-42.24	56.64	54.29	0.96	0.98	0.225
156	1	R60x80-73	SLV_02	-1805.88	-36.12	-79.53	54.29	0.98	0.98	0.253
157	1	C50-5	SLV_02	-697.36	-24.40	16.79	36.19	0.80	0.88	0.238
158	1	C50-3	SLV_02	-439.66	-20.82	12.13	45.24	0.87	0.94	0.156
159	1	C50-4	SLV_02	-1147.71	67.22	22.95	27.14	0.70	0.70	0.499
16	1	R60x60-2	SLV_02	-1627.54	-33.05	-32.55	54.29	0.69	0.70	0.264
160	1	C50-4	SLV_02	-705.69	84.01	-14.11	27.14	0.61	0.64	0.477
161	1	C50-4	SLV_02	-734.29	80.54	17.53	27.14	0.60	0.65	0.465
162	1	C50-4	SLV_02	-845.36	90.10	18.61	27.14	0.60	0.66	0.523
163	1	C50-4	SLV_02	-971.20	101.16	19.42	27.14	0.60	0.66	0.589
164	1	C50-4	SLV_02	-999.22	102.94	19.98	27.14	0.64	0.68	0.601
165	1	C50-4	SLV_02	-570.19	79.19	-11.40	27.14	0.62	0.69	0.441
166	1	C50-4	SLV_02	-997.99	98.55	-21.53	27.14	0.62	0.69	0.583
167	1	C50-4	SLV_02	-1004.80	99.15	22.03	27.14	0.58	0.68	0.586
168	1	C50-4	SLV_02	-1007.46	103.71	20.15	27.14	0.63	0.68	0.606
169	1	C50-4	SLV_02	-972.28	101.53	-19.45	27.14	0.60	0.66	0.591
17	1	R60x60-2	SLV_02	-1660.20	-34.83	33.20	54.29	0.69	0.70	0.270
170	1	C50-4	SLV_02	-844.49	90.17	-18.96	27.14	0.60	0.66	0.523
171	1	C50-4	SLV_02	-727.52	79.93	-18.55	27.14	0.60	0.65	0.462
172	1	C50-4	SLV_02	-670.21	79.76	13.40	27.14	0.61	0.65	0.453
173	1	C50-4	SLV_02	-1107.60	57.71	-22.15	27.14	0.70	0.70	0.459
174	1	C50-5	SLV_02	-695.27	-25.07	-15.76	36.19	0.80	0.88	0.238
175	1	C50-3	SLV_02	-438.82	-20.76	-12.13	45.24	0.87	0.94	0.155
176	1	R60x80-72	SLV_01	-1427.45	-55.11	-166.69	54.29	0.95	0.98	0.290
177	1	R60x60-2	SLV_02	-1128.87	-67.14	56.81	54.29	0.91	0.96	0.268
178	1	R60x60-2	SLV_02	-1220.76	-64.73	-43.56	54.29	0.91	0.96	0.262
179	1	R60x80-72	SLV_01	-1680.74	-53.91	183.56	54.29	0.95	0.98	0.323
18	1	R60x80-72	SLV_01	-2210.25	-44.20	67.69	54.29	0.70	0.70	0.290
180	1	R60x80-72	SLV_01	-2036.86	-44.18	-165.71	54.29	0.97	0.97	0.337
181	1	R100x50-2	SLV_02	-2249.17	-89.98	-86.64	54.29	0.99	0.92	0.339
1819	1	R80x40-5	SLV_02	476.16	-91.80	31.29	54.29	1.00	0.96	0.524
183	1	R100x50-2	SLV_02	-2262.41	-88.91	85.51	54.29	0.99	0.86	0.338

184	1	R60x80-72	SLV_01	-2056.00	-44.59	170.45	54.29	0.97	0.97	0.342
185	1	R60x80-72	SLV_01	-1680.05	-54.48	-188.78	54.29	0.94	0.98	0.327
186	1	R60x60-2	SLV_02	-1219.26	-63.05	44.83	54.29	0.91	0.96	0.261
187	1	R60x60-2	SLV_02	-1120.18	-65.29	-59.89	54.29	0.91	0.96	0.268
188	1	R60x80-72	SLV_01	-1452.13	-57.69	159.93	54.29	0.95	0.98	0.290
189	1	R60x80-72	SLV_01	-2355.55	-103.11	148.40	54.29	0.97	0.92	0.407
19	1	R60x80-72	SLV_01	-2527.10	-50.54	-59.29	54.29	0.70	0.70	0.320
190	1	R60x80-72	SLV_01	-1726.08	-62.54	-179.19	54.29	0.95	0.97	0.332
191	1	R60x60-2	SLV_02	-1239.51	-60.04	43.68	54.29	0.92	0.97	0.259
192	1	R60x60-2	SLV_02	-1290.73	-61.66	-43.00	54.29	0.92	0.97	0.266
193	1	R60x80-72	SLV_01	-1709.07	-60.20	147.42	54.29	0.95	0.97	0.308
1937	1	R80x40-5	SLV_02	399.67	-25.91	-8.52	54.29	1.00	1.00	0.275
194	1	R60x80-72	SLV_02	-1872.90	-74.41	-110.38	54.29	0.97	0.97	0.312
1948	1	R80x40-5	SLV_02	445.05	-81.58	-43.23	54.29	1.00	0.95	0.532
1949	1	R80x40-5	SLV_02	558.07	-56.65	-1.88	54.29	0.71	0.71	0.379
195	1	R80x40-3	SLV_02	489.12	67.11	-26.76	37.70	1.00	0.98	0.681
1950	1	R80x40-5	SLV_02	369.72	-27.75	2.08	54.29	1.00	0.97	0.236
196	1	R80x40-3	SLV_02	322.46	-60.94	27.37	37.70	1.00	0.98	0.535
1969	1	R80x40-5	SLV_02	355.42	48.74	3.96	54.29	1.00	0.97	0.278
197	1	R60x80-72	SLV_02	-1884.49	55.97	-179.56	54.29	0.81	0.97	0.341
1970	1	R80x40-5	SLV_02	-1361.47	-28.90	-8.55	54.29	1.00	0.98	0.217
1971	1	R80x40-5	SLV_02	249.70	45.40	13.74	54.29	1.00	0.98	0.261
198	1	R60x80-72	SLV_01	-1676.73	-60.54	-154.53	54.29	0.76	0.97	0.310
1986	1	R80x40-5	SLV_02	-1392.37	-43.58	-16.38	54.29	1.00	0.96	0.248
1987	1	R80x40-5	SLV_02	310.12	47.16	16.41	54.29	1.00	0.96	0.306
1989	1	R80x40-5	SLV_02	269.35	-79.76	-16.37	54.29	1.00	0.96	0.335
199	1	R60x60-2	SLV_02	-1294.64	91.56	-25.89	54.29	0.73	0.81	0.280
2	1	R60x60-2	SLV_02	-1477.61	-32.19	-29.55	54.29	0.69	0.70	0.242
20	1	R80x40-5	SLV_02	472.43	-89.55	-29.68	54.29	1.00	0.95	0.513
200	1	R60x60-2	SLV_02	-1181.82	-58.68	-49.55	54.29	0.91	0.97	0.257
201	1	R60x80-72	SLV_01	-1687.92	-64.13	169.61	54.29	0.95	0.97	0.324
202	1	R60x80-72	SLV_01	-2293.18	-101.34	-143.09	54.29	0.97	0.92	0.396
203	1	R60x80-72	SLV_02	-1654.75	-93.52	99.10	54.29	0.97	0.98	0.301
204	1	R60x80-72	SLV_01	-1423.58	-74.63	-149.16	54.29	0.95	0.98	0.295
205	1	R60x60-2	SLV_02	-1059.89	-71.45	38.94	54.29	0.91	0.97	0.245
206	1	R60x60-2	SLV_02	-1058.60	-70.97	-38.94	54.29	0.91	0.97	0.244
207	1	R60x80-72	SLV_02	-1400.44	-91.65	113.36	54.29	0.95	0.98	0.285
208	1	R60x80-72	SLV_02	-1622.29	-81.37	-80.18	54.29	0.97	0.98	0.275
209	1	R60x80-72	SLV_02	-1625.35	63.49	-131.36	54.29	0.81	0.97	0.293
21	1	R80x40-5	SLV_02	431.65	-80.36	42.60	54.29	1.00	0.95	0.520
210	1	R60x80-72	SLV_02	-1386.85	-92.87	-120.43	54.29	0.76	0.97	0.289
211	1	R60x60-2	SLV_02	-1070.84	97.90	-21.42	54.29	0.73	0.81	0.256
212	1	R60x60-2	SLV_02	-1045.70	-70.57	-44.43	54.29	0.91	0.97	0.248
213	1	R60x80-72	SLV_01	-1407.78	-75.51	142.37	54.29	0.95	0.98	0.290
214	1	R60x80-73	SLV_02	-1605.37	-89.44	-95.94	54.29	0.97	0.98	0.291
215	1	C50-5	SLV_02	-605.29	30.66	24.24	36.19	0.78	0.86	0.249
216	1	C50-3	SLV_02	-401.11	55.38	34.37	45.24	0.85	0.94	0.292
217	1	C50-4	SLV_02	-1050.91	69.14	21.02	27.14	0.68	0.68	0.481
218	1	C50-4	SLV_02	-625.55	90.77	-12.51	27.14	0.59	0.63	0.503

219	1	C50-4	SLV_02	-721.06	84.13	19.71	27.14	0.59	0.63	0.482
22	1	R60x80-72	SLV_01	-2624.24	-52.48	60.80	54.29	0.70	0.70	0.332
220	1	C50-4	SLV_02	-801.35	92.53	20.67	27.14	0.59	0.64	0.531
221	1	C50-4	SLV_02	-911.22	104.06	18.22	27.14	0.59	0.65	0.595
222	1	C50-4	SLV_02	-915.41	105.25	18.31	27.14	0.62	0.66	0.601
223	1	C50-4	SLV_02	-337.08	83.91	8.13	27.14	0.58	0.64	0.459
224	1	C50-4	SLV_02	-1014.21	104.12	-29.24	27.14	0.61	0.67	0.615
225	1	C50-4	SLV_02	-1021.70	104.71	28.95	27.14	0.57	0.66	0.618
226	1	C50-4	SLV_02	-924.71	105.85	-18.49	27.14	0.62	0.66	0.605
227	1	C50-4	SLV_02	-911.37	103.97	-18.34	27.14	0.59	0.65	0.594
228	1	C50-4	SLV_02	-798.63	92.15	-20.79	27.14	0.59	0.64	0.529
229	1	C50-4	SLV_02	-715.73	83.38	-20.36	27.14	0.59	0.63	0.478
23	1	R60x80-72	SLV_01	-2359.02	-47.18	-69.70	54.29	0.70	0.70	0.308
230	1	C50-4	SLV_02	-630.82	88.57	-12.62	27.14	0.59	0.63	0.492
231	1	C50-4	SLV_02	-1043.24	66.07	20.86	27.14	0.68	0.68	0.469
232	1	C50-5	SLV_02	-603.42	30.78	-24.27	36.19	0.78	0.86	0.249
233	1	C50-3	SLV_02	-400.56	54.01	-34.77	45.24	0.85	0.94	0.289
234	1	R80x50-2	SLV_02	-381.97	56.39	16.76	54.29	0.97	0.85	0.105
235	1	R60x80-72	SLV_01	-1164.35	-115.20	203.39	54.29	0.92	0.98	0.364
236	1	R60x60-2	SLV_02	-899.74	-110.91	-92.12	54.29	0.89	0.83	0.344
237	1	R60x60-2	SLV_02	-981.46	-151.57	-56.40	54.29	0.89	0.85	0.359
238	1	R60x80-72	SLV_01	-1336.53	-73.86	327.23	54.29	0.84	0.98	0.437
239	1	R60x80-72	SLV_02	-1671.32	-220.63	-138.90	54.29	0.90	0.87	0.457
24	1	R60x60-2	SLV_02	-1710.13	-35.96	-34.20	54.29	0.69	0.70	0.279
240	1	R100x50-2	SLV_02	-1980.80	-331.33	57.72	54.29	0.96	0.91	0.403
241	1	R100x50-2	SLV_02	-1993.73	-331.88	-54.18	54.29	0.96	0.91	0.401
242	1	R60x80-72	SLV_02	-1689.65	-221.75	134.61	54.29	0.90	0.87	0.456
243	1	R60x80-72	SLV_01	-1334.83	-75.53	-330.62	54.29	0.84	0.98	0.442
244	1	R60x60-2	SLV_02	-978.08	-150.97	55.13	54.29	0.89	0.85	0.356
245	1	R60x60-2	SLV_01	-880.25	-71.45	132.85	54.29	0.89	0.83	0.346
246	1	R60x80-72	SLV_01	-1187.03	-118.80	-205.57	54.29	0.92	0.98	0.371
247	1	R60x80-72	SLV_02	-1919.83	-274.32	168.60	54.29	0.96	0.84	0.559
248	1	R60x80-72	SLV_01	-1412.50	-104.02	224.68	54.29	0.92	0.97	0.381
249	1	R60x60-2	SLV_02	-1050.70	-115.98	-63.06	54.29	0.89	0.96	0.323
25	1	R60x60-2	SLV_02	-1639.66	-33.05	32.79	54.29	0.69	0.70	0.266
250	1	R60x60-2	SLV_02	-1095.80	-109.41	60.23	54.29	0.89	0.96	0.315
251	1	R60x80-72	SLV_02	-1414.90	-131.31	-136.30	54.29	0.93	0.97	0.340
252	1	R60x80-72	SLV_01	-1588.19	-65.23	181.45	54.29	0.96	0.97	0.323
253	1	R80x40-3	SLV_02	332.24	61.07	-29.42	37.70	1.00	0.98	0.553
254	1	R80x40-3	SLV_02	137.32	-65.75	30.13	37.70	1.00	0.98	0.401
255	1	R60x80-72	SLV_01	-1597.27	-68.23	-173.45	54.29	0.96	0.97	0.321
256	1	R60x80-72	SLV_01	-1414.68	-88.66	203.60	54.29	0.95	0.97	0.347
257	1	R60x60-2	SLV_01	-1099.65	-74.38	-99.22	54.29	0.89	0.96	0.321
258	1	R60x60-2	SLV_01	-1007.81	-81.06	104.50	54.29	0.89	0.96	0.327
259	1	R60x80-72	SLV_01	-1363.60	-105.58	-227.09	54.29	0.92	0.97	0.382
26	1	R60x80-72	SLV_01	-2168.34	-43.37	64.71	54.29	0.70	0.70	0.284
260	1	R60x80-72	SLV_02	-1866.90	-275.77	-165.50	54.29	0.96	0.84	0.555
261	1	R60x80-72	SLV_01	-1339.96	-76.76	-169.51	54.29	0.96	0.98	0.304
262	1	R60x80-72	SLV_02	-1186.43	-116.44	140.04	54.29	0.93	0.98	0.312

263	1	R60x60-2	SLV_02	-899.95	-89.75	-62.32	54.29	0.90	0.97	0.275
264	1	R60x60-2	SLV_02	-900.77	-85.26	60.64	54.29	0.90	0.97	0.267
265	1	R60x80-72	SLV_02	-1174.41	-104.78	-130.96	54.29	0.94	0.98	0.292
266	1	R60x80-72	SLV_02	-1351.14	-83.46	117.89	54.29	0.97	0.98	0.276
267	1	R60x80-72	SLV_02	-1354.77	-82.03	-105.52	54.29	0.97	0.98	0.267
268	1	R60x80-72	SLV_01	-1167.12	-64.07	191.10	54.29	0.94	0.98	0.295
269	1	R60x60-2	SLV_01	-895.84	-51.51	-92.75	54.29	0.90	0.97	0.265
27	1	R60x80-72	SLV_02	-3074.05	-61.48	-61.48	54.29	0.70	0.68	0.383
270	1	R60x60-2	SLV_02	-887.73	-86.99	67.31	54.29	0.90	0.97	0.276
271	1	R60x80-72	SLV_01	-1174.41	-80.10	-189.28	54.29	0.93	0.98	0.312
272	1	R60x80-73	SLV_01	-1271.93	-78.51	172.48	54.29	0.96	0.98	0.303
273	1	C50-5	SLV_02	-433.64	-190.84	-36.87	36.19	0.66	0.68	0.915
274	1	C50-3	SLV_02	-221.98	-210.18	-74.74	45.24	0.67	0.73	0.938
275	1	C50-4	SLV_02	-927.81	161.82	36.37	27.14	0.62	0.60	0.902
276	1	C50-4	SLV_02	-547.05	-159.33	-71.88	27.14	0.57	0.59	0.949
277	1	C50-4	SLV_02	-758.45	-132.44	-36.25	27.14	0.56	0.57	0.743
278	1	C50-4	SLV_02	-802.03	-142.96	-42.91	27.14	0.56	0.58	0.810
279	1	C50-4	SLV_02	-915.82	-152.22	-39.63	27.14	0.56	0.58	0.852
28	1	R60x80-72	SLV_02	-2311.77	-46.24	48.63	54.29	0.70	0.70	0.289
280	1	C50-4	SLV_02	-863.72	156.00	26.02	27.14	0.59	0.59	0.862
282	1	C50-4	SLV_02	-1170.36	162.59	41.51	27.14	0.58	0.59	0.916
283	1	C50-4	SLV_02	-1179.59	163.36	-40.47	27.14	0.58	0.59	0.920
284	1	C50-4	SLV_02	-875.66	157.30	-27.37	27.14	0.59	0.59	0.870
285	1	C50-4	SLV_02	-914.41	-152.44	39.09	27.14	0.56	0.58	0.853
286	1	C50-4	SLV_02	-798.02	-141.82	42.36	27.14	0.56	0.58	0.803
287	1	C50-4	SLV_02	-751.50	-130.30	37.63	27.14	0.56	0.57	0.735
288	1	C50-4	SLV_02	-546.17	-157.38	69.73	27.14	0.57	0.59	0.936
289	1	C50-4	SLV_02	-919.23	155.88	-35.38	27.14	0.62	0.59	0.869
29	1	R60x80-72	SLV_01	-1930.46	-38.61	-62.17	54.29	0.70	0.70	0.256
290	1	C50-5	SLV_02	-435.23	-191.30	37.68	36.19	0.66	0.68	0.917
291	1	C50-3	SLV_02	-224.51	-206.40	73.11	45.24	0.67	0.73	0.917
293	1	R60x40-6	SLV_01	-1000.10	-44.58	59.44	54.29	0.96	0.87	0.359
	2	R60x40-5	SLV_01	-1000.10	-20.26	-69.32	36.19			0.387
294	1	R60x40-6	SLV_01	-591.61	56.64	-57.15	54.29	0.83	0.87	0.324
	2	R60x40-5	SLV_01	-591.61	26.14	54.57	36.19			0.295
295	1	R60x40-6	SLV_02	-676.83	114.69	31.96	54.29	0.85	0.87	0.363
	2	R60x40-5	SLV_01	-694.74	-30.94	-49.61	36.19			0.301
296	1	R60x40-6	SLV_01	-1030.75	39.72	-89.51	54.29	0.98	0.79	0.434
	2	R60x40-5	SLV_01	-1030.75	20.62	80.97	36.19			0.425
297	1	R60x40-6	SLV_02	-1201.50	135.98	46.95	54.29	0.87	0.87	0.498
	2	R60x40-5	SLV_02	-1201.50	-59.61	-47.04	36.19			0.427
298	1	R100x40-2	SLV_02	-1507.05	332.56	-67.71	54.29	0.96	0.91	0.480
299	1	R100x40-2	SLV_02	-1506.62	332.82	67.05	54.29	0.96	0.91	0.479
3	1	R60x60-2	SLV_02	-1608.91	-34.53	32.18	54.29	0.69	0.70	0.263
30	1	R60x60-2	SLV_02	-1426.61	30.48	-28.53	54.29	0.69	0.70	0.233
300	1	R60x40-6	SLV_02	-1205.10	136.14	-46.76	54.29	0.87	0.87	0.498
	2	R60x40-5	SLV_02	-1205.10	-59.65	47.79	36.19			0.430
301	1	R60x40-6	SLV_01	-1023.62	40.43	90.79	54.29	0.98	0.79	0.438
	2	R60x40-5	SLV_01	-1023.62	-20.47	-81.40	36.19			0.425

302	1	R60x40-6	SLV_02	-670.59	112.93	-31.87	54.29	0.85	0.87	0.359
	2	R60x40-5	SLV_01	-686.59	-31.51	48.98	36.19			0.299
303	1	R60x40-6	SLV_01	-586.53	59.05	57.81	54.29	0.83	0.87	0.331
	2	R60x40-5	SLV_01	-586.53	27.27	-54.72	36.19			0.297
304	1	R60x40-6	SLV_01	-1023.46	-45.39	-58.00	54.29	0.96	0.87	0.360
	2	R60x40-5	SLV_01	-1023.46	-20.95	67.47	36.19			0.386
305	1	R60x40-6	SLV_02	-1412.80	148.95	-59.48	54.29	0.86	0.92	0.578
	2	R60x40-5	SLV_01	-1409.38	-53.86	86.84	36.19			0.557
306	1	R60x40-6	SLV_01	-1213.97	-41.12	67.01	54.29	0.97	0.87	0.405
	2	R60x40-5	SLV_01	-1213.97	24.85	-78.74	36.19			0.455
307	1	R60x40-6	SLV_01	-918.05	-42.38	-57.02	54.29	0.97	0.87	0.338
	2	R60x40-5	SLV_01	-918.05	24.08	56.60	36.19			0.345
308	1	R60x40-6	SLV_01	-966.61	-39.38	57.37	54.29	0.97	0.87	0.341
	2	R60x40-5	SLV_01	-966.61	21.40	-56.30	36.19			0.348
309	1	R60x40-6	SLV_01	-1253.03	-35.65	-65.86	54.29	0.97	0.87	0.400
	2	R60x40-5	SLV_01	-1253.03	25.06	75.43	36.19			0.453
31	1	R60x60-2	SLV_02	-1419.52	31.71	28.39	54.29	0.69	0.70	0.233
310	1	R60x40-6	SLV_01	-1387.86	-28.57	70.60	54.29	0.97	0.92	0.423
	2	R60x40-5	SLV_01	-1387.86	-27.76	-80.38	36.19			0.494
311	1	R80x40-5	SLV_02	870.73	83.84	50.85	54.29	0.88	0.91	0.795
312	1	R80x40-5	SLV_02	858.26	83.57	-52.07	54.29	0.91	0.92	0.793
313	1	R60x40-6	SLV_01	-1396.80	-29.07	-71.16	54.29	0.97	0.93	0.426
	2	R60x40-5	SLV_01	-1396.80	-27.94	80.55	36.19			0.496
314	1	R60x40-6	SLV_01	-1228.19	-37.21	67.31	54.29	0.97	0.88	0.402
	2	R60x40-5	SLV_01	-1228.19	-24.56	-76.88	36.19			0.452
315	1	R60x40-6	SLV_01	-964.63	-40.84	-55.49	54.29	0.97	0.87	0.339
	2	R60x40-5	SLV_01	-964.63	22.15	54.55	36.19			0.345
316	1	R60x40-6	SLV_01	-883.33	-43.17	58.72	54.29	0.97	0.87	0.338
	2	R60x40-5	SLV_01	-883.33	24.20	-58.19	36.19			0.343
317	1	R60x40-6	SLV_01	-1157.60	24.63	75.96	54.29	0.97	0.87	0.393
318	1	R60x40-6	SLV_01	-1336.20	129.63	72.86	54.29	0.86	0.92	0.572
	2	R60x40-5	SLV_01	-1336.20	-55.50	-85.15	36.19			0.543
319	1	R60x40-6	SLV_01	-1166.73	-23.33	-55.12	54.29	0.99	0.94	0.345
	2	R60x40-5	SLV_01	-1166.73	-23.33	65.79	36.19			0.411
32	1	R60x80-72	SLV_01	-1890.79	-37.82	62.82	54.29	0.70	0.70	0.252
320	1	R60x40-6	SLV_01	-1032.58	-24.19	54.86	54.29	0.99	0.89	0.324
	2	R60x40-5	SLV_01	-1032.58	-20.65	-63.53	36.19			0.377
321	1	R60x40-6	SLV_01	-755.35	-23.50	-45.09	54.29	0.99	0.89	0.257
	2	R60x40-5	SLV_01	-755.35	15.11	44.54	36.19			0.271
322	1	R60x40-6	SLV_01	-765.16	-22.74	46.58	54.29	0.99	0.89	0.261
	2	R60x40-5	SLV_01	-765.16	-15.30	-45.74	36.19			0.276
323	1	R60x40-6	SLV_01	-1011.93	-23.01	-54.04	54.29	0.99	0.89	0.317
	2	R60x40-5	SLV_01	-1011.93	20.24	62.87	36.19			0.371
324	1	R60x40-6	SLV_01	-1133.25	-22.66	58.48	54.29	0.99	0.94	0.346
	2	R60x40-5	SLV_01	-1133.25	-22.66	-67.54	36.19			0.408
325	1	R60x40-6	SLV_01	-1140.40	-22.81	-59.15	54.29	0.99	0.94	0.349
	2	R60x40-5	SLV_01	-1140.40	22.81	67.85	36.19			0.411
326	1	R60x40-6	SLV_01	-1006.34	-23.41	54.91	54.29	0.99	0.89	0.319
	2	R60x40-5	SLV_01	-1006.34	-20.13	-63.91	36.19			0.373

3262	1	R50x30-47	SLV_02	83.16	5.76	4.98	25.13	0.71	0.71	0.184
327	1	R60x40-6	SLV_01	-775.46	-23.35	-45.03	54.29	0.99	0.89	0.259
	2	R60x40-5	SLV_01	-775.46	-15.51	44.45	36.19			0.275
328	1	R60x40-6	SLV_01	-734.82	-23.90	46.65	54.29	0.99	0.89	0.258
	2	R60x40-5	SLV_01	-734.82	-14.70	-46.29	36.19			0.271
329	1	R60x40-6	SLV_01	-1009.27	-24.44	-52.95	54.29	0.99	0.89	0.316
	2	R60x40-5	SLV_01	-1009.27	20.19	61.70	36.19			0.368
33	1	R60x80-72	SLV_02	-2247.59	-44.95	-48.66	54.29	0.70	0.70	0.282
330	1	R60x40-8	SLV_01	-1099.90	-22.00	54.15	54.29	0.99	0.94	0.330
	2	R60x40-7	SLV_01	-1099.90	-22.00	-64.87	36.19			0.395
34	1	R60x80-72	SLV_02	-2321.52	-46.43	52.41	54.29	0.70	0.70	0.293
35	1	R60x80-72	SLV_02	-2049.02	-40.98	-62.07	54.29	0.70	0.70	0.269
350	1	R56x30-2	SLV_02	-962.27	-179.35	-29.80	25.13	0.73	0.77	0.932
351	1	R56x30-2	SLV_02	-946.29	-170.80	28.53	25.13	0.73	0.77	0.889
352	1	C50-4	SLV_02	-873.58	-124.98	-42.30	27.14	0.96	0.73	0.722
353	1	C50-4	SLV_02	-872.22	-125.15	42.27	27.14	0.96	0.73	0.723
354	1	C50-4	SLV_02	-720.00	-118.91	26.43	27.14	0.96	0.72	0.663
355	1	C50-4	SLV_02	-722.77	-119.21	-26.33	27.14	0.96	0.72	0.664
356	1	C50-4	SLV_02	-657.29	-125.91	-38.76	27.14	0.94	0.72	0.715
357	1	C50-4	SLV_02	-662.24	-125.42	40.12	27.14	0.94	0.72	0.715
358	1	C50-4	SLV_02	-631.17	-106.48	-24.56	27.14	0.95	0.71	0.594
359	1	C50-4	SLV_02	-630.62	-104.85	25.47	27.14	0.94	0.71	0.586
36	1	R60x60-2	SLV_02	-1486.86	33.35	-29.74	54.29	0.69	0.70	0.244
360	1	C50-4	SLV_02	-153.75	-98.95	-20.62	27.14	0.95	0.70	0.615
361	1	C50-4	SLV_02	-162.64	-96.95	21.76	27.14	0.95	0.70	0.591
362	1	R60x40-5	SLV_01	-823.81	35.84	78.70	36.19	0.95	0.83	0.418
363	1	R60x40-5	SLV_01	-506.01	-43.81	-54.55	36.19	0.96	0.86	0.325
364	1	R60x40-5	SLV_01	-588.41	-39.56	49.23	36.19	0.96	0.86	0.303
365	1	R60x40-5	SLV_01	-869.56	-35.66	-78.56	36.19	0.98	0.83	0.423
366	1	R60x40-5	SLV_01	-1009.01	-35.06	62.80	36.19	0.97	0.90	0.395
367	1	R100x40-2	SLV_02	-1299.60	-107.02	-60.78	54.29	0.99	0.93	0.300
368	1	R100x40-2	SLV_02	-1299.24	-106.21	62.75	54.29	0.99	0.93	0.302
369	1	R60x40-5	SLV_01	-1011.57	-35.94	-63.14	36.19	0.97	0.90	0.398
37	1	R60x60-2	SLV_02	-1456.66	30.72	29.13	54.29	0.69	0.70	0.237
370	1	R60x40-5	SLV_01	-861.77	-36.75	79.98	36.19	0.98	0.83	0.429
371	1	R60x40-5	SLV_01	-578.68	-40.48	-49.59	36.19	0.96	0.86	0.305
372	1	R60x40-5	SLV_01	-502.80	-44.37	55.15	36.19	0.96	0.86	0.328
373	1	R60x40-5	SLV_01	-847.34	37.50	-80.18	36.19	0.95	0.83	0.429
374	1	R60x40-5	SLV_01	-1206.37	-33.40	-99.76	36.19	0.97	0.90	0.528
375	1	R60x40-5	SLV_01	-1025.26	-44.76	87.39	36.19	0.97	0.83	0.486
376	1	R60x40-5	SLV_01	-805.10	-41.27	-57.46	36.19	0.97	0.86	0.359
377	1	R60x40-5	SLV_01	-847.18	-35.45	56.89	36.19	0.97	0.86	0.353
378	1	R60x40-5	SLV_01	-1070.01	-32.96	-86.48	36.19	0.97	0.83	0.468
379	1	R60x40-5	SLV_01	-1187.92	23.76	92.11	36.19	0.97	0.90	0.486
38	1	R60x80-72	SLV_02	-1917.07	-38.34	58.58	54.29	0.70	0.70	0.252
380	1	R80x40-4	SLV_02	667.83	-89.16	13.64	54.29	0.88	0.91	0.545
	2	R80x40-3	SLV_02	514.39	-61.95	-19.42	37.70			0.643
381	1	R80x40-3	SLV_02	99.33	48.36	-29.46	37.70	1.00	0.98	0.328
382	1	R60x40-5	SLV_02	-1179.81	-44.13	-80.87	36.19	0.97	0.90	0.487

383	1	R60x40-5	SLV_01	-1046.92	-34.42	89.04	36.19	0.97	0.83	0.475
384	1	R60x40-5	SLV_01	-841.23	-36.58	-56.32	36.19	0.97	0.86	0.352
385	1	R60x40-5	SLV_01	-771.29	-41.49	59.95	36.19	0.97	0.86	0.362
386	1	R60x40-6	SLV_01	-966.40	-44.62	-88.01	54.29	0.97	0.83	0.430
387	1	R60x40-5	SLV_01	-1130.48	-33.00	99.44	36.19	0.97	0.90	0.516
388	1	R60x40-5	SLV_01	-995.86	-20.33	-78.30	36.19	0.99	0.92	0.411
389	1	R60x40-5	SLV_01	-876.75	-22.61	73.43	36.19	0.99	0.86	0.383
39	1	R60x80-73	SLV_02	-2188.66	-43.77	-46.76	54.29	0.70	0.70	0.275
390	1	R60x40-5	SLV_01	-654.16	-21.56	-45.81	36.19	0.99	0.88	0.268
391	1	R60x40-5	SLV_01	-660.51	-19.33	46.80	36.19	0.99	0.88	0.268
392	1	R60x40-5	SLV_01	-859.89	-17.79	-72.85	36.19	0.99	0.86	0.371
393	1	R60x40-5	SLV_01	-967.40	19.35	77.73	36.19	0.99	0.92	0.404
394	1	R60x40-5	SLV_01	-973.78	-19.48	-77.79	36.19	0.99	0.92	0.405
395	1	R60x40-5	SLV_01	-854.98	-18.03	74.25	36.19	0.99	0.86	0.375
396	1	R60x40-5	SLV_01	-668.44	-19.48	-45.64	36.19	0.99	0.88	0.266
397	1	R60x40-5	SLV_01	-634.42	-21.27	48.21	36.19	0.99	0.88	0.271
398	1	R60x40-5	SLV_01	-851.44	-22.05	-71.92	36.19	0.99	0.86	0.375
399	1	R60x40-7	SLV_01	-929.65	-20.18	77.43	36.19	0.99	0.92	0.398
4	1	R60x80-72	SLV_01	-2216.40	-44.33	72.71	54.29	0.70	0.70	0.294
400	1	R56x30-2	SLV_01	-748.08	29.32	-45.77	25.13	0.96	0.79	0.512
401	1	R56x30-2	SLV_01	-745.05	30.01	47.15	25.13	0.96	0.79	0.523
402	1	C50-4	SLV_01	-687.88	19.28	-57.28	27.14	0.91	0.96	0.364
403	1	C50-4	SLV_01	-689.37	19.36	57.62	27.14	0.91	0.96	0.366
404	1	C50-4	SLV_01	-556.00	14.19	-34.03	27.14	0.92	0.96	0.250
405	1	C50-4	SLV_01	-561.07	14.41	34.22	27.14	0.92	0.96	0.252
406	1	C50-4	SLV_01	-513.11	12.04	44.30	27.14	0.89	0.95	0.274
407	1	C50-4	SLV_01	-519.69	12.46	-44.53	27.14	0.89	0.95	0.276
408	1	C50-4	SLV_01	-474.28	18.21	-43.79	27.14	0.89	0.94	0.275
409	1	C50-4	SLV_01	-479.14	18.70	44.32	27.14	0.89	0.94	0.279
41	1	C50-5	SLV_02	-858.57	-17.17	-17.17	36.19	0.63	0.66	0.255
410	1	C50-4	SLV_02	-571.98	32.36	-23.57	27.14	0.89	0.92	0.265
411	1	C50-4	SLV_02	-564.73	31.73	22.29	27.14	0.90	0.92	0.259
412	1	R60x40-5	SLV_01	-691.07	-25.06	-78.55	36.19	0.95	0.83	0.385
413	1	R60x40-5	SLV_01	-411.70	-41.56	-50.58	36.19	0.96	0.86	0.301
414	1	R60x40-5	SLV_01	-480.46	-31.68	45.46	36.19	0.96	0.86	0.264
415	1	R60x40-5	SLV_01	-712.05	-29.71	-80.71	36.19	0.98	0.83	0.404
416	1	R60x40-5	SLV_01	-831.77	-24.31	64.14	36.19	0.97	0.90	0.352
417	1	R100x40-2	SLV_02	-1082.18	103.93	-59.45	54.29	0.99	0.93	0.273
418	1	R100x40-2	SLV_02	-1082.14	103.30	61.22	54.29	0.99	0.93	0.276
419	1	R60x40-5	SLV_01	-833.87	-25.42	-64.45	36.19	0.97	0.90	0.355
42	1	C50-3	SLV_02	-507.15	-10.14	-10.14	45.24	0.66	0.69	0.141
420	1	R60x40-5	SLV_01	-720.25	-30.54	83.72	36.19	0.98	0.83	0.418
421	1	R60x40-5	SLV_01	-485.92	-32.51	-47.15	36.19	0.96	0.86	0.272
422	1	R60x40-5	SLV_01	-412.30	-42.01	51.73	36.19	0.96	0.86	0.307
423	1	R60x40-5	SLV_01	-680.90	29.23	-79.50	36.19	0.95	0.83	0.397
424	1	R60x40-5	SLV_01	-1007.73	37.97	-97.31	36.19	0.97	0.90	0.504
425	1	R60x40-5	SLV_01	-877.22	35.80	-85.25	36.19	0.97	0.83	0.446
426	1	R60x40-5	SLV_01	-685.57	-40.78	-53.07	36.19	0.97	0.86	0.329
427	1	R60x40-5	SLV_01	-725.85	-35.73	52.90	36.19	0.97	0.86	0.324

428	1	R60x40-5	SLV_01	-895.19	-32.82	-84.20	36.19	0.97	0.83	0.439
429	1	R60x40-5	SLV_01	-992.60	-24.18	90.89	36.19	0.97	0.90	0.455
43	1	C50-4	SLV_02	-1303.19	32.51	26.06	27.14	0.59	0.59	0.433
430	1	R80x40-3	SLV_02	585.15	67.93	24.20	37.70	0.99	0.91	0.738
431	1	R80x40-3	SLV_02	-134.27	-52.56	32.03	37.70	1.00	0.97	0.190
432	1	R60x40-5	SLV_02	-986.67	-45.11	-80.23	36.19	0.97	0.90	0.459
433	1	R60x40-5	SLV_01	-889.82	-33.70	88.06	36.19	0.97	0.83	0.453
434	1	R60x40-5	SLV_01	-733.53	-36.50	-53.48	36.19	0.97	0.86	0.328
435	1	R60x40-5	SLV_01	-657.05	-40.68	57.10	36.19	0.97	0.86	0.338
436	1	R60x40-6	SLV_01	-787.94	-42.01	-85.29	54.29	0.97	0.83	0.400
437	1	R60x40-5	SLV_01	-924.77	39.18	98.15	36.19	0.97	0.90	0.502
438	1	R60x40-5	SLV_01	-826.65	16.53	77.66	36.19	0.99	0.92	0.379
439	1	R60x40-5	SLV_01	-724.84	-18.96	70.91	36.19	0.99	0.86	0.350
44	1	C50-4	SLV_02	-826.40	28.12	-16.53	27.14	0.55	0.57	0.295
440	1	R60x40-5	SLV_01	-548.79	-17.91	-42.46	36.19	0.99	0.88	0.236
441	1	R60x40-5	SLV_01	-551.62	-16.23	43.37	36.19	0.99	0.88	0.236
442	1	R60x40-5	SLV_01	-712.17	-15.19	-69.98	36.19	0.99	0.86	0.339
443	1	R60x40-5	SLV_01	-802.73	-16.05	-77.05	36.19	0.99	0.92	0.373
444	1	R60x40-5	SLV_01	-808.26	16.17	77.31	36.19	0.99	0.92	0.375
445	1	R60x40-5	SLV_01	-707.87	-15.20	71.33	36.19	0.99	0.86	0.342
446	1	R60x40-5	SLV_01	-557.50	-16.24	-42.08	36.19	0.99	0.88	0.233
447	1	R60x40-5	SLV_01	-529.44	-17.56	45.58	36.19	0.99	0.88	0.242
448	1	R60x40-5	SLV_01	-697.89	-18.02	-69.24	36.19	0.99	0.86	0.340
449	1	R60x40-7	SLV_01	-761.57	-16.60	75.83	36.19	0.99	0.92	0.366
45	1	C50-4	SLV_02	-804.68	26.30	16.09	27.14	0.55	0.57	0.285
450	1	R56x30-2	SLV_01	-616.86	-25.85	46.95	25.13	0.96	0.79	0.493
451	1	R56x30-2	SLV_01	-608.98	29.69	48.14	25.13	0.96	0.79	0.514
452	1	C50-4	SLV_01	-566.01	11.32	-57.02	27.14	0.91	0.96	0.335
453	1	C50-4	SLV_01	-566.93	11.86	57.35	27.14	0.91	0.96	0.337
454	1	C50-4	SLV_01	-457.91	-12.75	-36.02	27.14	0.92	0.96	0.235
455	1	C50-4	SLV_01	-462.00	-13.30	36.65	27.14	0.92	0.96	0.238
456	1	C50-4	SLV_01	-423.67	-21.48	-46.81	27.14	0.89	0.95	0.287
457	1	C50-4	SLV_01	-428.94	-21.79	47.11	27.14	0.89	0.95	0.290
458	1	C50-4	SLV_01	-392.14	15.62	-44.41	27.14	0.89	0.94	0.263
459	1	C50-4	SLV_01	-395.90	16.22	44.80	27.14	0.89	0.94	0.266
46	1	C50-4	SLV_02	-943.29	29.77	18.87	27.14	0.55	0.57	0.331
460	1	C50-4	SLV_02	-475.42	32.93	-22.01	27.14	0.89	0.92	0.243
461	1	C50-4	SLV_02	-469.08	32.07	20.62	27.14	0.90	0.92	0.236
462	1	R60x40-5	SLV_01	-528.12	-30.29	-85.72	36.19	0.95	0.83	0.416
463	1	R60x40-5	SLV_01	-316.60	-46.78	-49.63	36.19	0.96	0.86	0.309
464	1	R60x40-5	SLV_01	-368.70	-37.72	43.26	36.19	0.96	0.86	0.263
465	1	R60x40-5	SLV_01	-558.65	-34.36	-81.47	36.19	0.98	0.83	0.410
466	1	R60x40-5	SLV_01	-656.36	-30.73	64.20	36.19	0.97	0.90	0.343
467	1	R100x40-2	SLV_02	-861.43	101.50	-58.25	54.29	0.99	0.93	0.250
468	1	R100x40-2	SLV_02	-861.71	101.40	60.05	54.29	0.99	0.93	0.253
469	1	R60x40-5	SLV_01	-658.20	-32.37	-64.46	36.19	0.97	0.90	0.347
47	1	C50-4	SLV_02	-1092.42	33.72	21.85	27.14	0.55	0.57	0.381
470	1	R60x40-5	SLV_01	-565.85	-36.08	82.20	36.19	0.98	0.83	0.416
471	1	R60x40-5	SLV_01	-372.77	-39.42	-42.72	36.19	0.96	0.86	0.265

472	1	R60x40-5	SLV_01	-315.70	-47.64	49.57	36.19	0.96	0.86	0.311
473	1	R60x40-5	SLV_01	-520.63	-31.42	84.39	36.19	0.95	0.83	0.415
474	1	R60x40-5	SLV_01	-807.89	34.10	-102.97	36.19	0.97	0.90	0.502
475	1	R60x40-5	SLV_01	-697.43	-46.34	89.18	36.19	0.97	0.83	0.470
476	1	R60x40-5	SLV_01	-569.14	-44.56	-52.52	36.19	0.97	0.86	0.323
477	1	R60x40-5	SLV_01	-602.70	-38.99	51.07	36.19	0.97	0.86	0.309
478	1	R60x40-5	SLV_01	-723.86	-35.57	-85.23	36.19	0.97	0.83	0.433
479	1	R60x40-5	SLV_02	-787.03	-49.03	81.88	36.19	0.97	0.90	0.453
48	1	C50-4	SLV_02	-1138.62	34.20	-22.77	27.14	0.56	0.58	0.394
480	1	R80x40-3	SLV_02	482.66	67.65	25.83	37.70	0.99	0.91	0.672
481	1	R80x40-5	SLV_02	534.19	-57.48	-1.98	54.29	0.71	0.71	0.370
482	1	R60x40-5	SLV_02	-796.20	-48.88	-82.91	36.19	0.97	0.90	0.457
483	1	R60x40-5	SLV_01	-718.98	-37.52	86.74	36.19	0.97	0.83	0.443
484	1	R60x40-5	SLV_01	-608.20	-40.53	-49.40	36.19	0.97	0.86	0.308
485	1	R60x40-5	SLV_01	-542.70	-44.69	56.19	36.19	0.97	0.86	0.335
486	1	R60x40-6	SLV_01	-618.73	-46.44	-86.69	54.29	0.97	0.83	0.401
487	1	R60x40-5	SLV_01	-722.04	35.67	100.21	36.19	0.97	0.90	0.490
488	1	R60x40-5	SLV_01	-658.19	-17.44	-79.01	36.19	0.99	0.92	0.369
489	1	R60x40-5	SLV_01	-574.36	-20.07	71.98	36.19	0.99	0.86	0.344
49	1	C50-4	SLV_02	-827.05	27.79	-16.54	27.14	0.55	0.58	0.295
490	1	R60x40-5	SLV_01	-440.55	-19.16	-40.83	36.19	0.99	0.88	0.220
491	1	R60x40-5	SLV_01	-439.89	-17.27	41.56	36.19	0.99	0.88	0.218
492	1	R60x40-5	SLV_01	-566.19	-16.19	-70.85	36.19	0.99	0.86	0.330
493	1	R60x40-5	SLV_01	-638.80	12.78	-78.48	36.19	0.99	0.92	0.357
494	1	R60x40-5	SLV_01	-643.45	-12.87	78.73	36.19	0.99	0.92	0.358
495	1	R60x40-5	SLV_01	-562.41	-17.01	71.96	36.19	0.99	0.86	0.336
496	1	R60x40-5	SLV_01	-444.04	-17.97	-40.13	36.19	0.99	0.88	0.216
497	1	R60x40-5	SLV_01	-421.55	-18.88	44.45	36.19	0.99	0.88	0.230
498	1	R60x40-5	SLV_01	-546.73	-19.59	-70.16	36.19	0.99	0.86	0.334
499	1	R60x40-7	SLV_01	-595.00	-16.96	77.56	36.19	0.99	0.92	0.359
5	1	R60x80-72	SLV_02	-2821.06	-56.42	-56.42	54.29	0.70	0.70	0.351
50	1	C50-4	SLV_02	-1065.39	32.47	-21.31	27.14	0.56	0.58	0.370
500	1	R56x30-2	SLV_01	-476.03	-28.95	52.95	25.13	0.96	0.79	0.549
501	1	R56x30-2	SLV_01	-467.53	-30.10	-53.42	25.13	0.96	0.79	0.555
502	1	C50-4	SLV_01	-442.34	-13.28	60.92	27.14	0.91	0.96	0.342
503	1	C50-4	SLV_01	-442.81	-13.95	-61.24	27.14	0.91	0.96	0.344
504	1	C50-4	SLV_01	-357.00	-11.33	-35.97	27.14	0.92	0.96	0.216
505	1	C50-4	SLV_01	-360.13	-12.03	36.47	27.14	0.92	0.96	0.219
506	1	C50-4	SLV_01	-331.90	-20.67	-46.85	27.14	0.89	0.95	0.280
507	1	C50-4	SLV_01	-335.98	-21.04	47.05	27.14	0.89	0.95	0.282
508	1	C50-4	SLV_01	-306.98	16.32	-44.91	27.14	0.89	0.94	0.261
509	1	C50-4	SLV_01	-309.73	17.19	45.27	27.14	0.89	0.94	0.265
51	1	C50-4	SLV_02	-1070.26	32.79	21.41	27.14	0.56	0.58	0.372
510	1	C50-4	SLV_02	-371.35	32.33	24.42	27.14	0.89	0.92	0.230
511	1	C50-4	SLV_01	-312.90	-21.49	34.00	27.14	0.90	0.92	0.222
512	1	R60x40-5	SLV_01	-350.46	33.51	85.29	36.19	0.95	0.83	0.418
513	1	R60x40-5	SLV_01	-216.42	-47.67	-46.30	36.19	0.96	0.86	0.300
514	1	R60x40-5	SLV_01	-252.54	-38.67	40.18	36.19	0.97	0.86	0.252
515	1	R60x40-5	SLV_01	-407.88	-35.84	-81.89	36.19	0.98	0.83	0.412

516	1	R60x40-5	SLV_01	-482.30	-32.23	63.67	36.19	0.97	0.90	0.334
517	1	R100x40-2	SLV_02	-637.14	98.14	-56.71	54.29	0.99	0.93	0.230
518	1	R100x40-2	SLV_02	-637.69	98.00	58.23	54.29	0.99	0.93	0.234
519	1	R60x40-5	SLV_01	-483.59	32.44	64.45	36.19	0.97	0.90	0.337
52	1	C50-4	SLV_02	-1145.88	34.53	-22.92	27.14	0.56	0.58	0.397
520	1	R60x40-5	SLV_01	-414.14	38.12	-83.83	36.19	0.98	0.83	0.427
521	1	R60x40-5	SLV_01	-255.63	-40.23	-40.15	36.19	0.97	0.86	0.256
522	1	R60x40-5	SLV_01	-215.22	-50.11	46.90	36.19	0.96	0.86	0.308
523	1	R60x40-5	SLV_01	-344.68	38.41	-84.53	36.19	0.95	0.83	0.429
524	1	R60x40-5	SLV_01	-610.59	33.99	-102.73	36.19	0.97	0.90	0.495
525	1	R60x40-5	SLV_01	-521.23	-48.40	87.10	36.19	0.97	0.83	0.464
526	1	R60x40-5	SLV_01	-450.09	-45.86	-49.59	36.19	0.97	0.86	0.308
527	1	R60x40-5	SLV_01	-478.75	-39.47	48.60	36.19	0.97	0.86	0.292
528	1	R60x40-5	SLV_01	-554.46	-36.97	-84.48	36.19	0.97	0.83	0.426
529	1	R60x40-5	SLV_02	-600.75	-50.57	83.41	36.19	0.97	0.90	0.454
53	1	C50-4	SLV_02	-1094.85	33.92	-21.90	27.14	0.55	0.57	0.382
530	1	R80x40-3	SLV_02	312.40	60.91	28.67	37.70	0.99	0.91	0.532
531	1	R80x40-5	SLV_02	-1512.76	-27.36	1.86	54.29	1.00	0.97	0.223
532	1	R60x40-5	SLV_02	-608.74	-50.08	-84.23	36.19	0.97	0.90	0.457
533	1	R60x40-5	SLV_01	-549.88	38.60	-86.65	36.19	0.97	0.83	0.440
534	1	R60x40-5	SLV_01	-482.82	-41.11	-47.37	36.19	0.97	0.86	0.291
535	1	R60x40-5	SLV_01	-428.25	-47.96	55.12	36.19	0.97	0.86	0.334
536	1	R60x40-6	SLV_01	-467.33	-46.03	-84.91	54.29	0.97	0.83	0.387
537	1	R60x40-5	SLV_01	-522.03	35.28	99.97	36.19	0.97	0.90	0.483
538	1	R60x40-5	SLV_01	-490.80	-16.73	-78.94	36.19	0.99	0.92	0.358
539	1	R60x40-5	SLV_01	-425.09	-20.30	71.42	36.19	0.99	0.86	0.336
54	1	C50-4	SLV_02	-944.03	29.88	-18.88	27.14	0.55	0.57	0.331
540	1	R60x40-5	SLV_01	-329.07	-19.41	-38.39	36.19	0.99	0.88	0.202
541	1	R60x40-5	SLV_01	-325.53	-17.27	39.30	36.19	0.99	0.88	0.201
542	1	R60x40-5	SLV_01	-420.97	-15.76	-70.19	36.19	0.99	0.86	0.320
543	1	R60x40-5	SLV_01	-475.77	9.52	-79.51	36.19	0.99	0.92	0.345
544	1	R60x40-5	SLV_01	-479.54	-9.59	79.82	36.19	0.99	0.92	0.346
545	1	R60x40-5	SLV_01	-417.53	17.23	-71.86	36.19	0.99	0.86	0.331
546	1	R60x40-5	SLV_01	-328.29	20.29	37.57	36.19	0.99	0.88	0.201
547	1	R60x40-5	SLV_01	-310.77	25.12	-43.49	36.19	0.99	0.88	0.234
548	1	R60x40-5	SLV_01	-399.02	-18.19	-68.27	36.19	0.99	0.86	0.317
549	1	R60x40-7	SLV_01	-430.71	-15.04	76.42	36.19	0.99	0.92	0.343
55	1	C50-4	SLV_02	-799.07	26.19	-15.98	27.14	0.55	0.57	0.283
550	1	R56x30-2	SLV_01	-187.58	29.95	-52.80	25.13	0.96	0.79	0.568
551	1	R56x30-2	SLV_01	-184.39	34.22	53.32	25.13	0.96	0.79	0.582
552	1	C50-4	SLV_01	-291.72	12.53	-60.73	27.14	0.91	0.96	0.337
553	1	C50-4	SLV_01	-291.95	13.06	61.11	27.14	0.91	0.96	0.340
554	1	C50-4	SLV_01	-235.61	-12.48	-35.20	27.14	0.92	0.96	0.204
555	1	C50-4	SLV_01	-237.68	-12.93	35.75	27.14	0.92	0.96	0.208
556	1	C50-4	SLV_01	-219.17	-21.33	-45.97	27.14	0.89	0.95	0.276
557	1	C50-4	SLV_01	-221.83	-21.51	46.39	27.14	0.89	0.95	0.278
558	1	C50-4	SLV_01	-200.40	16.00	-44.06	27.14	0.89	0.94	0.255
559	1	C50-4	SLV_01	-201.93	16.68	44.79	27.14	0.89	0.94	0.260
56	1	C50-4	SLV_02	-798.14	27.39	-15.96	27.14	0.55	0.57	0.286

560	1	C50-4	SLV_02	-64.15	30.95	27.79	27.14	0.90	0.92	0.246
561	1	C50-4	SLV_02	-68.44	30.87	-25.91	27.14	0.90	0.92	0.231
562	1	R60x40-5	SLV_01	-142.24	40.77	-112.11	36.19	0.93	0.79	0.620
563	1	R60x40-5	SLV_01	-90.60	72.50	58.29	36.19	0.94	0.82	0.438
564	1	R60x40-5	SLV_02	-115.70	90.58	-27.28	36.19	0.95	0.82	0.332
565	1	R60x40-5	SLV_01	-262.29	24.31	83.38	36.19	0.98	0.83	0.385
566	1	R60x40-5	SLV_02	-330.77	-57.05	46.68	36.19	0.97	0.90	0.322
567	1	R100x40-2	SLV_02	-206.10	-87.38	61.85	54.29	0.99	0.92	0.238
568	1	R100x40-2	SLV_02	-412.47	-86.24	-67.21	54.29	0.99	0.92	0.245
569	1	R60x40-5	SLV_02	-331.82	52.25	50.41	36.19	0.97	0.90	0.325
57	1	C50-4	SLV_02	-1264.07	31.62	-25.28	27.14	0.59	0.59	0.420
570	1	R60x40-5	SLV_01	-268.66	26.49	-83.71	36.19	0.98	0.83	0.397
571	1	R60x40-5	SLV_01	-116.65	56.20	45.95	36.19	0.95	0.82	0.321
572	1	R60x40-5	SLV_01	-89.05	69.36	-57.87	36.19	0.94	0.82	0.429
573	1	R60x40-5	SLV_01	-139.66	-42.79	110.93	36.19	0.93	0.79	0.620
574	1	R60x40-5	SLV_01	-416.68	-34.36	108.47	36.19	0.97	0.90	0.515
575	1	R60x40-5	SLV_01	-350.52	41.90	-99.81	36.19	0.97	0.83	0.499
576	1	R60x40-5	SLV_01	-332.12	55.56	52.26	36.19	0.97	0.86	0.340
577	1	R60x40-5	SLV_01	-358.26	57.85	-49.11	36.19	0.97	0.86	0.333
578	1	R60x40-5	SLV_01	-386.71	27.61	85.68	36.19	0.97	0.83	0.408
579	1	R60x40-5	SLV_02	-417.28	-45.43	82.83	36.19	0.97	0.90	0.440
58	1	C50-5	SLV_02	-854.96	-17.10	-17.10	36.19	0.63	0.66	0.253
580	1	R80x40-3	SLV_02	79.12	46.54	29.54	37.70	0.99	0.91	0.307
581	1	R80x40-5	SLV_02	321.20	48.34	-2.91	54.29	1.00	0.97	0.256
582	1	R60x40-5	SLV_02	-424.61	-44.79	-82.86	36.19	0.97	0.90	0.438
583	1	R60x40-5	SLV_01	-382.84	30.12	-86.11	36.19	0.97	0.83	0.415
584	1	R60x40-5	SLV_01	-361.73	60.48	47.94	36.19	0.97	0.86	0.334
585	1	R60x40-5	SLV_01	-318.57	62.18	-58.05	36.19	0.98	0.86	0.381
586	1	R60x40-6	SLV_02	-367.58	166.72	95.72	54.29	0.89	0.72	0.658
587	1	R60x40-5	SLV_01	-169.15	119.09	-108.11	36.19	0.87	0.79	0.771
588	1	R60x40-5	SLV_01	-324.62	-15.63	78.32	36.19	0.99	0.92	0.349
589	1	R60x40-5	SLV_01	-277.90	-18.87	-73.92	36.19	0.99	0.86	0.337
59	1	C50-3	SLV_02	-506.09	-10.12	-10.12	45.24	0.66	0.69	0.140
590	1	R60x40-5	SLV_01	-215.26	-20.41	37.80	36.19	0.99	0.88	0.200
591	1	R60x40-5	SLV_01	-210.50	-20.19	-38.91	36.19	0.99	0.88	0.203
592	1	R60x40-5	SLV_01	-276.33	-16.37	72.62	36.19	0.99	0.86	0.329
593	1	R60x40-5	SLV_01	-313.94	-8.52	-78.37	36.19	0.99	0.92	0.331
594	1	R60x40-5	SLV_01	-316.86	-9.09	78.59	36.19	0.99	0.92	0.335
595	1	R60x40-5	SLV_01	-274.05	-19.43	-73.37	36.19	0.99	0.86	0.336
596	1	R60x40-5	SLV_01	-212.14	-25.39	37.91	36.19	0.99	0.88	0.212
597	1	R60x40-5	SLV_01	-201.97	-39.24	-44.58	36.19	0.99	0.88	0.272
598	1	R60x40-5	SLV_02	-46.91	-121.80	74.17	36.19	0.90	0.73	0.697
599	1	R60x40-7	SLV_02	-82.49	-166.47	-66.04	36.19	0.87	0.82	0.773
6	1	R100x50-2	SLV_02	-2758.25	-108.95	55.16	54.29	0.71	0.69	0.362
60	1	R60x80-72	SLV_01	-1754.44	-35.09	73.60	54.29	0.97	0.99	0.243
600	1	R56x30-2	SLV_01	-89.32	-41.70	65.08	25.13	0.94	0.74	0.801
601	1	R56x30-2	SLV_01	-89.90	-42.08	-66.12	25.13	0.94	0.74	0.806
602	1	C50-4	SLV_01	-116.81	-20.79	84.99	27.14	0.88	0.94	0.540
603	1	C50-4	SLV_01	-116.48	-21.66	-85.59	27.14	0.88	0.94	0.547

604	1	C50-4	SLV_01	-93.13	21.59	41.61	27.14	0.89	0.94	0.268
605	1	C50-4	SLV_01	-91.70	22.28	-42.53	27.14	0.89	0.94	0.278
606	1	C50-4	SLV_01	-85.10	37.18	61.27	27.14	0.86	0.93	0.467
607	1	C50-4	SLV_01	-83.69	37.36	-61.20	27.14	0.86	0.93	0.469
608	1	C50-4	SLV_01	-64.03	-22.41	58.14	27.14	0.86	0.91	0.414
609	1	C50-4	SLV_01	-63.00	-22.87	-58.21	27.14	0.86	0.91	0.416
61	1	R60x60-2	SLV_02	-1379.09	-27.58	-39.10	54.29	0.95	0.98	0.235
610	1	C50-4	SLV_02	-31.85	-40.29	-34.22	27.14	0.86	0.89	0.361
611	1	C50-4	SLV_01	-48.28	-27.13	40.85	27.14	0.86	0.89	0.330
615	1	R60x40-5	SLV_02	-64.47	89.13	74.77	36.19	0.97	0.83	0.592
616	1	R60x40-5	SLV_02	-62.08	73.13	-62.54	36.19	0.96	0.86	0.485
617	1	R100x40-2	SLV_02	-29.27	-125.01	56.68	54.29	0.99	0.89	0.326
618	1	R100x40-2	SLV_02	-28.55	-124.46	-57.76	54.29	0.99	0.89	0.330
619	1	R60x40-5	SLV_02	-60.71	73.71	66.83	36.19	0.96	0.86	0.510
62	1	R60x60-2	SLV_02	-1501.06	-30.02	35.92	54.29	0.95	0.98	0.249
620	1	R60x40-5	SLV_02	-60.89	95.76	-81.21	36.19	0.97	0.83	0.649
624	1	R60x40-5	SLV_01	-75.91	-30.09	132.42	36.19	0.97	0.86	0.757
625	1	R60x40-5	SLV_02	-91.10	-71.03	89.28	36.19	0.97	0.79	0.600
626	1	R60x40-5	SLV_02	-133.67	-169.75	46.35	36.19	0.96	0.82	0.665
627	1	R60x40-5	SLV_02	-164.54	-201.81	-43.78	36.19	0.96	0.82	0.743
628	1	R60x40-5	SLV_02	-150.72	90.67	97.21	36.19	0.95	0.79	0.648
629	1	R60x40-5	SLV_02	-184.86	91.36	-122.00	36.19	0.95	0.86	0.756
63	1	R60x80-72	SLV_01	-2065.93	-41.32	-92.57	54.29	0.97	0.99	0.290
630	1	R80x40-3	SLV_02	-111.97	-129.06	-55.00	37.70	0.82	0.84	0.452
631	1	R80x40-3	SLV_02	-108.53	-133.52	51.45	37.70	0.83	0.85	0.447
632	1	R60x40-5	SLV_02	-180.24	92.53	120.29	36.19	0.95	0.86	0.754
633	1	R60x40-5	SLV_02	-150.64	98.72	-103.88	36.19	0.95	0.79	0.706
634	1	R60x40-5	SLV_02	-160.99	-219.73	44.77	36.19	0.96	0.82	0.811
635	1	R60x40-5	SLV_02	-132.47	-208.71	-55.41	36.19	0.97	0.82	0.836
636	1	R60x40-6	SLV_02	-2.31	-235.92	-81.09	54.29	0.90	0.70	0.823
637	1	C50-6	SLV_01	59.85	-50.42	104.19	31.67	0.77	0.86	0.818
638	1	R60x40-5	SLV_01	-96.47	26.63	104.23	36.19	0.98	0.88	0.573
639	1	R60x40-5	SLV_01	-89.62	35.06	-83.63	36.19	0.98	0.81	0.486
64	1	R60x80-72	SLV_02	-2620.87	-52.42	64.87	54.29	0.98	0.99	0.334
640	1	R60x40-5	SLV_01	-59.88	36.90	37.39	36.19	0.98	0.85	0.253
641	1	R60x40-5	SLV_01	-62.22	33.31	-37.62	36.19	0.98	0.85	0.243
642	1	R60x40-5	SLV_01	-92.96	23.77	81.48	36.19	0.98	0.81	0.441
643	1	R60x40-5	SLV_01	-100.71	14.12	-100.49	36.19	0.98	0.88	0.523
644	1	R60x40-5	SLV_01	-100.83	14.81	99.81	36.19	0.98	0.88	0.517
645	1	R60x40-5	SLV_01	-92.00	25.51	-82.79	36.19	0.98	0.81	0.458
646	1	R60x40-5	SLV_02	-55.89	-58.58	-22.74	36.19	0.98	0.85	0.249
647	1	R60x40-5	SLV_02	-59.53	-71.61	36.94	36.19	0.99	0.85	0.353
648	1	R60x40-5	SLV_02	3.72	-208.01	-59.54	36.19	0.90	0.72	0.955
649	1	R30x60-3	SLV_01	39.79	25.84	107.76	36.19	0.82	0.83	0.560
	2	R30x60-4	SLV_01	39.79	16.78	-87.42	25.13			0.604
65	1	R100x50-2	SLV_02	-2593.43	-70.79	51.87	54.29	1.00	0.96	0.325
66	1	R80x40-5	SLV_02	-838.04	-55.08	-16.76	54.29	0.99	0.90	0.187
67	1	R100x50-2	SLV_02	-2609.36	-71.13	-52.19	54.29	1.00	0.96	0.327
68	1	R60x80-72	SLV_02	-2697.64	-53.95	-66.84	54.29	0.98	0.99	0.344

69	1	R60x80-72	SLV_01	-2114.74	-42.29	92.72	54.29	0.97	0.99	0.296
7	1	R80x40-5	SLV_02	-1020.27	-53.28	-20.41	54.29	0.70	0.67	0.216
70	1	R60x60-2	SLV_02	-1534.59	-30.69	-36.14	54.29	0.95	0.98	0.254
71	1	R60x60-2	SLV_02	-1404.63	-28.09	40.35	54.29	0.95	0.98	0.240
72	1	R60x80-72	SLV_01	-1735.51	-34.71	-73.64	54.29	0.97	0.99	0.241
725	1	R80x40-5	SLV_02	-1360.65	-28.42	5.83	54.29	1.00	0.98	0.212
73	1	R60x80-72	SLV_02	-2991.63	88.49	-59.83	54.29	0.99	0.93	0.398
74	1	R60x80-72	SLV_01	-2105.25	-42.11	87.05	54.29	0.97	0.99	0.291
75	1	R60x60-2	SLV_02	-1518.00	-30.36	-37.80	54.29	0.95	0.98	0.254
76	1	R60x60-2	SLV_01	-1543.11	-30.86	39.33	54.29	0.95	0.98	0.259
77	1	R60x80-72	SLV_01	-2065.43	-41.31	-86.63	54.29	0.97	0.99	0.286
78	1	R60x80-72	SLV_01	-2346.57	-46.93	74.81	54.29	0.98	0.99	0.310
79	1	R80x40-4	SLV_02	654.85	-85.33	-14.46	54.29	0.91	0.97	0.535
8	2	R80x40-3	SLV_02	654.85	-50.61	6.92	37.70			0.627
8	1	R100x50-2	SLV_02	-2774.19	-109.74	-55.48	54.29	0.71	0.69	0.364
80	1	R80x40-3	SLV_02	508.33	-61.59	20.26	37.70	1.00	0.98	0.643
81	1	R60x80-72	SLV_02	-2460.81	-49.22	-72.10	54.29	0.98	0.99	0.321
82	1	R60x80-72	SLV_01	-2215.29	-44.31	89.24	54.29	0.97	0.99	0.305
83	1	R60x60-2	SLV_02	-1601.50	-32.03	-37.63	54.29	0.95	0.98	0.265
84	1	R60x60-2	SLV_01	-1526.18	-30.52	40.64	54.29	0.95	0.98	0.258
85	1	R60x80-72	SLV_01	-2022.05	-40.44	-86.25	54.29	0.97	0.99	0.281
86	1	R60x80-72	SLV_02	-2824.96	88.92	56.50	54.29	0.98	0.93	0.380
87	1	R60x80-72	SLV_02	-2118.19	-42.36	-63.41	54.29	0.99	0.99	0.277
88	1	R60x80-72	SLV_01	-1778.04	-35.56	83.83	54.29	0.97	0.99	0.252
89	1	R60x60-2	SLV_02	-1313.11	-26.26	-35.37	54.29	0.95	0.98	0.222
9	1	R60x80-72	SLV_02	-2897.89	-57.96	-57.96	54.29	0.70	0.70	0.361
90	1	R60x60-2	SLV_02	-1306.25	-26.12	35.61	54.29	0.95	0.98	0.222
91	1	R60x80-72	SLV_02	-1747.06	-34.94	-82.20	54.29	0.97	0.99	0.248
92	1	R60x80-72	SLV_02	-2053.44	-41.07	63.81	54.29	0.98	0.99	0.270
93	1	R60x80-72	SLV_02	-2127.33	-42.55	-62.99	54.29	0.98	0.99	0.278
94	1	R60x80-72	SLV_02	-1895.41	-37.91	85.35	54.29	0.97	0.99	0.266
95	1	R60x60-2	SLV_02	-1372.67	-27.45	-36.03	54.29	0.95	0.98	0.231
96	1	R60x60-2	SLV_02	-1343.74	-26.87	36.88	54.29	0.95	0.98	0.228
97	1	R60x80-72	SLV_02	-1761.17	-35.22	-82.11	54.29	0.97	0.99	0.249
98	1	R60x80-73	SLV_02	-1994.80	-39.90	63.25	54.29	0.98	0.99	0.263
982	1	R80x40-5	SLV_02	201.83	44.85	-26.58	54.29	1.00	0.98	0.278
983	1	R80x40-5	SLV_02	92.35	-53.97	75.77	54.29	1.00	0.73	0.418
99	1	C50-5	SLV_02	-779.41	-15.59	-15.59	36.19	0.80	0.89	0.231

SLV:VERIFICHE M-N SETTI

Setto	Sezione	Quota [m]	Combinazione	N [kN]	M2 [kNm]	M3 [kNm]	D/C
W-ASC-DX	1B	-15.77	SLV_02	-776.53	-90.32	556.56	0.038
	1T	-11.27	SLV_02	-776.53	59.73	-402.32	0.033
	2B	-11.27	SLV_02	-717.97	58.65	-409.92	0.033
	2T	-7.87	SLV_02	-717.97	112.24	-512.42	0.039
	3B	-7.87	SLV_02	-659.36	111.19	-522.42	0.039
	3T	-4.45	SLV_02	-659.36	190.85	-915.48	0.061
	4B	-4.45	SLV_02	-600.70	189.76	-925.42	0.061
	4T	0	SLV_01	-595.08	-1101.26	-1821.21	0.138
	5B	0	SLV_01	-536.36	-1101.66	-1831.00	0.138
	5T	4.75	SLV_02	-541.98	365.79	-1536.24	0.097
	6B	4.75	SLV_02	-483.26	364.96	-1546.23	0.097
	6T	8.16	SLV_02	-483.26	305.07	-1229.16	0.079
	7B	8.16	SLV_02	-424.55	304.08	-1238.90	0.078
	7T	11.57	SLV_02	-424.55	276.33	-945.39	0.063
	8B	11.57	SLV_02	-365.85	275.19	-954.80	0.063
	8T	14.98	SLV_02	-365.85	232.05	-676.87	0.047
	9B	14.98	SLV_02	-307.15	230.71	-685.72	0.047
	9T	18.4	SLV_01	-301.45	311.19	-342.53	0.033
	10B	18.4	SLV_01	-242.75	309.21	-350.96	0.032
	10T	21.8	SLV_01	-242.75	196.72	-164.62	0.019
11B	21.8	SLV_01	-184.05	194.87	-172.61	0.018	
11T	25.2	SLV_01	-184.05	81.32	-88.66	0.010	
12B	25.2	SLV_01	-125.35	80.29	-97.47	0.009	
12T	28.7	SLV_02	-131.12	-15.77	-36.24	0.005	
W-ASC-MID-1	1B	-15.77	SLV_02	-1008.74	-238.40	1682.57	0.115
	1T	-11.27	SLV_02	-1113.35	-332.07	-881.80	0.069
	2B	-11.27	SLV_02	-1038.42	-331.89	-890.12	0.068
	2T	-7.87	SLV_02	-1038.42	-563.40	-781.65	0.067
	3B	-7.87	SLV_02	-963.47	-563.46	-790.47	0.066
	3T	-4.45	SLV_01	-929.98	-2525.81	-439.58	0.083
	4B	-4.45	SLV_01	-854.99	-2525.00	-448.90	0.082
	4T	0	SLV_02	-888.49	-1394.62	-1712.08	0.135
	5B	0	SLV_02	-813.44	-1394.02	-1721.45	0.135
	5T	4.75	SLV_02	-813.44	-1337.98	-1932.99	0.146
	6B	4.75	SLV_02	-738.34	-1337.58	-1942.22	0.146
	6T	8.16	SLV_02	-738.34	-1093.63	-1886.12	0.138
	7B	8.16	SLV_02	-663.19	-1093.37	-1895.06	0.137
	7T	11.57	SLV_02	-663.19	-925.82	-1494.27	0.111
	8B	11.57	SLV_02	-587.99	-925.32	-1502.16	0.111
	8T	14.98	SLV_02	-587.99	-806.93	-1167.81	0.089
	9B	14.98	SLV_02	-512.74	-805.73	-1174.60	0.089
	9T	18.4	SLV_02	-512.74	-658.89	-849.46	0.067
	10B	18.4	SLV_02	-437.45	-657.10	-855.30	0.067
	10T	21.8	SLV_02	-437.45	-460.20	-545.27	0.045
11B	21.8	SLV_02	-362.13	-458.46	-550.45	0.044	
11T	25.2	SLV_02	-362.13	-245.54	-340.49	0.028	
12B	25.2	SLV_02	-286.79	-246.16	-345.04	0.027	

	12T	28.7	SLV_01	-254.08	-166.21	-229.06	0.019
	1B	-15.77	SLV_01	-527.32	-23.76	3.65	0.161
	1T	-11.27	SLV_02	-587.00	7.56	-6.99	0.174
	2B	-11.27	SLV_02	-528.81	7.53	10.67	0.187
	2T	-7.87	SLV_02	-528.81	-6.81	-7.15	0.163
	3B	-7.87	SLV_02	-479.59	-6.97	3.89	0.131
	3T	-4.45	SLV_02	-479.59	13.13	-4.58	0.144
	4B	-4.45	SLV_02	-426.91	12.84	5.01	0.136
	4T	0	SLV_01	-367.79	51.30	-6.43	0.186
	5B	0	SLV_01	-305.06	53.52	2.04	0.146
	5T	4.75	SLV_01	-305.06	-43.41	2.95	0.138
	6B	4.75	SLV_01	-275.66	-42.32	-3.30	0.134
W-ASC-MID-2	6T	8.16	SLV_02	-332.91	4.82	-5.62	0.111
	7B	8.16	SLV_02	-275.78	6.12	9.96	0.132
	7T	11.57	SLV_02	-275.78	-4.76	-8.25	0.117
	8B	11.57	SLV_02	-218.03	-4.93	6.72	0.095
	8T	14.98	SLV_02	-218.03	4.84	-6.78	0.096
	9B	14.98	SLV_01	-115.78	10.89	6.26	0.087
	9T	18.4	SLV_01	-115.78	-8.79	-6.50	0.086
	10B	18.4	SLV_01	-62.38	-10.21	6.14	0.082
	10T	21.8	SLV_01	-62.38	11.48	-5.93	0.082
	11B	21.8	SLV_02	56.13	5.16	7.43	0.100
	11T	25.2	SLV_02	56.13	-16.84	-9.55	0.141
	12B	25.2	SLV_02	109.64	-17.70	10.43	0.179
	12T	28.7	SLV_02	109.64	18.23	-13.76	0.208
W-ASC-SX	1B	-15.77	SLV_02	-782.66	92.35	563.63	0.051
	1T	-11.27	SLV_02	-782.66	36.90	-403.77	0.043
	2B	-11.27	SLV_02	-724.08	-61.96	-413.06	0.042
	2T	-7.87	SLV_02	-724.08	-117.36	-526.53	0.051
	3B	-7.87	SLV_02	-665.49	-116.32	-536.49	0.051
	3T	-4.45	SLV_02	-665.49	-198.06	-955.19	0.083
	4B	-4.45	SLV_02	-606.84	-197.01	-965.07	0.083
	4T	0	SLV_01	-596.57	1088.32	-1810.51	0.192
	5B	0	SLV_01	-537.88	1088.72	-1820.32	0.192
	5T	4.75	SLV_02	-548.15	367.72	-1624.02	0.138
	6B	4.75	SLV_02	-489.44	368.78	-1633.99	0.138
	6T	8.16	SLV_02	-489.44	307.92	-1304.40	0.112
	7B	8.16	SLV_02	-430.75	308.82	-1314.21	0.112
	7T	11.57	SLV_02	-430.75	-282.68	-1018.05	0.090
	8B	11.57	SLV_02	-372.07	-281.52	-1027.46	0.090
	8T	14.98	SLV_02	-372.07	-236.08	-750.19	0.068
	9B	14.98	SLV_02	-313.40	-234.72	-759.08	0.068
	9T	18.4	SLV_01	-303.14	-325.39	-387.94	0.048
	10B	18.4	SLV_01	-244.48	-323.32	-396.58	0.048
	10T	21.8	SLV_01	-244.48	-211.55	-213.75	0.029
	11B	21.8	SLV_01	-185.83	-209.51	-222.01	0.029
	11T	25.2	SLV_02	-196.10	-92.59	-104.55	0.014
	12B	25.2	SLV_02	-137.46	-91.69	-112.12	0.014
	12T	28.7	SLV_02	-137.46	19.59	34.36	0.006

	1B	-15.77	SLV_02	-6264.64	-7666.07	12854.54	0.123
	1T	-11.27	SLV_02	-6264.78	-9337.92	14990.80	0.167
	2B	-11.27	SLV_02	-5457.56	-8561.26	14360.68	0.169
	2T	-7.87	SLV_02	-5457.84	-10412.39	18869.83	0.254
	3B	-7.87	SLV_02	-4643.62	-9598.82	18264.89	0.257
	3T	-4.45	SLV_02	-4643.78	-11967.23	25645.70	0.392
	4B	-4.45	SLV_02	-3732.90	-10902.14	25093.79	0.396
	4T	0	SLV_02	-3733.09	-13483.92	34837.50	0.571
	5B	0	SLV_02	-2840.54	9927.27	34738.97	0.949
	5T	4.75	SLV_02	-2840.99	8153.82	27016.20	0.717
	6B	4.75	SLV_02	-2577.95	8911.76	27028.97	0.735
W-DX	6T	8.16	SLV_02	-2578.47	7226.54	22535.70	0.594
	7B	8.16	SLV_02	-2185.48	7770.27	21806.18	0.594
	7T	11.57	SLV_02	-2186.15	-5817.25	17628.05	0.461
	8B	11.57	SLV_02	-1788.37	6343.17	16869.13	0.459
	8T	14.98	SLV_02	-1789.19	-4772.79	13001.79	0.337
	9B	14.98	SLV_02	-1392.23	4752.49	12225.43	0.330
	9T	18.4	SLV_02	-1393.15	-3551.55	8612.46	0.219
	10B	18.4	SLV_02	-997.68	3102.00	7803.40	0.207
	10T	21.8	SLV_02	-998.60	-2305.96	4666.50	0.113
	11B	21.8	SLV_02	-604.24	-1631.40	3810.08	0.098
	11T	25.2	SLV_01	-582.69	-1490.16	1846.50	0.044
	12B	25.2	SLV_01	-188.97	783.95	899.98	0.026
	12T	28.7	SLV_01	-189.22	-331.32	654.20	0.014
	5T	4.75	SLV_02	-67.87	-1818.99	5968.61	0.759
	6B	4.75	SLV_02	1037.91	1008.86	-4915.98	0.928
	6T	8.16	SLV_02	996.01	603.71	-4399.88	0.773
	7B	8.16	SLV_02	208.16	-1481.48	5946.79	0.708
	7T	11.57	SLV_02	-29.65	-1473.71	5382.38	0.651
	8B	11.57	SLV_02	130.65	1046.50	-8057.63	0.666
W-MID-DX	8T	14.98	SLV_02	0.93	-1259.10	4458.46	0.550
	9B	14.98	SLV_02	128.91	909.45	-6877.90	0.573
	9T	18.4	SLV_02	-39.61	-984.96	3169.62	0.407
	10B	18.4	SLV_02	65.71	711.88	-5255.11	0.438
	10T	21.8	SLV_02	-124.66	-707.44	1743.02	0.272
	11B	21.8	SLV_02	-28.86	503.43	-3465.54	0.289
	11T	25.2	SLV_01	-74.03	-564.15	476.14	0.205
	12B	25.2	SLV_02	68.70	382.03	-1249.08	0.241
	12T	28.7	SLV_01	1.29	-271.67	229.06	0.111
	1B	-15.77	SLV_02	-5258.76	-3326.66	14884.55	0.247
	1T	-11.27	SLV_02	-9969.75	-3923.72	-13131.19	0.217
	2B	-11.27	SLV_02	-9264.21	-3898.76	-13420.86	0.214
	2T	-7.87	SLV_02	-9048.27	-4564.10	-12407.60	0.205
W-MID-INF	3B	-7.87	SLV_02	-8441.62	-4549.54	-12282.69	0.199
	3T	-4.45	SLV_02	-8284.35	-5239.29	-14172.67	0.221
	4B	-4.45	SLV_02	-7561.15	4989.50	-13396.27	0.207
	4T	0	SLV_02	-7473.02	-5284.09	-18860.57	0.276
	5B	0	SLV_02	-6794.63	-5373.59	-18043.66	0.265
	5T	4.75	SLV_02	-42.92	1814.10	5955.61	0.759

W-MID-SX	6B	4.75	SLV_02	1036.66	-1009.72	-4965.82	0.931
	6T	8.16	SLV_02	988.82	-608.92	-4425.32	0.773
	7B	8.16	SLV_02	217.25	1477.65	5931.02	0.706
	7T	11.57	SLV_02	-40.30	1473.75	5372.91	0.649
	8B	11.57	SLV_02	120.95	-1050.02	-8066.74	0.666
	8T	14.98	SLV_02	-15.55	1258.98	4395.85	0.544
	9B	14.98	SLV_02	111.80	-910.33	-6846.34	0.569
	9T	18.4	SLV_02	-64.44	981.11	3029.05	0.395
	10B	18.4	SLV_02	38.22	-706.79	-5158.97	0.428
	10T	21.8	SLV_02	-158.11	701.36	1529.08	0.264
	11B	21.8	SLV_02	-61.56	-491.10	-3286.93	0.272
	11T	25.2	SLV_01	-79.18	570.54	390.37	0.207
	12B	25.2	SLV_02	53.63	-382.07	-1114.39	0.223
12T	28.7	SLV_01	-24.73	236.29	209.37	0.094	
W-SX	1B	-15.77	SLV_02	-7311.97	-8082.87	-12970.61	0.153
	1T	-11.27	SLV_02	-6235.56	-9817.28	-15271.24	0.183
	2B	-11.27	SLV_02	-5402.57	-8951.51	-14616.72	0.173
	2T	-7.87	SLV_02	-5403.10	-10889.52	-19432.81	0.227
	3B	-7.87	SLV_02	-4618.08	-10035.38	-18893.34	0.218
	3T	-4.45	SLV_02	-4618.45	-12517.38	-26684.59	0.300
	4B	-4.45	SLV_02	-3791.19	-11327.86	-26368.54	0.291
	4T	0	SLV_02	-3791.64	-14071.71	-36622.00	0.395
	5B	0	SLV_02	-2972.17	10117.73	27239.84	0.737
	5T	4.75	SLV_02	-2972.81	8323.10	18941.01	0.490
	6B	4.75	SLV_02	-2711.62	9096.99	19893.58	0.534
	6T	8.16	SLV_02	-3336.16	7344.33	-23969.14	0.406
	7B	8.16	SLV_02	-2317.24	7894.10	15796.44	0.425
	7T	11.57	SLV_02	-2879.64	-6165.95	-18990.46	0.324
	8B	11.57	SLV_02	-1917.89	6412.73	12126.40	0.325
	8T	14.98	SLV_02	-2411.41	-5113.57	-14368.81	0.249
	9B	14.98	SLV_02	-1936.22	4772.06	-13604.06	0.235
	9T	18.4	SLV_02	-1934.97	-3900.82	-9993.99	0.176
	10B	18.4	SLV_02	-1452.96	-3239.51	-9195.21	0.159
	10T	21.8	SLV_02	-1128.28	-2657.65	-6005.53	0.108
11B	21.8	SLV_02	-963.35	-1963.75	-5164.58	0.091	
11T	25.2	SLV_02	-734.76	-1562.51	-2770.28	0.052	
12B	25.2	SLV_02	-284.00	-755.34	-1742.82	0.031	
12T	28.7	SLV_02	-430.61	-532.07	-820.35	0.016	

SLV:VERIFICHE A TAGLIO TRAVI

Trave	Segmento	Sezione	Direzione 2				Direzione 3			
			Combo	V [kN]	Aw [cm²/cm]	D/C	Combo	V [kN]	Aw [cm²/cm]	D/C
1000	1	R100x35-94	SLV_01	-76.89	0.21	0.35	SLV_02	32.02	0.10	0.09
	2	R100x35-92	SLV_01	59.00	0.21	0.27	SLV_02	32.02	0.10	0.09
1001	1	R100x35-92	SLV_01	114.89	0.21	0.52	SLV_02	14.83	0.10	0.04
1002	1	R100x35-92	SLV_01	-70.74	0.21	0.32	SLV_02	-35.45	0.10	0.10
	2	R100x35-94	SLV_01	74.20	0.21	0.34	SLV_02	-35.45	0.10	0.10
1004	1	R100x35-96	SLV_01	-134.36	0.23	0.56	SLV_02	17.17	0.11	0.05
	2	R100x35-97	SLV_01	134.64	0.23	0.56	SLV_02	17.17	0.11	0.05
1005	1	R120x35-11	SLV_02	-90.24	0.21	0.41	SLV_02	28.20	0.10	0.07
	2	R120x35-12	SLV_02	138.53	0.31	0.42	SLV_02	28.20	0.16	0.04
1006	1	R120x35-12	SLV_02	-137.87	0.31	0.42	SLV_02	-27.66	0.16	0.04
	2	R120x35-11	SLV_02	90.81	0.21	0.41	SLV_02	-27.66	0.10	0.07
1008	1	R60x30-2	SLV_02	-23.29	0.16	0.17	SLV_02	3.62	0.08	0.02
1009	1	R100x35-98	SLV_01	-85.95	0.21	0.39	SLV_02	37.75	0.10	0.11
1010	1	R100x35-98	SLV_01	-137.70	0.21	0.62	SLV_02	-16.15	0.10	0.05
1011	1	R60x30-2	SLV_02	-23.36	0.16	0.17	SLV_02	-3.59	0.08	0.02
1013	1	R50x35-14	SLV_02	13.38	0.10	0.12	SLV_02	5.16	0.10	0.03
1015	1	R50x35-14	SLV_02	12.56	0.10	0.11	SLV_02	-4.76	0.10	0.03
1017	1	R50x35-14	SLV_02	11.92	0.10	0.11	SLV_02	-4.63	0.10	0.03
1019	1	R50x35-14	SLV_02	-12.34	0.10	0.11	SLV_02	-4.66	0.10	0.03
1021	1	R50x35-15	SLV_02	-15.68	0.10	0.14	SLV_02	-4.99	0.10	0.03
1022	1	R50x35-16	SLV_02	-40.88	0.10	0.37	SLV_01	-3.72	0.10	0.02
	2	R50x35-14	SLV_02	-40.88	0.10	0.15	SLV_01	-3.72	0.10	0.01
	3	R50x35-17	SLV_02	-40.88	0.10	0.37	SLV_01	-3.72	0.10	0.02
1023	1	R50x35-16	SLV_02	-40.14	0.10	0.36	SLV_01	4.72	0.10	0.03
	2	R50x35-14	SLV_02	-40.14	0.10	0.15	SLV_01	4.72	0.10	0.01
	3	R50x35-17	SLV_02	-40.14	0.10	0.36	SLV_01	4.72	0.10	0.03
1025	1	R50x35-14	SLV_02	-16.08	0.10	0.15	SLV_02	5.05	0.10	0.03
1027	1	R50x35-14	SLV_02	12.76	0.10	0.12	SLV_02	-4.48	0.10	0.03
1029	1	R50x35-14	SLV_02	9.65	0.10	0.09	SLV_02	-5.59	0.10	0.03
1031	1	R50x35-14	SLV_02	12.62	0.10	0.11	SLV_02	5.89	0.10	0.04
1033	1	R50x35-14	SLV_02	13.30	0.10	0.12	SLV_02	-5.26	0.10	0.03
1036	1	R50x35-14	SLV_02	-10.43	0.10	0.09	SLV_02	-2.22	0.10	0.01
1037	1	R50x35-14	SLV_02	-8.76	0.10	0.08	SLV_02	-1.90	0.10	0.01
1038	1	R50x35-15	SLV_02	-6.66	0.10	0.06	SLV_02	-1.43	0.10	0.01
1039	1	R50x35-14	SLV_02	-6.54	0.10	0.06	SLV_02	-1.20	0.10	0.01
1040	1	R50x35-14	SLV_02	-6.15	0.10	0.06	SLV_02	1.06	0.10	0.01
1041	1	R50x35-14	SLV_02	-6.56	0.10	0.06	SLV_02	1.07	0.10	0.01
1042	1	R50x35-14	SLV_02	-6.58	0.10	0.06	SLV_02	1.36	0.10	0.01
1043	1	R50x35-14	SLV_02	-8.68	0.10	0.08	SLV_02	1.96	0.10	0.01
1044	1	R50x35-14	SLV_02	-10.05	0.10	0.09	SLV_02	2.40	0.10	0.01
1045	1	R50x35-15	SLV_02	-22.41	0.10	0.20	SLV_02	-3.48	0.10	0.02
1046	1	R50x35-14	SLV_02	-20.84	0.10	0.19	SLV_02	3.84	0.10	0.02
1047	1	R50x35-14	SLV_02	-20.49	0.10	0.19	SLV_02	3.73	0.10	0.02
1048	1	R50x35-14	SLV_02	-20.91	0.10	0.19	SLV_02	3.57	0.10	0.02
1049	1	R50x35-14	SLV_02	-21.19	0.10	0.19	SLV_02	3.61	0.10	0.02
1050	1	R50x35-15	SLV_02	-23.24	0.10	0.21	SLV_02	3.58	0.10	0.02
1051	1	R50x35-15	SLV_02	-23.76	0.10	0.21	SLV_02	-3.82	0.10	0.02

1052	1	R50x35-14	SLV_02	-21.55	0.10	0.19	SLV_02	3.79	0.10	0.02
1053	1	R50x35-14	SLV_02	-17.78	0.10	0.16	SLV_02	4.31	0.10	0.03
1054	1	R50x35-14	SLV_02	-20.36	0.10	0.18	SLV_02	-4.51	0.10	0.03
1055	1	R50x35-14	SLV_02	-20.33	0.10	0.18	SLV_02	-4.17	0.10	0.03
1056	1	R50x35-15	SLV_02	-21.32	0.10	0.19	SLV_02	3.36	0.10	0.02
1057	1	R50x80-110	SLV_02	113.91	0.09	0.48	SLV_02	-24.88	0.09	0.17
	2	R50x80-112	SLV_02	113.91	0.09	0.48	SLV_02	-24.88	0.09	0.17
1058	1	R50x80-110	SLV_02	125.93	0.09	0.53	SLV_02	-23.53	0.09	0.16
	2	R50x80-111	SLV_02	125.93	0.09	0.53	SLV_02	-23.53	0.09	0.16
	3	R50x80-112	SLV_02	125.93	0.09	0.53	SLV_02	-23.53	0.09	0.16
1059	1	R50x80-59	SLV_02	141.97	0.09	0.59	SLV_01	-24.80	0.09	0.17
	2	R50x80-60	SLV_02	141.97	0.09	0.59	SLV_01	-24.80	0.09	0.17
	3	R50x80-61	SLV_02	141.97	0.09	0.59	SLV_01	-24.80	0.09	0.17
1060	1	R50x80-59	SLV_02	152.02	0.09	0.64	SLV_01	-25.83	0.09	0.18
	2	R50x80-60	SLV_02	152.02	0.09	0.64	SLV_01	-25.83	0.09	0.18
	3	R50x80-61	SLV_02	152.02	0.09	0.64	SLV_01	-25.83	0.09	0.18
1061	1	R50x80-62	SLV_02	160.58	0.09	0.67	SLV_01	-26.96	0.09	0.18
	2	R50x80-63	SLV_02	160.58	0.09	0.67	SLV_01	-26.96	0.09	0.18
	3	R50x80-64	SLV_02	160.58	0.09	0.67	SLV_01	-26.96	0.09	0.18
1062	1	R50x80-59	SLV_02	156.19	0.09	0.65	SLV_01	-25.63	0.09	0.18
	2	R50x80-60	SLV_02	156.19	0.09	0.65	SLV_01	-25.63	0.09	0.18
	3	R50x80-61	SLV_02	156.19	0.09	0.65	SLV_01	-25.63	0.09	0.18
1063	1	R50x80-56	SLV_02	111.92	0.09	0.47	SLV_01	-25.87	0.09	0.18
	2	R50x80-57	SLV_02	111.92	0.09	0.47	SLV_01	-25.87	0.09	0.18
	3	R50x80-58	SLV_02	111.92	0.09	0.47	SLV_01	-25.87	0.09	0.18
1064	1	R50x80-59	SLV_02	157.89	0.09	0.66	SLV_01	25.60	0.09	0.17
	2	R50x80-60	SLV_02	157.89	0.09	0.66	SLV_01	25.60	0.09	0.17
	3	R50x80-61	SLV_02	157.89	0.09	0.66	SLV_01	25.60	0.09	0.17
1065	1	R50x80-62	SLV_02	161.71	0.09	0.68	SLV_01	27.05	0.09	0.19
	2	R50x80-63	SLV_02	161.71	0.09	0.68	SLV_01	27.05	0.09	0.19
	3	R50x80-64	SLV_02	161.71	0.09	0.68	SLV_01	27.05	0.09	0.19
1066	1	R50x80-59	SLV_02	151.87	0.09	0.64	SLV_01	26.31	0.09	0.18
	2	R50x80-60	SLV_02	151.87	0.09	0.64	SLV_01	26.31	0.09	0.18
	3	R50x80-61	SLV_02	151.87	0.09	0.64	SLV_01	26.31	0.09	0.18
1067	1	R50x80-59	SLV_02	141.59	0.09	0.59	SLV_01	24.39	0.09	0.17
	2	R50x80-60	SLV_02	141.59	0.09	0.59	SLV_01	24.39	0.09	0.17
	3	R50x80-61	SLV_02	141.59	0.09	0.59	SLV_01	24.39	0.09	0.17
1068	1	R50x80-110	SLV_02	125.29	0.09	0.52	SLV_02	24.27	0.09	0.17
	2	R50x80-111	SLV_02	125.29	0.09	0.52	SLV_02	24.27	0.09	0.17
	3	R50x80-112	SLV_02	125.29	0.09	0.52	SLV_02	24.27	0.09	0.17
1069	1	R50x80-108	SLV_02	114.29	0.09	0.48	SLV_02	24.65	0.09	0.17
	2	R50x80-109	SLV_02	114.29	0.09	0.48	SLV_02	24.65	0.09	0.17
1070	1	R50x30-19	SLV_02	-17.25	0.10	0.19	SLV_02	2.79	0.10	0.02
1071	1	R50x35-14	SLV_02	19.28	0.10	0.17	SLV_02	3.69	0.10	0.02
1072	1	R50x35-14	SLV_02	4.68	0.10	0.04	SLV_02	-1.44	0.10	0.01
1073	1	R50x35-14	SLV_02	5.04	0.10	0.05	SLV_02	1.36	0.10	0.01
1074	1	R50x35-14	SLV_02	12.60	0.10	0.11	SLV_02	-3.19	0.10	0.02
1078	1	R50x30-21	SLV_02	21.43	0.10	0.23	SLV_02	-2.98	0.10	0.02
1079	1	R50x35-14	SLV_02	-18.04	0.10	0.16	SLV_01	3.46	0.10	0.02

1080	1	R50x35-14	SLV_02	-18.34	0.10	0.17	SLV_01	-4.03	0.10	0.02
1081	1	R50x35-14	SLV_02	-10.34	0.10	0.09	SLV_02	5.14	0.10	0.03
1082	1	R50x35-14	SLV_02	-15.13	0.10	0.14	SLV_02	-2.93	0.10	0.02
1083	1	R50x35-14	SLV_02	-14.65	0.10	0.13	SLV_02	2.90	0.10	0.02
1084	1	R50x35-14	SLV_02	-9.88	0.10	0.09	SLV_02	-5.09	0.10	0.03
1085	1	R50x35-14	SLV_02	-13.60	0.10	0.12	SLV_02	1.67	0.10	0.01
1086	1	R50x35-14	SLV_02	-13.52	0.10	0.12	SLV_02	-1.65	0.10	0.01
1087	1	R50x50-2	SLV_01	-34.80	0.09	0.24	SLV_01	-2.95	0.09	0.02
1088	1	R50x50-2	SLV_02	-21.25	0.09	0.15	SLV_02	-2.89	0.09	0.02
1089	1	R50x50-2	SLV_02	21.30	0.09	0.15	SLV_02	2.64	0.09	0.02
1090	1	R50x50-2	SLV_01	35.06	0.09	0.24	SLV_02	2.98	0.09	0.02
1091	1	R50x80-68	SLV_02	-18.29	0.09	0.08	SLV_01	5.18	0.09	0.04
	2	R50x80-69	SLV_02	80.65	0.09	0.34	SLV_01	5.18	0.09	0.04
	1	R50x80-71	SLV_01	-72.66	0.09	0.30	SLV_02	7.29	0.09	0.05
1093	2	R50x80-68	SLV_01	-31.54	0.09	0.13	SLV_02	7.29	0.09	0.05
	3	R50x80-69	SLV_01	64.35	0.09	0.27	SLV_02	7.29	0.09	0.05
	1	R50x80-57	SLV_01	-83.30	0.09	0.35	SLV_02	6.97	0.09	0.05
1095	2	R50x80-56	SLV_01	31.94	0.09	0.13	SLV_02	6.97	0.09	0.05
	3	R50x80-57	SLV_01	87.33	0.09	0.37	SLV_02	6.97	0.09	0.05
	1	R50x80-57	SLV_01	-103.68	0.09	0.43	SLV_02	6.40	0.09	0.04
1096	2	R50x80-56	SLV_01	-47.20	0.09	0.20	SLV_02	6.40	0.09	0.04
	3	R50x80-57	SLV_01	75.50	0.09	0.32	SLV_02	6.40	0.09	0.04
1097	1	R50x80-57	SLV_02	136.85	0.09	0.57	SLV_02	-8.74	0.09	0.06
1098	1	R50x80-57	SLV_02	-136.97	0.09	0.57	SLV_02	-8.85	0.09	0.06
	1	R50x80-57	SLV_01	-86.78	0.09	0.36	SLV_02	-7.23	0.09	0.05
1100	2	R50x80-56	SLV_01	-31.39	0.09	0.13	SLV_02	-7.23	0.09	0.05
	3	R50x80-57	SLV_01	83.78	0.09	0.35	SLV_02	-7.23	0.09	0.05
	1	R50x80-57	SLV_01	-64.78	0.09	0.27	SLV_02	-7.25	0.09	0.05
1102	2	R50x80-56	SLV_01	31.04	0.09	0.13	SLV_02	-7.25	0.09	0.05
	3	R50x80-58	SLV_01	72.15	0.09	0.30	SLV_02	-7.25	0.09	0.05
	1	R50x80-66	SLV_02	-62.49	0.09	0.26	SLV_01	4.29	0.09	0.03
1104	2	R50x80-65	SLV_02	-43.66	0.09	0.18	SLV_01	4.29	0.09	0.03
	3	R50x80-67	SLV_02	-22.04	0.09	0.09	SLV_01	4.29	0.09	0.03
1105	1	R100x35-100	SLV_02	-89.90	0.21	0.41	SLV_02	16.72	0.10	0.05
	2	R100x35-101	SLV_02	75.07	0.21	0.34	SLV_02	16.72	0.10	0.05
	1	R100x35-105	SLV_02	-161.32	0.31	0.49	SLV_02	-14.92	0.16	0.03
1106	2	R100x35-92	SLV_02	-67.42	0.21	0.12	SLV_02	-14.92	0.10	0.02
	3	R100x35-94	SLV_02	138.10	0.21	0.62	SLV_02	-14.92	0.10	0.04
1107	1	R80x35-14	SLV_02	81.17	0.16	0.49	SLV_02	-5.77	0.08	0.03
1108	1	R80x35-13	SLV_01	-79.22	0.16	0.48	SLV_02	5.69	0.08	0.03
1109	1	R100x35-114	SLV_02	-43.53	0.21	0.20	SLV_02	-15.21	0.10	0.05
	2	R100x35-113	SLV_02	61.00	0.21	0.28	SLV_02	-15.21	0.10	0.04
	1	R100x35-99	SLV_02	-105.22	0.21	0.48	SLV_02	12.93	0.10	0.04
1110	2	R100x35-98	SLV_02	59.66	0.21	0.11	SLV_02	12.93	0.10	0.01
	3	R100x35-99	SLV_02	133.60	0.21	0.60	SLV_02	12.93	0.10	0.04
1111	1	R50x35-14	SLV_02	29.51	0.10	0.27	SLV_01	-4.39	0.10	0.03
1112	1	R50x30-21	SLV_02	-25.31	0.10	0.27	SLV_02	-7.88	0.10	0.05
1113	1	R100x35-101	SLV_02	-107.28	0.21	0.48	SLV_02	-16.75	0.10	0.05
	2	R100x35-100	SLV_02	114.11	0.21	0.52	SLV_02	-16.75	0.10	0.05

1114	1	R50x30-19	SLV_02	-30.08	0.10	0.33	SLV_02	4.06	0.10	0.02
1116	1	R50x30-19	SLV_02	43.08	0.10	0.47	SLV_02	6.26	0.10	0.04
1117	1	R70x30-8	SLV_02	30.77	0.16	0.22	SLV_02	3.42	0.08	0.02
1118	1	R100x35-98	SLV_01	69.68	0.21	0.31	SLV_02	-7.81	0.10	0.02
1119	1	R120x35-14	SLV_01	-222.45	0.42	0.50	SLV_02	-22.65	0.21	0.03
	2	R120x35-11	SLV_01	-121.90	0.21	0.22	SLV_02	-22.65	0.10	0.02
	3	R120x35-15	SLV_01	80.30	0.21	0.36	SLV_02	-22.65	0.10	0.06
1120	1	R120x35-19	SLV_01	170.86	0.30	0.54	SLV_02	-42.77	0.15	0.07
	2	R120x35-17	SLV_01	227.51	0.42	0.51	SLV_02	-42.77	0.21	0.05
1121	1	R100x35-98	SLV_01	-71.45	0.21	0.32	SLV_02	-31.46	0.10	0.09
	2	R100x35-99	SLV_01	83.02	0.21	0.38	SLV_02	-31.46	0.10	0.09
1122	1	R100x35-99	SLV_02	-106.23	0.21	0.48	SLV_02	33.88	0.10	0.10
	2	R100x35-98	SLV_02	-80.05	0.21	0.36	SLV_02	33.88	0.10	0.10
1123	1	R100x30-68	SLV_02	-81.81	0.21	0.44	SLV_02	-10.99	0.10	0.03
	2	R100x30-67	SLV_02	83.97	0.21	0.46	SLV_02	-10.99	0.10	0.03
1124	1	R70x30-9	SLV_02	66.58	0.16	0.48	SLV_02	-7.02	0.08	0.04
1125	1	R100x30-67	SLV_02	-84.27	0.21	0.46	SLV_02	10.33	0.10	0.03
	2	R100x30-68	SLV_02	81.16	0.21	0.44	SLV_02	10.33	0.10	0.03
1126	1	R100x30-68	SLV_02	-82.42	0.21	0.45	SLV_02	-8.55	0.10	0.03
	2	R100x30-67	SLV_02	80.63	0.21	0.44	SLV_02	-8.55	0.10	0.02
1128	1	R100x30-67	SLV_02	-80.43	0.21	0.44	SLV_02	8.52	0.10	0.02
	2	R100x30-68	SLV_02	82.12	0.21	0.45	SLV_02	8.52	0.10	0.03
1130	1	R100x35-154	SLV_01	-81.17	0.21	0.37	SLV_02	-61.36	0.10	0.19
	2	R100x35-150	SLV_01	79.49	0.21	0.36	SLV_02	-61.36	0.10	0.18
1131	1	R100x35-150	SLV_01	128.32	0.21	0.58	SLV_02	-27.17	0.10	0.08
1132	1	R100x35-150	SLV_01	-77.80	0.21	0.35	SLV_02	63.13	0.10	0.18
	2	R100x35-154	SLV_01	81.71	0.21	0.37	SLV_02	63.13	0.10	0.20
1133	1	R100x35-152	SLV_01	-183.31	0.31	0.55	SLV_02	54.32	0.16	0.11
	2	R100x35-153	SLV_01	-90.00	0.21	0.16	SLV_02	54.32	0.10	0.07
	3	R100x35-152	SLV_01	180.33	0.31	0.54	SLV_02	26.84	0.16	0.06
1134	1	R100x35-152	SLV_01	-180.99	0.31	0.55	SLV_02	-26.11	0.16	0.05
	2	R100x35-153	SLV_01	89.75	0.21	0.16	SLV_02	-53.28	0.10	0.06
	3	R100x35-152	SLV_01	183.06	0.31	0.55	SLV_02	-53.28	0.16	0.11
1135	1	R100x35-154	SLV_01	-77.46	0.21	0.35	SLV_02	-62.47	0.10	0.19
	2	R100x35-150	SLV_01	84.72	0.21	0.38	SLV_02	-62.47	0.10	0.18
1136	1	R100x35-150	SLV_01	129.05	0.21	0.58	SLV_02	26.79	0.10	0.08
1137	1	R100x35-150	SLV_01	-73.68	0.21	0.33	SLV_02	61.55	0.10	0.18
	2	R100x35-154	SLV_01	87.94	0.21	0.40	SLV_02	61.55	0.10	0.19
1140	1	R100x35-125	SLV_01	-94.83	0.21	0.43	SLV_02	-62.72	0.10	0.19
	2	R100x35-119	SLV_01	86.55	0.21	0.39	SLV_02	-62.72	0.10	0.18
1141	1	R100x30-71	SLV_01	-137.72	0.31	0.50	SLV_02	-24.08	0.16	0.05
	2	R100x30-72	SLV_01	-52.04	0.21	0.11	SLV_02	-24.08	0.10	0.03
	3	R100x30-71	SLV_01	137.27	0.31	0.50	SLV_02	-24.08	0.16	0.05
1142	1	R100x35-123	SLV_01	-86.43	0.21	0.39	SLV_02	63.24	0.10	0.18
	2	R100x35-142	SLV_01	93.40	0.21	0.42	SLV_02	63.24	0.10	0.19
1143	1	R100x35-143	SLV_01	-204.04	0.42	0.46	SLV_02	54.91	0.21	0.08
	2	R100x35-122	SLV_01	-101.22	0.21	0.18	SLV_02	54.91	0.10	0.06
	3	R100x35-143	SLV_01	199.00	0.42	0.45	SLV_02	-25.41	0.21	0.04
	1	R100x35-142	SLV_02	-131.45	0.21	0.59	SLV_02	44.05	0.10	0.13

1144	2	R100x35-123	SLV_02	79.73	0.21	0.14	SLV_02	44.05	0.10	0.05
	3	R100x35-144	SLV_02	165.41	0.31	0.50	SLV_02	44.05	0.16	0.08
1146	1	R100x35-146	SLV_02	-167.21	0.31	0.50	SLV_02	-43.49	0.16	0.08
	2	R100x35-123	SLV_02	-81.53	0.21	0.15	SLV_02	-43.49	0.10	0.05
	3	R100x35-142	SLV_02	130.03	0.21	0.59	SLV_02	-43.49	0.10	0.13
1147	1	R100x35-143	SLV_01	-199.48	0.42	0.45	SLV_02	25.11	0.21	0.04
	2	R100x35-122	SLV_01	100.28	0.21	0.18	SLV_02	-54.27	0.10	0.06
	3	R100x35-143	SLV_01	203.10	0.42	0.46	SLV_02	-54.27	0.21	0.08
1148	1	R100x35-142	SLV_01	-87.72	0.21	0.40	SLV_02	-62.61	0.10	0.19
	2	R100x35-123	SLV_01	95.10	0.21	0.43	SLV_02	-62.61	0.10	0.18
1149	1	R100x35-147	SLV_01	142.28	0.23	0.60	SLV_02	26.76	0.11	0.07
1150	1	R100x35-123	SLV_01	-77.65	0.21	0.35	SLV_02	62.21	0.10	0.18
	2	R100x35-125	SLV_01	102.16	0.21	0.46	SLV_02	62.21	0.10	0.19
1152	1	R100x35-126	SLV_01	-107.75	0.21	0.49	SLV_02	-58.86	0.10	0.18
	2	R100x35-119	SLV_01	90.28	0.21	0.41	SLV_02	-58.86	0.10	0.17
1153	1	R100x35-129	SLV_01	-162.37	0.31	0.49	SLV_02	-27.90	0.16	0.05
	2	R100x35-119	SLV_01	-65.78	0.21	0.12	SLV_02	-27.90	0.10	0.03
	3	R100x35-129	SLV_01	163.03	0.31	0.49	SLV_02	-27.90	0.16	0.05
1154	1	R100x35-119	SLV_01	-112.13	0.21	0.51	SLV_02	73.58	0.10	0.21
	2	R100x35-125	SLV_01	112.73	0.21	0.51	SLV_02	73.58	0.10	0.22
1156	1	R100x35-120	SLV_01	-188.31	0.31	0.57	SLV_02	35.75	0.16	0.07
	2	R100x35-119	SLV_01	-75.43	0.21	0.14	SLV_02	35.75	0.10	0.04
	3	R100x35-129	SLV_01	182.25	0.31	0.55	SLV_02	35.75	0.16	0.07
1157	1	R100x35-119	SLV_01	-121.19	0.21	0.55	SLV_02	-35.96	0.10	0.10
	2	R100x35-118	SLV_01	179.47	0.31	0.54	SLV_02	-35.96	0.16	0.07
1158	1	R100x35-118	SLV_01	-179.85	0.31	0.54	SLV_02	35.41	0.16	0.07
	2	R100x35-119	SLV_01	121.01	0.21	0.55	SLV_02	35.41	0.10	0.10
1159	1	R100x35-129	SLV_01	-182.95	0.31	0.55	SLV_02	-35.48	0.16	0.07
	2	R100x35-119	SLV_01	74.89	0.21	0.14	SLV_02	-35.48	0.10	0.04
	3	R100x35-120	SLV_01	187.76	0.31	0.57	SLV_02	-35.48	0.16	0.07
1160	1	R100x35-125	SLV_01	-111.43	0.21	0.50	SLV_02	-73.30	0.10	0.22
	2	R100x35-119	SLV_01	112.52	0.21	0.51	SLV_02	-73.30	0.10	0.21
1161	1	R100x35-129	SLV_01	-162.88	0.31	0.49	SLV_02	27.70	0.16	0.05
	2	R100x35-119	SLV_01	65.64	0.21	0.12	SLV_02	27.70	0.10	0.03
	3	R100x35-129	SLV_01	162.23	0.31	0.49	SLV_02	27.70	0.16	0.05
1163	1	R50x35-15	SLV_02	27.85	0.10	0.25	SLV_02	8.42	0.10	0.05
1165	1	R50x35-15	SLV_02	25.95	0.10	0.23	SLV_02	8.18	0.10	0.05
1167	1	R50x35-15	SLV_02	23.17	0.10	0.21	SLV_02	8.00	0.10	0.05
1169	1	R50x35-15	SLV_02	22.57	0.10	0.20	SLV_02	7.51	0.10	0.05
1171	1	R50x35-15	SLV_02	-22.56	0.10	0.20	SLV_02	-9.50	0.10	0.06
1172	1	R50x35-18	SLV_02	-52.10	0.10	0.47	SLV_02	-5.68	0.10	0.03
	2	R50x35-15	SLV_02	-52.10	0.10	0.19	SLV_02	-5.68	0.10	0.01
	3	R50x35-19	SLV_02	-52.10	0.10	0.47	SLV_02	-5.68	0.10	0.03
1173	1	R50x35-18	SLV_02	-51.68	0.10	0.47	SLV_02	5.67	0.10	0.03
	2	R50x35-15	SLV_02	-51.68	0.10	0.19	SLV_02	5.67	0.10	0.01
1175	1	R50x35-15	SLV_02	-23.33	0.10	0.21	SLV_02	9.36	0.10	0.06
	3	R50x35-19	SLV_02	-51.68	0.10	0.47	SLV_02	5.67	0.10	0.03
1177	1	R50x35-15	SLV_02	23.84	0.10	0.22	SLV_02	-7.41	0.10	0.04
1179	1	R50x35-15	SLV_02	24.41	0.10	0.22	SLV_02	-7.97	0.10	0.05

1181	1	R50x35-15	SLV_02	25.72	0.10	0.23	SLV_02	-8.11	0.10	0.05
1183	1	R50x35-15	SLV_02	27.14	0.10	0.25	SLV_02	-8.40	0.10	0.05
1186	1	R50x35-15	SLV_02	-16.54	0.10	0.15	SLV_02	4.01	0.10	0.02
1187	1	R50x35-15	SLV_02	-13.31	0.10	0.12	SLV_02	-3.51	0.10	0.02
1188	1	R50x35-15	SLV_02	-9.95	0.10	0.09	SLV_02	-2.54	0.10	0.02
1189	1	R50x35-15	SLV_02	-9.52	0.10	0.09	SLV_02	-1.93	0.10	0.01
1190	1	R50x35-15	SLV_02	-7.53	0.10	0.07	SLV_02	1.36	0.10	0.01
1191	1	R50x35-15	SLV_02	-9.57	0.10	0.09	SLV_02	1.91	0.10	0.01
1192	1	R50x35-15	SLV_02	-9.91	0.10	0.09	SLV_02	2.52	0.10	0.02
1193	1	R50x35-15	SLV_02	-13.09	0.10	0.12	SLV_02	3.48	0.10	0.02
1194	1	R50x35-15	SLV_02	-16.10	0.10	0.15	SLV_02	-3.99	0.10	0.02
1195	1	R50x35-15	SLV_02	-29.90	0.10	0.27	SLV_02	7.80	0.10	0.05
1196	1	R50x35-15	SLV_02	-26.91	0.10	0.24	SLV_02	7.20	0.10	0.04
1197	1	R50x35-15	SLV_02	-26.33	0.10	0.24	SLV_02	6.82	0.10	0.04
1198	1	R50x35-15	SLV_02	-26.25	0.10	0.24	SLV_02	-6.84	0.10	0.04
1199	1	R50x35-15	SLV_02	-26.42	0.10	0.24	SLV_02	-6.97	0.10	0.04
1200	1	R50x35-15	SLV_02	-28.49	0.10	0.26	SLV_01	-7.80	0.10	0.05
1201	1	R50x35-15	SLV_02	-29.25	0.10	0.26	SLV_01	7.56	0.10	0.05
1202	1	R50x35-15	SLV_02	-27.46	0.10	0.25	SLV_02	6.82	0.10	0.04
1203	1	R50x35-15	SLV_02	-27.55	0.10	0.25	SLV_02	6.76	0.10	0.04
1204	1	R50x35-15	SLV_02	-26.08	0.10	0.24	SLV_02	-6.89	0.10	0.04
1205	1	R50x35-15	SLV_02	-26.31	0.10	0.24	SLV_02	-7.30	0.10	0.04
1206	1	R50x35-15	SLV_02	-28.49	0.10	0.26	SLV_02	-7.95	0.10	0.05
1207	1	R50x80-97	SLV_02	129.23	0.09	0.54	SLV_02	41.84	0.09	0.29
	2	R50x80-98	SLV_02	129.23	0.09	0.54	SLV_02	41.84	0.09	0.29
1208	1	R50x80-99	SLV_02	157.52	0.09	0.66	SLV_02	38.53	0.09	0.27
	2	R50x80-91	SLV_02	157.52	0.09	0.66	SLV_02	38.53	0.09	0.27
	3	R50x80-100	SLV_02	157.52	0.09	0.66	SLV_02	38.53	0.09	0.27
1209	1	R50x80-101	SLV_02	176.68	0.09	0.74	SLV_01	-42.57	0.09	0.28
	2	R50x80-102	SLV_02	176.68	0.09	0.74	SLV_01	-42.57	0.09	0.28
1210	1	R50x80-77	SLV_02	188.16	0.09	0.79	SLV_01	-44.17	0.09	0.28
	2	R50x80-78	SLV_02	188.16	0.09	0.79	SLV_01	-44.17	0.09	0.28
	3	R50x80-79	SLV_02	188.16	0.09	0.79	SLV_01	-44.17	0.09	0.29
1211	1	R50x80-77	SLV_02	198.24	0.09	0.83	SLV_01	-46.09	0.09	0.29
	2	R50x80-78	SLV_02	198.24	0.09	0.83	SLV_01	-46.09	0.09	0.29
	3	R50x80-79	SLV_02	198.24	0.09	0.83	SLV_01	-46.09	0.09	0.30
1212	1	R50x80-77	SLV_02	199.66	0.09	0.84	SLV_01	-43.54	0.09	0.28
	2	R50x80-78	SLV_02	199.66	0.09	0.84	SLV_01	-43.54	0.09	0.28
	3	R50x80-79	SLV_02	199.66	0.09	0.84	SLV_01	-43.54	0.09	0.28
1213	1	R50x80-57	SLV_02	93.88	0.09	0.39	SLV_01	41.84	0.09	0.27
	2	R50x80-58	SLV_02	93.88	0.09	0.39	SLV_01	41.84	0.09	0.27
1214	1	R50x80-77	SLV_02	200.56	0.09	0.84	SLV_01	44.24	0.09	0.28
	2	R50x80-78	SLV_02	200.56	0.09	0.84	SLV_01	44.24	0.09	0.28
	3	R50x80-79	SLV_02	200.56	0.09	0.84	SLV_01	44.24	0.09	0.29
1215	1	R50x80-77	SLV_02	199.50	0.09	0.83	SLV_01	46.66	0.09	0.30
	2	R50x80-78	SLV_02	199.50	0.09	0.83	SLV_01	46.66	0.09	0.30
	3	R50x80-79	SLV_02	199.50	0.09	0.83	SLV_01	46.66	0.09	0.31
1216	1	R50x80-77	SLV_02	188.16	0.09	0.79	SLV_01	43.94	0.09	0.28
	2	R50x80-78	SLV_02	188.16	0.09	0.79	SLV_01	43.94	0.09	0.28

	3	R50x80-79	SLV_02	188.16	0.09	0.79	SLV_01	43.94	0.09	0.29
1217	1	R50x80-75	SLV_02	175.78	0.09	0.74	SLV_02	40.28	0.09	0.28
	2	R50x80-76	SLV_02	175.78	0.09	0.74	SLV_02	40.28	0.09	0.28
1218	1	R50x80-72	SLV_02	155.86	0.09	0.65	SLV_02	-38.87	0.09	0.27
	2	R50x80-73	SLV_02	155.86	0.09	0.65	SLV_02	-38.87	0.09	0.27
	3	R50x80-103	SLV_02	155.86	0.09	0.65	SLV_02	-38.87	0.09	0.27
1219	1	R50x80-97	SLV_02	124.23	0.09	0.52	SLV_02	-41.74	0.09	0.29
	2	R50x80-98	SLV_02	124.23	0.09	0.52	SLV_02	-41.74	0.09	0.29
1220	1	R70x30-8	SLV_01	-46.60	0.16	0.34	SLV_02	6.34	0.08	0.04
1221	1	R50x35-15	SLV_02	20.36	0.10	0.18	SLV_02	6.14	0.10	0.04
1222	1	R50x35-14	SLV_02	6.48	0.10	0.06	SLV_02	-2.62	0.10	0.02
1223	1	R50x35-14	SLV_02	6.52	0.10	0.06	SLV_02	2.56	0.10	0.02
1224	1	R50x35-15	SLV_02	20.92	0.10	0.19	SLV_02	-6.15	0.10	0.04
1228	1	R50x35-15	SLV_02	-21.85	0.10	0.20	SLV_01	-8.68	0.10	0.05
1229	1	R50x35-15	SLV_02	-21.98	0.10	0.20	SLV_01	8.61	0.10	0.05
1230	1	R50x35-20	SLV_02	-17.98	0.10	0.16	SLV_02	-11.60	0.10	0.07
	2	R50x35-19	SLV_02	-17.98	0.10	0.06	SLV_02	-11.60	0.10	0.03
	3	R50x35-20	SLV_02	-17.98	0.10	0.16	SLV_02	-11.60	0.10	0.07
1231	1	R50x35-21	SLV_02	-22.69	0.10	0.21	SLV_01	8.66	0.10	0.05
	2	R50x35-17	SLV_02	-22.69	0.10	0.08	SLV_01	8.66	0.10	0.02
	3	R50x35-21	SLV_02	-22.69	0.10	0.21	SLV_01	8.66	0.10	0.05
1232	1	R50x35-21	SLV_02	-21.60	0.10	0.20	SLV_01	-8.80	0.10	0.05
	2	R50x35-14	SLV_02	-21.60	0.10	0.08	SLV_01	-8.80	0.10	0.02
	3	R50x35-21	SLV_02	-21.60	0.10	0.20	SLV_01	-8.80	0.10	0.05
1233	1	R50x35-20	SLV_02	-16.94	0.10	0.15	SLV_02	11.18	0.10	0.07
	2	R50x35-15	SLV_02	-16.94	0.10	0.06	SLV_02	11.18	0.10	0.03
	3	R50x35-20	SLV_02	-16.94	0.10	0.15	SLV_02	11.18	0.10	0.07
1234	1	R50x35-20	SLV_02	-29.85	0.10	0.27	SLV_02	6.80	0.10	0.04
	2	R50x35-15	SLV_02	-29.85	0.10	0.11	SLV_02	6.80	0.10	0.02
	3	R50x35-20	SLV_02	-29.85	0.10	0.27	SLV_02	6.80	0.10	0.04
1235	1	R50x35-20	SLV_02	-29.44	0.10	0.27	SLV_02	-6.61	0.10	0.04
	2	R50x35-15	SLV_02	-29.44	0.10	0.11	SLV_02	-6.61	0.10	0.02
	3	R50x35-20	SLV_02	-29.44	0.10	0.27	SLV_02	-6.61	0.10	0.04
1236	1	R50x50-3	SLV_01	-65.13	0.09	0.45	SLV_01	-7.97	0.09	0.06
1237	1	R50x50-3	SLV_01	-33.16	0.09	0.23	SLV_02	-7.41	0.09	0.05
1238	1	R50x50-3	SLV_01	32.24	0.09	0.22	SLV_01	7.41	0.09	0.05
1239	1	R50x50-3	SLV_01	65.47	0.09	0.46	SLV_01	8.03	0.09	0.06
1240	1	R50x80-65	SLV_02	103.79	0.09	0.43	SLV_01	-11.08	0.09	0.08
1242	1	R50x80-65	SLV_01	-86.20	0.09	0.36	SLV_02	-11.30	0.09	0.08
	2	R50x80-67	SLV_01	-42.60	0.09	0.18	SLV_02	-11.30	0.09	0.08
	3	R50x80-65	SLV_01	78.89	0.09	0.33	SLV_02	-11.30	0.09	0.08
1244	1	R50x80-57	SLV_01	-91.10	0.09	0.38	SLV_02	12.30	0.09	0.09
	2	R50x80-56	SLV_01	49.54	0.09	0.21	SLV_02	12.30	0.09	0.09
	3	R50x80-57	SLV_01	108.27	0.09	0.45	SLV_02	12.30	0.09	0.09
1245	1	R50x80-104	SLV_01	-137.41	0.09	0.57	SLV_02	10.48	0.09	0.07
1246	1	R50x80-104	SLV_02	152.24	0.09	0.64	SLV_02	11.27	0.09	0.08
	2	R50x80-105	SLV_02	194.94	0.11	0.65	SLV_02	11.27	0.11	0.06
1247	1	R50x80-105	SLV_02	-195.04	0.11	0.65	SLV_02	-11.44	0.11	0.06
	2	R50x80-104	SLV_02	-152.34	0.09	0.64	SLV_02	-11.44	0.09	0.08

1248	1	R50x80-104	SLV_01	137.73	0.09	0.58	SLV_02	-10.64	0.09	0.07
	1	R50x80-106	SLV_01	-107.30	0.09	0.45	SLV_02	-12.44	0.09	0.09
1249	2	R50x80-107	SLV_01	-48.57	0.09	0.20	SLV_02	-12.44	0.09	0.09
	3	R50x80-106	SLV_01	91.88	0.09	0.38	SLV_02	-12.44	0.09	0.09
	1	R50x80-65	SLV_01	-78.71	0.09	0.33	SLV_02	11.33	0.09	0.08
1251	2	R50x80-67	SLV_01	42.45	0.09	0.18	SLV_02	11.33	0.09	0.08
	3	R50x80-65	SLV_01	86.05	0.09	0.36	SLV_02	11.33	0.09	0.08
1253	1	R50x80-65	SLV_01	-103.66	0.09	0.43	SLV_01	11.07	0.09	0.08
1254	1	R100x35-150	SLV_01	-143.36	0.21	0.65	SLV_02	-23.70	0.10	0.07
	2	R100x35-151	SLV_01	124.08	0.21	0.56	SLV_02	-23.70	0.10	0.07
	1	R100x35-118	SLV_01	-199.84	0.31	0.60	SLV_02	-31.85	0.16	0.06
1255	2	R100x35-119	SLV_01	-88.01	0.21	0.16	SLV_02	-31.85	0.10	0.04
	3	R100x35-120	SLV_01	173.94	0.31	0.52	SLV_02	-31.85	0.16	0.06
1256	1	R80x35-14	SLV_01	81.15	0.16	0.49	SLV_01	-7.70	0.08	0.04
1257	1	R80x35-14	SLV_01	-80.72	0.16	0.49	SLV_01	7.51	0.08	0.04
	1	R100x35-154	SLV_01	-124.71	0.21	0.56	SLV_02	24.07	0.10	0.07
1258	2	R100x35-150	SLV_01	141.99	0.21	0.64	SLV_02	24.07	0.10	0.07
	1	R100x35-120	SLV_01	-175.51	0.31	0.53	SLV_02	30.99	0.16	0.06
1259	2	R100x35-123	SLV_01	86.66	0.21	0.16	SLV_02	30.99	0.10	0.04
	3	R100x35-146	SLV_01	198.24	0.31	0.60	SLV_02	30.99	0.16	0.06
1260	1	R50x35-15	SLV_02	37.22	0.10	0.34	SLV_01	-5.06	0.10	0.03
1261	1	R50x30-19	SLV_02	-28.47	0.10	0.31	SLV_02	-12.06	0.10	0.07
	1	R100x35-154	SLV_01	-123.21	0.21	0.56	SLV_02	35.51	0.10	0.11
1262	2	R100x35-150	SLV_01	139.91	0.21	0.63	SLV_02	35.51	0.10	0.10
	1	R100x35-150	SLV_01	-140.47	0.21	0.63	SLV_02	-34.80	0.10	0.10
1263	2	R100x35-151	SLV_01	122.33	0.21	0.55	SLV_02	-34.80	0.10	0.11
1264	1	R100x35-119	SLV_01	118.24	0.21	0.53	SLV_02	19.73	0.10	0.06
	1	R100x35-121	SLV_01	-253.15	0.42	0.57	SLV_02	-31.69	0.21	0.05
1265	2	R100x35-122	SLV_01	-141.56	0.21	0.64	SLV_02	-31.69	0.10	0.09
	1	R100x35-78	SLV_01	197.15	0.30	0.62	SLV_02	59.75	0.15	0.12
1266	2	R100x35-124	SLV_01	260.21	0.42	0.59	SLV_02	59.75	0.21	0.09
	1	R100x35-119	SLV_01	-85.69	0.21	0.39	SLV_02	58.16	0.10	0.17
1267	2	R100x35-126	SLV_01	111.59	0.21	0.50	SLV_02	58.16	0.10	0.17
	1	R100x35-132	SLV_01	-177.28	0.31	0.53	SLV_02	-69.02	0.16	0.14
1268	2	R100x35-119	SLV_01	-134.09	0.21	0.61	SLV_02	-69.02	0.10	0.20
1270	1	R70x30-10	SLV_01	58.36	0.16	0.42	SLV_02	7.59	0.08	0.04
	1	R70x30-10	SLV_01	-58.79	0.16	0.43	SLV_02	-7.20	0.08	0.04
1271	2	R70x30-11	SLV_01	57.74	0.16	0.42	SLV_02	-7.20	0.08	0.04
	1	R70x30-11	SLV_01	-57.79	0.16	0.42	SLV_02	7.11	0.08	0.04
1273	2	R70x30-10	SLV_01	58.97	0.16	0.43	SLV_02	7.11	0.08	0.04
1274	1	R70x30-8	SLV_01	-57.94	0.16	0.42	SLV_02	-7.53	0.08	0.04
1276	1	R70x30-8	SLV_01	46.67	0.16	0.34	SLV_02	-6.23	0.08	0.03
1278	1	R70x30-9	SLV_02	-65.76	0.16	0.48	SLV_02	6.78	0.08	0.04
1279	1	R70x30-8	SLV_02	-30.60	0.16	0.22	SLV_02	-3.31	0.08	0.02
1280	1	R50x30-19	SLV_02	-49.67	0.10	0.54	SLV_02	7.13	0.10	0.04
1281	1	R50x30-19	SLV_02	-49.21	0.10	0.53	SLV_02	-7.01	0.10	0.04
	1	R80x30-18	SLV_01	-98.48	0.16	0.71	SLV_02	12.45	0.08	0.06
1282	2	R80x30-17	SLV_01	-54.55	0.16	0.16	SLV_02	12.45	0.08	0.02
	3	R80x30-18	SLV_01	71.35	0.16	0.52	SLV_02	12.45	0.08	0.06

1284	1	R80x35-14	SLV_02	27.99	0.16	0.17	SLV_02	-15.93	0.08	0.08
1285	1	R80x30-18	SLV_01	-55.59	0.16	0.40	SLV_02	23.21	0.08	0.12
	2	R80x30-17	SLV_01	55.60	0.16	0.40	SLV_02	23.21	0.08	0.11
1286	1	R80x30-17	SLV_01	78.27	0.16	0.57	SLV_02	-9.13	0.08	0.04
1287	1	R80x30-17	SLV_01	-54.86	0.16	0.40	SLV_02	22.89	0.08	0.11
	2	R80x30-18	SLV_01	56.52	0.16	0.41	SLV_02	22.89	0.08	0.12
1289	1	R80x30-18	SLV_01	-70.40	0.16	0.51	SLV_02	-12.70	0.08	0.06
	2	R80x30-17	SLV_01	97.42	0.16	0.70	SLV_02	-12.70	0.08	0.06
1291	1	R80x35-14	SLV_02	29.40	0.16	0.18	SLV_02	16.15	0.08	0.08
1292	1	R80x30-17	SLV_01	-97.54	0.16	0.71	SLV_02	12.35	0.08	0.06
	2	R80x30-18	SLV_01	70.55	0.16	0.51	SLV_02	12.35	0.08	0.06
1293	1	R50x35-22	SLV_02	115.13	0.16	0.69	SLV_02	-11.32	0.16	0.05
	2	R50x35-23	SLV_02	115.13	0.10	0.42	SLV_02	-11.32	0.10	0.03
	3	R50x35-39	SLV_02	115.13	0.16	0.69	SLV_02	-11.32	0.16	0.05
1294	1	R50x35-19	SLV_02	46.49	0.10	0.42	SLV_02	3.66	0.10	0.02
	2	R50x35-15	SLV_02	46.49	0.10	0.17	SLV_02	3.66	0.10	0.01
	3	R50x35-18	SLV_02	46.49	0.10	0.42	SLV_02	3.66	0.10	0.02
1307	1	R80x80-19	SLV_02	-295.34	0.18	0.62	SLV_02	37.01	0.09	0.15
	2	R80x80-20	SLV_02	-295.34	0.18	0.62	SLV_02	37.01	0.09	0.17
1308	1	R80x80-21	SLV_02	799.31	0.42	0.72	SLV_02	45.85	0.21	0.09
	2	R80x80-22	SLV_02	799.31	0.42	0.72	SLV_02	45.85	0.21	0.08
	3	R80x80-23	SLV_02	799.31	0.42	0.72	SLV_02	45.85	0.21	0.09
1309	1	R50x35-15	SLV_02	42.26	0.10	0.38	SLV_02	5.59	0.10	0.03
1310	1	R50x35-15	SLV_02	38.02	0.10	0.34	SLV_02	4.82	0.10	0.03
1311	1	R60x80-44	SLV_02	-217.07	0.10	0.78	SLV_02	17.74	0.05	0.10
1312	1	R50x35-15	SLV_02	36.44	0.10	0.33	SLV_02	-4.37	0.10	0.03
1313	1	R60x80-44	SLV_02	-202.46	0.10	0.73	SLV_02	16.62	0.05	0.10
	2	R60x80-49	SLV_02	-202.46	0.10	0.73	SLV_02	16.62	0.05	0.10
1314	1	R50x35-15	SLV_02	36.14	0.10	0.33	SLV_02	-4.57	0.10	0.03
1315	1	R50x35-15	SLV_02	31.02	0.10	0.28	SLV_02	-5.85	0.10	0.04
1316	1	R40x35-2	SLV_02	-42.71	0.08	0.51	SLV_02	-2.75	0.08	0.03
1317	1	R40x35-2	SLV_02	-42.38	0.08	0.51	SLV_02	2.71	0.08	0.03
1318	1	R50x35-15	SLV_02	31.41	0.10	0.28	SLV_02	5.89	0.10	0.04
1319	1	R50x35-15	SLV_02	36.85	0.10	0.33	SLV_02	4.56	0.10	0.03
1320	1	R50x35-15	SLV_02	36.61	0.10	0.33	SLV_02	4.36	0.10	0.03
1321	1	R50x35-15	SLV_02	37.29	0.10	0.34	SLV_02	-4.79	0.10	0.03
1322	1	R50x35-15	SLV_02	41.12	0.10	0.37	SLV_02	-5.55	0.10	0.03
1323	1	R80x80-19	SLV_02	-297.91	0.18	0.62	SLV_02	-36.87	0.09	0.15
	2	R80x80-20	SLV_02	-297.91	0.18	0.62	SLV_02	-36.87	0.09	0.16
1324	1	R80x80-21	SLV_02	785.25	0.42	0.71	SLV_02	-46.06	0.21	0.09
	2	R80x80-22	SLV_02	785.25	0.42	0.71	SLV_02	-46.06	0.21	0.08
	3	R80x80-23	SLV_02	785.25	0.42	0.71	SLV_02	-46.06	0.21	0.09
1325	1	R50x35-19	SLV_02	46.07	0.10	0.42	SLV_02	-3.63	0.10	0.02
	2	R50x35-15	SLV_02	46.07	0.10	0.17	SLV_02	-3.63	0.10	0.01
	3	R50x35-18	SLV_02	46.07	0.10	0.42	SLV_02	-3.63	0.10	0.02
1327	1	R50x35-30	SLV_02	111.65	0.11	0.93	SLV_02	11.20	0.11	0.06
	2	R50x35-31	SLV_02	111.65	0.11	0.37	SLV_02	11.20	0.11	0.03
	3	R50x35-32	SLV_02	111.65	0.11	0.93	SLV_02	11.20	0.11	0.06
	1	R50x35-34	SLV_02	61.00	0.10	0.55	SLV_02	5.82	0.10	0.04

1328	2	R50x35-35	SLV_02	61.00	0.10	0.22	SLV_02	5.82	0.10	0.01
	3	R50x35-36	SLV_02	61.00	0.10	0.55	SLV_02	5.82	0.10	0.04
1329	1	R60x80-45	SLV_02	476.56	0.21	0.86	SLV_02	-20.54	0.10	0.11
	2	R60x80-46	SLV_02	476.56	0.21	0.86	SLV_02	-20.54	0.10	0.10
	3	R60x80-47	SLV_02	476.56	0.21	0.86	SLV_02	-20.54	0.10	0.11
1330	1	R60x80-45	SLV_02	461.22	0.21	0.83	SLV_01	-22.48	0.10	0.12
	2	R60x80-46	SLV_02	461.22	0.21	0.83	SLV_01	-22.48	0.10	0.11
	3	R60x80-47	SLV_02	461.22	0.21	0.83	SLV_01	-22.48	0.10	0.12
1331	1	R60x80-61	SLV_02	-158.22	0.10	0.57	SLV_02	16.67	0.05	0.09
	2	R60x80-62	SLV_02	-158.22	0.10	0.57	SLV_02	16.67	0.05	0.10
1332	1	R60x80-63	SLV_02	518.62	0.30	0.65	SLV_01	-28.71	0.15	0.10
	2	R60x80-64	SLV_02	518.62	0.30	0.65	SLV_01	-28.71	0.15	0.10
	3	R60x80-65	SLV_02	518.62	0.30	0.65	SLV_01	-28.71	0.15	0.10
1333	1	R60x80-50	SLV_02	-275.79	0.15	0.69	SLV_02	14.14	0.08	0.09
	2	R60x80-51	SLV_02	-275.79	0.15	0.69	SLV_02	14.14	0.08	0.09
	3	R60x80-52	SLV_02	-275.79	0.15	0.70	SLV_02	14.14	0.08	0.09
1334	1	R80x30-18	SLV_01	-55.83	0.16	0.40	SLV_02	-22.22	0.08	0.11
	2	R80x30-17	SLV_01	57.31	0.16	0.41	SLV_02	-22.22	0.08	0.11
1335	1	R80x80-24	SLV_02	-212.73	0.15	0.53	SLV_02	-23.57	0.08	0.12
	2	R80x80-25	SLV_02	-212.73	0.15	0.53	SLV_02	-23.57	0.08	0.12
	3	R80x80-26	SLV_02	-212.73	0.15	0.53	SLV_02	-23.57	0.08	0.12
1336	1	R80x30-17	SLV_01	78.65	0.16	0.57	SLV_02	-8.71	0.08	0.04
1337	1	R80x80-27	SLV_02	543.18	0.30	0.68	SLV_02	29.97	0.15	0.08
	2	R80x80-28	SLV_02	543.18	0.30	0.68	SLV_02	29.97	0.15	0.08
	3	R80x80-29	SLV_02	543.18	0.30	0.68	SLV_02	29.97	0.15	0.08
1338	1	R60x80-50	SLV_02	-276.66	0.15	0.69	SLV_02	-14.24	0.08	0.09
	2	R60x80-51	SLV_02	-276.66	0.15	0.69	SLV_02	-14.24	0.08	0.09
	3	R60x80-52	SLV_02	-276.66	0.15	0.70	SLV_02	-14.24	0.08	0.09
1339	1	R80x30-17	SLV_01	-53.19	0.16	0.38	SLV_02	-21.43	0.08	0.10
	2	R80x30-18	SLV_01	59.65	0.16	0.43	SLV_02	-21.43	0.08	0.11
1340	1	R80x80-24	SLV_02	-213.96	0.15	0.54	SLV_02	23.24	0.08	0.11
	2	R80x80-25	SLV_02	-213.96	0.15	0.54	SLV_02	23.24	0.08	0.11
	3	R80x80-26	SLV_02	-213.96	0.15	0.54	SLV_02	23.24	0.08	0.11
1341	1	R80x80-27	SLV_02	544.74	0.30	0.68	SLV_02	30.23	0.15	0.08
	2	R80x80-28	SLV_02	544.74	0.30	0.68	SLV_02	30.23	0.15	0.08
	3	R80x80-29	SLV_02	544.74	0.30	0.68	SLV_02	30.23	0.15	0.08
1342	1	R60x80-61	SLV_02	-160.97	0.10	0.58	SLV_02	-16.23	0.05	0.09
	2	R60x80-62	SLV_02	-160.97	0.10	0.58	SLV_02	-16.23	0.05	0.09
1343	1	R60x80-63	SLV_02	520.35	0.30	0.65	SLV_01	28.33	0.15	0.10
	2	R60x80-64	SLV_02	520.35	0.30	0.65	SLV_01	28.33	0.15	0.10
	3	R60x80-65	SLV_02	520.35	0.30	0.65	SLV_01	28.33	0.15	0.10
1344	1	R60x80-44	SLV_02	-203.77	0.10	0.74	SLV_02	-16.19	0.05	0.09
	2	R60x80-49	SLV_02	-203.77	0.10	0.74	SLV_02	-16.19	0.05	0.10
1345	1	R60x80-45	SLV_02	458.90	0.21	0.83	SLV_02	22.37	0.10	0.11
	2	R60x80-46	SLV_02	458.90	0.21	0.83	SLV_02	22.37	0.10	0.11
	3	R60x80-47	SLV_02	458.90	0.21	0.83	SLV_02	22.37	0.10	0.11
1346	1	R60x80-44	SLV_02	-215.07	0.10	0.78	SLV_01	-17.65	0.05	0.10
1347	1	R60x80-45	SLV_02	470.59	0.21	0.85	SLV_02	20.68	0.10	0.11
	2	R60x80-46	SLV_02	470.59	0.21	0.85	SLV_02	20.68	0.10	0.10

	3	R60x80-47	SLV_02	470.59	0.21	0.85	SLV_02	20.68	0.10	0.11
1348	1	R50x35-34	SLV_02	61.02	0.10	0.55	SLV_02	-5.74	0.10	0.03
	2	R50x35-35	SLV_02	61.02	0.10	0.22	SLV_02	-5.74	0.10	0.01
	3	R50x35-36	SLV_02	61.02	0.10	0.55	SLV_02	-5.74	0.10	0.03
1349	1	R80x35-19	SLV_01	-106.51	0.16	0.64	SLV_02	15.13	0.08	0.07
1351	1	R80x35-22	SLV_01	-76.28	0.16	0.46	SLV_02	-31.00	0.08	0.15
	2	R80x35-19	SLV_01	73.05	0.16	0.44	SLV_02	-31.00	0.08	0.15
1352	1	R80x35-19	SLV_01	84.47	0.16	0.51	SLV_02	-12.16	0.08	0.06
1353	1	R80x35-19	SLV_01	-71.20	0.16	0.43	SLV_02	-28.27	0.08	0.14
	2	R80x35-22	SLV_01	76.11	0.16	0.46	SLV_02	-28.27	0.08	0.14
1355	1	R80x35-22	SLV_01	-77.34	0.16	0.47	SLV_02	16.93	0.08	0.08
	2	R80x35-19	SLV_01	108.28	0.16	0.65	SLV_02	16.93	0.08	0.08
1356	1	R80x35-15	SLV_01	-108.37	0.16	0.65	SLV_02	-16.92	0.08	0.08
	2	R80x35-16	SLV_01	77.55	0.16	0.47	SLV_02	-16.92	0.08	0.08
1358	1	R80x35-16	SLV_01	-75.04	0.16	0.45	SLV_02	27.87	0.08	0.14
	2	R80x35-15	SLV_01	76.40	0.16	0.46	SLV_02	27.87	0.08	0.13
1359	1	R80x35-15	SLV_01	85.01	0.16	0.51	SLV_02	12.09	0.08	0.06
1360	1	R80x35-15	SLV_01	-70.14	0.16	0.42	SLV_02	30.83	0.08	0.15
	2	R80x35-16	SLV_01	81.10	0.16	0.49	SLV_02	30.83	0.08	0.15
1362	1	R80x35-15	SLV_01	105.47	0.16	0.64	SLV_02	-15.19	0.08	0.07
1364	1	R80x35-13	SLV_02	54.39	0.16	0.33	SLV_02	53.32	0.08	0.26
1365	1	R100x35-64	SLV_01	-147.52	0.21	0.67	SLV_02	-29.28	0.10	0.08
	2	R100x35-65	SLV_01	-85.28	0.21	0.15	SLV_02	-29.28	0.10	0.03
	3	R100x35-66	SLV_01	103.82	0.21	0.47	SLV_02	-29.28	0.10	0.09
1367	1	R100x35-66	SLV_01	-93.25	0.21	0.42	SLV_02	-42.69	0.10	0.13
	2	R100x35-65	SLV_01	85.39	0.21	0.39	SLV_02	-42.69	0.10	0.12
1368	1	R100x35-65	SLV_01	-106.26	0.21	0.48	SLV_02	-17.49	0.10	0.05
1369	1	R100x35-65	SLV_01	-80.25	0.21	0.36	SLV_02	-35.71	0.10	0.10
	2	R100x35-66	SLV_01	93.44	0.21	0.42	SLV_02	-35.71	0.10	0.11
1371	1	R100x35-66	SLV_01	-97.48	0.21	0.44	SLV_02	27.40	0.10	0.08
	2	R100x35-65	SLV_01	129.34	0.21	0.58	SLV_02	27.40	0.10	0.08
1373	1	R100x35-65	SLV_01	-128.89	0.21	0.58	SLV_02	-27.15	0.10	0.08
	2	R100x35-66	SLV_01	96.91	0.21	0.44	SLV_02	-27.15	0.10	0.08
1374	1	R100x35-67	SLV_01	-138.26	0.23	0.58	SLV_02	15.94	0.11	0.04
	2	R100x35-68	SLV_01	73.84	0.23	0.12	SLV_02	-35.00	0.11	0.04
	3	R100x35-67	SLV_01	142.23	0.23	0.60	SLV_02	-35.00	0.11	0.10
1375	1	R100x35-66	SLV_01	-92.59	0.21	0.42	SLV_02	35.40	0.10	0.10
	2	R100x35-65	SLV_01	89.06	0.21	0.40	SLV_02	35.40	0.10	0.10
1376	1	R100x35-65	SLV_01	106.55	0.21	0.48	SLV_02	17.41	0.10	0.05
1377	1	R100x35-65	SLV_01	-83.32	0.21	0.38	SLV_02	42.43	0.10	0.12
	2	R100x35-66	SLV_01	99.30	0.21	0.45	SLV_02	42.43	0.10	0.13
1379	1	R100x35-66	SLV_01	-105.51	0.21	0.48	SLV_02	29.26	0.10	0.09
	2	R100x35-65	SLV_01	84.58	0.21	0.15	SLV_02	29.26	0.10	0.03
	3	R100x35-64	SLV_01	146.67	0.21	0.66	SLV_02	29.26	0.10	0.08
1380	1	R80x35-13	SLV_02	-53.89	0.16	0.32	SLV_02	-53.25	0.08	0.26
1383	1	R100x35-149	SLV_01	-102.21	0.21	0.46	SLV_02	-40.48	0.10	0.12
	2	R100x35-148	SLV_01	80.21	0.21	0.36	SLV_02	-40.48	0.10	0.12
1384	1	R100x35-148	SLV_01	-104.21	0.21	0.47	SLV_02	-17.61	0.10	0.05
1385	1	R100x35-148	SLV_01	101.85	0.21	0.46	SLV_02	36.31	0.10	0.10

1387	1	R100x35-65	SLV_01	119.18	0.21	0.54	SLV_02	24.09	0.10	0.07
1389	1	R100x35-65	SLV_01	-131.50	0.21	0.59	SLV_02	-24.61	0.10	0.07
1391	1	R100x35-148	SLV_01	-101.75	0.21	0.46	SLV_02	-36.38	0.10	0.10
1392	1	R100x35-148	SLV_01	104.30	0.21	0.47	SLV_02	17.52	0.10	0.05
1393	1	R100x35-148	SLV_01	-78.85	0.21	0.36	SLV_02	40.22	0.10	0.11
	2	R100x35-149	SLV_01	103.85	0.21	0.47	SLV_02	40.22	0.10	0.12
1394	1	R100x35-149	SLV_01	-98.01	0.21	0.44	SLV_02	31.59	0.10	0.09
	2	R100x35-148	SLV_01	-69.28	0.21	0.31	SLV_02	31.59	0.10	0.09
1395	1	R100x35-148	SLV_01	79.01	0.21	0.36	SLV_02	21.79	0.10	0.06
1396	1	R50x80-57	SLV_02	204.12	0.09	0.85	SLV_02	43.69	0.09	0.30
1397	1	R50x80-65	SLV_01	-93.90	0.09	0.39	SLV_02	-9.40	0.09	0.07
	2	R50x80-66	SLV_01	136.34	0.09	0.57	SLV_02	-9.40	0.09	0.07
1398	1	R50x80-65	SLV_02	-144.26	0.09	0.60	SLV_02	-7.63	0.09	0.05
	2	R50x80-67	SLV_02	-101.13	0.09	0.42	SLV_02	-7.63	0.09	0.05
1399	1	R50x80-67	SLV_02	-73.24	0.09	0.31	SLV_02	7.22	0.09	0.05
	2	R50x80-65	SLV_02	135.17	0.09	0.57	SLV_02	7.22	0.09	0.05
1401	3	R50x80-81	SLV_02	212.14	0.11	0.71	SLV_02	7.22	0.11	0.04
	1	R50x80-82	SLV_01	-125.51	0.09	0.53	SLV_02	-6.15	0.09	0.04
1403	1	R50x80-82	SLV_01	-160.24	0.09	0.67	SLV_02	8.24	0.09	0.06
	2	R50x80-83	SLV_01	-67.89	0.09	0.28	SLV_02	8.24	0.09	0.06
1404	3	R50x80-82	SLV_01	158.22	0.09	0.66	SLV_02	8.24	0.09	0.06
	1	R80x30-18	SLV_01	-72.32	0.16	0.52	SLV_02	-11.90	0.08	0.06
1405	2	R80x30-17	SLV_01	97.30	0.16	0.70	SLV_02	-11.90	0.08	0.06
	1	R80x30-26	SLV_02	26.11	0.16	0.19	SLV_01	5.11	0.08	0.02
1406	1	R100x30-73	SLV_01	-114.39	0.21	0.62	SLV_02	-19.19	0.10	0.05
	2	R100x30-74	SLV_01	-67.36	0.21	0.15	SLV_02	-19.19	0.10	0.02
1408	3	R100x30-75	SLV_01	92.59	0.21	0.50	SLV_02	-19.19	0.10	0.05
	1	R50x80-82	SLV_01	-158.50	0.09	0.66	SLV_02	-8.26	0.09	0.06
1410	2	R50x80-83	SLV_01	67.71	0.09	0.28	SLV_02	-8.26	0.09	0.06
	3	R50x80-82	SLV_01	160.07	0.09	0.67	SLV_02	-8.26	0.09	0.06
1412	1	R50x80-65	SLV_01	125.25	0.09	0.52	SLV_02	-6.10	0.09	0.04
	2	R50x80-81	SLV_02	-209.99	0.11	0.70	SLV_02	-7.11	0.11	0.04
1413	1	R50x80-65	SLV_02	-133.04	0.09	0.56	SLV_02	-7.11	0.09	0.05
	1	R50x80-57	SLV_02	141.50	0.09	0.59	SLV_02	7.57	0.09	0.05
1414	1	R50x80-57	SLV_01	-135.49	0.09	0.57	SLV_02	9.33	0.09	0.07
	2	R50x80-58	SLV_01	94.78	0.09	0.40	SLV_02	9.33	0.09	0.07
1415	1	R50x80-57	SLV_02	-201.64	0.09	0.84	SLV_02	-43.25	0.09	0.30
1416	1	R60x80-53	SLV_02	641.56	0.42	0.58	SLV_01	-27.99	0.21	0.07
	2	R60x80-54	SLV_02	641.56	0.42	0.58	SLV_01	-27.99	0.21	0.07
1417	3	R60x80-55	SLV_02	641.56	0.42	0.58	SLV_01	-27.99	0.21	0.07
	1	R50x80-113	SLV_01	-110.33	0.09	0.46	SLV_02	7.56	0.09	0.05
1419	2	R50x80-114	SLV_01	162.22	0.09	0.68	SLV_02	7.56	0.09	0.05
	1	R50x80-118	SLV_01	-174.19	0.11	0.58	SLV_02	-7.76	0.11	0.04
1420	2	R50x80-113	SLV_01	122.59	0.09	0.51	SLV_02	-7.76	0.09	0.05
	1	R60x80-53	SLV_02	639.78	0.42	0.58	SLV_01	27.99	0.21	0.07
1421	2	R60x80-54	SLV_02	639.78	0.42	0.58	SLV_01	27.99	0.21	0.07
	3	R60x80-55	SLV_02	639.78	0.42	0.58	SLV_01	27.99	0.21	0.07
1421	1	R100x30-75	SLV_01	-68.38	0.21	0.37	SLV_02	29.49	0.10	0.08
	2	R100x30-74	SLV_01	68.59	0.21	0.37	SLV_02	29.49	0.10	0.08

1422	1	R100x30-74	SLV_01	-98.30	0.21	0.53	SLV_02	-12.58	0.10	0.04
1423	1	R100x30-74	SLV_01	-65.14	0.21	0.35	SLV_02	-28.87	0.10	0.08
	2	R100x30-78	SLV_01	71.66	0.21	0.39	SLV_02	-28.87	0.10	0.09
1425	1	R100x30-78	SLV_01	-90.02	0.21	0.49	SLV_02	20.95	0.10	0.06
	2	R100x30-74	SLV_01	66.18	0.21	0.14	SLV_02	20.95	0.10	0.03
	3	R100x30-75	SLV_01	120.31	0.21	0.65	SLV_02	20.95	0.10	0.06
1427	1	R100x30-75	SLV_01	-120.08	0.21	0.65	SLV_02	-20.41	0.10	0.06
	2	R100x30-74	SLV_01	-65.96	0.21	0.14	SLV_02	-20.41	0.10	0.02
	3	R100x30-78	SLV_01	89.68	0.21	0.49	SLV_02	-20.41	0.10	0.06
1429	1	R100x30-78	SLV_01	-54.17	0.21	0.29	SLV_02	24.76	0.10	0.07
	2	R100x30-74	SLV_01	52.01	0.21	0.28	SLV_02	24.76	0.10	0.07
1430	1	R100x30-74	SLV_01	99.09	0.21	0.54	SLV_02	-11.49	0.10	0.03
1431	1	R100x30-74	SLV_01	-64.77	0.21	0.35	SLV_02	-29.20	0.10	0.08
	2	R100x30-78	SLV_01	76.97	0.21	0.42	SLV_02	-29.20	0.10	0.09
1433	1	R100x30-75	SLV_01	-94.34	0.21	0.51	SLV_02	-18.32	0.10	0.05
	2	R100x30-74	SLV_01	65.38	0.21	0.14	SLV_02	-18.32	0.10	0.02
	3	R100x30-73	SLV_01	112.37	0.21	0.61	SLV_02	-18.32	0.10	0.05
1434	1	R80x30-26	SLV_02	-25.81	0.16	0.19	SLV_01	-5.26	0.08	0.03
1436	1	R100x30-67	SLV_01	58.44	0.21	0.32	SLV_02	23.65	0.10	0.07
1437	1	R100x30-67	SLV_01	-74.98	0.21	0.41	SLV_02	11.19	0.10	0.03
1438	1	R100x30-67	SLV_01	-63.73	0.21	0.35	SLV_02	-25.09	0.10	0.07
	2	R100x30-82	SLV_01	62.18	0.21	0.34	SLV_02	-25.09	0.10	0.07
1440	1	R100x30-82	SLV_01	-82.21	0.21	0.45	SLV_02	-16.62	0.10	0.05
	2	R100x30-67	SLV_01	45.26	0.21	0.10	SLV_02	-16.62	0.10	0.02
	3	R100x30-68	SLV_01	92.72	0.21	0.50	SLV_02	-16.62	0.10	0.05
1442	1	R100x30-68	SLV_01	-93.00	0.21	0.50	SLV_02	16.16	0.10	0.05
	2	R100x30-67	SLV_01	-45.54	0.21	0.10	SLV_02	16.16	0.10	0.02
	3	R100x30-82	SLV_01	82.42	0.21	0.45	SLV_02	16.16	0.10	0.05
1444	1	R100x30-82	SLV_01	-45.55	0.21	0.25	SLV_02	20.92	0.10	0.06
	2	R100x30-67	SLV_01	48.18	0.21	0.26	SLV_02	20.92	0.10	0.06
1445	1	R100x30-67	SLV_01	75.43	0.21	0.41	SLV_02	-10.06	0.10	0.03
1446	1	R100x30-67	SLV_01	-54.27	0.21	0.29	SLV_02	-23.93	0.10	0.07
	2	R100x30-82	SLV_01	58.93	0.21	0.32	SLV_02	-23.93	0.10	0.07
1460	1	R50x30-21	SLV_02	-22.98	0.10	0.25	SLV_02	-4.06	0.10	0.02
1461	1	R50x30-19	SLV_02	38.04	0.10	0.41	SLV_02	-2.79	0.10	0.02
1462	1	R50x30-19	SLV_02	36.46	0.10	0.40	SLV_02	-2.85	0.10	0.02
1463	1	R50x30-19	SLV_02	33.02	0.10	0.36	SLV_02	2.64	0.10	0.02
1464	1	R50x30-19	SLV_02	31.35	0.10	0.34	SLV_02	2.90	0.10	0.02
1465	1	R50x30-19	SLV_02	27.47	0.10	0.30	SLV_02	4.30	0.10	0.03
	1	R50x30-22	SLV_02	-46.60	0.10	0.51	SLV_02	2.83	0.10	0.02
1466	2	R50x30-23	SLV_02	-46.60	0.10	0.20	SLV_02	2.83	0.10	0.01
	3	R50x30-24	SLV_02	-46.60	0.10	0.51	SLV_02	2.83	0.10	0.02
1467	1	R50x30-19	SLV_02	-25.62	0.10	0.28	SLV_02	-7.35	0.10	0.04
1468	1	R50x30-19	SLV_02	-20.88	0.10	0.23	SLV_01	-1.54	0.10	0.01
	1	R50x30-22	SLV_02	-46.21	0.10	0.50	SLV_02	-2.76	0.10	0.02
1469	2	R50x30-23	SLV_02	-46.21	0.10	0.20	SLV_02	-2.76	0.10	0.01
	3	R50x30-24	SLV_02	-46.21	0.10	0.50	SLV_02	-2.76	0.10	0.02
1470	1	R50x30-19	SLV_02	27.48	0.10	0.30	SLV_02	-4.15	0.10	0.03
1471	1	R50x30-19	SLV_02	31.50	0.10	0.34	SLV_02	-2.40	0.10	0.01

1472	1	R50x30-19	SLV_02	32.81	0.10	0.36	SLV_02	2.26	0.10	0.01
1473	1	R50x30-19	SLV_02	35.61	0.10	0.39	SLV_02	2.69	0.10	0.02
1474	1	R50x30-19	SLV_02	37.16	0.10	0.40	SLV_02	2.93	0.10	0.02
1475	1	R50x30-19	SLV_02	-24.05	0.10	0.26	SLV_02	3.80	0.10	0.02
1476	1	R30x80-2	SLV_02	-92.89	0.05	0.67	SLV_02	-4.68	0.05	0.05
1477	1	R30x80-2	SLV_02	-90.82	0.05	0.66	SLV_02	4.41	0.05	0.05
1478	1	R50x30-19	SLV_02	40.14	0.10	0.44	SLV_02	-6.41	0.10	0.04
1479	1	R50x30-19	SLV_02	-27.71	0.10	0.30	SLV_02	-3.92	0.10	0.02
1480	1	R50x30-21	SLV_02	20.86	0.10	0.23	SLV_02	2.96	0.10	0.02
1481	1	R50x30-19	SLV_02	-15.29	0.10	0.17	SLV_02	2.73	0.10	0.02
1482	1	R60x30-2	SLV_02	-23.26	0.16	0.17	SLV_02	-3.43	0.08	0.02
1483	1	R60x30-2	SLV_02	-23.30	0.16	0.17	SLV_02	-3.40	0.08	0.02
1484	1	R50x30-19	SLV_02	-15.20	0.10	0.16	SLV_02	-2.68	0.10	0.02
1485	1	R50x30-21	SLV_02	20.75	0.10	0.23	SLV_02	2.84	0.10	0.02
1486	1	R50x30-19	SLV_02	-27.40	0.10	0.30	SLV_02	3.53	0.10	0.02
1487	1	R50x30-19	SLV_02	39.19	0.10	0.43	SLV_02	5.93	0.10	0.04
1488	1	R70x30-8	SLV_02	31.83	0.16	0.23	SLV_02	3.03	0.08	0.02
1489	1	R70x30-9	SLV_02	65.48	0.16	0.47	SLV_02	6.92	0.08	0.04
1491	1	R70x30-8	SLV_01	-47.36	0.16	0.34	SLV_02	6.16	0.08	0.03
1493	1	R70x30-10	SLV_01	57.99	0.16	0.42	SLV_02	-7.21	0.08	0.04
1494	1	R70x30-10	SLV_01	-59.35	0.16	0.43	SLV_02	6.94	0.08	0.04
	2	R70x30-11	SLV_01	56.94	0.16	0.41	SLV_02	6.94	0.08	0.04
1496	1	R70x30-11	SLV_01	-56.99	0.16	0.41	SLV_02	-6.83	0.08	0.04
	2	R70x30-10	SLV_01	59.58	0.16	0.43	SLV_02	-6.83	0.08	0.04
1497	1	R70x30-8	SLV_01	-57.59	0.16	0.42	SLV_02	6.94	0.08	0.04
1499	1	R70x30-8	SLV_01	47.45	0.16	0.34	SLV_02	-5.87	0.08	0.03
1501	1	R70x30-9	SLV_02	-64.94	0.16	0.47	SLV_02	-6.54	0.08	0.04
1502	1	R70x30-8	SLV_02	-31.62	0.16	0.23	SLV_01	-2.99	0.08	0.02
1503	1	R50x30-19	SLV_02	-47.02	0.10	0.51	SLV_02	-6.77	0.10	0.04
1504	1	R50x30-19	SLV_02	-46.66	0.10	0.51	SLV_02	6.76	0.10	0.04
	1	R80x30-24	SLV_01	-101.28	0.21	0.55	SLV_02	11.42	0.10	0.04
1505	2	R80x30-23	SLV_01	-57.35	0.16	0.17	SLV_02	11.42	0.08	0.02
	3	R80x30-22	SLV_01	70.15	0.16	0.51	SLV_02	11.42	0.08	0.06
1507	1	R80x30-22	SLV_01	-52.57	0.16	0.38	SLV_02	21.46	0.08	0.11
	2	R80x30-23	SLV_01	57.36	0.16	0.41	SLV_02	21.46	0.08	0.10
1508	1	R80x30-23	SLV_01	78.86	0.16	0.57	SLV_02	8.57	0.08	0.04
1509	1	R80x30-23	SLV_01	-56.73	0.16	0.41	SLV_02	21.35	0.08	0.10
	2	R80x30-22	SLV_01	53.27	0.16	0.39	SLV_02	21.35	0.08	0.11
	1	R80x30-22	SLV_01	-69.14	0.16	0.50	SLV_02	-10.92	0.08	0.06
1511	2	R80x30-23	SLV_01	56.46	0.16	0.16	SLV_02	-10.92	0.08	0.02
	3	R80x30-22	SLV_01	100.09	0.16	0.72	SLV_02	-10.92	0.08	0.06
	1	R80x30-22	SLV_01	-100.22	0.16	0.72	SLV_02	10.68	0.08	0.05
1513	2	R80x30-23	SLV_01	-56.59	0.16	0.16	SLV_02	10.68	0.08	0.02
	3	R80x30-22	SLV_01	69.32	0.16	0.50	SLV_02	10.68	0.08	0.05
1515	1	R80x30-22	SLV_01	-52.55	0.16	0.38	SLV_02	-20.46	0.08	0.10
	2	R80x30-23	SLV_01	58.88	0.16	0.43	SLV_02	-20.46	0.08	0.10
1516	1	R80x30-23	SLV_01	79.30	0.16	0.57	SLV_02	-8.19	0.08	0.04
1517	1	R80x30-23	SLV_01	-55.15	0.16	0.40	SLV_02	-20.35	0.08	0.10
	2	R80x30-22	SLV_01	57.77	0.16	0.42	SLV_02	-20.35	0.08	0.10

1519	1	R80x30-22	SLV_01	-71.31	0.16	0.52	SLV_02	-10.81	0.08	0.05
	2	R80x30-23	SLV_01	56.08	0.16	0.16	SLV_02	-10.81	0.08	0.02
	3	R80x30-22	SLV_01	99.92	0.16	0.72	SLV_02	-10.81	0.08	0.05
1520	1	R80x30-26	SLV_02	26.74	0.16	0.19	SLV_01	4.79	0.08	0.02
1521	1	R100x30-75	SLV_01	-117.31	0.21	0.64	SLV_02	17.39	0.10	0.05
	2	R100x30-74	SLV_01	-70.27	0.21	0.15	SLV_02	17.39	0.10	0.02
	3	R100x30-75	SLV_01	92.86	0.21	0.50	SLV_02	17.39	0.10	0.05
1523	1	R100x30-78	SLV_01	-69.27	0.21	0.38	SLV_02	28.23	0.10	0.08
	2	R100x30-74	SLV_01	65.80	0.21	0.36	SLV_02	28.23	0.10	0.08
1524	1	R100x30-74	SLV_01	-98.89	0.21	0.54	SLV_02	11.76	0.10	0.03
1525	1	R100x30-74	SLV_01	-67.44	0.21	0.37	SLV_02	-27.32	0.10	0.08
	2	R100x30-78	SLV_01	67.88	0.21	0.37	SLV_02	-27.32	0.10	0.08
1527	1	R100x30-78	SLV_01	-88.47	0.21	0.48	SLV_02	18.33	0.10	0.05
	2	R100x30-74	SLV_01	69.63	0.21	0.15	SLV_02	18.33	0.10	0.02
	3	R100x30-75	SLV_01	123.75	0.21	0.67	SLV_02	18.33	0.10	0.05
1529	1	R100x30-75	SLV_01	-123.58	0.21	0.67	SLV_02	-17.95	0.10	0.05
	2	R100x30-74	SLV_01	-69.46	0.21	0.15	SLV_02	-17.95	0.10	0.02
	3	R100x30-78	SLV_01	88.14	0.21	0.48	SLV_02	-17.95	0.10	0.05
1531	1	R100x30-78	SLV_01	-66.69	0.21	0.36	SLV_02	26.20	0.10	0.08
	2	R100x30-74	SLV_01	70.05	0.21	0.38	SLV_02	26.20	0.10	0.07
1532	1	R100x30-74	SLV_01	99.66	0.21	0.54	SLV_02	-11.32	0.10	0.03
1533	1	R100x30-74	SLV_01	-67.41	0.21	0.37	SLV_02	-27.02	0.10	0.08
	2	R100x30-78	SLV_01	75.02	0.21	0.41	SLV_02	-27.02	0.10	0.08
1535	1	R100x30-75	SLV_01	-94.25	0.21	0.51	SLV_02	-16.61	0.10	0.05
	2	R100x30-74	SLV_01	68.45	0.21	0.15	SLV_02	-16.61	0.10	0.02
	3	R100x30-73	SLV_01	115.44	0.21	0.63	SLV_02	-16.61	0.10	0.05
1536	1	R80x30-26	SLV_02	-26.45	0.16	0.19	SLV_01	-4.94	0.08	0.02
1538	1	R100x30-82	SLV_01	-54.00	0.21	0.29	SLV_02	23.30	0.10	0.07
	2	R100x30-67	SLV_01	58.68	0.21	0.32	SLV_02	23.30	0.10	0.07
1539	1	R100x30-67	SLV_01	-75.82	0.21	0.41	SLV_02	10.44	0.10	0.03
1540	1	R100x30-67	SLV_01	-67.28	0.21	0.36	SLV_02	23.70	0.10	0.07
	2	R100x30-82	SLV_01	57.17	0.21	0.31	SLV_02	23.70	0.10	0.07
1542	1	R100x30-82	SLV_01	-81.62	0.21	0.44	SLV_02	14.39	0.10	0.04
	2	R100x30-67	SLV_01	46.74	0.21	0.10	SLV_02	14.39	0.10	0.02
	3	R100x30-68	SLV_01	94.20	0.21	0.51	SLV_02	14.39	0.10	0.04
1544	1	R100x30-68	SLV_01	-94.51	0.21	0.51	SLV_02	-14.10	0.10	0.04
	2	R100x30-67	SLV_01	-47.05	0.21	0.10	SLV_02	-14.10	0.10	0.02
	3	R100x30-82	SLV_01	81.86	0.21	0.44	SLV_02	-14.10	0.10	0.04
1546	1	R100x30-82	SLV_01	-56.92	0.21	0.31	SLV_02	-22.85	0.10	0.07
	2	R100x30-67	SLV_01	68.19	0.21	0.37	SLV_02	-22.85	0.10	0.07
1547	1	R100x30-67	SLV_01	76.10	0.21	0.41	SLV_02	-10.07	0.10	0.03
1548	1	R100x30-67	SLV_01	-59.08	0.21	0.32	SLV_02	-22.38	0.10	0.06
	2	R100x30-82	SLV_01	53.50	0.21	0.29	SLV_02	-22.38	0.10	0.06
1562	1	R50x30-21	SLV_02	-23.43	0.10	0.25	SLV_02	-3.68	0.10	0.02
1563	1	R50x30-25	SLV_02	40.90	0.10	0.44	SLV_02	-2.82	0.10	0.02
	2	R50x30-21	SLV_02	40.90	0.10	0.18	SLV_02	-2.82	0.10	0.01
	3	R50x30-26	SLV_02	40.90	0.10	0.44	SLV_02	-2.82	0.10	0.02
1564	1	R50x30-25	SLV_02	39.72	0.10	0.43	SLV_02	-2.60	0.10	0.02
	2	R50x30-21	SLV_02	39.72	0.10	0.17	SLV_02	-2.60	0.10	0.01

	3	R50x30-26	SLV_02	39.72	0.10	0.43	SLV_02	-2.60	0.10	0.02
1565	1	R50x30-19	SLV_02	35.90	0.10	0.39	SLV_02	-2.57	0.10	0.02
1566	1	R50x30-19	SLV_02	33.90	0.10	0.37	SLV_02	2.85	0.10	0.02
1567	1	R50x30-19	SLV_02	30.14	0.10	0.33	SLV_02	3.79	0.10	0.02
1568	1	R50x30-28	SLV_02	-50.35	0.10	0.55	SLV_02	2.43	0.10	0.01
	2	R50x30-29	SLV_02	-50.35	0.10	0.55	SLV_02	2.43	0.10	0.01
1569	1	R50x30-19	SLV_02	-25.20	0.10	0.27	SLV_02	-6.07	0.10	0.04
1570	1	R50x30-19	SLV_02	-22.32	0.10	0.24	SLV_02	-1.32	0.10	0.01
1571	1	R50x30-22	SLV_02	-49.94	0.10	0.54	SLV_02	-2.36	0.10	0.01
	2	R50x30-23	SLV_02	-49.94	0.10	0.22	SLV_02	-2.36	0.10	0.01
	3	R50x30-24	SLV_02	-49.94	0.10	0.54	SLV_02	-2.36	0.10	0.01
1572	1	R50x30-19	SLV_02	30.08	0.10	0.33	SLV_02	-3.67	0.10	0.02
1573	1	R50x30-19	SLV_02	34.00	0.10	0.37	SLV_02	-2.70	0.10	0.02
1574	1	R50x30-19	SLV_02	35.65	0.10	0.39	SLV_02	2.45	0.10	0.01
1575	1	R50x30-25	SLV_02	38.79	0.10	0.42	SLV_02	2.47	0.10	0.01
	2	R50x30-21	SLV_02	38.79	0.10	0.17	SLV_02	2.47	0.10	0.01
	3	R50x30-26	SLV_02	38.79	0.10	0.42	SLV_02	2.47	0.10	0.01
1576	1	R50x30-25	SLV_02	40.07	0.10	0.43	SLV_02	2.69	0.10	0.02
	2	R50x30-21	SLV_02	40.07	0.10	0.17	SLV_02	2.69	0.10	0.01
	3	R50x30-26	SLV_02	40.07	0.10	0.43	SLV_02	2.69	0.10	0.02
1577	1	R50x30-19	SLV_02	-24.92	0.10	0.27	SLV_02	3.47	0.10	0.02
1578	1	R30x80-2	SLV_02	-93.47	0.05	0.68	SLV_02	-4.22	0.05	0.04
1579	1	R30x80-2	SLV_02	-91.78	0.05	0.66	SLV_02	3.89	0.05	0.04
1580	1	R50x30-27	SLV_02	43.48	0.10	0.47	SLV_02	-5.98	0.10	0.04
	2	R50x30-21	SLV_02	43.48	0.10	0.47	SLV_02	-5.98	0.10	0.04
1581	1	R50x30-19	SLV_02	-28.54	0.10	0.31	SLV_02	-3.61	0.10	0.02
1582	1	R50x30-21	SLV_02	23.50	0.10	0.25	SLV_02	-2.72	0.10	0.02
1583	1	R50x30-19	SLV_02	17.49	0.10	0.19	SLV_02	-2.37	0.10	0.01
1584	1	R60x30-2	SLV_02	-24.92	0.16	0.18	SLV_02	-2.90	0.08	0.02
1585	1	R60x30-2	SLV_02	-24.97	0.16	0.18	SLV_02	2.86	0.08	0.02
1586	1	R50x30-19	SLV_02	17.52	0.10	0.19	SLV_02	2.32	0.10	0.01
1587	1	R50x30-21	SLV_02	23.18	0.10	0.25	SLV_02	2.61	0.10	0.02
1588	1	R50x30-19	SLV_02	-28.21	0.10	0.31	SLV_02	3.43	0.10	0.02
1589	1	R50x30-27	SLV_02	42.38	0.10	0.46	SLV_02	5.66	0.10	0.03
	2	R50x30-21	SLV_02	42.38	0.10	0.46	SLV_02	5.66	0.10	0.03
1590	1	R70x30-8	SLV_02	32.27	0.16	0.23	SLV_02	2.81	0.08	0.02
1591	1	R70x30-17	SLV_02	67.94	0.16	0.49	SLV_02	-6.33	0.08	0.04
1593	1	R70x30-8	SLV_01	-48.02	0.16	0.35	SLV_02	5.75	0.08	0.03
1595	1	R70x30-10	SLV_01	58.56	0.16	0.42	SLV_02	-6.29	0.08	0.03
1596	1	R70x30-10	SLV_01	-60.10	0.16	0.43	SLV_02	5.91	0.08	0.03
	2	R70x30-11	SLV_01	57.03	0.16	0.41	SLV_02	5.91	0.08	0.04
1598	1	R70x30-11	SLV_01	-57.09	0.16	0.41	SLV_02	-5.84	0.08	0.03
	2	R70x30-10	SLV_01	60.36	0.16	0.44	SLV_02	-5.84	0.08	0.03
1599	1	R70x30-8	SLV_01	-58.14	0.16	0.42	SLV_02	-6.14	0.08	0.03
1601	1	R70x30-8	SLV_01	48.08	0.16	0.35	SLV_02	-5.49	0.08	0.03
1603	1	R70x30-8	SLV_02	-66.92	0.16	0.48	SLV_02	6.02	0.08	0.03
1604	1	R70x30-8	SLV_02	-32.08	0.16	0.23	SLV_01	-2.87	0.08	0.02
1605	1	R50x30-26	SLV_02	-45.70	0.10	0.50	SLV_02	-6.59	0.10	0.04
	2	R50x30-21	SLV_02	-45.68	0.10	0.50	SLV_02	-6.59	0.10	0.04

1606	1	R50x30-26	SLV_02	-44.80	0.10	0.49	SLV_02	6.25	0.10	0.04
	2	R50x30-21	SLV_02	-44.78	0.10	0.49	SLV_02	6.25	0.10	0.04
1607	1	R80x30-24	SLV_01	-103.19	0.21	0.56	SLV_02	9.29	0.10	0.04
	2	R80x30-23	SLV_01	-59.26	0.16	0.17	SLV_02	9.29	0.08	0.02
	3	R80x30-22	SLV_01	68.82	0.16	0.50	SLV_02	9.29	0.08	0.05
1609	1	R80x30-22	SLV_01	-49.92	0.16	0.36	SLV_02	-16.21	0.08	0.08
	2	R80x30-23	SLV_01	59.00	0.16	0.43	SLV_02	-16.21	0.08	0.08
1610	1	R80x30-23	SLV_01	79.17	0.16	0.57	SLV_02	-6.51	0.08	0.03
1611	1	R80x30-23	SLV_01	-58.35	0.16	0.42	SLV_02	16.25	0.08	0.08
	2	R80x30-22	SLV_01	50.60	0.16	0.37	SLV_02	16.25	0.08	0.08
1613	1	R80x30-22	SLV_01	-67.83	0.16	0.49	SLV_02	-8.22	0.08	0.04
	2	R80x30-23	SLV_01	58.56	0.16	0.17	SLV_02	-8.22	0.08	0.02
	3	R80x30-24	SLV_01	102.20	0.21	0.55	SLV_02	-8.22	0.10	0.03
1615	1	R80x30-24	SLV_01	-102.36	0.21	0.56	SLV_02	8.34	0.10	0.03
	2	R80x30-23	SLV_01	-58.73	0.16	0.17	SLV_02	8.34	0.08	0.02
	3	R80x30-22	SLV_01	68.07	0.16	0.49	SLV_02	8.34	0.08	0.04
1617	1	R80x30-22	SLV_01	-49.98	0.16	0.36	SLV_02	-16.14	0.08	0.08
	2	R80x30-23	SLV_01	60.41	0.16	0.44	SLV_02	-16.14	0.08	0.08
1618	1	R80x30-23	SLV_01	79.70	0.16	0.58	SLV_02	-6.39	0.08	0.03
1619	1	R80x30-23	SLV_01	-56.83	0.16	0.41	SLV_02	16.50	0.08	0.08
	2	R80x30-22	SLV_01	56.48	0.16	0.41	SLV_02	16.50	0.08	0.08
1621	1	R80x30-22	SLV_01	-70.06	0.16	0.51	SLV_02	-8.90	0.08	0.05
	2	R80x30-23	SLV_01	57.66	0.16	0.17	SLV_02	-8.90	0.08	0.02
	3	R80x30-22	SLV_01	101.50	0.16	0.73	SLV_02	-8.90	0.08	0.05
1622	1	R80x30-26	SLV_02	27.44	0.16	0.20	SLV_01	4.35	0.08	0.02
1623	1	R100x30-75	SLV_01	-119.71	0.21	0.65	SLV_02	-13.88	0.10	0.04
	2	R100x30-74	SLV_01	-72.68	0.21	0.16	SLV_02	-13.88	0.10	0.02
	3	R100x30-75	SLV_01	92.38	0.21	0.50	SLV_02	-13.88	0.10	0.04
1625	1	R100x30-78	SLV_01	-65.99	0.21	0.36	SLV_02	21.44	0.10	0.06
	2	R100x30-74	SLV_01	67.96	0.21	0.37	SLV_02	21.44	0.10	0.06
1626	1	R100x30-74	SLV_01	-99.41	0.21	0.54	SLV_02	9.03	0.10	0.03
1627	1	R100x30-74	SLV_01	-69.11	0.21	0.37	SLV_02	-21.15	0.10	0.06
	2	R100x30-78	SLV_01	65.29	0.21	0.35	SLV_02	-21.15	0.10	0.06
1629	1	R100x30-78	SLV_01	-87.04	0.21	0.47	SLV_02	13.90	0.10	0.04
	2	R100x30-74	SLV_01	72.24	0.21	0.16	SLV_02	13.90	0.10	0.02
	3	R100x30-75	SLV_01	126.36	0.21	0.69	SLV_02	13.90	0.10	0.04
1631	1	R100x30-75	SLV_01	-126.22	0.21	0.68	SLV_02	-14.07	0.10	0.04
	2	R100x30-74	SLV_01	-72.10	0.21	0.16	SLV_02	-14.07	0.10	0.02
	3	R100x30-78	SLV_01	86.77	0.21	0.47	SLV_02	-14.07	0.10	0.04
1633	1	R100x30-78	SLV_01	-64.18	0.21	0.35	SLV_02	21.02	0.10	0.06
	2	R100x30-74	SLV_01	71.39	0.21	0.39	SLV_02	21.02	0.10	0.06
1634	1	R100x30-74	SLV_01	100.31	0.21	0.54	SLV_02	-8.93	0.10	0.03
1635	1	R100x30-74	SLV_01	-69.55	0.21	0.38	SLV_02	-21.96	0.10	0.06
	2	R100x30-78	SLV_01	74.28	0.21	0.40	SLV_02	-21.96	0.10	0.06
1637	1	R100x30-75	SLV_01	-93.83	0.21	0.51	SLV_02	13.40	0.10	0.04
	2	R100x30-74	SLV_01	70.30	0.21	0.15	SLV_02	13.40	0.10	0.02
	3	R100x30-73	SLV_01	117.29	0.21	0.64	SLV_02	13.40	0.10	0.04
1638	1	R80x30-26	SLV_02	-27.04	0.16	0.20	SLV_01	-4.44	0.08	0.02
1640	1	R100x30-82	SLV_01	-50.88	0.21	0.28	SLV_02	17.70	0.10	0.05

1640	2	R100x30-67	SLV_01	61.73	0.21	0.33	SLV_02	17.70	0.10	0.05
1641	1	R100x30-67	SLV_01	-76.45	0.21	0.41	SLV_02	7.93	0.10	0.02
1642	1	R100x30-67	SLV_01	-70.50	0.21	0.38	SLV_02	18.32	0.10	0.05
	2	R100x30-82	SLV_01	53.46	0.21	0.29	SLV_02	18.32	0.10	0.05
1644	1	R100x30-82	SLV_01	-81.01	0.21	0.44	SLV_02	-10.67	0.10	0.03
	2	R100x30-67	SLV_01	47.90	0.21	0.10	SLV_02	-10.67	0.10	0.01
	3	R100x30-68	SLV_01	95.36	0.21	0.52	SLV_02	-10.67	0.10	0.03
1646	1	R100x30-68	SLV_01	-95.67	0.21	0.52	SLV_02	10.76	0.10	0.03
	2	R100x30-67	SLV_01	-48.21	0.21	0.10	SLV_02	10.76	0.10	0.01
	3	R100x30-82	SLV_01	81.29	0.21	0.44	SLV_02	10.76	0.10	0.03
1648	1	R100x30-82	SLV_01	-53.24	0.21	0.29	SLV_02	-18.30	0.10	0.05
	2	R100x30-67	SLV_01	71.39	0.21	0.39	SLV_02	-18.30	0.10	0.05
1649	1	R100x30-67	SLV_01	76.75	0.21	0.42	SLV_02	-7.87	0.10	0.02
1650	1	R100x30-67	SLV_01	-61.44	0.21	0.33	SLV_02	-17.74	0.10	0.05
	2	R100x30-82	SLV_01	51.18	0.21	0.28	SLV_02	-17.74	0.10	0.05
1664	1	R50x30-21	SLV_02	23.81	0.10	0.26	SLV_02	-3.05	0.10	0.02
	1	R50x30-25	SLV_02	44.27	0.10	0.48	SLV_02	-2.21	0.10	0.01
	2	R50x30-21	SLV_02	44.27	0.10	0.19	SLV_02	-2.21	0.10	0.01
1665	3	R50x30-26	SLV_02	44.27	0.10	0.48	SLV_02	-2.21	0.10	0.01
	1	R50x30-25	SLV_02	43.10	0.10	0.47	SLV_02	-2.04	0.10	0.01
	2	R50x30-21	SLV_02	43.10	0.10	0.19	SLV_02	-2.04	0.10	0.01
1666	3	R50x30-26	SLV_02	43.10	0.10	0.47	SLV_02	-2.04	0.10	0.01
	1	R50x30-25	SLV_02	39.06	0.10	0.42	SLV_02	-2.06	0.10	0.01
	2	R50x30-21	SLV_02	39.06	0.10	0.17	SLV_02	-2.06	0.10	0.01
1667	3	R50x30-26	SLV_02	39.06	0.10	0.42	SLV_02	-2.06	0.10	0.01
	1	R50x30-19	SLV_02	36.77	0.10	0.40	SLV_02	2.31	0.10	0.01
	1	R50x30-19	SLV_02	32.81	0.10	0.36	SLV_02	2.91	0.10	0.02
1670	1	R50x30-30	SLV_02	-52.99	0.10	0.57	SLV_02	1.89	0.10	0.01
	2	R50x30-19	SLV_02	-52.99	0.10	0.23	SLV_02	1.89	0.10	0.00
	3	R50x30-20	SLV_02	-52.99	0.10	0.57	SLV_02	1.89	0.10	0.01
1671	1	R50x30-19	SLV_02	-25.74	0.10	0.28	SLV_02	4.48	0.10	0.03
1672	1	R50x30-19	SLV_02	-23.41	0.10	0.25	SLV_02	-1.12	0.10	0.01
1673	1	R50x30-30	SLV_02	-52.58	0.10	0.57	SLV_02	-1.84	0.10	0.01
	2	R50x30-19	SLV_02	-52.58	0.10	0.23	SLV_02	-1.84	0.10	0.00
	3	R50x30-20	SLV_02	-52.58	0.10	0.57	SLV_02	-1.84	0.10	0.01
1674	1	R50x30-19	SLV_02	32.71	0.10	0.35	SLV_02	-2.89	0.10	0.02
1675	1	R50x30-19	SLV_02	36.87	0.10	0.40	SLV_02	-2.26	0.10	0.01
1676	1	R50x30-25	SLV_02	38.83	0.10	0.42	SLV_02	1.99	0.10	0.01
	2	R50x30-21	SLV_02	38.83	0.10	0.17	SLV_02	1.99	0.10	0.01
	3	R50x30-26	SLV_02	38.83	0.10	0.42	SLV_02	1.99	0.10	0.01
1677	1	R50x30-25	SLV_02	42.37	0.10	0.46	SLV_02	1.97	0.10	0.01
	2	R50x30-21	SLV_02	42.37	0.10	0.18	SLV_02	1.97	0.10	0.00
	3	R50x30-26	SLV_02	42.37	0.10	0.46	SLV_02	1.97	0.10	0.01
1678	1	R50x30-25	SLV_02	43.64	0.10	0.47	SLV_02	2.16	0.10	0.01
	2	R50x30-21	SLV_02	43.64	0.10	0.19	SLV_02	2.16	0.10	0.01
	3	R50x30-26	SLV_02	43.64	0.10	0.47	SLV_02	2.16	0.10	0.01
1679	1	R50x30-19	SLV_02	-25.26	0.10	0.27	SLV_02	2.90	0.10	0.02
1680	1	R30x80-2	SLV_02	-94.55	0.05	0.68	SLV_02	-3.52	0.05	0.04
1681	1	R30x80-2	SLV_02	-92.90	0.05	0.67	SLV_02	3.27	0.05	0.03

1682	1	R50x30-27	SLV_02	47.47	0.10	0.51	SLV_02	-5.05	0.10	0.03
	2	R50x30-21	SLV_02	47.47	0.10	0.21	SLV_02	-5.05	0.10	0.01
	3	R50x30-26	SLV_02	47.47	0.10	0.51	SLV_02	-5.05	0.10	0.03
1683	1	R50x30-26	SLV_02	-29.65	0.10	0.32	SLV_02	-3.02	0.10	0.02
	2	R50x30-21	SLV_02	-29.65	0.10	0.32	SLV_02	-3.02	0.10	0.02
1684	1	R50x30-21	SLV_02	25.39	0.10	0.28	SLV_02	-2.20	0.10	0.01
1685	1	R50x30-19	SLV_02	19.67	0.10	0.21	SLV_02	1.88	0.10	0.01
1686	1	R60x30-2	SLV_02	-26.14	0.16	0.19	SLV_02	2.26	0.08	0.01
1687	1	R60x30-2	SLV_02	-26.19	0.16	0.19	SLV_02	-2.22	0.08	0.01
1688	1	R50x30-19	SLV_02	19.68	0.10	0.21	SLV_02	-1.87	0.10	0.01
1689	1	R50x30-21	SLV_02	25.08	0.10	0.27	SLV_02	2.18	0.10	0.01
1690	1	R50x30-26	SLV_02	-29.31	0.10	0.32	SLV_02	2.94	0.10	0.02
	2	R50x30-21	SLV_02	-29.31	0.10	0.32	SLV_02	2.94	0.10	0.02
1691	1	R50x30-27	SLV_02	46.90	0.10	0.51	SLV_02	4.89	0.10	0.03
	2	R50x30-21	SLV_02	46.90	0.10	0.51	SLV_02	4.89	0.10	0.03
1692	1	R70x30-8	SLV_02	32.72	0.16	0.24	SLV_01	2.53	0.08	0.01
1693	1	R70x30-17	SLV_02	69.45	0.16	0.50	SLV_02	-5.24	0.08	0.03
1695	1	R70x30-8	SLV_01	-58.23	0.16	0.42	SLV_02	5.04	0.08	0.03
1697	1	R70x30-12	SLV_01	68.31	0.16	0.49	SLV_02	-5.24	0.08	0.03
1698	1	R70x30-12	SLV_01	-69.40	0.16	0.50	SLV_02	-4.83	0.08	0.03
	2	R70x30-13	SLV_01	67.19	0.16	0.49	SLV_02	-4.83	0.08	0.03
1700	1	R70x30-13	SLV_01	-67.26	0.16	0.49	SLV_02	4.84	0.08	0.03
	2	R70x30-12	SLV_01	69.69	0.16	0.50	SLV_02	4.84	0.08	0.03
1701	1	R70x30-8	SLV_01	-67.90	0.16	0.49	SLV_02	5.27	0.08	0.03
1703	1	R70x30-8	SLV_01	58.31	0.16	0.42	SLV_02	-4.97	0.08	0.03
1705	1	R70x30-8	SLV_02	-68.16	0.16	0.49	SLV_02	5.00	0.08	0.03
1706	1	R70x30-8	SLV_02	-32.45	0.16	0.23	SLV_01	-2.56	0.08	0.01
1707	1	R50x30-26	SLV_02	-59.77	0.10	0.65	SLV_02	-5.64	0.10	0.03
	2	R50x30-21	SLV_02	-59.74	0.10	0.65	SLV_02	-5.64	0.10	0.03
1708	1	R50x30-26	SLV_02	-59.36	0.10	0.64	SLV_02	5.48	0.10	0.03
	2	R50x30-21	SLV_02	-59.34	0.10	0.64	SLV_02	5.48	0.10	0.03
1709	1	R80x30-24	SLV_01	-104.13	0.21	0.56	SLV_02	-8.34	0.10	0.03
	2	R80x30-23	SLV_01	-60.20	0.16	0.17	SLV_02	-8.34	0.08	0.02
	3	R80x30-22	SLV_01	67.32	0.16	0.49	SLV_02	-8.34	0.08	0.04
1711	1	R80x30-22	SLV_01	-47.09	0.16	0.34	SLV_02	-13.33	0.08	0.07
	2	R80x30-23	SLV_01	59.61	0.16	0.43	SLV_02	-13.33	0.08	0.06
1712	1	R80x30-23	SLV_01	79.06	0.16	0.57	SLV_02	-5.23	0.08	0.03
1713	1	R80x30-23	SLV_01	-58.70	0.16	0.42	SLV_02	-12.74	0.08	0.06
	2	R80x30-22	SLV_01	47.90	0.16	0.35	SLV_02	-12.74	0.08	0.06
1715	1	R80x30-22	SLV_01	-66.29	0.16	0.48	SLV_02	-7.13	0.08	0.04
	2	R80x30-23	SLV_01	59.62	0.16	0.17	SLV_02	-7.13	0.08	0.01
	3	R80x30-24	SLV_01	103.26	0.21	0.56	SLV_02	-7.13	0.10	0.03
1717	1	R80x30-24	SLV_01	-103.46	0.21	0.56	SLV_02	7.60	0.10	0.03
	2	R80x30-23	SLV_01	-59.83	0.16	0.17	SLV_02	7.60	0.08	0.01
	3	R80x30-22	SLV_01	66.59	0.16	0.48	SLV_02	7.60	0.08	0.04
1719	1	R80x30-22	SLV_01	-47.31	0.16	0.34	SLV_02	13.82	0.08	0.07
	2	R80x30-23	SLV_01	60.49	0.16	0.44	SLV_02	13.82	0.08	0.07
1720	1	R80x30-23	SLV_01	79.46	0.16	0.57	SLV_02	5.59	0.08	0.03
1721	1	R80x30-23	SLV_01	-58.54	0.16	0.42	SLV_02	13.10	0.08	0.06

	2	R80x30-22	SLV_01	56.46	0.16	0.41	SLV_02	13.10	0.08	0.07
	1	R80x30-22	SLV_01	-69.59	0.16	0.50	SLV_02	10.58	0.08	0.05
1723	2	R80x30-23	SLV_01	58.86	0.16	0.17	SLV_02	10.58	0.08	0.02
	3	R80x30-24	SLV_01	102.69	0.21	0.56	SLV_02	10.58	0.10	0.04
1724	1	R80x30-26	SLV_02	27.99	0.16	0.20	SLV_02	4.41	0.08	0.02
	1	R100x30-75	SLV_01	-121.13	0.21	0.66	SLV_02	-12.90	0.10	0.04
1725	2	R100x30-74	SLV_01	-74.10	0.21	0.16	SLV_02	-12.90	0.10	0.02
	3	R100x30-75	SLV_01	90.94	0.21	0.49	SLV_02	-12.90	0.10	0.04
1727	1	R100x30-78	SLV_01	-62.31	0.21	0.34	SLV_02	18.32	0.10	0.05
	2	R100x30-74	SLV_01	68.62	0.21	0.37	SLV_02	18.32	0.10	0.05
1728	1	R100x30-74	SLV_01	-99.34	0.21	0.54	SLV_02	-7.29	0.10	0.02
1729	1	R100x30-74	SLV_01	-68.37	0.21	0.37	SLV_02	-16.94	0.10	0.05
	2	R100x30-78	SLV_01	62.53	0.21	0.34	SLV_02	-16.94	0.10	0.05
	1	R100x30-78	SLV_01	-85.05	0.21	0.46	SLV_02	10.84	0.10	0.03
1731	2	R100x30-74	SLV_01	73.47	0.21	0.16	SLV_02	10.84	0.10	0.01
	3	R100x30-75	SLV_01	127.59	0.21	0.69	SLV_02	10.84	0.10	0.03
	1	R100x30-75	SLV_01	-127.42	0.21	0.69	SLV_02	11.80	0.10	0.03
1733	2	R100x30-74	SLV_01	-73.30	0.21	0.16	SLV_02	11.80	0.10	0.01
	3	R100x30-78	SLV_01	84.73	0.21	0.46	SLV_02	11.80	0.10	0.03
1735	1	R100x30-78	SLV_01	-61.61	0.21	0.33	SLV_02	18.46	0.10	0.05
	2	R100x30-74	SLV_01	70.26	0.21	0.38	SLV_02	18.46	0.10	0.05
1736	1	R100x30-74	SLV_01	100.04	0.21	0.54	SLV_02	7.55	0.10	0.02
1737	1	R100x30-74	SLV_01	-71.77	0.21	0.39	SLV_02	16.24	0.10	0.05
	2	R100x30-78	SLV_01	74.34	0.21	0.40	SLV_02	16.24	0.10	0.05
	1	R100x30-75	SLV_01	-93.53	0.21	0.51	SLV_02	16.21	0.10	0.05
1739	2	R100x30-74	SLV_01	71.30	0.21	0.15	SLV_02	16.21	0.10	0.02
	3	R100x30-75	SLV_01	118.29	0.21	0.64	SLV_02	16.21	0.10	0.05
1740	1	R80x30-26	SLV_02	-27.42	0.16	0.20	SLV_01	-4.18	0.08	0.02
1742	1	R100x30-82	SLV_01	-45.89	0.21	0.25	SLV_02	14.85	0.10	0.04
	2	R100x30-67	SLV_01	65.95	0.21	0.36	SLV_02	14.85	0.10	0.04
1743	1	R100x30-67	SLV_01	-76.97	0.21	0.42	SLV_02	-6.44	0.10	0.02
1744	1	R100x30-67	SLV_01	-72.74	0.21	0.39	SLV_02	-14.25	0.10	0.04
	2	R100x30-82	SLV_01	49.37	0.21	0.27	SLV_02	-14.25	0.10	0.04
	1	R100x30-82	SLV_01	-79.93	0.21	0.43	SLV_02	-8.72	0.10	0.02
1746	2	R100x30-67	SLV_01	47.82	0.21	0.10	SLV_02	-8.72	0.10	0.01
	3	R100x30-68	SLV_01	95.28	0.21	0.52	SLV_02	-8.72	0.10	0.03
	1	R100x30-68	SLV_01	-95.55	0.21	0.52	SLV_02	9.38	0.10	0.03
1748	2	R100x30-67	SLV_01	-48.09	0.21	0.10	SLV_02	9.38	0.10	0.01
	3	R100x30-82	SLV_01	80.16	0.21	0.43	SLV_02	9.38	0.10	0.03
1750	1	R100x30-82	SLV_01	-48.75	0.21	0.26	SLV_02	15.31	0.10	0.04
	2	R100x30-67	SLV_01	73.25	0.21	0.40	SLV_02	15.31	0.10	0.04
1751	1	R100x30-67	SLV_01	77.20	0.21	0.42	SLV_02	6.63	0.10	0.02
1752	1	R100x30-67	SLV_01	-65.30	0.21	0.35	SLV_02	-13.80	0.10	0.04
	2	R100x30-82	SLV_01	46.00	0.21	0.25	SLV_02	-13.80	0.10	0.04
1766	1	R50x30-19	SLV_02	26.24	0.10	0.28	SLV_02	2.69	0.10	0.02
1767	1	R50x30-28	SLV_02	46.33	0.10	0.50	SLV_02	-2.03	0.10	0.01
1768	1	R50x30-28	SLV_02	45.75	0.10	0.50	SLV_02	1.74	0.10	0.01
	1	R50x30-25	SLV_02	41.61	0.10	0.45	SLV_02	1.63	0.10	0.01
1769	2	R50x30-21	SLV_02	41.61	0.10	0.18	SLV_02	1.63	0.10	0.00

	3	R50x30-26	SLV_02	41.61	0.10	0.45	SLV_02	1.63	0.10	0.01
1770	1	R50x30-19	SLV_02	37.91	0.10	0.41	SLV_02	1.69	0.10	0.01
1771	1	R50x30-19	SLV_02	34.07	0.10	0.37	SLV_02	2.27	0.10	0.01
	1	R50x30-30	SLV_02	-54.21	0.10	0.59	SLV_02	1.71	0.10	0.01
1772	2	R50x30-19	SLV_02	-54.21	0.10	0.24	SLV_02	1.71	0.10	0.00
	3	R50x30-20	SLV_02	-54.21	0.10	0.59	SLV_02	1.71	0.10	0.01
1773	1	R50x30-21	SLV_02	-25.89	0.10	0.28	SLV_02	-3.96	0.10	0.02
1774	1	R50x30-21	SLV_02	-23.95	0.10	0.26	SLV_02	1.39	0.10	0.01
	1	R50x30-30	SLV_02	-53.85	0.10	0.58	SLV_02	-1.68	0.10	0.01
1775	2	R50x30-19	SLV_02	-53.85	0.10	0.23	SLV_02	-1.68	0.10	0.00
	3	R50x30-20	SLV_02	-53.85	0.10	0.58	SLV_02	-1.68	0.10	0.01
1776	1	R50x30-19	SLV_02	33.80	0.10	0.37	SLV_02	-2.37	0.10	0.01
1777	1	R50x30-19	SLV_02	37.45	0.10	0.41	SLV_02	-1.82	0.10	0.01
	1	R50x30-25	SLV_02	40.70	0.10	0.44	SLV_02	-1.70	0.10	0.01
1778	2	R50x30-21	SLV_02	40.70	0.10	0.18	SLV_02	-1.70	0.10	0.00
	3	R50x30-26	SLV_02	40.70	0.10	0.44	SLV_02	-1.70	0.10	0.01
1779	1	R50x30-28	SLV_02	43.98	0.10	0.48	SLV_02	-1.66	0.10	0.01
1780	1	R50x30-28	SLV_02	46.62	0.10	0.51	SLV_02	1.88	0.10	0.01
1781	1	R50x30-19	SLV_02	-26.70	0.10	0.29	SLV_02	2.78	0.10	0.02
1782	1	R30x80-2	SLV_02	-98.13	0.05	0.71	SLV_02	-3.27	0.05	0.03
1783	1	R30x80-2	SLV_02	-95.37	0.05	0.69	SLV_02	-3.52	0.05	0.04
1784	1	R50x30-28	SLV_02	50.99	0.10	0.55	SLV_02	-4.15	0.10	0.02
	1	R50x30-27	SLV_02	-31.49	0.10	0.34	SLV_02	2.44	0.10	0.01
1785	2	R50x30-21	SLV_02	-31.49	0.10	0.34	SLV_02	2.44	0.10	0.01
1786	1	R50x30-19	SLV_02	27.10	0.10	0.29	SLV_02	1.63	0.10	0.01
1787	1	R50x30-19	SLV_02	21.72	0.10	0.24	SLV_02	1.51	0.10	0.01
1788	1	R60x30-2	SLV_02	-27.27	0.16	0.20	SLV_02	1.95	0.08	0.01
1789	1	R60x30-2	SLV_02	-27.35	0.16	0.20	SLV_02	-1.91	0.08	0.01
1790	1	R50x30-19	SLV_02	21.65	0.10	0.23	SLV_02	-1.57	0.10	0.01
1791	1	R50x30-19	SLV_02	26.64	0.10	0.29	SLV_02	-1.76	0.10	0.01
	1	R50x30-26	SLV_02	-30.76	0.10	0.33	SLV_02	-2.52	0.10	0.02
1792	2	R50x30-21	SLV_02	-30.76	0.10	0.33	SLV_02	-2.52	0.10	0.02
1793	1	R50x30-28	SLV_02	48.69	0.10	0.53	SLV_02	-4.08	0.10	0.02
1794	1	R70x30-8	SLV_02	33.18	0.16	0.24	SLV_02	2.54	0.08	0.01
1795	1	R70x30-9	SLV_02	70.63	0.16	0.51	SLV_02	-4.70	0.08	0.03
1797	1	R70x30-9	SLV_01	-58.55	0.16	0.42	SLV_02	-4.00	0.08	0.02
1799	1	R70x30-12	SLV_01	68.42	0.16	0.49	SLV_02	-4.28	0.08	0.02
	1	R70x30-12	SLV_01	-70.25	0.16	0.51	SLV_02	-4.07	0.08	0.02
1800	2	R70x30-13	SLV_01	66.60	0.16	0.48	SLV_02	-4.07	0.08	0.02
	1	R70x30-13	SLV_01	-66.61	0.16	0.48	SLV_02	4.28	0.08	0.03
1802	2	R70x30-12	SLV_01	70.55	0.16	0.51	SLV_02	4.28	0.08	0.02
1803	1	R70x30-9	SLV_01	-67.93	0.16	0.49	SLV_02	4.65	0.08	0.03
1805	1	R70x30-9	SLV_01	58.57	0.16	0.42	SLV_02	4.16	0.08	0.02
1807	1	R70x30-9	SLV_02	-69.20	0.16	0.50	SLV_02	5.58	0.08	0.03
1808	1	R70x30-8	SLV_02	-32.73	0.16	0.24	SLV_01	-2.48	0.08	0.01
1809	1	R50x30-28	SLV_02	-59.09	0.10	0.64	SLV_02	-4.96	0.10	0.03
1810	1	R50x30-28	SLV_02	-57.93	0.10	0.63	SLV_02	-4.54	0.10	0.03
	1	R80x30-27	SLV_01	-50.86	0.16	0.37	SLV_02	-16.94	0.08	0.09
1811	2	R80x30-28	SLV_01	44.45	0.16	0.13	SLV_02	-16.94	0.08	0.03

	3	R80x30-27	SLV_01	79.53	0.16	0.58	SLV_02	-16.94	0.08	0.09
1812	1	R80x30-30	SLV_01	-113.79	0.21	0.62	SLV_02	-12.79	0.10	0.05
	2	R80x30-31	SLV_01	-63.51	0.16	0.18	SLV_02	-12.79	0.08	0.02
	3	R80x30-32	SLV_01	76.26	0.16	0.55	SLV_02	-12.79	0.08	0.06
1814	1	R80x30-32	SLV_01	-47.58	0.16	0.34	SLV_02	-22.97	0.08	0.12
	2	R80x30-31	SLV_01	60.76	0.16	0.44	SLV_02	-22.97	0.08	0.11
1815	1	R80x30-31	SLV_01	87.57	0.16	0.63	SLV_02	-8.79	0.08	0.04
1816	1	R80x30-31	SLV_01	-59.85	0.16	0.43	SLV_02	22.18	0.08	0.11
	2	R80x30-32	SLV_01	47.71	0.16	0.34	SLV_02	22.18	0.08	0.11
1818	1	R80x30-32	SLV_01	-74.19	0.16	0.54	SLV_02	-12.32	0.08	0.06
	2	R80x30-31	SLV_01	60.70	0.16	0.18	SLV_02	-12.32	0.08	0.02
	3	R80x30-30	SLV_01	110.63	0.21	0.60	SLV_02	-12.32	0.10	0.04
182	1	R50x30-21	SLV_02	-6.66	0.10	0.07	SLV_01	-0.94	0.10	0.01
1820	1	R80x30-30	SLV_01	-110.65	0.21	0.60	SLV_02	12.59	0.10	0.05
	2	R80x30-31	SLV_01	-60.72	0.16	0.18	SLV_02	12.59	0.08	0.02
	3	R80x30-32	SLV_01	74.66	0.16	0.54	SLV_02	12.59	0.08	0.06
1822	1	R80x30-32	SLV_01	-45.85	0.16	0.33	SLV_02	-23.94	0.08	0.12
	2	R80x30-31	SLV_01	61.22	0.16	0.44	SLV_02	-23.94	0.08	0.12
1823	1	R80x30-31	SLV_01	87.62	0.16	0.63	SLV_02	7.96	0.08	0.04
1824	1	R80x30-38	SLV_01	-78.76	0.16	0.57	SLV_02	16.75	0.08	0.09
	2	R80x30-39	SLV_01	-43.68	0.16	0.13	SLV_02	16.75	0.08	0.03
	3	R80x30-38	SLV_01	51.30	0.16	0.37	SLV_02	16.75	0.08	0.09
1826	1	R80x30-41	SLV_01	-61.29	0.16	0.44	SLV_02	15.27	0.08	0.07
	2	R80x30-42	SLV_01	98.09	0.21	0.53	SLV_02	15.27	0.10	0.06
1827	1	R80x30-26	SLV_02	32.28	0.16	0.23	SLV_02	6.91	0.08	0.03
1828	1	R100x30-84	SLV_01	-147.68	0.31	0.53	SLV_02	-21.20	0.16	0.04
	2	R100x30-85	SLV_01	-80.66	0.21	0.17	SLV_02	-21.20	0.10	0.03
	3	R100x30-86	SLV_01	124.65	0.21	0.68	SLV_02	-21.20	0.10	0.06
1830	1	R100x30-92	SLV_01	-80.48	0.21	0.44	SLV_02	-34.61	0.10	0.10
	2	R100x30-85	SLV_01	73.25	0.21	0.40	SLV_02	-34.61	0.10	0.10
1831	1	R100x30-93	SLV_01	-129.21	0.23	0.65	SLV_02	-14.30	0.11	0.04
1832	1	R100x30-85	SLV_01	-80.48	0.21	0.44	SLV_02	33.32	0.10	0.10
	2	R100x30-94	SLV_01	72.90	0.21	0.40	SLV_02	33.32	0.10	0.10
1834	1	R100x30-86	SLV_02	-100.45	0.21	0.54	SLV_02	20.90	0.10	0.06
	2	R100x30-85	SLV_02	79.43	0.21	0.17	SLV_02	20.90	0.10	0.03
	3	R100x30-84	SLV_02	144.17	0.31	0.52	SLV_02	20.90	0.16	0.04
1836	1	R100x30-84	SLV_02	-143.84	0.31	0.52	SLV_02	-21.49	0.16	0.04
	2	R100x30-85	SLV_02	-79.09	0.21	0.17	SLV_02	-21.49	0.10	0.03
	3	R100x30-86	SLV_02	100.33	0.21	0.54	SLV_02	-21.49	0.10	0.06
1838	1	R100x30-94	SLV_01	-71.67	0.21	0.39	SLV_02	-34.44	0.10	0.10
	2	R100x30-85	SLV_01	83.87	0.21	0.45	SLV_02	-34.44	0.10	0.10
1839	1	R100x30-93	SLV_01	130.15	0.23	0.65	SLV_02	14.16	0.11	0.04
1840	1	R80x30-38	SLV_01	-30.69	0.16	0.22	SLV_02	35.60	0.08	0.18
	2	R80x30-39	SLV_01	32.84	0.16	0.24	SLV_02	35.60	0.08	0.17
1841	1	R80x30-39	SLV_01	62.98	0.16	0.46	SLV_02	13.68	0.08	0.07
1842	1	R100x30-72	SLV_01	-98.69	0.21	0.54	SLV_02	27.08	0.10	0.08
	2	R100x30-98	SLV_01	124.46	0.21	0.67	SLV_02	27.08	0.10	0.08
1843	1	R80x30-26	SLV_02	-29.91	0.16	0.22	SLV_01	-6.79	0.08	0.03
1845	1	R100x30-100	SLV_01	-43.56	0.21	0.24	SLV_02	-23.40	0.10	0.07

1845	2	R100x30-99	SLV_01	42.07	0.21	0.23	SLV_02	-23.40	0.10	0.07
1846	1	R100x30-99	SLV_01	78.49	0.21	0.43	SLV_02	9.78	0.10	0.03
1847	1	R100x30-99	SLV_01	-66.22	0.21	0.36	SLV_02	27.55	0.10	0.08
	2	R100x30-100	SLV_01	40.18	0.21	0.22	SLV_02	27.55	0.10	0.08
1848	1	R70x30-8	SLV_02	-24.98	0.16	0.18	SLV_01	-3.50	0.08	0.02
1849	1	R100x30-100	SLV_01	-89.01	0.21	0.48	SLV_02	15.67	0.10	0.05
	2	R100x30-99	SLV_01	51.53	0.21	0.11	SLV_02	15.67	0.10	0.02
	3	R100x30-104	SLV_01	106.84	0.21	0.58	SLV_02	15.67	0.10	0.04
1851	1	R100x30-104	SLV_01	-107.02	0.21	0.58	SLV_02	-16.40	0.10	0.05
	2	R100x30-99	SLV_01	-51.72	0.21	0.11	SLV_02	-16.40	0.10	0.02
	3	R100x30-100	SLV_01	89.74	0.21	0.49	SLV_02	-16.40	0.10	0.05
1853	1	R100x30-100	SLV_01	-39.30	0.21	0.21	SLV_02	-29.64	0.10	0.09
	2	R100x30-99	SLV_01	66.93	0.21	0.36	SLV_02	-29.64	0.10	0.08
1854	1	R100x30-99	SLV_01	-78.31	0.21	0.42	SLV_02	11.70	0.10	0.03
1855	1	R100x30-99	SLV_01	-41.00	0.21	0.22	SLV_02	31.06	0.10	0.09
	2	R100x30-104	SLV_01	42.64	0.21	0.23	SLV_02	31.06	0.10	0.09
1867	1	R80x30-39	SLV_02	-55.83	0.16	0.40	SLV_02	-37.98	0.08	0.18
1869	1	R50x30-21	SLV_02	24.31	0.10	0.26	SLV_02	4.40	0.10	0.03
1870	1	R50x30-28	SLV_02	44.40	0.10	0.48	SLV_02	3.54	0.10	0.02
1871	1	R50x30-28	SLV_02	42.13	0.10	0.46	SLV_02	3.09	0.10	0.02
1872	1	R50x30-25	SLV_02	37.91	0.10	0.41	SLV_02	-2.84	0.10	0.02
	2	R50x30-21	SLV_02	37.91	0.10	0.16	SLV_02	-2.84	0.10	0.01
	3	R50x30-26	SLV_02	37.91	0.10	0.41	SLV_02	-2.84	0.10	0.02
1873	1	R50x30-25	SLV_02	39.82	0.10	0.43	SLV_02	-2.94	0.10	0.02
	2	R50x30-21	SLV_02	39.82	0.10	0.17	SLV_02	-2.94	0.10	0.01
	3	R50x30-26	SLV_02	39.82	0.10	0.43	SLV_02	-2.94	0.10	0.02
1874	1	R50x30-19	SLV_02	35.79	0.10	0.39	SLV_02	-4.09	0.10	0.02
1875	1	R50x30-51	SLV_02	-54.51	0.10	0.59	SLV_02	2.96	0.10	0.02
	2	R50x30-52	SLV_02	-54.51	0.10	0.24	SLV_02	2.96	0.10	0.01
	3	R50x30-53	SLV_02	-54.51	0.10	0.59	SLV_02	2.96	0.10	0.02
1876	1	R50x30-19	SLV_02	-32.00	0.10	0.35	SLV_02	8.24	0.10	0.05
1877	1	R50x30-19	SLV_02	-23.91	0.10	0.26	SLV_02	2.48	0.10	0.01
1878	1	R50x30-51	SLV_02	-54.28	0.10	0.59	SLV_02	-3.22	0.10	0.02
	2	R50x30-52	SLV_02	-54.28	0.10	0.24	SLV_02	-3.22	0.10	0.01
	3	R50x30-53	SLV_02	-54.28	0.10	0.59	SLV_02	-3.22	0.10	0.02
1879	1	R50x30-19	SLV_02	35.73	0.10	0.39	SLV_02	4.44	0.10	0.03
1880	1	R50x30-25	SLV_02	40.55	0.10	0.44	SLV_02	3.11	0.10	0.02
	2	R50x30-21	SLV_02	40.55	0.10	0.18	SLV_02	3.11	0.10	0.01
	3	R50x30-26	SLV_02	40.55	0.10	0.44	SLV_02	3.11	0.10	0.02
1881	1	R50x30-28	SLV_02	37.85	0.10	0.41	SLV_02	3.08	0.10	0.02
1882	1	R50x30-28	SLV_02	41.71	0.10	0.45	SLV_02	-3.55	0.10	0.02
1883	1	R50x30-19	SLV_02	34.59	0.10	0.38	SLV_02	-3.28	0.10	0.02
1884	1	R50x30-21	SLV_02	-16.21	0.10	0.18	SLV_02	-4.15	0.10	0.02
1885	1	R30x80-2	SLV_02	-92.24	0.05	0.67	SLV_02	5.10	0.05	0.05
1886	1	R30x80-2	SLV_02	-79.29	0.05	0.57	SLV_02	-5.73	0.05	0.06
1887	1	R50x30-28	SLV_02	35.08	0.10	0.38	SLV_02	-5.54	0.10	0.03
1888	1	R50x30-26	SLV_02	-24.90	0.10	0.27	SLV_02	-3.83	0.10	0.02
	2	R50x30-21	SLV_02	-24.90	0.10	0.27	SLV_02	-3.83	0.10	0.02
1889	1	R50x30-19	SLV_02	26.59	0.10	0.29	SLV_02	-2.83	0.10	0.02

1890	1	R50x30-19	SLV_02	19.80	0.10	0.21	SLV_02	-2.66	0.10	0.02
1891	1	R60x30-2	SLV_02	-24.14	0.16	0.17	SLV_02	-3.32	0.08	0.02
1892	1	R60x30-2	SLV_02	-24.28	0.16	0.18	SLV_02	3.74	0.08	0.02
1893	1	R50x30-19	SLV_02	19.86	0.10	0.22	SLV_02	2.87	0.10	0.02
1894	1	R50x30-19	SLV_02	26.43	0.10	0.29	SLV_02	3.04	0.10	0.02
1895	1	R50x30-28	SLV_02	-24.36	0.10	0.26	SLV_02	4.02	0.10	0.02
1896	1	R50x30-28	SLV_02	32.42	0.10	0.35	SLV_02	6.05	0.10	0.04
1897	1	R70x30-8	SLV_02	35.36	0.16	0.26	SLV_02	3.80	0.08	0.02
1898	1	R70x30-9	SLV_02	62.44	0.16	0.45	SLV_02	-6.24	0.08	0.03
1900	1	R70x30-8	SLV_01	-46.54	0.16	0.34	SLV_02	5.27	0.08	0.03
1902	1	R70x30-12	SLV_01	59.58	0.16	0.43	SLV_02	6.23	0.08	0.03
1903	1	R70x30-12	SLV_01	-58.71	0.16	0.42	SLV_02	6.25	0.08	0.03
	2	R70x30-13	SLV_01	60.61	0.16	0.44	SLV_02	6.25	0.08	0.04
1905	1	R70x30-13	SLV_01	-60.56	0.16	0.44	SLV_02	-6.61	0.08	0.04
	2	R70x30-12	SLV_01	58.92	0.16	0.43	SLV_02	-6.61	0.08	0.04
1906	1	R70x30-8	SLV_01	-59.24	0.16	0.43	SLV_02	-6.51	0.08	0.04
1908	1	R70x30-8	SLV_01	46.48	0.16	0.34	SLV_02	-5.86	0.08	0.03
1910	1	R70x30-9	SLV_02	-59.83	0.16	0.43	SLV_02	8.86	0.08	0.05
1912	1	R50x30-28	SLV_02	-44.44	0.10	0.48	SLV_02	6.60	0.10	0.04
1913	1	R50x30-19	SLV_02	-42.77	0.10	0.46	SLV_02	-7.23	0.10	0.04
1914	1	R80x30-40	SLV_01	35.98	0.16	0.26	SLV_02	-20.02	0.08	0.10
	2	R80x30-39	SLV_01	35.98	0.16	0.26	SLV_02	-20.02	0.08	0.10
1916	1	R100x30-114	SLV_01	-98.89	0.21	0.54	SLV_02	-26.86	0.10	0.08
	2	R100x30-110	SLV_01	-63.57	0.21	0.14	SLV_02	-26.86	0.10	0.03
	3	R100x30-114	SLV_01	57.46	0.21	0.31	SLV_02	-26.86	0.10	0.08
1918	1	R100x30-110	SLV_01	-29.05	0.21	0.16	SLV_02	55.92	0.10	0.16
	2	R100x30-113	SLV_01	37.89	0.21	0.21	SLV_02	55.92	0.10	0.16
1919	1	R100x30-113	SLV_01	-101.84	0.21	0.55	SLV_02	-19.58	0.10	0.06
	2	R100x30-110	SLV_01	-42.72	0.21	0.09	SLV_02	-19.58	0.10	0.02
	3	R100x30-116	SLV_01	99.89	0.21	0.54	SLV_02	-19.58	0.10	0.06
1920	1	R100x30-110	SLV_01	-41.20	0.21	0.22	SLV_02	-49.50	0.10	0.14
	2	R100x30-111	SLV_01	61.79	0.21	0.34	SLV_02	-49.50	0.10	0.15
1922	1	R100x30-111	SLV_02	-90.72	0.21	0.49	SLV_02	25.09	0.10	0.07
	2	R100x30-110	SLV_02	64.77	0.21	0.14	SLV_02	25.09	0.10	0.03
	3	R100x30-109	SLV_02	123.89	0.21	0.67	SLV_02	25.09	0.10	0.07
1923	1	R100x30-109	SLV_02	-123.25	0.21	0.67	SLV_02	-24.95	0.10	0.07
	2	R100x30-110	SLV_02	-64.13	0.21	0.14	SLV_02	-24.95	0.10	0.03
	3	R100x30-111	SLV_02	90.35	0.21	0.49	SLV_02	-24.95	0.10	0.07
1925	1	R100x30-111	SLV_01	-62.93	0.21	0.34	SLV_02	51.90	0.10	0.15
	2	R100x30-110	SLV_01	44.44	0.21	0.24	SLV_02	51.90	0.10	0.15
1926	1	R100x30-110	SLV_01	-97.68	0.21	0.53	SLV_02	21.21	0.10	0.06
	2	R100x30-114	SLV_01	103.63	0.21	0.56	SLV_02	21.21	0.10	0.06
1927	1	R100x30-114	SLV_01	-64.97	0.21	0.35	SLV_02	-55.23	0.10	0.16
	2	R100x30-110	SLV_01	-44.02	0.21	0.24	SLV_02	-55.23	0.10	0.16
1929	1	R100x30-115	SLV_01	52.36	0.21	0.28	SLV_02	42.91	0.10	0.12
	2	R100x30-110	SLV_01	52.36	0.21	0.11	SLV_02	42.91	0.10	0.05
	3	R100x30-114	SLV_01	52.36	0.21	0.28	SLV_02	42.91	0.10	0.12
1933	1	R100x30-106	SLV_01	51.64	0.21	0.28	SLV_02	21.43	0.10	0.06
1935	1	R100x30-106	SLV_01	-51.79	0.21	0.28	SLV_02	-21.84	0.10	0.06

1938	1	R40x30-3	SLV_02	45.52	0.08	0.66	SLV_02	16.62	0.08	0.17
1939	1	R40x30-3	SLV_02	44.77	0.08	0.65	SLV_02	16.26	0.08	0.17
1940	1	R40x30-4	SLV_01	-26.93	0.08	0.39	SLV_01	-7.46	0.08	0.08
1941	1	R40x30-4	SLV_02	-22.71	0.08	0.33	SLV_02	-6.91	0.08	0.07
1961	1	R70x30-15	SLV_02	-36.94	0.16	0.27	SLV_01	7.25	0.08	0.04
1962	1	R70x30-15	SLV_02	-32.07	0.16	0.23	SLV_02	10.41	0.08	0.06
1963	1	R70x30-8	SLV_02	49.72	0.16	0.36	SLV_02	9.72	0.08	0.05
1964	1	R70x30-8	SLV_02	42.38	0.16	0.31	SLV_02	11.19	0.08	0.06
1965	1	R70x30-13	SLV_02	-70.10	0.16	0.51	SLV_02	-7.35	0.08	0.04
	2	R70x30-12	SLV_02	-70.10	0.16	0.20	SLV_02	-7.35	0.08	0.02
	3	R70x30-16	SLV_02	-70.10	0.16	0.51	SLV_02	-7.35	0.08	0.04
1966	1	R70x30-13	SLV_02	-69.86	0.16	0.51	SLV_02	6.67	0.08	0.04
	2	R70x30-12	SLV_02	-69.86	0.16	0.20	SLV_02	6.67	0.08	0.01
	3	R70x30-16	SLV_02	-69.86	0.16	0.51	SLV_02	6.67	0.08	0.04
1967	1	R70x30-8	SLV_02	42.79	0.16	0.31	SLV_02	-11.91	0.08	0.07
1968	1	R70x30-9	SLV_02	52.97	0.16	0.38	SLV_02	-10.49	0.08	0.06
1972	1	R50x30-19	SLV_01	65.19	0.10	0.71	SLV_01	46.90	0.10	0.28
1973	1	R50x30-19	SLV_01	65.91	0.10	0.71	SLV_01	46.11	0.10	0.28
1974	1	R50x30-19	SLV_01	-57.19	0.10	0.62	SLV_01	9.08	0.10	0.05
1975	1	R50x30-19	SLV_01	-56.85	0.10	0.62	SLV_01	-9.76	0.10	0.06
1976	1	R50x30-21	SLV_02	-19.83	0.10	0.22	SLV_01	-14.81	0.10	0.09
1977	1	R40x30-4	SLV_02	39.77	0.08	0.58	SLV_01	-15.86	0.08	0.16
1978	1	R40x30-4	SLV_02	42.54	0.08	0.62	SLV_01	-14.92	0.08	0.15
1979	1	R40x30-4	SLV_02	-23.63	0.08	0.34	SLV_01	6.60	0.08	0.07
1980	1	R40x30-4	SLV_01	-27.91	0.08	0.40	SLV_01	6.88	0.08	0.07
1981	1	L80x145-35	SLV_01	150.16	0.05	0.58	SLV_02	23.30	0.05	0.20
1985	1	R30x130-12	SLV_01	237.82	0.06	0.86	SLV_02	2.73	0.06	0.02
1988	1	R30x130-13	SLV_01	280.93	0.08	0.85	SLV_02	-2.06	0.08	0.01
1991	1	R30x130-13	SLV_01	296.00	0.08	0.89	SLV_02	2.40	0.08	0.02
1994	1	R30x130-17	SLV_01	301.73	0.08	0.91	SLV_02	3.08	0.08	0.02
1997	1	R30x130-17	SLV_01	302.47	0.08	0.91	SLV_02	3.49	0.08	0.02
2000	1	R30x130-17	SLV_01	-287.51	0.08	0.87	SLV_02	3.70	0.08	0.03
2002	1	R30x130-11	SLV_01	80.68	0.05	0.35	SLV_02	2.49	0.05	0.02
2003	1	R30x130-11	SLV_01	147.87	0.05	0.64	SLV_02	3.22	0.05	0.02
2004	1	R30x130-11	SLV_01	85.92	0.05	0.37	SLV_02	-3.19	0.05	0.02
2005	1	R30x130-11	SLV_01	155.04	0.05	0.67	SLV_02	-4.10	0.05	0.03
2006	1	R30x130-16	SLV_01	87.51	0.05	0.38	SLV_02	-3.91	0.05	0.03
2007	1	R30x130-16	SLV_01	157.79	0.05	0.68	SLV_02	-5.37	0.05	0.03
2008	1	R30x130-11	SLV_01	-148.41	0.05	0.64	SLV_02	-3.24	0.05	0.02
2009	1	R30x130-11	SLV_01	-80.85	0.05	0.35	SLV_02	-2.45	0.05	0.02
2010	1	R30x130-11	SLV_01	-155.61	0.05	0.68	SLV_02	4.12	0.05	0.03
2011	1	R30x130-11	SLV_01	-86.12	0.05	0.37	SLV_02	3.19	0.05	0.02
2012	1	R30x130-16	SLV_01	-158.23	0.05	0.69	SLV_02	5.42	0.05	0.03
2013	1	R30x130-16	SLV_01	-87.89	0.05	0.38	SLV_02	3.92	0.05	0.03
2014	1	R30x130-16	SLV_01	-157.32	0.05	0.68	SLV_02	6.31	0.05	0.04
2015	1	R30x130-16	SLV_01	85.32	0.05	0.37	SLV_02	4.32	0.05	0.03
2016	1	R30x130-11	SLV_01	-124.38	0.05	0.54	SLV_02	-4.41	0.05	0.03
2017	1	R30x130-11	SLV_01	-65.53	0.05	0.28	SLV_02	3.35	0.05	0.02
2018	1	R30x130-16	SLV_01	-148.83	0.05	0.65	SLV_02	6.40	0.05	0.04

2019	1	R30x130-16	SLV_01	-78.81	0.05	0.34	SLV_02	-5.34	0.05	0.04
2020	1	R30x130-16	SLV_01	-85.09	0.05	0.37	SLV_02	-4.33	0.05	0.03
2021	1	R30x130-16	SLV_01	156.90	0.05	0.68	SLV_02	-6.29	0.05	0.04
2022	1	R30x130-16	SLV_01	78.04	0.05	0.34	SLV_02	5.36	0.05	0.04
2023	1	R30x130-16	SLV_01	148.65	0.05	0.64	SLV_02	-6.41	0.05	0.04
2024	1	R30x130-11	SLV_01	65.07	0.05	0.28	SLV_02	-3.36	0.05	0.02
2025	1	R30x130-11	SLV_01	123.94	0.05	0.54	SLV_02	4.19	0.05	0.03
2026	1	R30x90-5	SLV_02	-140.48	0.05	0.90	SLV_02	-10.11	0.05	0.10
2027	1	R30x90-6	SLV_02	174.73	0.06	0.93	SLV_02	-9.33	0.06	0.10
2028	1	R30x90-5	SLV_02	23.06	0.05	0.15	SLV_02	7.42	0.05	0.08
2029	1	R30x90-5	SLV_02	-36.91	0.05	0.24	SLV_02	6.14	0.05	0.06
2030	1	R30x90-5	SLV_02	-36.37	0.05	0.23	SLV_02	-7.84	0.05	0.07
2032	1	R30x90-6	SLV_02	157.22	0.06	0.84	SLV_02	9.45	0.06	0.10
2035	1	R30x90-5	SLV_02	-35.96	0.05	0.23	SLV_02	7.65	0.05	0.07
2047	1	R30x90-8	SLV_02	-30.45	0.05	0.19	SLV_02	6.86	0.05	0.07
2048	1	R30x90-8	SLV_02	9.46	0.05	0.06	SLV_02	8.34	0.05	0.07
2049	1	R30x90-8	SLV_02	-22.84	0.05	0.15	SLV_02	-13.11	0.05	0.12
2053	1	R30x90-8	SLV_02	-21.77	0.05	0.14	SLV_02	12.43	0.05	0.12
2055	1	R30x30-2	SLV_02	-57.21	0.08	0.83	SLV_02	-8.37	0.08	0.12
2056	1	R30x30-2	SLV_02	58.38	0.08	0.84	SLV_02	8.43	0.08	0.12
2060	1	R100x35-65	SLV_01	-26.08	0.21	0.12	SLV_02	-17.50	0.10	0.05
2061	1	R100x35-65	SLV_01	26.17	0.21	0.12	SLV_02	17.20	0.10	0.05
2062	1	R100x35-148	SLV_01	-78.21	0.21	0.35	SLV_02	-22.06	0.10	0.06
2063	1	R100x35-148	SLV_01	70.06	0.21	0.32	SLV_02	-31.47	0.10	0.09
	2	R100x35-149	SLV_01	98.78	0.21	0.45	SLV_02	-31.47	0.10	0.09
2064	1	R60x80-75	SLV_01	-299.43	0.18	0.63	SLV_02	-30.39	0.09	0.17
	2	R60x80-76	SLV_01	-264.72	0.15	0.66	SLV_02	-30.39	0.08	0.19
2065	1	R60x80-77	SLV_01	-77.35	0.10	0.28	SLV_02	11.79	0.05	0.07
	2	R60x80-78	SLV_01	154.88	0.10	0.56	SLV_02	11.79	0.05	0.07
	3	R60x80-79	SLV_01	217.08	0.13	0.65	SLV_02	11.79	0.06	0.07
2066	1	R60x80-80	SLV_01	-217.80	0.13	0.66	SLV_02	-11.83	0.06	0.07
	2	R60x80-81	SLV_01	-155.61	0.10	0.56	SLV_02	-11.83	0.05	0.07
	3	R60x80-82	SLV_01	78.85	0.10	0.29	SLV_02	-11.83	0.05	0.07
2067	1	R60x80-83	SLV_01	268.07	0.15	0.67	SLV_02	29.98	0.08	0.19
	2	R60x80-84	SLV_01	302.77	0.18	0.63	SLV_02	29.98	0.09	0.17
2068	1	R120x35-20	SLV_01	-129.21	0.21	0.58	SLV_02	-37.52	0.10	0.10
2069	1	R120x35-20	SLV_01	129.65	0.21	0.59	SLV_02	38.27	0.10	0.10
2070	1	R100x35-123	SLV_02	-98.91	0.21	0.45	SLV_02	-47.24	0.10	0.13
2071	1	R100x35-123	SLV_02	73.77	0.21	0.33	SLV_02	46.94	0.10	0.13
	2	R100x35-145	SLV_02	97.70	0.21	0.44	SLV_02	46.94	0.10	0.13
2072	1	R100x35-124	SLV_01	-258.96	0.42	0.59	SLV_02	-60.08	0.21	0.09
	2	R100x35-78	SLV_01	-195.90	0.30	0.61	SLV_02	-60.08	0.15	0.12
2073	1	R100x35-122	SLV_01	141.63	0.21	0.64	SLV_02	31.90	0.10	0.09
	2	R100x35-121	SLV_01	253.22	0.42	0.57	SLV_02	31.90	0.21	0.05
2074	1	R50x60-18	SLV_02	-107.32	0.09	0.61	SLV_02	13.26	0.09	0.09
	2	R50x60-19	SLV_02	-107.32	0.09	0.61	SLV_02	13.26	0.09	0.09
2075	1	R50x60-20	SLV_02	142.72	0.10	0.70	SLV_02	29.51	0.10	0.18
2076	1	R50x60-18	SLV_02	-108.32	0.09	0.62	SLV_02	-13.12	0.09	0.09
	2	R50x60-21	SLV_02	-108.32	0.09	0.62	SLV_02	-13.12	0.09	0.09

2077	1	R50x60-20	SLV_02	140.41	0.10	0.69	SLV_02	-29.09	0.10	0.18
	2	R50x60-22	SLV_02	140.41	0.10	0.69	SLV_02	-29.09	0.10	0.18
2078	1	R100x35-119	SLV_01	-118.00	0.21	0.53	SLV_02	-20.24	0.10	0.06
2079	1	R100x35-119	SLV_01	135.94	0.21	0.61	SLV_02	69.79	0.10	0.20
	2	R100x35-132	SLV_01	179.13	0.31	0.54	SLV_02	69.79	0.16	0.14
2080	1	R50x80-57	SLV_01	-103.87	0.09	0.43	SLV_02	29.95	0.09	0.21
2081	1	R50x80-56	SLV_01	48.78	0.09	0.20	SLV_02	-27.86	0.09	0.19
	2	R50x80-57	SLV_01	81.20	0.09	0.34	SLV_02	-27.86	0.09	0.19
2082	1	R50x80-65	SLV_01	-80.09	0.09	0.34	SLV_02	35.19	0.09	0.25
	2	R50x80-66	SLV_01	-58.65	0.09	0.25	SLV_02	35.19	0.09	0.25
2083	1	R50x80-65	SLV_01	-35.99	0.09	0.15	SLV_02	35.19	0.09	0.25
	1	R50x80-65	SLV_01	56.34	0.09	0.24	SLV_02	-25.04	0.09	0.17
2084	1	R50x80-65	SLV_01	-81.26	0.09	0.34	SLV_02	27.55	0.09	0.19
	2	R50x80-67	SLV_01	-48.84	0.09	0.20	SLV_02	27.55	0.09	0.19
2085	1	R50x80-65	SLV_01	103.74	0.09	0.43	SLV_02	-30.12	0.09	0.21
2086	1	R50x80-65	SLV_01	-54.85	0.09	0.23	SLV_02	24.25	0.09	0.17
	1	R50x80-65	SLV_01	36.93	0.09	0.15	SLV_02	-35.13	0.09	0.24
2087	2	R50x80-66	SLV_01	59.60	0.09	0.25	SLV_02	-35.13	0.09	0.24
	3	R50x80-65	SLV_01	81.04	0.09	0.34	SLV_02	-35.13	0.09	0.24
2088	1	R50x35-14	SLV_02	15.81	0.10	0.14	SLV_02	3.02	0.10	0.02
2093	1	R50x35-15	SLV_02	18.46	0.10	0.17	SLV_02	2.48	0.10	0.01
2098	1	R50x35-15	SLV_02	17.58	0.10	0.16	SLV_02	2.20	0.10	0.01
2103	1	R50x35-15	SLV_02	16.66	0.10	0.15	SLV_02	2.14	0.10	0.01
2108	1	R50x35-15	SLV_02	16.45	0.10	0.15	SLV_02	-2.00	0.10	0.01
2113	1	R50x35-15	SLV_02	13.49	0.10	0.12	SLV_02	-3.05	0.10	0.02
2118	1	R50x35-15	SLV_02	13.02	0.10	0.12	SLV_02	3.03	0.10	0.02
2123	1	R50x35-15	SLV_02	16.08	0.10	0.15	SLV_02	2.00	0.10	0.01
2128	1	R50x35-15	SLV_02	16.09	0.10	0.15	SLV_02	-2.11	0.10	0.01
2133	1	R50x35-15	SLV_02	16.73	0.10	0.15	SLV_02	-2.19	0.10	0.01
2138	1	R50x35-15	SLV_02	17.34	0.10	0.16	SLV_02	-2.48	0.10	0.01
2143	1	R50x35-14	SLV_02	15.00	0.10	0.14	SLV_02	-3.01	0.10	0.02
2148	1	R100x35-67	SLV_01	-142.28	0.23	0.60	SLV_02	35.15	0.11	0.10
	2	R100x35-140	SLV_01	-108.08	0.23	0.45	SLV_02	35.15	0.11	0.09
2149	1	R100x35-70	SLV_01	81.29	0.21	0.37	SLV_02	-16.05	0.10	0.05
	2	R100x35-66	SLV_01	138.15	0.21	0.62	SLV_02	-16.05	0.10	0.05
2150	1	R100x35-67	SLV_01	-145.43	0.23	0.61	SLV_02	39.29	0.11	0.11
	2	R100x35-140	SLV_01	-111.07	0.23	0.46	SLV_02	39.29	0.11	0.10
2151	1	R100x35-70	SLV_01	79.33	0.21	0.36	SLV_02	20.38	0.10	0.06
	2	R100x35-66	SLV_01	136.06	0.21	0.61	SLV_02	20.38	0.10	0.06
2152	1	R50x80-65	SLV_02	-154.53	0.09	0.65	SLV_02	-25.55	0.09	0.18
2153	1	R50x80-65	SLV_02	121.06	0.09	0.51	SLV_02	-23.87	0.09	0.17
2154	1	R50x80-82	SLV_01	-160.92	0.09	0.67	SLV_02	27.36	0.09	0.19
2155	1	R50x80-82	SLV_01	146.43	0.09	0.61	SLV_02	26.76	0.09	0.19
2156	1	R50x80-82	SLV_01	-146.39	0.09	0.61	SLV_02	-26.34	0.09	0.18
2157	1	R50x80-82	SLV_01	161.09	0.09	0.67	SLV_02	-26.98	0.09	0.19
2158	1	R50x80-65	SLV_02	-119.69	0.09	0.50	SLV_02	23.67	0.09	0.17
2159	1	R50x80-65	SLV_02	154.99	0.09	0.65	SLV_02	25.50	0.09	0.18
2160	1	R50x35-15	SLV_02	10.57	0.10	0.10	SLV_02	4.21	0.10	0.03
2165	1	R50x35-15	SLV_02	10.04	0.10	0.09	SLV_02	3.96	0.10	0.02

2170	1	R50x35-15	SLV_02	9.76	0.10	0.09	SLV_02	4.04	0.10	0.02
2175	1	R50x35-15	SLV_02	9.87	0.10	0.09	SLV_02	-4.13	0.10	0.02
2180	1	R50x35-15	SLV_02	8.64	0.10	0.08	SLV_02	-4.70	0.10	0.03
2185	1	R50x35-15	SLV_02	8.21	0.10	0.07	SLV_02	4.59	0.10	0.03
2190	1	R50x35-15	SLV_02	-9.83	0.10	0.09	SLV_02	4.01	0.10	0.02
2195	1	R50x35-15	SLV_02	-10.08	0.10	0.09	SLV_02	-3.99	0.10	0.02
2200	1	R50x35-15	SLV_02	9.63	0.10	0.09	SLV_02	-3.92	0.10	0.02
2205	1	R50x35-15	SLV_02	10.00	0.10	0.09	SLV_02	-4.22	0.10	0.03
2210	1	R50x35-15	SLV_02	-9.78	0.10	0.09	SLV_02	-4.19	0.10	0.03
2215	1	R50x35-15	SLV_02	-10.42	0.10	0.09	SLV_02	4.17	0.10	0.03
2220	1	R100x35-102	SLV_01	-169.23	0.31	0.51	SLV_02	-16.22	0.16	0.03
	2	R100x35-103	SLV_01	-94.29	0.21	0.43	SLV_02	-16.22	0.10	0.05
2223	1	R80x30-31	SLV_02	-15.61	0.16	0.11	SLV_02	-27.75	0.08	0.13
2224	1	R100x35-104	SLV_01	126.96	0.21	0.57	SLV_02	-32.20	0.10	0.09
	2	R100x35-102	SLV_01	172.35	0.31	0.52	SLV_02	-32.20	0.16	0.06
2225	1	R100x35-102	SLV_01	-156.92	0.31	0.47	SLV_02	30.94	0.16	0.06
	2	R100x35-104	SLV_01	-115.75	0.21	0.52	SLV_02	30.94	0.10	0.09
2226	1	R100x30-85	SLV_02	41.49	0.21	0.23	SLV_02	45.50	0.10	0.13
2228	1	R100x35-103	SLV_01	86.31	0.21	0.39	SLV_02	14.50	0.10	0.04
	2	R100x35-102	SLV_01	154.77	0.31	0.47	SLV_02	14.50	0.16	0.03
2229	1	R100x35-114	SLV_01	-128.15	0.21	0.58	SLV_02	30.61	0.10	0.09
	2	R100x35-113	SLV_01	-94.61	0.21	0.43	SLV_02	30.61	0.10	0.09
2230	1	R100x35-115	SLV_01	69.83	0.21	0.32	SLV_02	14.58	0.10	0.04
	2	R100x35-114	SLV_01	125.21	0.21	0.57	SLV_02	14.58	0.10	0.04
2231	1	R100x35-93	SLV_01	-185.87	0.31	0.56	SLV_02	-17.35	0.16	0.03
	2	R100x35-95	SLV_01	-102.93	0.21	0.47	SLV_02	-17.35	0.10	0.05
2232	1	R100x35-79	SLV_01	144.54	0.30	0.45	SLV_02	-35.22	0.15	0.07
	2	R100x35-93	SLV_01	194.77	0.31	0.59	SLV_02	-35.22	0.16	0.07
2233	1	R100x35-108	SLV_01	-170.56	0.31	0.51	SLV_02	34.84	0.16	0.07
	2	R100x35-106	SLV_01	-126.28	0.21	0.57	SLV_02	34.84	0.10	0.10
2234	1	R100x35-109	SLV_01	93.09	0.21	0.42	SLV_02	-15.22	0.10	0.05
	2	R100x35-108	SLV_01	166.72	0.31	0.50	SLV_02	-15.22	0.16	0.03
2235	1	R100x35-110	SLV_02	-83.30	0.21	0.38	SLV_02	-17.07	0.10	0.05
	2	R100x35-106	SLV_02	-62.70	0.21	0.28	SLV_02	-17.07	0.10	0.05
2236	1	R100x35-106	SLV_02	73.23	0.21	0.33	SLV_02	16.85	0.10	0.05
	2	R100x35-110	SLV_02	93.84	0.21	0.42	SLV_02	16.85	0.10	0.05
2237	1	L80x145-31	SLV_02	-310.07	0.08	0.83	SLV_02	-61.48	0.08	0.37
2238	1	L80x145-36	SLV_02	-314.38	0.08	0.81	SLV_02	-33.61	0.08	0.19
	2	L80x145-37	SLV_02	-234.15	0.05	0.91	SLV_02	-33.61	0.05	0.29
	3	L80x145-39	SLV_02	187.09	0.08	0.51	SLV_02	-33.61	0.05	0.29
2239	1	L80x145-38	SLV_02	-262.09	0.08	0.68	SLV_02	-18.25	0.08	0.11
	2	L80x145-37	SLV_02	162.15	0.05	0.63	SLV_02	-18.25	0.05	0.16
2240	1	L80x145-32	SLV_02	200.43	0.06	0.65	SLV_02	54.69	0.06	0.40
	2	L80x145-33	SLV_02	275.98	0.08	0.72	SLV_02	54.69	0.08	0.32
	3	L80x145-34	SLV_02	351.53	0.10	0.69	SLV_02	54.69	0.10	0.24
2241	1	R100x35-99	SLV_01	-123.07	0.21	0.56	SLV_02	30.74	0.10	0.09
	2	R100x35-98	SLV_01	-91.76	0.21	0.41	SLV_02	30.74	0.10	0.09
2242	1	R100x35-98	SLV_01	64.17	0.21	0.29	SLV_02	14.11	0.10	0.04
	2	R100x35-99	SLV_01	115.86	0.21	0.52	SLV_02	14.11	0.10	0.04

2243	1	R100x35-93	SLV_01	-191.99	0.31	0.58	SLV_02	33.01	0.16	0.06
	2	R100x35-79	SLV_01	-144.50	0.30	0.45	SLV_02	33.01	0.15	0.07
2244	1	R100x35-95	SLV_01	102.83	0.21	0.46	SLV_02	-15.26	0.10	0.04
	2	R100x35-93	SLV_01	188.16	0.31	0.57	SLV_02	-15.26	0.16	0.03
2245	1	R120x35-11	SLV_01	-136.30	0.21	0.62	SLV_02	57.94	0.10	0.14
2246	1	R120x35-11	SLV_01	-111.21	0.21	0.50	SLV_02	-28.36	0.10	0.07
	2	R120x35-13	SLV_01	158.33	0.31	0.48	SLV_02	-28.36	0.16	0.05
2247	1	R50x35-14	SLV_02	-6.64	0.10	0.06	SLV_02	2.68	0.10	0.02
2252	1	R50x35-14	SLV_02	-6.53	0.10	0.06	SLV_02	2.50	0.10	0.02
2257	1	R50x35-14	SLV_02	-7.03	0.10	0.06	SLV_02	-2.44	0.10	0.01
2262	1	R50x35-14	SLV_02	-7.23	0.10	0.07	SLV_02	-2.55	0.10	0.02
2267	1	R50x35-15	SLV_02	-7.10	0.10	0.06	SLV_02	-2.53	0.10	0.02
2272	1	R80x35-13	SLV_02	-10.16	0.16	0.06	SLV_02	2.71	0.08	0.01
2277	1	R80x35-13	SLV_02	-10.23	0.16	0.06	SLV_02	2.50	0.08	0.01
2282	1	L80x145-16	SLV_02	70.42	0.05	0.27	SLV_02	17.47	0.05	0.15
2287	1	R50x35-14	SLV_02	-6.35	0.10	0.06	SLV_02	2.70	0.10	0.02
2292	1	R50x35-14	SLV_02	-6.58	0.10	0.06	SLV_02	-2.50	0.10	0.02
2297	1	R50x35-15	SLV_02	-6.24	0.10	0.06	SLV_02	-2.06	0.10	0.01
2302	1	R50x35-15	SLV_02	-6.10	0.10	0.06	SLV_02	2.34	0.10	0.01
2307	1	R50x60-10	SLV_02	-73.56	0.09	0.42	SLV_02	-5.97	0.09	0.04
	2	R50x60-11	SLV_02	-73.56	0.09	0.17	SLV_02	-5.97	0.09	0.02
2308	3	R50x60-12	SLV_02	-73.56	0.09	0.42	SLV_02	-5.97	0.09	0.04
	1	R50x60-11	SLV_02	105.99	0.09	0.60	SLV_02	12.74	0.09	0.09
2309	1	R50x60-11	SLV_02	-58.35	0.09	0.33	SLV_02	5.20	0.09	0.04
	2	R50x60-12	SLV_02	-58.35	0.09	0.33	SLV_02	5.20	0.09	0.04
2310	1	R50x60-11	SLV_02	82.40	0.09	0.47	SLV_02	-11.41	0.09	0.08
2311	1	R100x35-92	SLV_01	-108.57	0.21	0.49	SLV_02	10.11	0.10	0.03
2312	1	R100x35-92	SLV_01	119.30	0.21	0.54	SLV_02	-37.51	0.10	0.11
	2	R100x35-93	SLV_01	160.03	0.31	0.48	SLV_02	-37.51	0.16	0.07
2313	1	R50x80-70	SLV_02	-70.16	0.09	0.29	SLV_02	-20.24	0.09	0.15
	2	R50x80-71	SLV_02	-49.94	0.09	0.21	SLV_02	-20.24	0.09	0.14
	3	R50x80-69	SLV_02	-28.57	0.09	0.12	SLV_02	-20.24	0.09	0.14
2314	1	R50x80-69	SLV_02	30.06	0.09	0.13	SLV_02	14.13	0.09	0.10
	2	R50x80-70	SLV_02	52.36	0.09	0.22	SLV_02	14.13	0.09	0.10
2315	1	R50x80-57	SLV_01	-85.41	0.09	0.36	SLV_02	-15.78	0.09	0.11
2316	1	R50x80-56	SLV_01	40.89	0.09	0.17	SLV_02	16.31	0.09	0.11
	2	R50x80-57	SLV_01	71.47	0.09	0.30	SLV_02	16.31	0.09	0.11
2317	1	R50x80-57	SLV_01	-75.20	0.09	0.31	SLV_02	-49.53	0.09	0.35
2318	1	R50x80-56	SLV_01	67.93	0.09	0.28	SLV_02	7.86	0.09	0.05
	2	R50x80-58	SLV_01	103.84	0.09	0.43	SLV_02	7.86	0.09	0.05
2319	1	R50x80-57	SLV_01	-71.31	0.09	0.30	SLV_02	-16.16	0.09	0.11
	2	R50x80-56	SLV_01	-40.73	0.09	0.17	SLV_02	-16.16	0.09	0.11
2320	1	R50x80-57	SLV_01	85.51	0.09	0.36	SLV_02	15.62	0.09	0.11
2321	1	R50x80-65	SLV_02	-48.82	0.09	0.20	SLV_02	-12.92	0.09	0.09
2322	1	R50x80-65	SLV_02	27.93	0.09	0.12	SLV_02	18.51	0.09	0.13
	2	R50x80-66	SLV_02	54.67	0.09	0.23	SLV_02	18.51	0.09	0.13
2323	1	L80x145-40	SLV_02	-292.05	0.09	0.66	SLV_02	-46.83	0.09	0.24
	2	L80x145-41	SLV_02	-228.76	0.08	0.62	SLV_02	-46.83	0.08	0.28
2324	1	L80x145-47	SLV_02	-133.06	0.08	0.36	SLV_02	14.59	0.05	0.13

2324	2	L80x145-43	SLV_02	215.29	0.06	0.70	SLV_02	14.59	0.06	0.11
	1	L80x145-44	SLV_02	-159.48	0.05	0.62	SLV_02	20.63	0.05	0.18
2325	2	L80x145-42	SLV_02	148.56	0.05	0.58	SLV_02	20.63	0.05	0.18
	3	L80x145-45	SLV_02	215.77	0.06	0.70	SLV_02	20.63	0.06	0.15
2326	1	L80x145-46	SLV_02	224.64	0.06	0.73	SLV_02	61.79	0.06	0.45
2327	1	L80x145-30	SLV_02	-4.72	0.08	0.01	SLV_02	-4.16	0.08	0.03
2332	1	R100x30-69	SLV_01	-118.42	0.23	0.59	SLV_02	-8.71	0.11	0.02
	2	R100x30-70	SLV_01	-66.10	0.23	0.33	SLV_02	-8.71	0.11	0.02
2333	1	R100x30-70	SLV_01	88.25	0.23	0.44	SLV_02	19.34	0.11	0.05
	2	R100x30-69	SLV_01	119.93	0.23	0.60	SLV_02	19.34	0.11	0.05
2334	1	R100x30-69	SLV_01	-119.93	0.23	0.60	SLV_02	-18.78	0.11	0.05
	2	R100x30-70	SLV_01	-88.39	0.23	0.44	SLV_02	-18.78	0.11	0.05
2335	1	R100x30-70	SLV_01	66.02	0.23	0.33	SLV_02	-8.65	0.11	0.02
	2	R100x30-69	SLV_01	118.46	0.23	0.59	SLV_02	-8.65	0.11	0.02
2336	1	R100x30-69	SLV_01	-119.06	0.23	0.60	SLV_02	-8.06	0.11	0.02
	2	R100x30-70	SLV_01	-66.62	0.23	0.33	SLV_02	-8.06	0.11	0.02
2337	1	R100x30-70	SLV_01	89.15	0.23	0.45	SLV_02	17.85	0.11	0.05
	2	R100x30-69	SLV_01	120.69	0.23	0.61	SLV_02	17.85	0.11	0.05
2338	1	R100x30-69	SLV_01	-120.31	0.23	0.60	SLV_02	-19.71	0.11	0.05
	2	R100x30-70	SLV_01	-88.63	0.23	0.45	SLV_02	-19.71	0.11	0.05
2339	1	R100x30-70	SLV_01	66.40	0.23	0.33	SLV_02	9.09	0.11	0.02
	2	R100x30-69	SLV_01	118.72	0.23	0.60	SLV_02	9.09	0.11	0.03
2340	1	R100x30-100	SLV_01	-110.00	0.21	0.60	SLV_02	8.88	0.10	0.03
	2	R100x30-107	SLV_01	-61.17	0.21	0.33	SLV_02	8.88	0.10	0.03
2341	1	R100x30-102	SLV_01	85.12	0.23	0.43	SLV_02	19.40	0.11	0.05
	2	R100x30-101	SLV_01	114.69	0.23	0.58	SLV_02	19.40	0.11	0.05
2342	1	R100x30-100	SLV_01	-113.47	0.21	0.62	SLV_02	-17.91	0.10	0.05
	2	R100x30-99	SLV_01	-84.04	0.21	0.46	SLV_02	-17.91	0.10	0.05
2343	1	R100x30-107	SLV_01	61.88	0.21	0.34	SLV_02	-8.21	0.10	0.02
	2	R100x30-100	SLV_01	110.83	0.21	0.60	SLV_02	-8.21	0.10	0.02
2344	1	R100x30-104	SLV_02	-38.40	0.21	0.21	SLV_02	10.96	0.10	0.03
	2	R100x30-99	SLV_02	-35.30	0.21	0.19	SLV_02	10.96	0.10	0.03
2345	1	R100x30-99	SLV_02	34.12	0.21	0.19	SLV_02	-11.09	0.10	0.03
	2	R100x30-104	SLV_02	37.22	0.21	0.20	SLV_02	-11.09	0.10	0.03
2346	1	R100x30-100	SLV_01	-111.28	0.21	0.60	SLV_02	7.84	0.10	0.02
	2	R100x30-107	SLV_01	-62.34	0.21	0.34	SLV_02	7.84	0.10	0.02
2347	1	R100x30-99	SLV_01	83.82	0.21	0.45	SLV_02	-16.82	0.10	0.05
	2	R100x30-100	SLV_01	113.25	0.21	0.61	SLV_02	-16.82	0.10	0.05
2348	1	R100x30-101	SLV_01	-114.56	0.23	0.58	SLV_02	-19.92	0.11	0.06
	2	R100x30-102	SLV_01	-84.98	0.23	0.43	SLV_02	-19.92	0.11	0.05
2349	1	R100x30-107	SLV_01	61.38	0.21	0.33	SLV_02	-9.05	0.10	0.03
	2	R100x30-100	SLV_01	110.21	0.21	0.60	SLV_02	-9.05	0.10	0.03
2350	1	R100x30-69	SLV_01	-120.30	0.23	0.60	SLV_02	17.47	0.11	0.05
	2	R100x30-70	SLV_01	-90.43	0.23	0.45	SLV_02	17.47	0.11	0.05
2351	1	R100x30-70	SLV_01	64.47	0.23	0.32	SLV_02	-8.15	0.11	0.02
	2	R100x30-69	SLV_01	118.00	0.23	0.59	SLV_02	-8.15	0.11	0.02
2352	1	R100x30-69	SLV_02	-117.88	0.23	0.59	SLV_02	8.11	0.11	0.02
	2	R100x30-70	SLV_02	-64.35	0.23	0.32	SLV_02	8.11	0.11	0.02
2353	1	R100x30-70	SLV_01	90.22	0.23	0.45	SLV_02	-17.07	0.11	0.05

2353	2	R100x30-69	SLV_01	120.09	0.23	0.60	SLV_02	-17.07	0.11	0.05
2354	1	R50x30-21	SLV_02	-3.77	0.10	0.04	SLV_02	-1.36	0.10	0.01
2359	1	R50x30-21	SLV_02	-3.78	0.10	0.04	SLV_02	-1.26	0.10	0.01
2364	1	R50x30-21	SLV_02	-4.03	0.10	0.04	SLV_02	-1.25	0.10	0.01
2369	1	R50x30-21	SLV_02	-4.10	0.10	0.04	SLV_02	1.32	0.10	0.01
2374	1	R50x30-21	SLV_02	-4.07	0.10	0.04	SLV_02	1.41	0.10	0.01
2379	1	R50x30-21	SLV_02	-3.93	0.10	0.04	SLV_02	-1.28	0.10	0.01
2384	1	R50x30-21	SLV_02	-4.29	0.10	0.05	SLV_02	1.17	0.10	0.01
2389	1	R50x30-21	SLV_02	-4.60	0.10	0.05	SLV_02	1.21	0.10	0.01
2394	1	R50x30-21	SLV_02	-3.87	0.10	0.04	SLV_02	-1.29	0.10	0.01
2399	1	R50x30-21	SLV_02	-3.77	0.10	0.04	SLV_02	1.36	0.10	0.01
2404	1	R50x30-21	SLV_02	-3.36	0.10	0.04	SLV_02	1.23	0.10	0.01
2409	1	R50x30-21	SLV_02	-3.50	0.10	0.04	SLV_02	-1.23	0.10	0.01
	1	R50x60-10	SLV_02	-55.09	0.09	0.31	SLV_02	-3.79	0.09	0.03
2414	2	R50x60-11	SLV_02	-55.09	0.09	0.13	SLV_02	-3.79	0.09	0.01
	3	R50x60-12	SLV_02	-55.09	0.09	0.31	SLV_02	-3.79	0.09	0.03
2415	1	R50x60-11	SLV_02	80.13	0.09	0.46	SLV_02	-7.33	0.09	0.05
	1	R50x60-10	SLV_02	-56.19	0.09	0.32	SLV_02	3.68	0.09	0.03
2416	2	R50x60-11	SLV_02	-56.19	0.09	0.13	SLV_02	3.68	0.09	0.01
	3	R50x60-12	SLV_02	-56.19	0.09	0.32	SLV_02	3.68	0.09	0.03
2417	1	R50x60-11	SLV_02	79.31	0.09	0.45	SLV_02	7.62	0.09	0.05
2418	1	R100x30-67	SLV_01	-68.63	0.21	0.37	SLV_02	5.83	0.10	0.02
	1	R100x30-67	SLV_01	70.41	0.21	0.38	SLV_02	-20.16	0.10	0.06
2419	2	R100x30-82	SLV_01	95.14	0.21	0.52	SLV_02	-20.16	0.10	0.06
	1	R100x30-82	SLV_01	-94.56	0.21	0.51	SLV_02	20.53	0.10	0.06
2420	2	R100x30-67	SLV_01	-69.83	0.21	0.38	SLV_02	20.53	0.10	0.06
2421	1	R100x30-67	SLV_01	68.60	0.21	0.37	SLV_02	-6.25	0.10	0.02
	1	R50x80-84	SLV_02	-44.16	0.09	0.18	SLV_02	-13.13	0.09	0.10
2422	2	R50x80-71	SLV_02	-31.89	0.09	0.13	SLV_02	-13.13	0.09	0.09
	3	R50x80-69	SLV_02	-18.91	0.09	0.08	SLV_02	-13.13	0.09	0.09
	1	R50x80-69	SLV_02	18.64	0.09	0.08	SLV_02	9.72	0.09	0.07
2423	2	R50x80-70	SLV_02	32.18	0.09	0.13	SLV_02	9.72	0.09	0.07
2424	1	R50x80-57	SLV_01	-53.60	0.09	0.22	SLV_02	-10.01	0.09	0.07
	1	R50x80-56	SLV_01	24.44	0.09	0.10	SLV_02	10.57	0.09	0.07
2425	2	R50x80-57	SLV_01	43.01	0.09	0.18	SLV_02	10.57	0.09	0.07
	1	R50x80-69	SLV_01	-43.00	0.09	0.18	SLV_02	-10.48	0.09	0.07
2426	2	R50x80-68	SLV_01	-24.43	0.09	0.10	SLV_02	-10.48	0.09	0.07
2427	1	R50x80-69	SLV_01	53.54	0.09	0.22	SLV_02	10.14	0.09	0.07
2428	1	R50x80-69	SLV_02	-31.05	0.09	0.13	SLV_02	-9.75	0.09	0.07
	1	R50x80-69	SLV_02	19.75	0.09	0.08	SLV_02	13.14	0.09	0.09
2429	2	R50x80-71	SLV_02	32.72	0.09	0.14	SLV_02	13.14	0.09	0.09
	3	R50x80-84	SLV_02	45.00	0.09	0.19	SLV_02	13.14	0.09	0.10
	1	R100x30-69	SLV_01	-118.60	0.23	0.60	SLV_02	-5.99	0.11	0.02
2430	2	R100x30-70	SLV_01	56.27	0.23	0.11	SLV_02	12.19	0.11	0.01
	3	R100x30-69	SLV_01	119.64	0.23	0.60	SLV_02	12.19	0.11	0.03
	1	R100x30-69	SLV_01	-119.64	0.23	0.60	SLV_02	-13.46	0.11	0.04
2432	2	R100x30-70	SLV_01	-88.11	0.23	0.44	SLV_02	-13.46	0.11	0.04
	1	R100x30-70	SLV_01	66.15	0.23	0.33	SLV_02	6.14	0.11	0.02
2433	2	R100x30-69	SLV_01	118.59	0.23	0.60	SLV_02	6.14	0.11	0.02

2434	1	R100x30-69	SLV_01	-118.66	0.23	0.60	SLV_02	-6.19	0.11	0.02
	2	R100x30-70	SLV_01	-66.21	0.23	0.33	SLV_02	-6.19	0.11	0.02
2435	1	R100x30-70	SLV_01	88.11	0.23	0.44	SLV_02	13.46	0.11	0.04
	2	R100x30-69	SLV_01	119.65	0.23	0.60	SLV_02	13.46	0.11	0.04
2436	1	R100x30-69	SLV_01	-119.68	0.23	0.60	SLV_02	-13.31	0.11	0.04
	2	R100x30-70	SLV_01	-88.00	0.23	0.44	SLV_02	-13.31	0.11	0.04
2437	1	R100x30-70	SLV_01	66.38	0.23	0.33	SLV_02	6.05	0.11	0.02
	2	R100x30-69	SLV_01	118.70	0.23	0.60	SLV_02	6.05	0.11	0.02
2438	1	R100x30-100	SLV_01	-110.56	0.21	0.60	SLV_02	6.84	0.10	0.02
	2	R100x30-107	SLV_01	54.45	0.21	0.12	SLV_02	14.04	0.10	0.02
	3	R100x30-100	SLV_01	113.60	0.21	0.62	SLV_02	14.04	0.10	0.04
2440	1	R100x30-100	SLV_01	-112.82	0.21	0.61	SLV_02	14.86	0.10	0.04
	2	R100x30-99	SLV_01	-83.38	0.21	0.45	SLV_02	14.86	0.10	0.04
2441	1	R100x30-107	SLV_01	62.05	0.21	0.34	SLV_02	-6.57	0.10	0.02
	2	R100x30-100	SLV_01	110.99	0.21	0.60	SLV_02	-6.57	0.10	0.02
2442	1	R100x30-99	SLV_02	-48.52	0.21	0.26	SLV_02	11.13	0.10	0.03
2443	1	R100x30-99	SLV_02	48.46	0.21	0.26	SLV_02	-11.12	0.10	0.03
2444	1	R100x30-100	SLV_01	-111.10	0.21	0.60	SLV_02	6.55	0.10	0.02
	2	R100x30-107	SLV_01	-62.15	0.21	0.34	SLV_02	6.55	0.10	0.02
2445	1	R100x30-99	SLV_01	83.41	0.21	0.45	SLV_02	-14.93	0.10	0.04
	2	R100x30-100	SLV_01	112.84	0.21	0.61	SLV_02	-14.93	0.10	0.04
2446	1	R100x30-100	SLV_01	-113.68	0.21	0.62	SLV_02	-14.59	0.10	0.04
	2	R100x30-99	SLV_01	-84.11	0.21	0.46	SLV_02	-14.59	0.10	0.04
2447	1	R100x30-107	SLV_01	61.89	0.21	0.34	SLV_02	-7.25	0.10	0.02
	2	R100x30-100	SLV_01	110.72	0.21	0.60	SLV_02	-7.25	0.10	0.02
2448	1	R100x30-101	SLV_01	-118.23	0.23	0.59	SLV_02	14.61	0.11	0.04
	2	R100x30-102	SLV_01	-88.36	0.23	0.44	SLV_02	14.61	0.11	0.04
2449	1	R100x30-103	SLV_01	64.62	0.23	0.32	SLV_02	-6.59	0.11	0.02
	2	R100x30-101	SLV_01	118.15	0.23	0.59	SLV_02	-6.59	0.11	0.02
2450	1	R100x30-101	SLV_01	-118.14	0.23	0.59	SLV_02	6.61	0.11	0.02
	2	R100x30-103	SLV_01	-64.61	0.23	0.32	SLV_02	6.61	0.11	0.02
2451	1	R100x30-102	SLV_01	88.39	0.23	0.44	SLV_02	-14.61	0.11	0.04
	2	R100x30-101	SLV_01	118.26	0.23	0.59	SLV_02	-14.61	0.11	0.04
2452	1	R50x30-21	SLV_02	-2.43	0.10	0.03	SLV_02	-0.81	0.10	0.00
2457	1	R50x30-21	SLV_02	-2.44	0.10	0.03	SLV_02	-0.73	0.10	0.00
2462	1	R50x30-21	SLV_02	-2.62	0.10	0.03	SLV_02	-0.74	0.10	0.00
2467	1	R50x30-21	SLV_02	-2.70	0.10	0.03	SLV_02	-0.81	0.10	0.00
2472	1	R50x30-21	SLV_02	-2.76	0.10	0.03	SLV_02	0.98	0.10	0.01
2477	1	R50x30-21	SLV_02	-2.68	0.10	0.03	SLV_02	-1.00	0.10	0.01
2482	1	R50x30-21	SLV_02	-2.72	0.10	0.03	SLV_02	0.83	0.10	0.00
2487	1	R50x30-21	SLV_02	-2.45	0.10	0.03	SLV_02	0.76	0.10	0.00
2492	1	R50x30-21	SLV_02	-2.46	0.10	0.03	SLV_02	0.75	0.10	0.00
2497	1	R50x30-21	SLV_02	-2.43	0.10	0.03	SLV_02	0.82	0.10	0.00
2502	1	R50x30-21	SLV_02	-1.83	0.10	0.02	SLV_02	0.89	0.10	0.01
2507	1	R50x30-21	SLV_02	-1.88	0.10	0.02	SLV_02	-0.87	0.10	0.01
2512	1	R50x60-10	SLV_02	-52.55	0.09	0.30	SLV_02	-2.96	0.09	0.02
	2	R50x60-11	SLV_02	-52.55	0.09	0.12	SLV_02	-2.96	0.09	0.01
	3	R50x60-12	SLV_02	-52.55	0.09	0.30	SLV_02	-2.96	0.09	0.02
2513	1	R50x60-11	SLV_02	74.87	0.09	0.43	SLV_02	-5.72	0.09	0.04

2514	1	R50x60-10	SLV_02	-52.91	0.09	0.30	SLV_02	3.03	0.09	0.02
	2	R50x60-11	SLV_02	-52.91	0.09	0.12	SLV_02	3.03	0.09	0.01
	3	R50x60-12	SLV_02	-52.91	0.09	0.30	SLV_02	3.03	0.09	0.02
2515	1	R50x60-11	SLV_02	74.47	0.09	0.42	SLV_02	6.05	0.09	0.04
2516	1	R100x30-99	SLV_01	-68.80	0.21	0.37	SLV_02	4.85	0.10	0.01
2517	1	R100x30-99	SLV_01	68.71	0.21	0.37	SLV_02	-13.76	0.10	0.04
	2	R100x30-100	SLV_01	93.44	0.21	0.51	SLV_02	-13.76	0.10	0.04
2518	1	R100x30-100	SLV_01	-93.34	0.21	0.51	SLV_02	14.03	0.10	0.04
	2	R100x30-99	SLV_01	-68.61	0.21	0.37	SLV_02	14.03	0.10	0.04
2519	1	R100x30-99	SLV_01	68.88	0.21	0.37	SLV_02	-5.19	0.10	0.01
2520	1	R50x80-84	SLV_02	-38.65	0.09	0.16	SLV_02	-8.72	0.09	0.06
	2	R50x80-71	SLV_02	-26.37	0.09	0.11	SLV_02	-8.72	0.09	0.06
	3	R50x80-69	SLV_02	-13.39	0.09	0.06	SLV_02	-8.72	0.09	0.06
2521	1	R50x80-70	SLV_02	-6.65	0.09	0.03	SLV_02	8.55	0.09	0.06
	2	R50x80-69	SLV_02	32.65	0.09	0.14	SLV_02	8.55	0.09	0.06
2522	1	R50x80-57	SLV_01	-49.19	0.09	0.21	SLV_02	-8.17	0.09	0.06
2523	1	R50x80-56	SLV_01	26.52	0.09	0.11	SLV_02	8.93	0.09	0.06
	2	R50x80-57	SLV_01	45.08	0.09	0.19	SLV_02	8.93	0.09	0.06
2524	1	R50x80-69	SLV_01	-45.12	0.09	0.19	SLV_02	-8.90	0.09	0.06
	2	R50x80-68	SLV_01	-26.56	0.09	0.11	SLV_02	-8.90	0.09	0.06
2525	1	R50x80-69	SLV_01	49.17	0.09	0.21	SLV_02	8.23	0.09	0.06
2526	1	R50x80-69	SLV_02	-32.12	0.09	0.13	SLV_02	-8.75	0.09	0.06
	2	R50x80-70	SLV_02	6.99	0.09	0.03	SLV_02	-8.75	0.09	0.06
2527	1	R50x80-69	SLV_02	13.73	0.09	0.06	SLV_02	8.88	0.09	0.06
	2	R50x80-71	SLV_02	26.71	0.09	0.11	SLV_02	8.88	0.09	0.06
	3	R50x80-84	SLV_02	38.98	0.09	0.16	SLV_02	8.88	0.09	0.06
2535	1	R80x30-19	SLV_01	-102.73	0.21	0.56	SLV_02	-10.50	0.10	0.04
	2	R80x30-20	SLV_01	-59.30	0.16	0.43	SLV_02	-10.50	0.08	0.05
2536	1	R80x30-17	SLV_01	78.50	0.16	0.57	SLV_02	-22.72	0.08	0.11
	2	R80x30-19	SLV_01	104.80	0.21	0.57	SLV_02	-22.72	0.10	0.09
2537	1	R80x30-19	SLV_01	-104.80	0.21	0.57	SLV_02	-21.12	0.10	0.08
	2	R80x30-17	SLV_01	-78.62	0.16	0.57	SLV_02	-21.12	0.08	0.10
2538	1	R80x30-17	SLV_01	59.60	0.16	0.43	SLV_02	10.24	0.08	0.05
	2	R80x30-19	SLV_01	103.13	0.21	0.56	SLV_02	10.24	0.10	0.04
2539	1	R80x30-19	SLV_01	-103.17	0.21	0.56	SLV_02	-10.16	0.10	0.04
	2	R80x30-17	SLV_01	-59.64	0.16	0.43	SLV_02	-10.16	0.08	0.05
2540	1	R80x30-17	SLV_01	78.55	0.16	0.57	SLV_02	-20.89	0.08	0.10
	2	R80x30-19	SLV_01	104.73	0.21	0.57	SLV_02	-20.89	0.10	0.08
2541	1	R80x30-19	SLV_01	-105.36	0.21	0.57	SLV_02	22.27	0.10	0.08
	2	R80x30-17	SLV_01	-79.06	0.16	0.57	SLV_02	22.27	0.08	0.11
2542	1	R80x30-20	SLV_01	59.79	0.16	0.43	SLV_02	10.21	0.08	0.05
	2	R80x30-19	SLV_01	103.22	0.21	0.56	SLV_02	10.21	0.10	0.04
2543	1	R100x30-117	SLV_01	-126.32	0.31	0.46	SLV_02	-16.18	0.16	0.03
	2	R100x30-115	SLV_01	-72.45	0.21	0.16	SLV_02	-16.18	0.10	0.02
	3	R100x30-118	SLV_01	50.69	0.21	0.27	SLV_02	-16.18	0.10	0.05
2544	1	R100x30-113	SLV_01	67.54	0.21	0.37	SLV_02	31.28	0.10	0.09
	2	R100x30-114	SLV_01	100.16	0.21	0.22	SLV_02	31.28	0.10	0.04
	3	R100x30-112	SLV_01	132.78	0.31	0.48	SLV_02	31.28	0.16	0.06
	1	R100x30-112	SLV_01	-130.33	0.31	0.47	SLV_02	-28.98	0.16	0.06

2545	2	R100x30-114	SLV_01	-97.85	0.21	0.21	SLV_02	-28.98	0.10	0.03
	3	R100x30-113	SLV_01	-65.38	0.21	0.35	SLV_02	-28.98	0.10	0.08
	1	R100x30-118	SLV_01	-49.04	0.21	0.27	SLV_02	13.92	0.10	0.04
2546	2	R100x30-115	SLV_01	74.25	0.21	0.16	SLV_02	13.92	0.10	0.02
	3	R100x30-112	SLV_01	128.24	0.31	0.46	SLV_02	13.92	0.16	0.03
	1	R100x30-114	SLV_02	-74.84	0.21	0.41	SLV_02	22.31	0.10	0.06
2547	2	R100x30-110	SLV_02	-59.73	0.21	0.13	SLV_02	22.31	0.10	0.03
	3	R100x30-116	SLV_02	-29.51	0.21	0.16	SLV_02	22.31	0.10	0.06
	1	R100x30-116	SLV_02	29.23	0.21	0.16	SLV_02	-21.99	0.10	0.06
2548	2	R100x30-110	SLV_02	59.45	0.21	0.13	SLV_02	-21.99	0.10	0.03
	3	R100x30-114	SLV_02	74.56	0.21	0.40	SLV_02	-21.99	0.10	0.06
	1	R100x30-112	SLV_01	-128.15	0.31	0.46	SLV_02	-13.81	0.16	0.03
2549	2	R100x30-115	SLV_01	-74.15	0.21	0.16	SLV_02	-13.81	0.10	0.02
	3	R100x30-118	SLV_01	48.86	0.21	0.26	SLV_02	-13.81	0.10	0.04
	1	R100x30-113	SLV_01	65.33	0.21	0.35	SLV_02	28.69	0.10	0.08
2550	2	R100x30-114	SLV_01	97.80	0.21	0.21	SLV_02	28.69	0.10	0.03
	3	R100x30-112	SLV_01	130.28	0.31	0.47	SLV_02	28.69	0.16	0.06
	1	R100x30-112	SLV_01	-133.01	0.31	0.48	SLV_02	-30.70	0.16	0.06
2551	2	R100x30-114	SLV_01	-100.38	0.21	0.22	SLV_02	-30.70	0.10	0.04
	3	R100x30-113	SLV_01	-67.76	0.21	0.37	SLV_02	-30.70	0.10	0.09
	1	R100x30-118	SLV_01	-50.11	0.21	0.27	SLV_02	15.82	0.10	0.05
2552	2	R100x30-115	SLV_01	72.97	0.21	0.16	SLV_02	15.82	0.10	0.02
	3	R100x30-112	SLV_01	126.84	0.31	0.46	SLV_02	15.82	0.16	0.03
2553	1	R100x30-67	SLV_01	-55.70	0.21	0.30	SLV_02	16.22	0.10	0.05
	1	R100x30-67	SLV_01	60.85	0.21	0.33	SLV_02	-23.80	0.10	0.07
2554	2	R100x30-82	SLV_01	79.69	0.21	0.43	SLV_02	-23.80	0.10	0.07
	1	R100x30-82	SLV_02	-111.70	0.21	0.61	SLV_02	-27.22	0.10	0.08
2555	2	R100x30-67	SLV_02	-86.60	0.21	0.47	SLV_02	-27.22	0.10	0.08
	1	R100x30-67	SLV_01	60.03	0.21	0.33	SLV_02	13.75	0.10	0.04
2556	2	R100x30-82	SLV_01	105.78	0.21	0.57	SLV_02	13.75	0.10	0.04
	1	R100x30-83	SLV_01	-122.02	0.31	0.44	SLV_02	-17.55	0.16	0.03
2557	2	R100x30-67	SLV_01	-89.27	0.21	0.19	SLV_02	-17.55	0.10	0.02
	3	R100x30-108	SLV_01	-23.78	0.21	0.13	SLV_02	-17.55	0.10	0.05
	1	R100x30-108	SLV_02	23.90	0.21	0.13	SLV_02	17.93	0.10	0.05
2558	2	R100x30-67	SLV_02	89.40	0.21	0.19	SLV_02	17.93	0.10	0.02
	3	R100x30-83	SLV_02	122.14	0.31	0.44	SLV_02	17.93	0.16	0.04
	1	R100x30-82	SLV_01	-105.64	0.21	0.57	SLV_02	-13.59	0.10	0.04
2559	2	R100x30-67	SLV_01	-59.89	0.21	0.32	SLV_02	-13.59	0.10	0.04
	1	R100x30-67	SLV_02	87.09	0.21	0.47	SLV_02	26.86	0.10	0.08
2560	2	R100x30-82	SLV_02	112.47	0.21	0.61	SLV_02	26.86	0.10	0.08
	1	R100x30-82	SLV_01	-79.52	0.21	0.43	SLV_02	23.40	0.10	0.07
2561	2	R100x30-67	SLV_01	-60.69	0.21	0.33	SLV_02	23.40	0.10	0.07
2562	1	R100x30-67	SLV_01	56.09	0.21	0.30	SLV_02	-15.73	0.10	0.04
2563	1	R50x30-21	SLV_02	-13.14	0.10	0.14	SLV_02	2.17	0.10	0.01
2568	1	R50x30-19	SLV_02	13.71	0.10	0.15	SLV_02	1.61	0.10	0.01
2573	1	R50x30-19	SLV_02	13.38	0.10	0.15	SLV_02	1.45	0.10	0.01
2578	1	R50x30-19	SLV_02	12.79	0.10	0.14	SLV_02	-1.43	0.10	0.01
2583	1	R50x30-19	SLV_02	12.38	0.10	0.13	SLV_02	1.36	0.10	0.01
2588	1	R50x30-19	SLV_02	10.21	0.10	0.11	SLV_02	2.20	0.10	0.01

2593	1	R50x30-19	SLV_02	9.98	0.10	0.11	SLV_02	-2.17	0.10	0.01
2598	1	R50x30-19	SLV_02	12.16	0.10	0.13	SLV_02	1.35	0.10	0.01
2603	1	R50x30-19	SLV_02	12.47	0.10	0.14	SLV_02	1.43	0.10	0.01
2608	1	R50x30-19	SLV_02	12.66	0.10	0.14	SLV_02	1.44	0.10	0.01
2613	1	R50x30-19	SLV_02	12.65	0.10	0.14	SLV_02	-1.58	0.10	0.01
2618	1	R50x30-21	SLV_02	-12.14	0.10	0.13	SLV_02	-2.10	0.10	0.01
2623	1	R70x30-8	SLV_01	-20.64	0.16	0.15	SLV_02	5.32	0.08	0.03
2624	1	R70x30-8	SLV_01	32.20	0.16	0.23	SLV_02	-7.63	0.08	0.04
2625	1	R70x30-8	SLV_02	34.39	0.16	0.25	SLV_02	10.75	0.08	0.06
2626	1	R70x30-10	SLV_01	-54.80	0.16	0.40	SLV_02	13.56	0.08	0.08
2627	1	R70x30-10	SLV_01	47.18	0.16	0.34	SLV_02	-14.59	0.08	0.08
2628	1	R70x30-11	SLV_01	-81.31	0.16	0.59	SLV_02	8.05	0.08	0.05
	2	R70x30-10	SLV_01	-60.11	0.16	0.43	SLV_02	8.05	0.08	0.04
2629	1	R70x30-10	SLV_01	60.05	0.16	0.43	SLV_02	-8.02	0.08	0.04
	2	R70x30-11	SLV_01	81.24	0.16	0.59	SLV_02	-8.02	0.08	0.05
2630	1	R70x30-8	SLV_01	-46.93	0.16	0.34	SLV_02	14.12	0.08	0.08
2631	1	R70x30-8	SLV_01	55.23	0.16	0.40	SLV_02	-13.70	0.08	0.08
2632	1	R70x30-9	SLV_02	-33.79	0.16	0.24	SLV_02	-10.40	0.08	0.06
2633	1	R70x30-9	SLV_01	-32.08	0.16	0.23	SLV_02	7.56	0.08	0.04
2634	1	R70x30-9	SLV_01	20.90	0.16	0.15	SLV_02	-5.09	0.08	0.03
2635	1	R30x90-6	SLV_02	-163.00	0.06	0.87	SLV_02	10.34	0.06	0.11
2638	1	R30x90-5	SLV_02	23.37	0.05	0.15	SLV_02	-7.37	0.05	0.08
2640	1	R30x90-5	SLV_02	-37.77	0.05	0.24	SLV_02	-6.23	0.05	0.06
2642	1	R80x30-19	SLV_01	-103.08	0.21	0.56	SLV_02	-9.97	0.10	0.04
	2	R80x30-17	SLV_01	-59.65	0.16	0.17	SLV_02	-9.97	0.08	0.02
	3	R80x30-20	SLV_01	39.53	0.16	0.29	SLV_02	-9.97	0.08	0.05
2643	1	R80x30-17	SLV_01	79.15	0.16	0.57	SLV_02	21.81	0.08	0.11
	2	R80x30-19	SLV_01	105.45	0.21	0.57	SLV_02	21.81	0.10	0.08
2644	1	R80x30-19	SLV_01	-105.06	0.21	0.57	SLV_02	-20.83	0.10	0.08
	2	R80x30-17	SLV_01	-78.89	0.16	0.57	SLV_02	-20.83	0.08	0.10
2645	1	R80x30-17	SLV_01	59.78	0.16	0.43	SLV_02	10.04	0.08	0.05
	2	R80x30-19	SLV_01	103.31	0.21	0.56	SLV_02	10.04	0.10	0.04
2646	1	R80x30-19	SLV_01	-103.47	0.21	0.56	SLV_02	-9.71	0.10	0.04
	2	R80x30-17	SLV_01	-59.94	0.16	0.43	SLV_02	-9.71	0.08	0.05
2647	1	R80x30-17	SLV_01	79.25	0.16	0.57	SLV_02	19.88	0.08	0.10
	2	R80x30-19	SLV_01	105.43	0.21	0.57	SLV_02	19.88	0.10	0.08
2648	1	R80x30-19	SLV_01	-106.02	0.21	0.57	SLV_02	-20.27	0.10	0.08
	2	R80x30-17	SLV_01	-79.72	0.16	0.58	SLV_02	-20.27	0.08	0.10
2649	1	R80x30-20	SLV_01	-39.37	0.16	0.28	SLV_02	9.35	0.08	0.05
	2	R80x30-17	SLV_01	60.15	0.16	0.17	SLV_02	9.35	0.08	0.02
	3	R80x30-19	SLV_01	103.58	0.21	0.56	SLV_02	9.35	0.10	0.04
2650	1	R100x30-76	SLV_01	-123.03	0.31	0.44	SLV_02	14.55	0.16	0.03
	2	R100x30-77	SLV_01	-69.16	0.21	0.38	SLV_02	14.55	0.10	0.04
2651	1	R100x30-74	SLV_01	84.29	0.21	0.46	SLV_02	27.10	0.10	0.08
	2	R100x30-75	SLV_01	103.65	0.21	0.56	SLV_02	27.10	0.10	0.08
2652	1	R100x30-79	SLV_01	-130.88	0.31	0.47	SLV_02	28.28	0.16	0.06
	2	R100x30-73	SLV_01	-98.41	0.21	0.21	SLV_02	28.28	0.10	0.03
	3	R100x30-80	SLV_01	-65.94	0.21	0.36	SLV_02	28.28	0.10	0.08
	1	R100x30-80	SLV_01	-49.62	0.21	0.27	SLV_02	-13.77	0.10	0.04

2653	2	R100x30-77	SLV_01	74.48	0.21	0.16	SLV_02	-13.77	0.10	0.02
	3	R100x30-79	SLV_01	128.48	0.31	0.46	SLV_02	-13.77	0.16	0.03
	1	R100x30-75	SLV_02	-76.03	0.21	0.41	SLV_02	-22.09	0.10	0.06
2654	2	R100x30-74	SLV_02	-60.92	0.21	0.13	SLV_02	-22.09	0.10	0.03
	3	R100x30-77	SLV_02	-30.70	0.21	0.17	SLV_02	-22.09	0.10	0.06
	1	R100x30-77	SLV_02	30.41	0.21	0.16	SLV_02	22.18	0.10	0.06
2655	2	R100x30-74	SLV_02	60.63	0.21	0.13	SLV_02	22.18	0.10	0.03
	3	R100x30-75	SLV_02	75.74	0.21	0.41	SLV_02	22.18	0.10	0.06
	1	R100x30-79	SLV_01	-128.80	0.31	0.47	SLV_02	13.22	0.16	0.03
2656	2	R100x30-77	SLV_01	-74.80	0.21	0.16	SLV_02	13.22	0.10	0.02
	3	R100x30-81	SLV_01	49.59	0.21	0.27	SLV_02	13.22	0.10	0.04
	1	R100x30-80	SLV_01	66.51	0.21	0.36	SLV_02	-25.63	0.10	0.07
2657	2	R100x30-73	SLV_01	98.98	0.21	0.21	SLV_02	-25.63	0.10	0.03
	3	R100x30-79	SLV_01	131.46	0.31	0.48	SLV_02	-25.63	0.16	0.05
	1	R100x30-79	SLV_01	-133.18	0.31	0.48	SLV_02	-27.96	0.16	0.06
2658	2	R100x30-73	SLV_01	-100.56	0.21	0.55	SLV_02	-27.96	0.10	0.08
	1	R100x30-80	SLV_01	-50.67	0.21	0.27	SLV_02	-14.34	0.10	0.04
2659	2	R100x30-77	SLV_01	73.26	0.21	0.16	SLV_02	-14.34	0.10	0.02
	3	R100x30-76	SLV_01	127.14	0.31	0.46	SLV_02	-14.34	0.16	0.03
2660	1	R100x30-67	SLV_01	-52.34	0.21	0.28	SLV_02	14.06	0.10	0.04
2661	1	R100x30-67	SLV_01	50.55	0.21	0.27	SLV_02	19.90	0.10	0.06
	1	R100x30-82	SLV_02	-110.45	0.21	0.60	SLV_02	25.40	0.10	0.07
2662	2	R100x30-67	SLV_02	-85.35	0.21	0.46	SLV_02	25.40	0.10	0.07
	1	R100x30-67	SLV_01	59.91	0.21	0.32	SLV_02	-13.26	0.10	0.04
2663	2	R100x30-82	SLV_01	105.66	0.21	0.57	SLV_02	-13.26	0.10	0.04
	1	R100x30-83	SLV_02	-123.11	0.31	0.45	SLV_02	15.12	0.16	0.03
2664	2	R100x30-67	SLV_02	-90.36	0.21	0.49	SLV_02	15.12	0.10	0.04
	1	R100x30-67	SLV_02	90.74	0.21	0.49	SLV_02	-15.20	0.10	0.04
2665	2	R100x30-83	SLV_02	123.49	0.31	0.45	SLV_02	-15.20	0.16	0.03
	1	R100x30-82	SLV_01	-105.76	0.21	0.57	SLV_02	12.79	0.10	0.04
2666	2	R100x30-67	SLV_01	-60.02	0.21	0.33	SLV_02	12.79	0.10	0.04
	1	R100x30-67	SLV_01	85.99	0.21	0.47	SLV_02	-22.35	0.10	0.06
2667	2	R100x30-82	SLV_01	111.37	0.21	0.60	SLV_02	-22.35	0.10	0.06
	1	R100x30-82	SLV_01	-80.30	0.21	0.44	SLV_02	-21.56	0.10	0.06
2668	2	R100x30-67	SLV_01	-61.48	0.21	0.33	SLV_02	-21.56	0.10	0.06
2669	1	R100x30-67	SLV_01	56.17	0.21	0.30	SLV_02	-13.94	0.10	0.04
2670	1	R50x30-21	SLV_02	-13.46	0.10	0.15	SLV_02	-2.00	0.10	0.01
2675	1	R50x30-19	SLV_02	15.24	0.10	0.17	SLV_02	-1.45	0.10	0.01
2680	1	R50x30-19	SLV_02	14.74	0.10	0.16	SLV_02	1.41	0.10	0.01
2685	1	R50x30-19	SLV_02	14.02	0.10	0.15	SLV_02	-1.41	0.10	0.01
2690	1	R50x30-19	SLV_02	13.56	0.10	0.15	SLV_02	1.39	0.10	0.01
2695	1	R50x30-19	SLV_02	11.06	0.10	0.12	SLV_02	2.16	0.10	0.01
2700	1	R50x30-19	SLV_02	10.88	0.10	0.12	SLV_02	-2.10	0.10	0.01
2705	1	R50x30-19	SLV_02	13.34	0.10	0.14	SLV_02	-1.24	0.10	0.01
2710	1	R50x30-19	SLV_02	13.69	0.10	0.15	SLV_02	1.29	0.10	0.01
2715	1	R50x30-19	SLV_02	13.89	0.10	0.15	SLV_02	1.32	0.10	0.01
2720	1	R50x30-19	SLV_02	13.85	0.10	0.15	SLV_02	1.44	0.10	0.01
2725	1	R50x30-19	SLV_02	-12.22	0.10	0.13	SLV_02	1.89	0.10	0.01
2730	1	R70x30-8	SLV_01	-20.89	0.16	0.15	SLV_02	4.73	0.08	0.03

2731	1	R70x30-8	SLV_01	32.04	0.16	0.23	SLV_02	7.54	0.08	0.04
2732	1	R70x30-8	SLV_02	35.67	0.16	0.26	SLV_02	11.49	0.08	0.06
2733	1	R70x30-10	SLV_01	-55.18	0.16	0.40	SLV_02	-13.01	0.08	0.07
2734	1	R70x30-10	SLV_01	47.05	0.16	0.34	SLV_02	13.76	0.08	0.08
2735	1	R70x30-11	SLV_01	-81.57	0.16	0.59	SLV_02	-7.02	0.08	0.04
	2	R70x30-10	SLV_01	-60.37	0.16	0.44	SLV_02	-7.02	0.08	0.04
2736	1	R70x30-10	SLV_01	60.37	0.16	0.44	SLV_02	7.03	0.08	0.04
	2	R70x30-11	SLV_01	81.56	0.16	0.59	SLV_02	7.03	0.08	0.04
2737	1	R70x30-8	SLV_01	-46.78	0.16	0.34	SLV_02	-13.02	0.08	0.07
2738	1	R70x30-8	SLV_01	55.67	0.16	0.40	SLV_02	12.89	0.08	0.07
2739	1	R70x30-9	SLV_02	-34.77	0.16	0.25	SLV_02	-10.39	0.08	0.06
2740	1	R70x30-9	SLV_01	-31.79	0.16	0.23	SLV_02	-7.04	0.08	0.04
2741	1	R70x30-9	SLV_01	20.85	0.16	0.15	SLV_02	-4.52	0.08	0.03
2742	1	R80x30-24	SLV_01	-103.37	0.21	0.56	SLV_02	-9.15	0.10	0.03
	2	R80x30-23	SLV_01	-59.94	0.16	0.43	SLV_02	-9.15	0.08	0.04
2743	1	R80x30-23	SLV_01	79.83	0.16	0.58	SLV_02	20.40	0.08	0.10
	2	R80x30-24	SLV_01	106.13	0.21	0.58	SLV_02	20.40	0.10	0.08
2744	1	R80x30-24	SLV_01	-105.47	0.21	0.57	SLV_02	-19.04	0.10	0.07
	2	R80x30-23	SLV_01	-79.30	0.16	0.57	SLV_02	-19.04	0.08	0.09
2745	1	R80x30-23	SLV_01	59.95	0.16	0.43	SLV_02	9.01	0.08	0.04
	2	R80x30-24	SLV_01	103.48	0.21	0.56	SLV_02	9.01	0.10	0.03
2746	1	R80x30-24	SLV_01	-103.69	0.21	0.56	SLV_02	-8.80	0.10	0.03
	2	R80x30-23	SLV_01	-60.16	0.16	0.44	SLV_02	-8.80	0.08	0.04
2747	1	R80x30-23	SLV_01	79.79	0.16	0.58	SLV_02	18.24	0.08	0.09
	2	R80x30-24	SLV_01	105.97	0.21	0.57	SLV_02	18.24	0.10	0.07
2748	1	R80x30-24	SLV_01	-106.70	0.21	0.58	SLV_02	-19.43	0.10	0.07
	2	R80x30-23	SLV_01	-80.40	0.16	0.58	SLV_02	-19.43	0.08	0.09
2749	1	R80x30-23	SLV_01	60.42	0.16	0.44	SLV_02	8.72	0.08	0.04
	2	R80x30-24	SLV_01	103.85	0.21	0.56	SLV_02	8.72	0.10	0.03
2750	1	R100x30-76	SLV_01	-127.03	0.31	0.46	SLV_02	13.87	0.16	0.03
	2	R100x30-77	SLV_01	-73.16	0.21	0.16	SLV_02	13.87	0.10	0.02
	3	R100x30-80	SLV_01	52.26	0.21	0.28	SLV_02	13.87	0.10	0.04
2751	1	R100x30-73	SLV_01	101.91	0.21	0.55	SLV_02	27.60	0.10	0.08
	2	R100x30-79	SLV_01	134.54	0.31	0.49	SLV_02	27.60	0.16	0.05
2752	1	R100x30-79	SLV_01	-131.70	0.31	0.48	SLV_02	26.36	0.16	0.05
	2	R100x30-73	SLV_01	-99.23	0.21	0.54	SLV_02	26.36	0.10	0.08
2753	1	R100x30-80	SLV_01	-50.25	0.21	0.27	SLV_02	-12.42	0.10	0.04
	2	R100x30-77	SLV_01	74.74	0.21	0.16	SLV_02	-12.42	0.10	0.01
	3	R100x30-79	SLV_01	128.73	0.31	0.47	SLV_02	-12.42	0.16	0.02
2754	1	R100x30-75	SLV_02	-77.42	0.21	0.42	SLV_02	-18.09	0.10	0.05
	2	R100x30-74	SLV_02	-62.31	0.21	0.34	SLV_02	-18.09	0.10	0.05
2755	1	R100x30-74	SLV_02	62.03	0.21	0.34	SLV_02	18.18	0.10	0.05
	2	R100x30-75	SLV_02	77.15	0.21	0.42	SLV_02	18.18	0.10	0.05
2756	1	R100x30-79	SLV_01	-128.97	0.31	0.47	SLV_02	12.04	0.16	0.02
	2	R100x30-77	SLV_01	-74.98	0.21	0.16	SLV_02	12.04	0.10	0.01
	3	R100x30-80	SLV_01	50.58	0.21	0.27	SLV_02	12.04	0.10	0.03
2757	1	R100x30-73	SLV_01	100.32	0.21	0.54	SLV_02	-25.43	0.10	0.07
	2	R100x30-79	SLV_01	132.80	0.31	0.48	SLV_02	-25.43	0.16	0.05
2758	1	R100x30-79	SLV_01	-133.48	0.31	0.48	SLV_02	-26.46	0.16	0.05

2758	2	R100x30-73	SLV_01	-100.86	0.21	0.55	SLV_02	-26.46	0.10	0.08
	1	R100x30-80	SLV_01	-51.13	0.21	0.28	SLV_02	-13.23	0.10	0.04
2759	2	R100x30-77	SLV_01	73.49	0.21	0.16	SLV_02	-13.23	0.10	0.02
	3	R100x30-76	SLV_01	127.36	0.31	0.46	SLV_02	-13.23	0.16	0.03
2760	1	R100x30-67	SLV_01	-56.21	0.21	0.30	SLV_02	13.98	0.10	0.04
2761	1	R100x30-67	SLV_01	61.77	0.21	0.33	SLV_02	21.02	0.10	0.06
	2	R100x30-82	SLV_01	80.61	0.21	0.44	SLV_02	21.02	0.10	0.06
2762	1	R100x30-82	SLV_02	-110.60	0.21	0.60	SLV_02	-23.64	0.10	0.07
	2	R100x30-67	SLV_02	-85.49	0.21	0.46	SLV_02	-23.64	0.10	0.07
2763	1	R100x30-67	SLV_01	59.94	0.21	0.33	SLV_02	11.83	0.10	0.03
	2	R100x30-82	SLV_01	105.68	0.21	0.57	SLV_02	11.83	0.10	0.03
2764	1	R100x30-83	SLV_02	-124.42	0.31	0.45	SLV_02	-12.47	0.16	0.02
	2	R100x30-67	SLV_02	-91.67	0.21	0.50	SLV_02	-12.47	0.10	0.04
2765	1	R100x30-67	SLV_02	92.07	0.21	0.50	SLV_02	12.64	0.10	0.04
	2	R100x30-83	SLV_02	124.81	0.31	0.45	SLV_02	12.64	0.16	0.03
2766	1	R100x30-82	SLV_01	-105.73	0.21	0.57	SLV_02	-11.51	0.10	0.03
	2	R100x30-67	SLV_01	-59.98	0.21	0.33	SLV_02	-11.51	0.10	0.03
2767	1	R100x30-67	SLV_01	86.79	0.21	0.47	SLV_02	22.67	0.10	0.06
	2	R100x30-82	SLV_01	112.17	0.21	0.61	SLV_02	22.67	0.10	0.06
2768	1	R100x30-82	SLV_01	-80.40	0.21	0.44	SLV_02	-20.08	0.10	0.06
	2	R100x30-67	SLV_01	-61.58	0.21	0.33	SLV_02	-20.08	0.10	0.06
2769	1	R100x30-67	SLV_01	56.64	0.21	0.31	SLV_02	-13.33	0.10	0.04
2770	1	R50x30-21	SLV_02	-14.18	0.10	0.15	SLV_02	-1.82	0.10	0.01
2775	1	R50x30-21	SLV_02	16.18	0.10	0.18	SLV_02	-1.40	0.10	0.01
2780	1	R50x30-21	SLV_02	15.69	0.10	0.17	SLV_02	-1.33	0.10	0.01
2785	1	R50x30-19	SLV_02	14.94	0.10	0.16	SLV_02	-1.33	0.10	0.01
2790	1	R50x30-19	SLV_02	14.49	0.10	0.16	SLV_02	-1.34	0.10	0.01
2795	1	R50x30-19	SLV_02	11.86	0.10	0.13	SLV_02	1.88	0.10	0.01
2800	1	R50x30-19	SLV_02	11.70	0.10	0.13	SLV_02	-1.83	0.10	0.01
2805	1	R50x30-19	SLV_02	14.24	0.10	0.15	SLV_02	-1.27	0.10	0.01
281	1	R80x30-17	SLV_01	-94.15	0.16	0.68	SLV_02	12.53	0.08	0.06
	2	R80x30-18	SLV_01	72.81	0.16	0.53	SLV_02	12.53	0.08	0.06
2810	1	R50x30-19	SLV_02	14.58	0.10	0.16	SLV_02	1.27	0.10	0.01
2815	1	R50x30-21	SLV_02	14.69	0.10	0.16	SLV_02	1.26	0.10	0.01
2820	1	R50x30-21	SLV_02	14.52	0.10	0.16	SLV_02	1.33	0.10	0.01
2825	1	R50x30-19	SLV_02	-12.72	0.10	0.14	SLV_02	1.71	0.10	0.01
2830	1	R70x30-17	SLV_01	-20.92	0.16	0.15	SLV_02	4.65	0.08	0.03
2831	1	R70x30-17	SLV_01	31.81	0.16	0.23	SLV_02	7.15	0.08	0.04
2832	1	R70x30-17	SLV_02	37.71	0.16	0.27	SLV_02	10.67	0.08	0.06
2833	1	R70x30-10	SLV_01	-55.82	0.16	0.40	SLV_02	-11.90	0.08	0.07
2834	1	R70x30-10	SLV_01	47.57	0.16	0.34	SLV_02	-12.19	0.08	0.07
2835	1	R70x30-11	SLV_01	-81.83	0.16	0.59	SLV_02	5.74	0.08	0.03
	2	R70x30-10	SLV_01	-60.63	0.16	0.44	SLV_02	5.74	0.08	0.03
2836	1	R70x30-10	SLV_01	60.65	0.16	0.44	SLV_02	5.75	0.08	0.03
	2	R70x30-11	SLV_01	81.84	0.16	0.59	SLV_02	5.75	0.08	0.03
2837	1	R70x30-8	SLV_01	-47.31	0.16	0.34	SLV_02	11.54	0.08	0.06
2838	1	R70x30-8	SLV_01	56.29	0.16	0.41	SLV_02	11.59	0.08	0.06
2839	1	R70x30-8	SLV_02	-37.06	0.16	0.27	SLV_02	-10.04	0.08	0.06
2840	1	R70x30-8	SLV_01	-31.65	0.16	0.23	SLV_02	-6.83	0.08	0.04

2841	1	R70x30-8	SLV_01	21.15	0.16	0.15	SLV_02	-4.37	0.08	0.02
2842	1	R80x30-24	SLV_01	-103.49	0.21	0.56	SLV_02	-7.19	0.10	0.03
	2	R80x30-23	SLV_01	-60.06	0.16	0.43	SLV_02	-7.19	0.08	0.03
2843	1	R80x30-23	SLV_01	79.97	0.16	0.58	SLV_02	15.81	0.08	0.08
	2	R80x30-24	SLV_01	106.27	0.21	0.58	SLV_02	15.81	0.10	0.06
2844	1	R80x30-24	SLV_01	-105.55	0.21	0.57	SLV_02	-14.62	0.10	0.06
	2	R80x30-23	SLV_01	-79.37	0.16	0.57	SLV_02	-14.62	0.08	0.07
2845	1	R80x30-23	SLV_01	60.09	0.16	0.43	SLV_02	6.88	0.08	0.03
	2	R80x30-24	SLV_01	103.62	0.21	0.56	SLV_02	6.88	0.10	0.03
2846	1	R80x30-24	SLV_01	-103.81	0.21	0.56	SLV_02	-6.88	0.10	0.03
	2	R80x30-23	SLV_01	-60.28	0.16	0.44	SLV_02	-6.88	0.08	0.03
2847	1	R80x30-23	SLV_01	79.81	0.16	0.58	SLV_02	14.60	0.08	0.07
	2	R80x30-24	SLV_01	105.99	0.21	0.57	SLV_02	14.60	0.10	0.06
2848	1	R80x30-24	SLV_01	-106.83	0.21	0.58	SLV_02	-15.49	0.10	0.06
	2	R80x30-23	SLV_01	-80.53	0.16	0.58	SLV_02	-15.49	0.08	0.07
2849	1	R80x30-23	SLV_01	60.49	0.16	0.44	SLV_02	7.13	0.08	0.03
	2	R80x30-24	SLV_01	103.92	0.21	0.56	SLV_02	7.13	0.10	0.03
2850	1	R100x30-76	SLV_01	-127.14	0.31	0.46	SLV_02	10.85	0.16	0.02
	2	R100x30-77	SLV_01	-73.26	0.21	0.16	SLV_02	10.85	0.10	0.01
	3	R100x30-80	SLV_01	52.81	0.21	0.29	SLV_02	10.85	0.10	0.03
2851	1	R100x30-73	SLV_01	102.23	0.21	0.55	SLV_02	21.13	0.10	0.06
	2	R100x30-79	SLV_01	134.85	0.31	0.49	SLV_02	21.13	0.16	0.04
2852	1	R100x30-79	SLV_01	-131.87	0.31	0.48	SLV_02	20.19	0.16	0.04
	2	R100x30-73	SLV_01	-99.39	0.21	0.54	SLV_02	20.19	0.10	0.06
2853	1	R100x30-80	SLV_01	-50.70	0.21	0.27	SLV_02	-9.61	0.10	0.03
	2	R100x30-77	SLV_01	74.92	0.21	0.16	SLV_02	-9.61	0.10	0.01
	3	R100x30-79	SLV_01	128.91	0.31	0.47	SLV_02	-9.61	0.16	0.02
2854	1	R100x30-75	SLV_02	-77.55	0.21	0.42	SLV_02	-13.20	0.10	0.04
	2	R100x30-74	SLV_02	-62.44	0.21	0.34	SLV_02	-13.20	0.10	0.04
2855	1	R100x30-74	SLV_02	62.17	0.21	0.34	SLV_02	13.51	0.10	0.04
	2	R100x30-75	SLV_02	77.28	0.21	0.42	SLV_02	13.51	0.10	0.04
2856	1	R100x30-79	SLV_01	-129.11	0.31	0.47	SLV_02	9.64	0.16	0.02
	2	R100x30-77	SLV_01	-75.11	0.21	0.16	SLV_02	9.64	0.10	0.01
	3	R100x30-80	SLV_01	50.96	0.21	0.28	SLV_02	9.64	0.10	0.03
2857	1	R100x30-73	SLV_01	100.38	0.21	0.54	SLV_02	-20.19	0.10	0.06
	2	R100x30-79	SLV_01	132.85	0.31	0.48	SLV_02	-20.19	0.16	0.04
2858	1	R100x30-79	SLV_01	-133.67	0.31	0.48	SLV_02	20.96	0.16	0.04
	2	R100x30-73	SLV_01	-101.04	0.21	0.55	SLV_02	20.96	0.10	0.06
2859	1	R100x30-80	SLV_01	-51.37	0.21	0.28	SLV_02	-10.83	0.10	0.03
	2	R100x30-77	SLV_01	73.60	0.21	0.16	SLV_02	-10.83	0.10	0.01
	3	R100x30-76	SLV_01	127.47	0.31	0.46	SLV_02	-10.83	0.16	0.02
2860	1	R100x30-67	SLV_01	-55.55	0.21	0.30	SLV_02	11.70	0.10	0.03
2861	1	R100x30-67	SLV_01	62.80	0.21	0.34	SLV_02	16.35	0.10	0.05
	2	R100x30-82	SLV_01	81.65	0.21	0.44	SLV_02	16.35	0.10	0.05
2862	1	R100x30-82	SLV_02	-111.02	0.21	0.60	SLV_02	-17.97	0.10	0.05
	2	R100x30-67	SLV_02	-85.92	0.21	0.47	SLV_02	-17.97	0.10	0.05
2863	1	R100x30-67	SLV_01	59.97	0.21	0.33	SLV_02	-8.95	0.10	0.03
	2	R100x30-82	SLV_01	105.71	0.21	0.57	SLV_02	-8.95	0.10	0.03
2864	1	R100x30-83	SLV_02	-125.81	0.31	0.45	SLV_02	-9.14	0.16	0.02

2864	2	R100x30-67	SLV_02	-93.06	0.21	0.50	SLV_02	-9.14	0.10	0.03
2865	1	R100x30-67	SLV_02	93.44	0.21	0.51	SLV_02	9.36	0.10	0.03
	2	R100x30-83	SLV_02	126.18	0.31	0.46	SLV_02	9.36	0.16	0.02
2866	1	R100x30-82	SLV_01	-105.80	0.21	0.57	SLV_02	9.01	0.10	0.03
	2	R100x30-67	SLV_01	-60.05	0.21	0.33	SLV_02	9.01	0.10	0.03
2867	1	R100x30-67	SLV_01	86.85	0.21	0.47	SLV_02	17.95	0.10	0.05
	2	R100x30-82	SLV_01	112.23	0.21	0.61	SLV_02	17.95	0.10	0.05
2868	1	R100x30-82	SLV_01	-81.50	0.21	0.44	SLV_02	-16.62	0.10	0.05
	2	R100x30-67	SLV_01	-62.68	0.21	0.34	SLV_02	-16.62	0.10	0.05
2869	1	R100x30-67	SLV_01	55.99	0.21	0.30	SLV_02	-11.45	0.10	0.03
2870	1	R50x30-21	SLV_02	-14.68	0.10	0.16	SLV_02	-1.46	0.10	0.01
2875	1	R50x30-21	SLV_02	17.26	0.10	0.19	SLV_02	-1.07	0.10	0.01
2880	1	R50x30-21	SLV_02	16.76	0.10	0.18	SLV_02	1.03	0.10	0.01
2885	1	R50x30-21	SLV_02	15.96	0.10	0.17	SLV_02	-1.04	0.10	0.01
2890	1	R50x30-19	SLV_02	15.54	0.10	0.17	SLV_02	1.06	0.10	0.01
2895	1	R50x30-19	SLV_02	12.63	0.10	0.14	SLV_02	1.43	0.10	0.01
2900	1	R50x30-19	SLV_02	12.49	0.10	0.14	SLV_02	-1.43	0.10	0.01
2905	1	R50x30-19	SLV_02	15.31	0.10	0.17	SLV_02	-1.04	0.10	0.01
2910	1	R50x30-21	SLV_02	15.65	0.10	0.17	SLV_02	1.01	0.10	0.01
2915	1	R50x30-21	SLV_02	15.81	0.10	0.17	SLV_02	-0.99	0.10	0.01
292	1	R50x30-21	SLV_02	-6.63	0.10	0.07	SLV_01	0.92	0.10	0.01
2920	1	R50x30-21	SLV_02	15.16	0.10	0.16	SLV_02	1.04	0.10	0.01
2925	1	R50x30-19	SLV_02	-12.77	0.10	0.14	SLV_02	1.38	0.10	0.01
2930	1	R70x30-17	SLV_01	-37.23	0.16	0.27	SLV_02	4.13	0.08	0.02
2931	1	R70x30-17	SLV_01	45.43	0.16	0.33	SLV_02	7.01	0.08	0.04
2932	1	R70x30-17	SLV_02	48.05	0.16	0.35	SLV_02	9.88	0.08	0.05
2933	1	R70x30-12	SLV_01	-65.77	0.16	0.48	SLV_02	-10.35	0.08	0.06
2934	1	R70x30-12	SLV_01	57.49	0.16	0.42	SLV_02	10.45	0.08	0.06
2935	1	R70x30-14	SLV_01	-97.52	0.21	0.53	SLV_02	-4.83	0.10	0.02
	2	R70x30-12	SLV_01	-71.97	0.16	0.52	SLV_02	-4.83	0.08	0.03
2936	1	R70x30-12	SLV_01	72.04	0.16	0.52	SLV_02	4.84	0.08	0.03
	2	R70x30-14	SLV_01	97.58	0.21	0.53	SLV_02	4.84	0.10	0.02
2937	1	R70x30-8	SLV_01	-57.32	0.16	0.41	SLV_02	-10.21	0.08	0.06
2938	1	R70x30-8	SLV_01	66.36	0.16	0.48	SLV_02	10.51	0.08	0.06
2939	1	R70x30-8	SLV_02	-47.58	0.16	0.34	SLV_02	-9.65	0.08	0.05
2940	1	R70x30-8	SLV_02	-45.42	0.16	0.33	SLV_02	-7.00	0.08	0.04
2941	1	R70x30-8	SLV_01	37.41	0.16	0.27	SLV_02	-3.97	0.08	0.02
2942	1	R80x30-24	SLV_01	-103.37	0.21	0.56	SLV_02	-6.14	0.10	0.02
	2	R80x30-23	SLV_01	-59.94	0.16	0.43	SLV_02	-6.14	0.08	0.03
2943	1	R80x30-23	SLV_01	79.80	0.16	0.58	SLV_02	-13.03	0.08	0.06
	2	R80x30-24	SLV_01	106.10	0.21	0.58	SLV_02	-13.03	0.10	0.05
2944	1	R80x30-24	SLV_01	-105.59	0.21	0.57	SLV_02	-11.58	0.10	0.04
	2	R80x30-23	SLV_01	-79.42	0.16	0.57	SLV_02	-11.58	0.08	0.06
2945	1	R80x30-23	SLV_01	60.14	0.16	0.43	SLV_02	5.31	0.08	0.03
	2	R80x30-24	SLV_01	103.67	0.21	0.56	SLV_02	5.31	0.10	0.02
2946	1	R80x30-24	SLV_01	-103.70	0.21	0.56	SLV_02	-5.67	0.10	0.02
	2	R80x30-23	SLV_01	-60.17	0.16	0.44	SLV_02	-5.67	0.08	0.03
2947	1	R80x30-23	SLV_01	79.67	0.16	0.58	SLV_02	12.57	0.08	0.06
	2	R80x30-24	SLV_01	105.85	0.21	0.57	SLV_02	12.57	0.10	0.05

2948	1	R80x30-24	SLV_01	-107.53	0.21	0.58	SLV_02	15.84	0.10	0.06
	2	R80x30-23	SLV_01	-81.23	0.16	0.59	SLV_02	15.84	0.08	0.08
2949	1	R80x30-23	SLV_01	60.95	0.16	0.44	SLV_02	-5.50	0.08	0.03
	2	R80x30-24	SLV_01	104.38	0.21	0.57	SLV_02	-5.50	0.10	0.02
2950	1	R100x30-76	SLV_01	-126.91	0.31	0.46	SLV_02	-9.41	0.16	0.02
	2	R100x30-77	SLV_01	-73.04	0.21	0.16	SLV_02	-9.41	0.10	0.01
	3	R100x30-80	SLV_01	52.97	0.21	0.29	SLV_02	-9.41	0.10	0.03
2951	1	R100x30-73	SLV_01	102.07	0.21	0.55	SLV_02	-18.38	0.10	0.05
	2	R100x30-79	SLV_01	134.69	0.31	0.49	SLV_02	-18.38	0.16	0.04
2952	1	R100x30-79	SLV_01	-131.65	0.31	0.48	SLV_02	15.66	0.16	0.03
	2	R100x30-73	SLV_01	-99.18	0.21	0.54	SLV_02	15.66	0.10	0.04
2953	1	R100x30-80	SLV_01	-50.91	0.21	0.28	SLV_02	-7.60	0.10	0.02
	2	R100x30-77	SLV_01	74.82	0.21	0.16	SLV_02	-7.60	0.10	0.01
	3	R100x30-79	SLV_01	128.81	0.31	0.47	SLV_02	-7.60	0.16	0.01
2954	1	R100x30-75	SLV_02	-77.71	0.21	0.42	SLV_02	-11.37	0.10	0.03
	2	R100x30-74	SLV_02	-62.60	0.21	0.34	SLV_02	-11.37	0.10	0.03
2955	1	R100x30-74	SLV_02	62.36	0.21	0.34	SLV_02	-11.67	0.10	0.03
	2	R100x30-75	SLV_02	77.47	0.21	0.42	SLV_02	-11.67	0.10	0.03
2956	1	R100x30-79	SLV_01	-128.74	0.31	0.47	SLV_02	8.19	0.16	0.02
	2	R100x30-77	SLV_01	-74.74	0.21	0.16	SLV_02	8.19	0.10	0.01
	3	R100x30-80	SLV_01	50.93	0.21	0.28	SLV_02	8.19	0.10	0.02
2957	1	R100x30-73	SLV_01	99.81	0.21	0.54	SLV_02	-17.05	0.10	0.05
	2	R100x30-79	SLV_01	132.29	0.31	0.48	SLV_02	-17.05	0.16	0.03
2958	1	R100x30-79	SLV_01	-135.07	0.31	0.49	SLV_02	-19.92	0.16	0.04
	2	R100x30-73	SLV_01	-102.45	0.21	0.56	SLV_02	-19.92	0.10	0.06
2959	1	R100x30-80	SLV_01	-52.62	0.21	0.29	SLV_02	9.06	0.10	0.03
	2	R100x30-77	SLV_01	73.89	0.21	0.16	SLV_02	9.06	0.10	0.01
	3	R100x30-76	SLV_01	127.76	0.31	0.46	SLV_02	9.06	0.16	0.02
2960	1	R100x30-67	SLV_01	-55.74	0.21	0.30	SLV_02	9.83	0.10	0.03
2961	1	R100x30-67	SLV_01	63.04	0.21	0.34	SLV_02	14.42	0.10	0.04
	2	R100x30-82	SLV_01	81.88	0.21	0.44	SLV_02	14.42	0.10	0.04
2962	1	R100x30-82	SLV_02	-111.34	0.21	0.60	SLV_02	13.96	0.10	0.04
	2	R100x30-67	SLV_02	-86.24	0.21	0.47	SLV_02	13.96	0.10	0.04
2963	1	R100x30-67	SLV_01	59.61	0.21	0.32	SLV_02	-6.99	0.10	0.02
	2	R100x30-82	SLV_01	105.35	0.21	0.57	SLV_02	-6.99	0.10	0.02
2964	1	R100x30-83	SLV_02	-126.84	0.31	0.46	SLV_02	-8.77	0.16	0.02
	2	R100x30-67	SLV_02	-94.10	0.21	0.51	SLV_02	-8.77	0.10	0.03
2965	1	R100x30-67	SLV_02	94.40	0.21	0.51	SLV_02	-8.86	0.10	0.03
	2	R100x30-83	SLV_02	127.15	0.31	0.46	SLV_02	-8.86	0.16	0.02
2966	1	R100x30-82	SLV_01	-105.32	0.21	0.57	SLV_02	7.64	0.10	0.02
	2	R100x30-67	SLV_01	-59.58	0.21	0.32	SLV_02	7.64	0.10	0.02
2967	1	R100x30-67	SLV_02	86.69	0.21	0.47	SLV_02	-15.39	0.10	0.04
	2	R100x30-82	SLV_02	112.06	0.21	0.61	SLV_02	-15.39	0.10	0.04
2968	1	R100x30-82	SLV_01	-81.58	0.21	0.44	SLV_02	-14.11	0.10	0.04
	2	R100x30-67	SLV_01	-62.75	0.21	0.34	SLV_02	-14.11	0.10	0.04
2969	1	R100x30-67	SLV_01	56.20	0.21	0.30	SLV_02	-10.27	0.10	0.03
2970	1	R50x30-19	SLV_02	-14.88	0.10	0.16	SLV_02	1.36	0.10	0.01
2975	1	R50x30-28	SLV_02	17.39	0.10	0.19	SLV_02	0.98	0.10	0.01
2980	1	R50x30-28	SLV_02	16.91	0.10	0.18	SLV_02	0.86	0.10	0.01

2985	1	R50x30-21	SLV_02	16.21	0.10	0.18	SLV_02	0.83	0.10	0.01
2990	1	R50x30-19	SLV_02	15.73	0.10	0.17	SLV_02	0.81	0.10	0.00
2995	1	R50x30-19	SLV_02	12.85	0.10	0.14	SLV_02	1.15	0.10	0.01
3000	1	R50x30-19	SLV_02	12.67	0.10	0.14	SLV_02	-1.21	0.10	0.01
3005	1	R50x30-19	SLV_02	15.25	0.10	0.17	SLV_02	-0.86	0.10	0.01
3010	1	R50x30-21	SLV_02	15.55	0.10	0.17	SLV_02	-0.87	0.10	0.01
3015	1	R50x30-28	SLV_02	15.28	0.10	0.17	SLV_01	-0.90	0.10	0.01
3020	1	R50x30-28	SLV_02	16.38	0.10	0.18	SLV_02	-0.91	0.10	0.01
3025	1	R50x30-19	SLV_02	-14.58	0.10	0.16	SLV_02	-1.37	0.10	0.01
3030	1	R70x30-9	SLV_01	-37.57	0.16	0.27	SLV_02	3.33	0.08	0.02
3031	1	R70x30-9	SLV_01	45.20	0.16	0.33	SLV_02	5.50	0.08	0.03
3032	1	R70x30-9	SLV_02	50.30	0.16	0.36	SLV_02	-7.77	0.08	0.04
3033	1	R70x30-12	SLV_01	-66.39	0.16	0.48	SLV_02	-8.23	0.08	0.05
3034	1	R70x30-12	SLV_01	57.45	0.16	0.42	SLV_02	8.37	0.08	0.05
3035	1	R70x30-14	SLV_01	-97.59	0.21	0.53	SLV_02	4.55	0.10	0.02
	2	R70x30-12	SLV_01	-72.05	0.16	0.52	SLV_02	4.55	0.08	0.03
3036	1	R70x30-12	SLV_01	72.10	0.16	0.52	SLV_02	-4.61	0.08	0.03
	2	R70x30-14	SLV_01	97.65	0.21	0.53	SLV_02	-4.61	0.10	0.02
3037	1	R70x30-9	SLV_01	-57.09	0.16	0.41	SLV_02	-8.95	0.08	0.05
3038	1	R70x30-9	SLV_01	66.89	0.16	0.48	SLV_02	9.07	0.08	0.05
3039	1	R70x30-9	SLV_02	-48.96	0.16	0.35	SLV_02	7.70	0.08	0.04
3040	1	R70x30-9	SLV_01	-45.11	0.16	0.33	SLV_02	5.61	0.08	0.03
3041	1	R70x30-9	SLV_01	37.82	0.16	0.27	SLV_02	-3.37	0.08	0.02
3042	1	R80x30-33	SLV_01	-117.73	0.31	0.43	SLV_02	-10.07	0.16	0.03
	2	R80x30-31	SLV_01	-68.02	0.16	0.49	SLV_02	-10.07	0.08	0.05
3043	1	R80x30-21	SLV_01	90.96	0.23	0.46	SLV_02	-21.85	0.11	0.07
	2	R80x30-33	SLV_01	121.05	0.31	0.44	SLV_02	-21.85	0.16	0.05
3044	1	R80x30-33	SLV_01	-120.72	0.31	0.44	SLV_02	19.59	0.16	0.05
	2	R80x30-21	SLV_01	-90.76	0.23	0.46	SLV_02	19.59	0.11	0.07
3045	1	R80x30-31	SLV_01	68.30	0.16	0.49	SLV_02	9.62	0.08	0.05
	2	R80x30-33	SLV_01	118.12	0.31	0.43	SLV_02	9.62	0.16	0.02
3046	1	R80x30-33	SLV_01	-117.96	0.31	0.43	SLV_02	-10.25	0.16	0.03
	2	R80x30-34	SLV_01	-68.14	0.16	0.49	SLV_02	-10.25	0.08	0.05
3047	1	R80x30-21	SLV_01	90.64	0.23	0.46	SLV_02	-21.03	0.11	0.07
	2	R80x30-33	SLV_01	120.60	0.31	0.44	SLV_02	-21.03	0.16	0.05
3048	1	R100x30-87	SLV_01	-175.02	0.42	0.47	SLV_02	-17.06	0.21	0.03
	2	R100x30-88	SLV_01	-100.38	0.21	0.22	SLV_02	-17.06	0.10	0.02
	3	R100x30-89	SLV_01	68.56	0.21	0.37	SLV_02	-17.06	0.10	0.05
3049	1	R100x30-63	SLV_01	138.08	0.30	0.52	SLV_02	-32.45	0.15	0.06
	2	R100x30-91	SLV_01	183.28	0.42	0.50	SLV_02	-32.45	0.21	0.05
3050	1	R100x30-95	SLV_01	-156.11	0.31	0.56	SLV_02	27.87	0.16	0.06
	2	R100x30-64	SLV_01	-117.26	0.30	0.44	SLV_02	27.87	0.15	0.06
3051	1	R100x30-85	SLV_01	88.46	0.21	0.48	SLV_02	13.35	0.10	0.04
	2	R100x30-96	SLV_01	153.05	0.31	0.55	SLV_02	13.35	0.16	0.03
3052	1	R100x30-97	SLV_02	-86.22	0.21	0.47	SLV_02	-22.95	0.10	0.07
	2	R100x30-85	SLV_02	-68.14	0.21	0.37	SLV_02	-22.95	0.10	0.07
3053	1	R100x30-85	SLV_02	67.93	0.21	0.37	SLV_02	20.48	0.10	0.06
	2	R100x30-97	SLV_02	86.00	0.21	0.47	SLV_02	20.48	0.10	0.06
3054	1	R100x30-96	SLV_01	-152.77	0.31	0.55	SLV_02	-14.23	0.16	0.03

3054	2	R100x30-85	SLV_01	-88.17	0.21	0.48	SLV_02	-14.23	0.10	0.04
3055	1	R100x30-64	SLV_01	117.50	0.30	0.44	SLV_02	-29.98	0.15	0.06
	2	R100x30-95	SLV_01	156.35	0.31	0.57	SLV_02	-29.98	0.16	0.06
3056	1	R100x30-99	SLV_01	-61.80	0.21	0.34	SLV_02	-13.98	0.10	0.04
3057	1	R100x30-99	SLV_02	66.41	0.21	0.36	SLV_02	-19.64	0.10	0.06
	2	R100x30-100	SLV_02	87.87	0.21	0.48	SLV_02	-19.64	0.10	0.06
3058	1	R100x30-101	SLV_02	-125.63	0.23	0.63	SLV_02	24.42	0.11	0.07
	2	R100x30-102	SLV_02	-96.28	0.23	0.48	SLV_02	24.42	0.11	0.06
3059	1	R100x30-103	SLV_01	68.09	0.23	0.34	SLV_02	12.87	0.11	0.03
	2	R100x30-101	SLV_01	121.44	0.23	0.61	SLV_02	12.87	0.11	0.04
3060	1	R120x30-6	SLV_02	-149.63	0.31	0.54	SLV_02	-22.73	0.16	0.04
	2	R120x30-7	SLV_02	-111.47	0.21	0.60	SLV_02	-22.73	0.10	0.06
3061	1	R120x30-7	SLV_02	111.14	0.21	0.60	SLV_02	21.89	0.10	0.06
	2	R120x30-6	SLV_02	149.30	0.31	0.54	SLV_02	21.89	0.16	0.04
3062	1	R100x30-101	SLV_01	-121.35	0.23	0.61	SLV_02	-13.36	0.11	0.04
	2	R100x30-103	SLV_01	-68.00	0.23	0.34	SLV_02	-13.36	0.11	0.04
3063	1	R100x30-102	SLV_02	97.93	0.23	0.49	SLV_02	-26.14	0.11	0.07
	2	R100x30-101	SLV_02	127.58	0.23	0.64	SLV_02	-26.14	0.11	0.07
3064	1	R100x30-104	SLV_02	-87.62	0.21	0.48	SLV_02	21.63	0.10	0.06
	2	R100x30-99	SLV_02	-66.19	0.21	0.36	SLV_02	21.63	0.10	0.06
3065	1	R100x30-99	SLV_01	61.92	0.21	0.34	SLV_02	-13.75	0.10	0.04
3066	1	R50x30-21	SLV_02	-14.73	0.10	0.16	SLV_02	2.32	0.10	0.01
3071	1	R50x30-28	SLV_02	18.14	0.10	0.20	SLV_02	1.71	0.10	0.01
3076	1	R50x30-28	SLV_02	17.05	0.10	0.18	SLV_02	1.53	0.10	0.01
3081	1	R50x30-21	SLV_02	15.85	0.10	0.17	SLV_02	-1.43	0.10	0.01
3086	1	R50x30-21	SLV_02	16.38	0.10	0.18	SLV_02	-1.36	0.10	0.01
3091	1	R50x30-19	SLV_02	13.25	0.10	0.14	SLV_02	-2.06	0.10	0.01
3096	1	R50x30-19	SLV_02	13.27	0.10	0.14	SLV_02	2.24	0.10	0.01
3101	1	R50x30-21	SLV_02	16.52	0.10	0.18	SLV_02	1.56	0.10	0.01
3106	1	R50x30-28	SLV_02	16.08	0.10	0.17	SLV_02	1.54	0.10	0.01
3111	1	L60x90-30	SLV_02	174.20	0.06	0.93	SLV_02	28.50	0.06	0.27
3116	1	R70x30-8	SLV_02	-21.32	0.16	0.15	SLV_02	-4.46	0.08	0.02
3117	1	R70x30-8	SLV_02	33.86	0.16	0.24	SLV_02	-7.02	0.08	0.04
3118	1	R70x30-8	SLV_02	36.56	0.16	0.26	SLV_02	-9.51	0.08	0.05
3119	1	R70x30-12	SLV_01	-54.17	0.16	0.39	SLV_02	11.76	0.08	0.07
3120	1	R70x30-12	SLV_01	48.75	0.16	0.35	SLV_02	11.85	0.08	0.07
3121	1	R70x30-14	SLV_01	-89.73	0.21	0.49	SLV_02	-7.33	0.10	0.03
	2	R70x30-12	SLV_01	-65.94	0.16	0.48	SLV_02	-7.33	0.08	0.04
3122	1	R70x30-12	SLV_01	66.04	0.16	0.48	SLV_02	7.30	0.08	0.04
	2	R70x30-14	SLV_01	89.82	0.21	0.49	SLV_02	7.30	0.10	0.03
3123	1	R70x30-8	SLV_01	-48.48	0.16	0.35	SLV_02	-12.05	0.08	0.07
3124	1	R70x30-8	SLV_01	54.56	0.16	0.39	SLV_02	-12.47	0.08	0.07
3125	1	R70x30-9	SLV_02	-35.82	0.16	0.26	SLV_02	11.06	0.08	0.06
3126	1	R70x30-9	SLV_01	-33.58	0.16	0.24	SLV_02	7.69	0.08	0.04
3127	1	R70x30-9	SLV_01	21.41	0.16	0.15	SLV_02	-4.34	0.08	0.02
3128	1	L60x90-29	SLV_02	-132.84	0.05	0.85	SLV_02	-16.66	0.05	0.16
3133	1	L60x90-19	SLV_01	-133.58	0.06	0.71	SLV_01	-18.73	0.06	0.18
	2	L60x90-21	SLV_01	-108.89	0.05	0.69	SLV_01	-18.73	0.05	0.21
	1	L60x90-18	SLV_01	130.10	0.05	0.83	SLV_02	30.48	0.05	0.35

3134	2	L60x90-19	SLV_01	146.64	0.06	0.78	SLV_02	30.48	0.06	0.29
	3	L60x90-20	SLV_01	156.97	0.08	0.67	SLV_02	30.48	0.08	0.23
3135	1	L60x90-31	SLV_01	-210.89	0.11	0.63	SLV_02	-39.72	0.11	0.21
	2	L60x90-32	SLV_01	-188.70	0.09	0.70	SLV_02	-39.72	0.09	0.26
	3	L60x90-33	SLV_01	-160.32	0.08	0.72	SLV_02	-39.72	0.08	0.31
3136	1	L60x90-34	SLV_01	-48.11	0.05	0.31	SLV_01	21.79	0.05	0.25
	2	L60x90-35	SLV_01	128.20	0.05	0.82	SLV_01	21.79	0.05	0.25
	3	L60x90-36	SLV_01	172.46	0.08	0.74	SLV_01	21.79	0.08	0.17
3137	1	R50x30-34	SLV_02	58.24	0.10	0.63	SLV_02	-5.67	0.10	0.03
	2	R50x30-35	SLV_02	58.24	0.10	0.25	SLV_02	-5.67	0.10	0.01
	3	R50x30-36	SLV_02	58.24	0.10	0.63	SLV_02	-5.67	0.10	0.04
3138	1	R50x30-54	SLV_02	67.38	0.11	0.68	SLV_02	4.78	0.11	0.03
	2	R50x30-40	SLV_02	67.38	0.11	0.68	SLV_02	4.78	0.11	0.03
3139	1	R50x30-54	SLV_02	71.27	0.11	0.72	SLV_02	-4.97	0.11	0.03
	2	R50x30-40	SLV_02	71.27	0.11	0.72	SLV_02	-4.97	0.11	0.03
3140	1	R50x30-48	SLV_02	71.59	0.10	0.78	SLV_02	6.07	0.10	0.04
	2	R50x30-49	SLV_02	71.59	0.10	0.31	SLV_02	6.07	0.10	0.02
	3	R50x30-50	SLV_02	71.59	0.10	0.78	SLV_02	6.07	0.10	0.04
3161	1	R80x30-27	SLV_01	-81.61	0.16	0.59	SLV_02	-14.57	0.08	0.07
	2	R80x30-28	SLV_01	-46.70	0.16	0.34	SLV_02	-14.57	0.08	0.07
3162	1	R80x30-28	SLV_01	64.22	0.16	0.46	SLV_02	29.12	0.08	0.14
	2	R80x30-29	SLV_01	85.37	0.21	0.46	SLV_02	29.12	0.10	0.11
3163	1	R80x30-27	SLV_01	-84.78	0.16	0.61	SLV_02	-29.97	0.08	0.15
	2	R80x30-28	SLV_01	-63.74	0.16	0.46	SLV_02	-29.97	0.08	0.14
3164	1	R80x30-28	SLV_01	46.78	0.16	0.34	SLV_02	-13.08	0.08	0.06
	2	R80x30-27	SLV_01	81.77	0.16	0.59	SLV_02	-13.08	0.08	0.07
3165	1	R80x30-38	SLV_01	-81.72	0.16	0.59	SLV_02	13.17	0.08	0.07
	2	R80x30-39	SLV_01	-46.72	0.16	0.34	SLV_02	13.17	0.08	0.06
3166	1	R80x30-39	SLV_01	63.81	0.16	0.46	SLV_02	30.80	0.08	0.15
	2	R80x30-38	SLV_01	84.86	0.16	0.61	SLV_02	30.80	0.08	0.16
3167	1	R80x30-39	SLV_01	-7.29	0.16	0.05	SLV_02	27.21	0.08	0.13
3169	1	R100x30-110	SLV_02	-53.01	0.21	0.29	SLV_01	-24.46	0.10	0.07
3170	1	R100x30-110	SLV_02	42.69	0.21	0.23	SLV_01	27.37	0.10	0.08
3171	1	R100x30-110	SLV_02	74.57	0.21	0.40	SLV_02	48.02	0.10	0.14
	2	R100x30-114	SLV_02	92.88	0.21	0.50	SLV_02	48.02	0.10	0.14
3172	1	R100x30-113	SLV_01	-80.11	0.21	0.43	SLV_02	20.51	0.10	0.06
	2	R100x30-110	SLV_01	-45.19	0.21	0.25	SLV_02	20.51	0.10	0.06
3173	1	R100x30-110	SLV_01	89.21	0.21	0.48	SLV_02	-37.23	0.10	0.11
3174	1	R100x30-112	SLV_01	-141.93	0.31	0.51	SLV_02	-43.40	0.16	0.09
	2	R100x30-114	SLV_01	-106.46	0.21	0.58	SLV_02	-43.40	0.10	0.12
3175	1	R100x30-113	SLV_01	78.73	0.21	0.43	SLV_02	-23.53	0.10	0.07
	2	R100x30-112	SLV_01	137.71	0.31	0.50	SLV_02	-23.53	0.16	0.05
3176	1	R100x30-112	SLV_01	-137.50	0.31	0.50	SLV_02	23.87	0.16	0.05
	2	R100x30-113	SLV_01	-78.52	0.21	0.43	SLV_02	23.87	0.10	0.07
3177	1	R100x30-114	SLV_01	106.84	0.21	0.58	SLV_02	45.18	0.10	0.13
	2	R100x30-112	SLV_01	142.31	0.31	0.51	SLV_02	45.18	0.16	0.09
3178	1	R100x30-110	SLV_01	-10.83	0.21	0.06	SLV_02	38.12	0.10	0.11
3180	1	R100x30-114	SLV_01	-85.90	0.21	0.47	SLV_02	-52.49	0.10	0.15
	2	R100x30-110	SLV_01	-67.58	0.21	0.37	SLV_02	-52.49	0.10	0.15

3181	1	R100x30-110	SLV_01	-38.73	0.21	0.21	SLV_01	-26.79	0.10	0.08
3182	1	R100x30-110	SLV_02	53.58	0.21	0.29	SLV_01	27.90	0.10	0.08
3183	1	R120x30-8	SLV_02	-113.10	0.21	0.61	SLV_02	58.83	0.10	0.15
	2	R120x30-9	SLV_02	-92.57	0.21	0.50	SLV_02	58.83	0.10	0.14
3184	1	R120x30-9	SLV_02	-84.41	0.21	0.46	SLV_02	44.11	0.10	0.10
3185	1	R120x30-9	SLV_02	83.61	0.21	0.45	SLV_02	-49.95	0.10	0.12
3186	1	R120x30-9	SLV_02	90.76	0.21	0.49	SLV_02	-57.78	0.10	0.14
	2	R120x30-8	SLV_02	111.29	0.21	0.60	SLV_02	-57.78	0.10	0.14
3187	1	R100x30-106	SLV_01	-62.06	0.21	0.34	SLV_02	34.01	0.10	0.10
3188	1	R100x30-106	SLV_01	59.73	0.21	0.32	SLV_02	-17.27	0.10	0.05
3189	1	R120x30-10	SLV_01	-64.98	0.21	0.35	SLV_02	-26.47	0.10	0.06
3190	1	R120x30-10	SLV_01	64.83	0.21	0.35	SLV_02	27.68	0.10	0.07
3191	1	R100x30-106	SLV_01	-60.08	0.21	0.33	SLV_02	17.90	0.10	0.05
3192	1	R100x30-106	SLV_01	63.06	0.21	0.34	SLV_02	-34.72	0.10	0.10
3193	1	R50x30-21	SLV_02	14.93	0.10	0.16	SLV_02	2.54	0.10	0.02
3198	1	R50x30-19	SLV_02	19.75	0.10	0.21	SLV_02	1.94	0.10	0.01
	1	R50x30-37	SLV_02	22.23	0.10	0.24	SLV_02	2.18	0.10	0.01
3203	2	R50x30-23	SLV_02	22.23	0.10	0.10	SLV_02	2.18	0.10	0.01
	3	R50x30-38	SLV_02	22.23	0.10	0.24	SLV_02	2.18	0.10	0.01
3208	1	R50x30-23	SLV_02	21.39	0.10	0.23	SLV_02	2.67	0.10	0.02
	2	R50x30-41	SLV_02	21.39	0.10	0.23	SLV_02	2.67	0.10	0.02
3213	1	R50x30-21	SLV_02	14.77	0.10	0.16	SLV_02	2.48	0.10	0.01
3218	1	R50x30-21	SLV_02	10.64	0.10	0.12	SLV_02	2.86	0.10	0.02
3223	1	R50x30-21	SLV_02	10.90	0.10	0.12	SLV_02	-2.84	0.10	0.02
3228	1	R50x30-21	SLV_02	15.71	0.10	0.17	SLV_02	-2.44	0.10	0.01
3233	1	R50x30-23	SLV_02	22.63	0.10	0.25	SLV_02	-2.75	0.10	0.02
	2	R50x30-41	SLV_02	22.63	0.10	0.25	SLV_02	-2.75	0.10	0.02
3238	1	R50x30-45	SLV_02	24.66	0.10	0.27	SLV_02	-2.72	0.10	0.02
	2	R50x30-23	SLV_02	24.66	0.10	0.11	SLV_02	-2.72	0.10	0.01
	3	R50x30-46	SLV_02	24.66	0.10	0.27	SLV_02	-2.72	0.10	0.02
3243	1	R50x30-19	SLV_02	24.72	0.10	0.27	SLV_02	-5.37	0.10	0.03
3248	1	R50x30-21	SLV_02	12.84	0.10	0.14	SLV_02	-17.20	0.10	0.10
3253	1	R30x90-8	SLV_02	48.33	0.05	0.31	SLV_02	-12.29	0.05	0.14
3254	1	R30x90-8	SLV_02	48.10	0.05	0.31	SLV_02	-12.20	0.05	0.14
3256	1	R30x90-8	SLV_02	-28.09	0.05	0.18	SLV_02	6.71	0.05	0.07
3258	1	R30x90-8	SLV_02	9.37	0.05	0.06	SLV_02	-7.98	0.05	0.07
3260	1	R30x90-8	SLV_02	58.75	0.05	0.37	SLV_02	11.09	0.05	0.13
3261	1	R30x90-8	SLV_02	58.53	0.05	0.37	SLV_02	10.97	0.05	0.13
3287	1	R100x35-66	SLV_01	-135.60	0.21	0.61	SLV_02	-20.51	0.10	0.06
	2	R100x35-70	SLV_01	-78.87	0.21	0.36	SLV_02	-20.51	0.10	0.06
3288	1	R100x35-140	SLV_01	112.42	0.23	0.47	SLV_02	-39.44	0.11	0.10
	2	R100x35-67	SLV_01	146.78	0.23	0.61	SLV_02	-39.44	0.11	0.11
3289	1	R80x35-20	SLV_01	-109.69	0.21	0.50	SLV_02	-13.21	0.10	0.05
	2	R80x35-19	SLV_01	-64.56	0.16	0.39	SLV_02	-13.21	0.08	0.06
3290	1	R80x35-19	SLV_01	85.61	0.16	0.52	SLV_02	-26.30	0.08	0.13
	2	R80x35-21	SLV_01	112.93	0.21	0.51	SLV_02	-26.30	0.10	0.10
3291	1	R50x80-115	SLV_01	-264.11	0.23	0.44	SLV_02	16.06	0.23	0.04
	2	R50x80-116	SLV_01	-192.70	0.11	0.65	SLV_02	16.06	0.11	0.09
	3	R50x80-117	SLV_01	-49.89	0.09	0.21	SLV_02	16.06	0.09	0.11

3292	1	R50x80-117	SLV_01	50.84	0.09	0.21	SLV_02	-16.25	0.09	0.11
	2	R50x80-116	SLV_01	193.66	0.11	0.65	SLV_02	-16.25	0.11	0.09
	3	R50x80-115	SLV_01	265.07	0.23	0.44	SLV_02	-16.25	0.23	0.05
3293	1	R50x35-40	SLV_03	-23.47	0.10	0.21	SLV_02	-2.12	0.10	0.01
	2	R50x35-26	SLV_03	-23.47	0.10	0.21	SLV_02	-2.12	0.10	0.01
3294	1	R50x35-37	SLV_02	-71.83	0.10	0.65	SLV_02	-2.99	0.10	0.02
	2	R50x35-38	SLV_02	-71.83	0.10	0.65	SLV_02	-2.99	0.10	0.02
3295	1	R80x80-32	SLV_01	-88.63	0.15	0.22	SLV_02	16.38	0.08	0.08
	2	R80x80-33	SLV_01	-88.63	0.15	0.22	SLV_02	16.38	0.08	0.08
3296	1	R50x35-43	SLV_02	-100.37	0.16	0.60	SLV_02	-3.18	0.16	0.01
	2	R50x35-44	SLV_02	-100.37	0.10	0.36	SLV_02	-3.18	0.10	0.01
	3	R50x35-45	SLV_02	-100.37	0.16	0.60	SLV_02	-3.18	0.16	0.01
3297	1	R60x80-85	SLV_02	-141.10	0.10	0.51	SLV_02	-14.02	0.05	0.08
	2	R60x80-86	SLV_02	-141.10	0.10	0.51	SLV_02	-14.02	0.05	0.08
3298	1	R60x80-48	SLV_02	-102.36	0.10	0.37	SLV_02	13.12	0.05	0.08
	2	R60x80-44	SLV_02	-102.36	0.10	0.37	SLV_02	13.12	0.05	0.08
3299	1	R60x80-66	SLV_02	-134.21	0.10	0.49	SLV_02	15.86	0.05	0.09
	2	R60x80-61	SLV_02	-134.21	0.10	0.49	SLV_02	15.86	0.05	0.09
3300	1	R60x80-56	SLV_02	-144.76	0.10	0.52	SLV_02	12.45	0.05	0.07
	2	R60x80-57	SLV_02	-144.76	0.10	0.52	SLV_02	12.45	0.05	0.07
3301	1	R60x80-56	SLV_02	-144.88	0.10	0.52	SLV_02	-12.52	0.05	0.07
	2	R60x80-57	SLV_02	-144.88	0.10	0.52	SLV_02	-12.52	0.05	0.07
3302	1	R60x80-66	SLV_02	-133.39	0.10	0.48	SLV_02	-15.45	0.05	0.09
	2	R60x80-61	SLV_02	-133.39	0.10	0.48	SLV_02	-15.45	0.05	0.09
3303	1	R60x80-48	SLV_02	-102.15	0.10	0.37	SLV_02	-12.87	0.05	0.08
	2	R60x80-44	SLV_02	-102.15	0.10	0.37	SLV_02	-12.87	0.05	0.07
3304	1	R60x80-48	SLV_02	-102.01	0.10	0.37	SLV_02	-12.00	0.05	0.07
	2	R60x80-44	SLV_02	-102.01	0.10	0.37	SLV_02	-12.00	0.05	0.07
3305	1	R60x80-85	SLV_02	-141.03	0.10	0.51	SLV_02	14.06	0.05	0.08
	2	R60x80-86	SLV_02	-141.03	0.10	0.51	SLV_02	14.06	0.05	0.08
3306	1	R60x80-87	SLV_02	-107.93	0.10	0.39	SLV_02	10.46	0.05	0.06
3307	1	R80x80-32	SLV_03	-101.42	0.15	0.25	SLV_02	-16.23	0.08	0.08
	2	R80x80-33	SLV_03	-101.42	0.15	0.25	SLV_02	-16.23	0.08	0.08
3308	1	R50x35-37	SLV_02	-71.94	0.10	0.65	SLV_02	2.93	0.10	0.02
	2	R50x35-38	SLV_02	-71.94	0.10	0.65	SLV_02	2.93	0.10	0.02
3309	1	R50x35-33	SLV_03	-26.45	0.10	0.24	SLV_02	2.11	0.10	0.01
	2	R50x35-26	SLV_03	-26.45	0.10	0.24	SLV_02	2.11	0.10	0.01
331	1	R50x30-21	SLV_02	-6.81	0.10	0.07	SLV_01	0.99	0.10	0.01
3310	1	R80x80-30	SLV_02	-101.52	0.15	0.25	SLV_02	23.13	0.08	0.11
	2	R80x80-31	SLV_02	-101.52	0.15	0.25	SLV_02	23.13	0.08	0.11
3311	1	R80x80-30	SLV_02	-100.67	0.15	0.25	SLV_02	-23.38	0.08	0.11
	2	R80x80-31	SLV_02	-100.67	0.15	0.25	SLV_02	-23.38	0.08	0.11
3312	1	R60x80-48	SLV_02	-102.47	0.10	0.37	SLV_02	11.97	0.05	0.07
	2	R60x80-44	SLV_02	-102.47	0.10	0.37	SLV_02	11.97	0.05	0.07
332	1	R50x30-21	SLV_02	-6.95	0.10	0.08	SLV_01	1.12	0.10	0.01
333	1	R50x30-21	SLV_02	-7.64	0.10	0.08	SLV_02	1.40	0.10	0.01
334	1	R50x30-21	SLV_02	-7.84	0.10	0.09	SLV_02	-1.47	0.10	0.01
335	1	R50x30-21	SLV_02	-7.23	0.10	0.08	SLV_01	-1.12	0.10	0.01
336	1	R50x30-21	SLV_02	-6.96	0.10	0.08	SLV_01	-1.00	0.10	0.01

337	1	R50x30-21	SLV_02	-6.63	0.10	0.07	SLV_01	-0.94	0.10	0.01
338	1	R100x35-152	SLV_01	-180.35	0.31	0.54	SLV_02	-24.38	0.16	0.05
	2	R100x35-155	SLV_01	-102.95	0.21	0.47	SLV_02	-24.38	0.10	0.07
339	1	R50x30-21	SLV_02	-6.50	0.10	0.07	SLV_01	0.95	0.10	0.01
340	1	R50x30-21	SLV_02	-6.34	0.10	0.07	SLV_02	0.92	0.10	0.01
341	1	R50x30-21	SLV_02	-6.35	0.10	0.07	SLV_01	1.50	0.10	0.01
342	1	R50x80-57	SLV_02	51.41	0.09	0.22	SLV_02	-8.60	0.09	0.06
	2	R50x80-58	SLV_02	51.41	0.09	0.22	SLV_02	-8.60	0.09	0.06
343	1	R50x80-56	SLV_02	60.31	0.09	0.25	SLV_01	-8.52	0.09	0.06
	2	R50x80-57	SLV_02	60.31	0.09	0.25	SLV_01	-8.52	0.09	0.06
	3	R50x80-58	SLV_02	60.31	0.09	0.25	SLV_01	-8.52	0.09	0.06
344	1	R50x80-56	SLV_02	69.14	0.09	0.29	SLV_01	-9.15	0.09	0.06
	2	R50x80-57	SLV_02	69.14	0.09	0.29	SLV_01	-9.15	0.09	0.06
	3	R50x80-58	SLV_02	69.14	0.09	0.29	SLV_01	-9.15	0.09	0.06
345	1	R50x80-56	SLV_02	73.20	0.09	0.31	SLV_01	-9.97	0.09	0.07
	2	R50x80-57	SLV_02	73.20	0.09	0.31	SLV_01	-9.97	0.09	0.07
	3	R50x80-58	SLV_02	73.20	0.09	0.31	SLV_01	-9.97	0.09	0.07
346	1	R50x80-56	SLV_02	77.85	0.09	0.33	SLV_01	-10.50	0.09	0.07
	2	R50x80-57	SLV_02	77.85	0.09	0.33	SLV_01	-10.50	0.09	0.07
	3	R50x80-58	SLV_02	77.85	0.09	0.33	SLV_01	-10.50	0.09	0.07
347	1	R50x80-56	SLV_02	74.15	0.09	0.31	SLV_01	10.41	0.09	0.07
	2	R50x80-57	SLV_02	74.15	0.09	0.31	SLV_01	10.41	0.09	0.07
	3	R50x80-58	SLV_02	74.15	0.09	0.31	SLV_01	10.41	0.09	0.07
348	1	R50x80-91	SLV_02	61.41	0.09	0.26	SLV_01	-10.31	0.09	0.07
349	1	R50x80-56	SLV_02	75.42	0.09	0.32	SLV_01	-10.49	0.09	0.07
	2	R50x80-57	SLV_02	75.42	0.09	0.32	SLV_01	-10.49	0.09	0.07
	3	R50x80-58	SLV_02	75.42	0.09	0.32	SLV_01	-10.49	0.09	0.07
40	1	R50x30-21	SLV_02	-6.64	0.10	0.07	SLV_02	-1.10	0.10	0.01
612	1	R80x30-27	SLV_01	-81.27	0.16	0.59	SLV_02	14.61	0.08	0.08
	2	R80x30-28	SLV_01	-45.95	0.16	0.13	SLV_02	14.61	0.08	0.03
	3	R80x30-27	SLV_01	54.26	0.16	0.39	SLV_02	14.61	0.08	0.08
613	1	R100x35-150	SLV_01	137.07	0.21	0.62	SLV_02	-50.35	0.10	0.14
	2	R100x35-152	SLV_01	183.94	0.31	0.55	SLV_02	-50.35	0.16	0.10
614	1	R80x30-27	SLV_01	-31.04	0.16	0.22	SLV_02	-31.60	0.08	0.16
	2	R80x30-28	SLV_01	33.30	0.16	0.24	SLV_02	-31.60	0.08	0.15
621	1	R80x30-28	SLV_01	61.90	0.16	0.45	SLV_02	-13.19	0.08	0.06
622	1	R80x30-28	SLV_01	-32.28	0.16	0.23	SLV_02	-34.37	0.08	0.17
	2	R80x30-27	SLV_01	30.98	0.16	0.22	SLV_02	-34.37	0.08	0.18
623	1	R100x35-121	SLV_01	-237.68	0.42	0.54	SLV_02	-28.91	0.21	0.04
	2	R100x35-122	SLV_01	-134.33	0.21	0.61	SLV_02	-28.91	0.10	0.08
650	1	R50x80-56	SLV_02	78.41	0.09	0.33	SLV_01	10.49	0.09	0.07
	2	R50x80-57	SLV_02	78.41	0.09	0.33	SLV_01	10.49	0.09	0.07
	3	R50x80-58	SLV_02	78.41	0.09	0.33	SLV_01	10.49	0.09	0.07
651	1	R100x35-78	SLV_01	185.54	0.30	0.58	SLV_02	-58.48	0.15	0.12
	2	R100x35-124	SLV_01	248.12	0.42	0.56	SLV_02	-58.48	0.21	0.09
652	1	R100x30-68	SLV_01	-43.59	0.21	0.24	SLV_02	13.85	0.10	0.04
	2	R100x30-67	SLV_01	41.94	0.21	0.23	SLV_02	13.85	0.10	0.04
653	1	R100x30-67	SLV_01	-79.60	0.21	0.43	SLV_02	-6.14	0.10	0.02
654	1	R100x30-67	SLV_01	-42.30	0.21	0.23	SLV_02	-14.83	0.10	0.04

654	2	R100x30-68	SLV_01	43.65	0.21	0.24	SLV_02	-14.83	0.10	0.04
	1	R100x35-152	SLV_01	-184.16	0.31	0.55	SLV_02	50.70	0.16	0.10
655	2	R100x35-150	SLV_01	-137.29	0.21	0.25	SLV_02	50.70	0.10	0.06
	3	R100x35-153	SLV_01	-90.42	0.21	0.41	SLV_02	50.70	0.10	0.15
656	1	R80x30-18	SLV_01	-61.19	0.16	0.44	SLV_02	23.46	0.08	0.12
	2	R80x30-17	SLV_01	52.20	0.16	0.38	SLV_02	23.46	0.08	0.11
657	1	R100x35-155	SLV_01	103.49	0.21	0.47	SLV_02	24.78	0.10	0.07
	2	R100x35-152	SLV_01	180.89	0.31	0.54	SLV_02	24.78	0.16	0.05
658	1	R100x30-68	SLV_01	-41.62	0.21	0.23	SLV_02	15.18	0.10	0.05
	2	R100x30-67	SLV_01	42.69	0.21	0.23	SLV_02	15.18	0.10	0.04
659	1	R100x30-67	SLV_01	79.73	0.21	0.43	SLV_02	-6.14	0.10	0.02
660	1	R100x30-67	SLV_01	-40.59	0.21	0.22	SLV_02	-14.94	0.10	0.04
	2	R100x30-68	SLV_01	44.86	0.21	0.24	SLV_02	-14.94	0.10	0.04
661	1	R100x35-124	SLV_01	-247.47	0.42	0.56	SLV_02	58.32	0.21	0.09
	2	R100x35-78	SLV_01	-184.88	0.30	0.58	SLV_02	58.32	0.15	0.12
662	1	R100x35-122	SLV_01	134.95	0.21	0.61	SLV_02	28.71	0.10	0.08
	2	R100x35-121	SLV_01	238.30	0.42	0.54	SLV_02	28.71	0.21	0.04
663	1	R100x30-100	SLV_01	-42.74	0.21	0.23	SLV_02	15.64	0.10	0.05
	2	R100x30-99	SLV_01	41.19	0.21	0.22	SLV_02	15.64	0.10	0.04
664	1	R100x30-99	SLV_01	-74.82	0.21	0.41	SLV_02	6.63	0.10	0.02
665	1	R100x30-99	SLV_01	-41.30	0.21	0.22	SLV_02	-15.72	0.10	0.04
	2	R100x30-100	SLV_01	43.10	0.21	0.23	SLV_02	-15.72	0.10	0.05
666	1	R80x35-21	SLV_01	-112.18	0.21	0.51	SLV_02	-25.57	0.10	0.10
	2	R80x35-19	SLV_01	-84.97	0.16	0.51	SLV_02	-25.57	0.08	0.12
667	1	R100x30-100	SLV_02	-74.15	0.21	0.40	SLV_02	-8.52	0.10	0.03
	2	R100x30-99	SLV_02	82.20	0.21	0.45	SLV_02	-8.52	0.10	0.02
668	1	R80x35-19	SLV_01	64.30	0.16	0.39	SLV_02	11.77	0.08	0.06
	2	R80x35-21	SLV_01	109.53	0.21	0.50	SLV_02	11.77	0.10	0.04
669	1	R100x30-99	SLV_02	-81.91	0.21	0.44	SLV_02	8.54	0.10	0.02
	2	R100x30-100	SLV_02	73.81	0.21	0.40	SLV_02	8.54	0.10	0.03
670	1	R80x35-17	SLV_01	-109.60	0.21	0.50	SLV_02	-11.67	0.10	0.04
	2	R80x35-15	SLV_01	-64.37	0.16	0.39	SLV_02	-11.67	0.08	0.06
671	1	R100x30-100	SLV_01	-40.49	0.21	0.22	SLV_02	16.06	0.10	0.05
	2	R100x30-99	SLV_01	42.07	0.21	0.23	SLV_02	16.06	0.10	0.05
672	1	R100x30-99	SLV_01	74.83	0.21	0.41	SLV_02	-6.75	0.10	0.02
673	1	R100x30-99	SLV_01	-39.27	0.21	0.21	SLV_02	-16.37	0.10	0.05
	2	R100x30-100	SLV_01	44.28	0.21	0.24	SLV_02	-16.37	0.10	0.05
674	1	R80x35-15	SLV_01	84.81	0.16	0.51	SLV_02	25.17	0.08	0.12
	2	R80x35-17	SLV_01	112.01	0.21	0.51	SLV_02	25.17	0.10	0.09
675	1	R100x30-100	SLV_01	-39.63	0.21	0.21	SLV_02	14.78	0.10	0.04
	2	R100x30-99	SLV_01	35.41	0.21	0.19	SLV_02	14.78	0.10	0.04
676	1	R100x30-99	SLV_01	71.59	0.21	0.39	SLV_02	6.15	0.10	0.02
677	1	R100x30-99	SLV_01	-42.04	0.21	0.23	SLV_02	-16.00	0.10	0.05
	2	R100x30-100	SLV_01	43.45	0.21	0.24	SLV_02	-16.00	0.10	0.05
678	1	R80x35-17	SLV_01	-112.66	0.21	0.51	SLV_02	26.23	0.10	0.10
	2	R80x35-15	SLV_01	-85.33	0.16	0.51	SLV_02	26.23	0.08	0.13
679	1	R100x30-100	SLV_01	-83.75	0.21	0.45	SLV_02	-7.92	0.10	0.02
	2	R100x30-99	SLV_01	83.34	0.21	0.45	SLV_02	-7.92	0.10	0.02
680	1	R100x30-99	SLV_01	65.18	0.21	0.35	SLV_02	10.16	0.10	0.03

681	1	R100x30-99	SLV_01	-65.29	0.21	0.35	SLV_02	-10.12	0.10	0.03
682	1	R100x30-99	SLV_01	-83.52	0.21	0.45	SLV_02	7.84	0.10	0.02
	2	R100x30-100	SLV_01	83.63	0.21	0.45	SLV_02	7.84	0.10	0.02
683	1	R80x35-15	SLV_01	64.91	0.16	0.39	SLV_02	13.11	0.08	0.06
	2	R80x35-18	SLV_01	110.04	0.21	0.50	SLV_02	13.11	0.10	0.05
684	1	R100x30-100	SLV_01	-43.45	0.21	0.24	SLV_02	16.17	0.10	0.05
	2	R100x30-99	SLV_01	42.07	0.21	0.23	SLV_02	16.17	0.10	0.05
685	1	R100x30-99	SLV_01	-71.58	0.21	0.39	SLV_02	-6.25	0.10	0.02
686	1	R100x30-99	SLV_01	-34.51	0.21	0.19	SLV_02	-15.24	0.10	0.04
	2	R100x30-100	SLV_01	40.46	0.21	0.22	SLV_02	-15.24	0.10	0.05
688	1	R50x30-21	SLV_02	5.38	0.10	0.06	SLV_02	-1.69	0.10	0.01
690	1	R50x30-21	SLV_02	5.31	0.10	0.06	SLV_02	-1.48	0.10	0.01
692	1	R50x30-21	SLV_02	5.26	0.10	0.06	SLV_02	-1.45	0.10	0.01
694	1	R50x30-21	SLV_02	5.27	0.10	0.06	SLV_02	-1.57	0.10	0.01
696	1	R50x30-21	SLV_02	-6.05	0.10	0.07	SLV_02	1.91	0.10	0.01
697	1	R50x30-21	SLV_02	-46.02	0.10	0.50	SLV_02	-1.38	0.10	0.01
698	1	R50x80-56	SLV_02	73.57	0.09	0.31	SLV_01	9.79	0.09	0.07
	2	R50x80-57	SLV_02	73.57	0.09	0.31	SLV_01	9.79	0.09	0.07
	3	R50x80-58	SLV_02	73.57	0.09	0.31	SLV_01	9.79	0.09	0.07
699	1	R50x30-21	SLV_02	-45.99	0.10	0.50	SLV_01	1.37	0.10	0.01
701	1	R50x30-21	SLV_02	-6.29	0.10	0.07	SLV_02	-1.91	0.10	0.01
703	1	R50x30-21	SLV_02	5.70	0.10	0.06	SLV_02	1.58	0.10	0.01
705	1	R50x30-21	SLV_02	5.52	0.10	0.06	SLV_02	1.47	0.10	0.01
707	1	R50x30-21	SLV_02	5.38	0.10	0.06	SLV_02	1.50	0.10	0.01
709	1	R50x30-21	SLV_02	5.32	0.10	0.06	SLV_02	1.72	0.10	0.01
712	1	R50x30-21	SLV_02	-3.39	0.10	0.04	SLV_02	-0.88	0.10	0.01
713	1	R50x30-21	SLV_02	-2.81	0.10	0.03	SLV_02	0.74	0.10	0.00
714	1	R50x30-21	SLV_02	-2.15	0.10	0.02	SLV_02	0.55	0.10	0.00
715	1	R50x30-21	SLV_02	-2.08	0.10	0.02	SLV_02	0.48	0.10	0.00
716	1	R50x30-28	SLV_02	-2.19	0.10	0.02	SLV_02	-0.41	0.10	0.00
717	1	R50x30-21	SLV_02	-2.09	0.10	0.02	SLV_02	-0.48	0.10	0.00
718	1	R50x30-21	SLV_02	-2.14	0.10	0.02	SLV_02	-0.55	0.10	0.00
719	1	R50x30-21	SLV_02	-2.81	0.10	0.03	SLV_02	-0.74	0.10	0.00
720	1	R50x30-21	SLV_02	-3.33	0.10	0.04	SLV_02	0.88	0.10	0.01
721	1	R80x30-17	SLV_01	77.62	0.16	0.56	SLV_02	9.39	0.08	0.05
722	1	R80x30-17	SLV_01	-51.16	0.16	0.37	SLV_02	-23.19	0.08	0.11
	2	R80x30-18	SLV_01	61.95	0.16	0.45	SLV_02	-23.19	0.08	0.12
724	1	R80x30-18	SLV_01	-72.30	0.16	0.52	SLV_02	-13.47	0.08	0.07
	2	R80x30-17	SLV_01	93.83	0.16	0.68	SLV_02	-13.47	0.08	0.06
726	1	R80x30-17	SLV_01	-93.94	0.16	0.68	SLV_02	13.30	0.08	0.06
	2	R80x30-18	SLV_01	72.37	0.16	0.52	SLV_02	13.30	0.08	0.07
728	1	R80x30-18	SLV_01	-61.24	0.16	0.44	SLV_02	22.99	0.08	0.12
	2	R80x30-17	SLV_01	53.93	0.16	0.39	SLV_02	22.99	0.08	0.11
729	1	R80x30-17	SLV_01	77.88	0.16	0.56	SLV_02	-9.29	0.08	0.04
730	1	R80x30-17	SLV_01	-49.43	0.16	0.36	SLV_02	-23.04	0.08	0.11
	2	R80x30-18	SLV_01	63.77	0.16	0.46	SLV_02	-23.04	0.08	0.12
732	1	R80x30-18	SLV_01	-73.59	0.16	0.53	SLV_02	-12.27	0.08	0.06
	2	R80x30-17	SLV_01	93.21	0.16	0.67	SLV_02	-12.27	0.08	0.06
733	1	R80x30-26	SLV_02	25.36	0.16	0.18	SLV_02	5.99	0.08	0.03

734	1	R100x30-114	SLV_01	-108.51	0.21	0.59	SLV_02	19.05	0.10	0.05
	2	R100x30-110	SLV_01	-61.48	0.21	0.13	SLV_02	19.05	0.10	0.02
	3	R100x30-109	SLV_01	93.18	0.21	0.51	SLV_02	19.05	0.10	0.05
736	1	R100x30-111	SLV_01	-79.56	0.21	0.43	SLV_02	30.91	0.10	0.09
	2	R100x30-110	SLV_01	59.88	0.21	0.32	SLV_02	30.91	0.10	0.09
737	1	R100x30-110	SLV_01	-97.25	0.21	0.53	SLV_02	13.06	0.10	0.04
738	1	R100x30-110	SLV_01	-60.87	0.21	0.33	SLV_02	-29.28	0.10	0.08
	2	R100x30-111	SLV_01	78.67	0.21	0.43	SLV_02	-29.28	0.10	0.09
740	1	R100x30-111	SLV_01	-91.85	0.21	0.50	SLV_02	-21.59	0.10	0.06
	2	R100x30-110	SLV_01	62.01	0.21	0.13	SLV_02	-21.59	0.10	0.03
	3	R100x30-114	SLV_01	116.13	0.21	0.63	SLV_02	-21.59	0.10	0.06
742	1	R100x30-114	SLV_01	-115.94	0.21	0.63	SLV_02	21.17	0.10	0.06
	2	R100x30-110	SLV_01	-61.82	0.21	0.13	SLV_02	21.17	0.10	0.03
	3	R100x30-111	SLV_01	91.42	0.21	0.50	SLV_02	21.17	0.10	0.06
744	1	R100x30-111	SLV_01	-77.49	0.21	0.42	SLV_02	29.02	0.10	0.09
	2	R100x30-110	SLV_01	64.80	0.21	0.35	SLV_02	29.02	0.10	0.08
745	1	R100x30-110	SLV_01	97.66	0.21	0.53	SLV_02	-12.96	0.10	0.04
746	1	R100x30-110	SLV_01	-59.71	0.21	0.32	SLV_02	-30.45	0.10	0.09
	2	R100x30-111	SLV_01	82.75	0.21	0.45	SLV_02	-30.45	0.10	0.09
747	1	R50x80-56	SLV_02	69.39	0.09	0.29	SLV_01	9.06	0.09	0.06
	2	R50x80-57	SLV_02	69.39	0.09	0.29	SLV_01	9.06	0.09	0.06
	3	R50x80-58	SLV_02	69.39	0.09	0.29	SLV_01	9.06	0.09	0.06
749	1	R100x30-111	SLV_01	-94.27	0.21	0.51	SLV_02	-18.78	0.10	0.06
	2	R100x30-110	SLV_01	60.31	0.21	0.13	SLV_02	-18.78	0.10	0.02
	3	R100x30-114	SLV_01	107.30	0.21	0.58	SLV_02	-18.78	0.10	0.05
750	1	R80x30-26	SLV_02	-25.14	0.16	0.18	SLV_02	-5.80	0.08	0.03
752	1	R100x30-82	SLV_01	-67.24	0.21	0.36	SLV_02	24.79	0.10	0.07
	2	R100x30-67	SLV_01	-47.80	0.21	0.26	SLV_02	24.79	0.10	0.07
753	1	R100x30-67	SLV_01	-73.43	0.21	0.40	SLV_02	11.75	0.10	0.03
754	1	R100x30-67	SLV_01	-62.25	0.21	0.34	SLV_02	27.00	0.10	0.08
	2	R100x30-82	SLV_01	69.61	0.21	0.38	SLV_02	27.00	0.10	0.08
756	1	R100x30-82	SLV_01	-83.94	0.21	0.46	SLV_02	17.56	0.10	0.05
	2	R100x30-67	SLV_01	44.02	0.21	0.10	SLV_02	17.56	0.10	0.02
	3	R100x30-68	SLV_01	91.48	0.21	0.50	SLV_02	17.56	0.10	0.05
758	1	R100x30-68	SLV_01	-91.80	0.21	0.50	SLV_02	-17.41	0.10	0.05
	2	R100x30-67	SLV_01	-44.34	0.21	0.10	SLV_02	-17.41	0.10	0.02
	3	R100x30-82	SLV_01	84.03	0.21	0.46	SLV_02	-17.41	0.10	0.05
760	1	R100x30-82	SLV_01	-69.33	0.21	0.38	SLV_02	-26.85	0.10	0.08
	2	R100x30-67	SLV_01	63.11	0.21	0.34	SLV_02	-26.85	0.10	0.08
761	1	R100x30-67	SLV_01	73.63	0.21	0.40	SLV_02	-11.64	0.10	0.03
762	1	R100x30-67	SLV_01	47.91	0.21	0.26	SLV_02	-24.37	0.10	0.07
	2	R100x30-82	SLV_01	67.38	0.21	0.37	SLV_02	-24.37	0.10	0.07
776	1	R50x30-21	SLV_02	-25.17	0.10	0.27	SLV_02	-4.26	0.10	0.03
777	1	R50x30-19	SLV_02	34.77	0.10	0.38	SLV_02	-3.24	0.10	0.02
778	1	R50x30-19	SLV_02	32.35	0.10	0.35	SLV_02	-2.92	0.10	0.02
779	1	R50x30-19	SLV_02	29.16	0.10	0.32	SLV_02	-2.75	0.10	0.02
780	1	R50x30-19	SLV_02	27.85	0.10	0.30	SLV_02	2.91	0.10	0.02
781	1	R50x30-19	SLV_02	23.68	0.10	0.26	SLV_02	-4.27	0.10	0.03
	1	R50x30-18	SLV_02	-43.19	0.10	0.47	SLV_02	-2.95	0.10	0.02

782	2	R50x30-19	SLV_02	-43.19	0.10	0.19	SLV_02	-2.95	0.10	0.01
	3	R50x30-20	SLV_02	-43.19	0.10	0.47	SLV_02	-2.95	0.10	0.02
783	1	R50x30-21	SLV_02	10.28	0.10	0.11	SLV_02	8.65	0.10	0.05
784	1	R50x30-19	SLV_02	-25.17	0.10	0.27	SLV_02	-8.25	0.10	0.05
785	1	R50x30-19	SLV_02	-19.22	0.10	0.21	SLV_02	-1.66	0.10	0.01
	1	R50x30-18	SLV_02	-42.88	0.10	0.47	SLV_02	2.83	0.10	0.02
786	2	R50x30-19	SLV_02	-42.88	0.10	0.19	SLV_02	2.83	0.10	0.01
	3	R50x30-20	SLV_02	-42.88	0.10	0.47	SLV_02	2.83	0.10	0.02
787	1	R50x30-19	SLV_02	23.84	0.10	0.26	SLV_02	4.24	0.10	0.03
788	1	R50x30-19	SLV_02	28.12	0.10	0.30	SLV_02	-2.88	0.10	0.02
789	1	R50x30-19	SLV_02	29.05	0.10	0.32	SLV_02	2.75	0.10	0.02
790	1	R50x30-19	SLV_02	31.57	0.10	0.34	SLV_02	2.89	0.10	0.02
791	1	R50x80-56	SLV_02	60.26	0.09	0.25	SLV_01	8.52	0.09	0.06
	2	R50x80-57	SLV_02	60.26	0.09	0.25	SLV_01	8.52	0.09	0.06
	3	R50x80-58	SLV_02	60.26	0.09	0.25	SLV_01	8.52	0.09	0.06
792	1	R50x80-57	SLV_02	49.74	0.09	0.21	SLV_02	8.62	0.09	0.06
	2	R50x80-58	SLV_02	49.74	0.09	0.21	SLV_02	8.62	0.09	0.06
793	1	R50x30-19	SLV_02	33.85	0.10	0.37	SLV_02	3.20	0.10	0.02
794	1	R50x30-21	SLV_02	12.05	0.10	0.13	SLV_02	-1.41	0.10	0.01
795	1	R50x30-21	SLV_02	3.62	0.10	0.04	SLV_02	0.53	0.10	0.00
796	1	R50x30-21	SLV_02	3.65	0.10	0.04	SLV_02	-0.53	0.10	0.00
797	1	R50x30-21	SLV_02	12.18	0.10	0.13	SLV_02	1.41	0.10	0.01
802	1	R50x30-21	SLV_02	-6.44	0.10	0.07	SLV_01	-1.44	0.10	0.01
803	1	R50x30-21	SLV_02	-25.77	0.10	0.28	SLV_02	4.13	0.10	0.02
804	1	R50x30-21	SLV_02	-2.52	0.10	0.03	SLV_02	1.20	0.10	0.01
805	1	R50x30-21	SLV_02	-3.96	0.10	0.04	SLV_01	-0.65	0.10	0.00
806	1	R50x30-21	SLV_02	-3.89	0.10	0.04	SLV_01	0.68	0.10	0.00
807	1	R50x30-21	SLV_02	-2.47	0.10	0.03	SLV_02	-1.18	0.10	0.01
808	1	R50x30-21	SLV_02	-4.28	0.10	0.05	SLV_02	-0.78	0.10	0.00
809	1	R50x30-21	SLV_02	-4.34	0.10	0.05	SLV_02	0.75	0.10	0.00
810	1	R50x50-2	SLV_01	-27.36	0.09	0.19	SLV_02	2.37	0.09	0.02
811	1	R50x50-2	SLV_02	-12.30	0.09	0.09	SLV_02	1.60	0.09	0.01
812	1	R50x50-2	SLV_02	11.89	0.09	0.08	SLV_02	-1.66	0.09	0.01
813	1	R50x50-2	SLV_01	27.46	0.09	0.19	SLV_02	-2.48	0.09	0.02
814	1	R50x80-56	SLV_02	24.53	0.09	0.10	SLV_02	3.06	0.09	0.02
	2	R50x80-58	SLV_02	42.32	0.09	0.18	SLV_02	3.06	0.09	0.02
816	1	R50x80-58	SLV_01	-42.78	0.09	0.18	SLV_02	3.35	0.09	0.02
	2	R50x80-56	SLV_01	-17.82	0.09	0.07	SLV_02	3.35	0.09	0.02
	3	R50x80-57	SLV_01	39.93	0.09	0.17	SLV_02	3.35	0.09	0.02
818	1	R50x80-57	SLV_01	-50.72	0.09	0.21	SLV_02	-3.30	0.09	0.02
	2	R50x80-56	SLV_01	-18.60	0.09	0.08	SLV_02	-3.30	0.09	0.02
	3	R50x80-57	SLV_01	51.95	0.09	0.22	SLV_02	-3.30	0.09	0.02
819	1	R50x80-57	SLV_01	-57.53	0.09	0.24	SLV_02	-2.97	0.09	0.02
	2	R50x80-56	SLV_01	-23.24	0.09	0.10	SLV_02	-2.97	0.09	0.02
820	3	R50x80-57	SLV_01	50.67	0.09	0.21	SLV_02	-2.97	0.09	0.02
	1	R50x80-57	SLV_01	36.62	0.09	0.15	SLV_02	-4.11	0.09	0.03
821	2	R50x80-58	SLV_01	61.07	0.09	0.26	SLV_02	-4.11	0.09	0.03
	1	R50x80-58	SLV_01	-61.27	0.09	0.26	SLV_02	4.04	0.09	0.03
821	2	R50x80-57	SLV_01	-36.82	0.09	0.15	SLV_02	4.04	0.09	0.03

822	1	R50x80-57	SLV_01	-50.72	0.09	0.21	SLV_02	2.89	0.09	0.02
	2	R50x80-56	SLV_01	23.29	0.09	0.10	SLV_02	2.89	0.09	0.02
	3	R50x80-57	SLV_01	57.58	0.09	0.24	SLV_02	2.89	0.09	0.02
823	1	R50x80-57	SLV_01	-51.81	0.09	0.22	SLV_02	3.27	0.09	0.02
	2	R50x80-56	SLV_01	18.77	0.09	0.08	SLV_02	3.27	0.09	0.02
	3	R50x80-57	SLV_01	50.89	0.09	0.21	SLV_02	3.27	0.09	0.02
825	1	R50x80-69	SLV_01	-39.99	0.09	0.17	SLV_02	-3.35	0.09	0.02
	2	R50x80-68	SLV_01	17.77	0.09	0.07	SLV_02	-3.35	0.09	0.02
	3	R50x80-69	SLV_01	42.74	0.09	0.18	SLV_02	-3.35	0.09	0.02
827	1	R50x80-71	SLV_02	-42.22	0.09	0.18	SLV_02	-3.25	0.09	0.02
	2	R50x80-68	SLV_02	-24.44	0.09	0.10	SLV_02	-3.25	0.09	0.02
828	1	R100x30-67	SLV_02	-81.06	0.21	0.44	SLV_02	8.69	0.10	0.02
	2	R100x30-68	SLV_02	80.78	0.21	0.44	SLV_02	8.69	0.10	0.03
829	1	R100x30-104	SLV_02	-103.31	0.21	0.56	SLV_02	8.56	0.10	0.02
	2	R100x30-99	SLV_02	-36.69	0.21	0.08	SLV_02	8.56	0.10	0.01
	3	R100x30-100	SLV_02	96.48	0.21	0.52	SLV_02	8.56	0.10	0.03
830	1	R80x30-26	SLV_02	61.81	0.16	0.45	SLV_02	-2.76	0.08	0.01
831	1	R30x80-2	SLV_02	-89.10	0.05	0.64	SLV_02	4.96	0.05	0.05
832	1	R80x30-26	SLV_02	-61.67	0.16	0.45	SLV_02	2.70	0.08	0.01
833	1	R30x80-2	SLV_02	-87.56	0.05	0.63	SLV_02	-4.79	0.05	0.05
834	1	R100x30-68	SLV_02	-80.77	0.21	0.44	SLV_02	-8.47	0.10	0.03
	2	R100x30-67	SLV_02	80.65	0.21	0.44	SLV_02	-8.47	0.10	0.02
835	1	R100x30-100	SLV_02	-96.50	0.21	0.52	SLV_02	-8.43	0.10	0.03
	2	R100x30-99	SLV_02	36.42	0.21	0.08	SLV_02	-8.43	0.10	0.01
	3	R100x30-104	SLV_02	102.89	0.21	0.56	SLV_02	-8.43	0.10	0.02
836	1	R50x30-19	SLV_02	44.14	0.10	0.48	SLV_02	-6.38	0.10	0.04
837	1	R50x30-28	SLV_02	56.44	0.10	0.61	SLV_01	1.46	0.10	0.01
838	1	R50x30-28	SLV_02	-27.04	0.10	0.29	SLV_02	-5.34	0.10	0.03
840	1	R100x30-68	SLV_01	-44.55	0.21	0.24	SLV_02	21.49	0.10	0.06
	2	R100x30-67	SLV_01	44.78	0.21	0.24	SLV_02	21.49	0.10	0.06
841	1	R100x30-67	SLV_01	80.04	0.21	0.43	SLV_02	-9.14	0.10	0.03
842	1	R100x30-67	SLV_01	-44.59	0.21	0.24	SLV_02	-21.39	0.10	0.06
	2	R100x30-68	SLV_01	45.10	0.21	0.24	SLV_02	-21.39	0.10	0.06
844	1	R50x30-19	SLV_02	-30.61	0.10	0.33	SLV_02	4.12	0.10	0.02
846	1	R100x30-68	SLV_01	-41.58	0.21	0.23	SLV_02	20.03	0.10	0.06
	2	R100x30-67	SLV_01	47.71	0.21	0.26	SLV_02	20.03	0.10	0.06
847	1	R100x30-67	SLV_01	80.72	0.21	0.44	SLV_02	10.04	0.10	0.03
848	1	R100x30-67	SLV_01	-41.45	0.21	0.22	SLV_02	22.45	0.10	0.06
	2	R100x30-68	SLV_01	47.99	0.21	0.26	SLV_02	22.45	0.10	0.07
851	1	R100x30-100	SLV_01	-44.73	0.21	0.24	SLV_02	21.12	0.10	0.06
	2	R100x30-99	SLV_01	45.11	0.21	0.24	SLV_02	21.12	0.10	0.06
852	1	R100x30-99	SLV_01	-75.38	0.21	0.41	SLV_02	8.82	0.10	0.03
853	1	R100x30-99	SLV_01	-44.27	0.21	0.24	SLV_02	-20.25	0.10	0.06
	2	R100x30-100	SLV_01	45.68	0.21	0.25	SLV_02	-20.25	0.10	0.06
855	1	R100x30-100	SLV_02	-74.08	0.21	0.40	SLV_02	-10.78	0.10	0.03
	2	R100x30-99	SLV_02	38.59	0.21	0.08	SLV_02	-10.78	0.10	0.01
	3	R100x30-104	SLV_02	87.65	0.21	0.48	SLV_02	-10.78	0.10	0.03
857	1	R100x30-104	SLV_02	-89.41	0.21	0.48	SLV_02	10.19	0.10	0.03
	2	R100x30-99	SLV_02	-40.35	0.21	0.09	SLV_02	10.19	0.10	0.01

	3	R100x30-100	SLV_02	73.57	0.21	0.40	SLV_02	10.19	0.10	0.03
859	1	R100x30-100	SLV_01	-38.47	0.21	0.21	SLV_02	-18.99	0.10	0.06
	2	R100x30-99	SLV_01	45.88	0.21	0.25	SLV_02	-18.99	0.10	0.05
860	1	R100x30-99	SLV_01	75.92	0.21	0.41	SLV_02	9.34	0.10	0.03
861	1	R100x30-99	SLV_01	-39.37	0.21	0.21	SLV_02	-21.63	0.10	0.06
	2	R100x30-100	SLV_01	48.59	0.21	0.26	SLV_02	-21.63	0.10	0.06
863	1	R100x30-82	SLV_01	-44.21	0.21	0.24	SLV_02	18.25	0.10	0.05
	2	R100x30-67	SLV_01	37.33	0.21	0.20	SLV_02	18.25	0.10	0.05
864	1	R100x30-67	SLV_01	71.82	0.21	0.39	SLV_02	7.82	0.10	0.02
865	1	R100x30-67	SLV_01	-45.90	0.21	0.25	SLV_02	-20.24	0.10	0.06
	2	R100x30-68	SLV_01	45.13	0.21	0.24	SLV_02	-20.24	0.10	0.06
867	1	R100x30-68	SLV_01	-83.24	0.21	0.45	SLV_02	-9.51	0.10	0.03
	2	R100x30-67	SLV_01	84.88	0.21	0.46	SLV_02	-9.51	0.10	0.03
868	1	R100x30-67	SLV_01	64.26	0.21	0.35	SLV_02	10.51	0.10	0.03
869	1	R100x30-67	SLV_01	-64.43	0.21	0.35	SLV_02	-10.33	0.10	0.03
870	1	R100x30-67	SLV_01	-85.31	0.21	0.46	SLV_02	9.48	0.10	0.03
	2	R100x30-68	SLV_01	82.92	0.21	0.45	SLV_02	9.48	0.10	0.03
872	1	R100x30-68	SLV_01	-44.51	0.21	0.24	SLV_02	19.98	0.10	0.06
	2	R100x30-67	SLV_01	45.73	0.21	0.25	SLV_02	19.98	0.10	0.06
873	1	R100x30-67	SLV_01	-71.84	0.21	0.39	SLV_02	-7.99	0.10	0.02
874	1	R100x30-67	SLV_01	-34.10	0.21	0.18	SLV_02	-18.72	0.10	0.05
	2	R100x30-82	SLV_01	46.34	0.21	0.25	SLV_02	-18.72	0.10	0.05
876	1	R50x30-21	SLV_02	8.24	0.10	0.09	SLV_02	-2.72	0.10	0.02
878	1	R50x30-21	SLV_02	7.88	0.10	0.09	SLV_02	-2.39	0.10	0.01
880	1	R50x30-21	SLV_02	7.57	0.10	0.08	SLV_02	-2.32	0.10	0.01
882	1	R50x30-21	SLV_02	7.56	0.10	0.08	SLV_02	-2.37	0.10	0.01
884	1	R50x30-21	SLV_02	-9.02	0.10	0.10	SLV_02	2.62	0.10	0.02
885	1	R50x30-19	SLV_02	-46.66	0.10	0.51	SLV_02	-1.90	0.10	0.01
886	1	R50x30-19	SLV_02	-46.52	0.10	0.50	SLV_02	-1.91	0.10	0.01
888	1	R50x30-21	SLV_02	-9.45	0.10	0.10	SLV_02	-2.69	0.10	0.02
890	1	R50x30-21	SLV_02	8.42	0.10	0.09	SLV_02	-2.28	0.10	0.01
892	1	R50x30-21	SLV_02	8.62	0.10	0.09	SLV_02	2.36	0.10	0.01
894	1	R50x30-21	SLV_02	8.07	0.10	0.09	SLV_02	2.52	0.10	0.02
896	1	R50x30-21	SLV_02	8.16	0.10	0.09	SLV_02	2.80	0.10	0.02
899	1	R50x30-21	SLV_02	-5.42	0.10	0.06	SLV_02	-1.21	0.10	0.01
900	1	R50x30-21	SLV_02	-4.51	0.10	0.05	SLV_02	1.03	0.10	0.01
901	1	R50x30-21	SLV_02	-3.40	0.10	0.04	SLV_02	0.74	0.10	0.00
902	1	R50x30-19	SLV_02	-3.25	0.10	0.04	SLV_02	0.63	0.10	0.00
903	1	R50x30-21	SLV_02	-3.17	0.10	0.03	SLV_02	-0.51	0.10	0.00
904	1	R50x30-19	SLV_02	-3.27	0.10	0.04	SLV_02	-0.63	0.10	0.00
905	1	R50x30-21	SLV_02	-3.38	0.10	0.04	SLV_02	-0.73	0.10	0.00
906	1	R50x30-21	SLV_02	-4.44	0.10	0.05	SLV_02	-1.03	0.10	0.01
907	1	R50x30-21	SLV_02	-5.29	0.10	0.06	SLV_02	1.25	0.10	0.01
908	1	R50x30-21	SLV_02	-10.84	0.10	0.12	SLV_02	-1.72	0.10	0.01
909	1	R50x30-21	SLV_02	-10.42	0.10	0.11	SLV_02	1.95	0.10	0.01
910	1	R50x30-21	SLV_02	-10.50	0.10	0.11	SLV_02	1.81	0.10	0.01
911	1	R50x30-21	SLV_02	-10.72	0.10	0.12	SLV_02	1.88	0.10	0.01
912	1	R50x30-21	SLV_02	-10.87	0.10	0.12	SLV_02	1.97	0.10	0.01
913	1	R50x30-21	SLV_02	-11.86	0.10	0.13	SLV_02	2.14	0.10	0.01

914	1	R50x30-21	SLV_02	-12.17	0.10	0.13	SLV_02	-2.01	0.10	0.01
915	1	R50x30-21	SLV_02	-11.43	0.10	0.12	SLV_02	-1.83	0.10	0.01
916	1	R50x30-21	SLV_02	-11.60	0.10	0.13	SLV_02	-1.93	0.10	0.01
917	1	R50x30-21	SLV_02	-10.56	0.10	0.11	SLV_02	-1.99	0.10	0.01
918	1	R50x30-21	SLV_02	-10.34	0.10	0.11	SLV_02	-1.98	0.10	0.01
919	1	R50x30-21	SLV_02	-10.43	0.10	0.11	SLV_02	1.70	0.10	0.01
920	1	R50x80-56	SLV_02	90.82	0.09	0.38	SLV_02	-16.09	0.09	0.11
	2	R50x80-58	SLV_02	90.82	0.09	0.38	SLV_02	-16.09	0.09	0.11
921	1	R50x80-56	SLV_02	98.42	0.09	0.41	SLV_02	-14.94	0.09	0.10
	2	R50x80-57	SLV_02	98.42	0.09	0.41	SLV_02	-14.94	0.09	0.10
	3	R50x80-58	SLV_02	98.42	0.09	0.41	SLV_02	-14.94	0.09	0.10
922	1	R50x80-56	SLV_02	112.04	0.09	0.47	SLV_01	-15.26	0.09	0.10
	2	R50x80-57	SLV_02	112.04	0.09	0.47	SLV_01	-15.26	0.09	0.10
	3	R50x80-58	SLV_02	112.04	0.09	0.47	SLV_01	-15.26	0.09	0.10
923	1	R50x80-56	SLV_02	120.83	0.09	0.51	SLV_01	-15.84	0.09	0.11
	2	R50x80-57	SLV_02	120.83	0.09	0.51	SLV_01	-15.84	0.09	0.11
	3	R50x80-58	SLV_02	120.83	0.09	0.51	SLV_01	-15.84	0.09	0.11
924	1	R50x80-56	SLV_02	126.83	0.09	0.53	SLV_01	-16.40	0.09	0.11
	2	R50x80-57	SLV_02	126.83	0.09	0.53	SLV_01	-16.40	0.09	0.11
	3	R50x80-58	SLV_02	126.83	0.09	0.53	SLV_01	-16.40	0.09	0.11
925	1	R50x80-56	SLV_02	120.98	0.09	0.51	SLV_01	15.77	0.09	0.11
	2	R50x80-57	SLV_02	120.98	0.09	0.51	SLV_01	15.77	0.09	0.11
	3	R50x80-58	SLV_02	120.98	0.09	0.51	SLV_01	15.77	0.09	0.11
926	1	R50x80-56	SLV_02	95.10	0.09	0.40	SLV_01	-15.87	0.09	0.11
	2	R50x80-57	SLV_02	95.10	0.09	0.40	SLV_01	-15.87	0.09	0.11
	3	R50x80-58	SLV_02	95.10	0.09	0.40	SLV_01	-15.87	0.09	0.11
927	1	R50x80-56	SLV_02	121.41	0.09	0.51	SLV_01	-16.03	0.09	0.11
	2	R50x80-57	SLV_02	121.41	0.09	0.51	SLV_01	-16.03	0.09	0.11
	3	R50x80-58	SLV_02	121.41	0.09	0.51	SLV_01	-16.03	0.09	0.11
928	1	R50x80-56	SLV_02	127.50	0.09	0.53	SLV_01	16.44	0.09	0.11
	2	R50x80-57	SLV_02	127.50	0.09	0.53	SLV_01	16.44	0.09	0.11
	3	R50x80-58	SLV_02	127.50	0.09	0.53	SLV_01	16.44	0.09	0.11
929	1	R50x80-56	SLV_02	121.27	0.09	0.51	SLV_01	15.77	0.09	0.11
	2	R50x80-57	SLV_02	121.27	0.09	0.51	SLV_01	15.77	0.09	0.11
	3	R50x80-58	SLV_02	121.27	0.09	0.51	SLV_01	15.77	0.09	0.11
930	1	R50x80-56	SLV_02	112.18	0.09	0.47	SLV_01	15.10	0.09	0.10
	2	R50x80-57	SLV_02	112.18	0.09	0.47	SLV_01	15.10	0.09	0.10
	3	R50x80-58	SLV_02	112.18	0.09	0.47	SLV_01	15.10	0.09	0.10
931	1	R50x80-56	SLV_02	98.07	0.09	0.41	SLV_02	15.10	0.09	0.10
	2	R50x80-57	SLV_02	98.07	0.09	0.41	SLV_02	15.10	0.09	0.10
	3	R50x80-58	SLV_02	98.07	0.09	0.41	SLV_02	15.10	0.09	0.10
932	1	R50x80-57	SLV_02	87.80	0.09	0.37	SLV_02	16.16	0.09	0.11
	2	R50x80-58	SLV_02	87.80	0.09	0.37	SLV_02	16.16	0.09	0.11
933	1	R50x30-21	SLV_02	21.56	0.10	0.23	SLV_02	3.02	0.10	0.02
934	1	R50x30-21	SLV_02	12.00	0.10	0.13	SLV_02	-1.95	0.10	0.01
935	1	R50x30-21	SLV_02	3.55	0.10	0.04	SLV_02	-0.72	0.10	0.00
936	1	R50x30-21	SLV_02	3.58	0.10	0.04	SLV_02	0.71	0.10	0.00
937	1	R50x30-21	SLV_02	12.27	0.10	0.13	SLV_02	2.04	0.10	0.01
942	1	R50x30-21	SLV_02	-9.32	0.10	0.10	SLV_01	2.13	0.10	0.01

943	1	R50x30-21	SLV_02	-9.36	0.10	0.10	SLV_01	-2.02	0.10	0.01
944	1	R50x30-21	SLV_02	-4.40	0.10	0.05	SLV_02	2.56	0.10	0.02
945	1	R50x30-21	SLV_02	-6.67	0.10	0.07	SLV_02	-1.39	0.10	0.01
946	1	R50x30-21	SLV_02	-6.49	0.10	0.07	SLV_02	1.34	0.10	0.01
947	1	R50x30-21	SLV_02	-4.28	0.10	0.05	SLV_02	-2.55	0.10	0.02
948	1	R50x30-21	SLV_02	-7.67	0.10	0.08	SLV_02	-0.93	0.10	0.01
949	1	R50x30-21	SLV_02	-7.77	0.10	0.08	SLV_02	0.93	0.10	0.01
950	1	R50x50-2	SLV_01	-30.95	0.09	0.22	SLV_02	2.95	0.09	0.02
951	1	R50x50-2	SLV_02	-17.25	0.09	0.12	SLV_02	1.76	0.09	0.01
952	1	R50x50-2	SLV_02	16.49	0.09	0.12	SLV_02	-1.73	0.09	0.01
953	1	R50x50-2	SLV_01	31.17	0.09	0.22	SLV_02	-2.98	0.09	0.02
954	1	R50x80-56	SLV_02	13.79	0.09	0.06	SLV_02	3.68	0.09	0.03
	2	R50x80-57	SLV_02	34.21	0.09	0.14	SLV_02	3.68	0.09	0.03
	3	R50x80-58	SLV_02	52.00	0.09	0.22	SLV_02	3.68	0.09	0.03
956	1	R50x80-58	SLV_01	-46.48	0.09	0.19	SLV_02	4.94	0.09	0.03
	2	R50x80-56	SLV_01	-21.51	0.09	0.09	SLV_02	4.94	0.09	0.03
	3	R50x80-57	SLV_01	38.09	0.09	0.16	SLV_02	4.94	0.09	0.03
958	1	R50x80-57	SLV_01	-52.68	0.09	0.22	SLV_02	-4.44	0.09	0.03
	2	R50x80-56	SLV_01	-20.55	0.09	0.09	SLV_02	-4.44	0.09	0.03
	3	R50x80-57	SLV_01	52.45	0.09	0.22	SLV_02	-4.44	0.09	0.03
959	1	R50x80-57	SLV_01	-61.93	0.09	0.26	SLV_02	-3.87	0.09	0.03
	2	R50x80-56	SLV_01	-27.64	0.09	0.12	SLV_02	-3.87	0.09	0.03
	3	R50x80-57	SLV_01	48.96	0.09	0.20	SLV_02	-3.87	0.09	0.03
960	1	R50x80-57	SLV_02	57.04	0.09	0.24	SLV_02	5.35	0.09	0.04
	2	R50x80-58	SLV_02	81.49	0.09	0.34	SLV_02	5.35	0.09	0.04
961	1	R50x80-58	SLV_02	-81.73	0.09	0.34	SLV_02	5.40	0.09	0.04
	2	R50x80-57	SLV_02	-57.28	0.09	0.24	SLV_02	5.40	0.09	0.04
962	1	R50x80-57	SLV_01	-48.97	0.09	0.20	SLV_02	3.89	0.09	0.03
	2	R50x80-56	SLV_01	27.74	0.09	0.12	SLV_02	3.89	0.09	0.03
	3	R50x80-57	SLV_01	62.02	0.09	0.26	SLV_02	3.89	0.09	0.03
963	1	R50x80-57	SLV_01	-52.14	0.09	0.22	SLV_02	4.46	0.09	0.03
	2	R50x80-56	SLV_01	20.90	0.09	0.09	SLV_02	4.46	0.09	0.03
	3	R50x80-57	SLV_01	53.02	0.09	0.22	SLV_02	4.46	0.09	0.03
965	1	R50x80-69	SLV_01	-38.13	0.09	0.16	SLV_02	-4.98	0.09	0.03
	2	R50x80-68	SLV_01	21.35	0.09	0.09	SLV_02	-4.98	0.09	0.03
	3	R50x80-71	SLV_01	46.31	0.09	0.19	SLV_02	-4.98	0.09	0.03
967	1	R50x80-71	SLV_02	-52.08	0.09	0.22	SLV_02	-3.94	0.09	0.03
	2	R50x80-69	SLV_02	-34.30	0.09	0.14	SLV_02	-3.94	0.09	0.03
	3	R50x80-68	SLV_02	-13.88	0.09	0.06	SLV_02	-3.94	0.09	0.03
968	1	R100x30-67	SLV_02	-85.93	0.21	0.47	SLV_02	11.97	0.10	0.03
	2	R100x30-68	SLV_02	78.33	0.21	0.42	SLV_02	11.97	0.10	0.04
969	1	R100x30-104	SLV_02	-109.59	0.21	0.59	SLV_02	10.91	0.10	0.03
	2	R100x30-99	SLV_02	-42.96	0.21	0.09	SLV_02	10.91	0.10	0.01
	3	R100x30-100	SLV_02	94.03	0.21	0.51	SLV_02	10.91	0.10	0.03
970	1	R80x30-26	SLV_02	62.93	0.16	0.45	SLV_02	-3.76	0.08	0.02
971	1	R80x30-26	SLV_02	-62.79	0.16	0.45	SLV_02	3.90	0.08	0.02
972	1	R100x30-68	SLV_02	-78.78	0.21	0.43	SLV_02	-11.95	0.10	0.04
	2	R100x30-67	SLV_02	85.13	0.21	0.46	SLV_02	-11.95	0.10	0.03
	1	R100x30-100	SLV_02	-94.59	0.21	0.51	SLV_02	-10.75	0.10	0.03

973	2	R100x30-99	SLV_02	42.12	0.21	0.09	SLV_02	-10.75	0.10	0.01
	3	R100x30-104	SLV_02	108.60	0.21	0.59	SLV_02	-10.75	0.10	0.03
974	1	R50x30-21	SLV_02	39.36	0.10	0.43	SLV_01	-1.87	0.10	0.01
975	1	R50x30-21	SLV_02	-19.17	0.10	0.21	SLV_02	5.89	0.10	0.04
977	1	R100x35-101	SLV_01	-69.74	0.21	0.32	SLV_02	-37.08	0.10	0.11
	2	R100x35-100	SLV_01	65.94	0.21	0.30	SLV_02	-37.08	0.10	0.11
978	1	R100x35-100	SLV_01	105.70	0.21	0.48	SLV_02	-15.59	0.10	0.04
979	1	R100x35-100	SLV_01	-61.27	0.21	0.28	SLV_02	-33.50	0.10	0.10
	2	R100x35-101	SLV_01	63.79	0.21	0.29	SLV_02	-33.50	0.10	0.10
981	1	R50x30-19	SLV_02	-17.35	0.10	0.19	SLV_02	-2.83	0.10	0.02
984	1	R100x35-112	SLV_01	-141.24	0.21	0.64	SLV_02	17.65	0.10	0.05
	2	R100x35-113	SLV_01	-50.37	0.21	0.09	SLV_02	17.65	0.10	0.02
	3	R100x35-112	SLV_01	137.35	0.21	0.62	SLV_02	17.65	0.10	0.05
985	1	R100x35-112	SLV_01	-78.28	0.21	0.35	SLV_02	-39.95	0.10	0.11
	2	R100x35-113	SLV_01	25.60	0.21	0.05	SLV_02	-39.95	0.10	0.05
	3	R100x35-114	SLV_01	79.87	0.21	0.36	SLV_02	-39.95	0.10	0.12
988	1	R100x35-94	SLV_01	-78.05	0.21	0.35	SLV_02	-38.34	0.10	0.11
	2	R100x35-92	SLV_01	74.45	0.21	0.34	SLV_02	-38.34	0.10	0.11
989	1	R100x30-65	SLV_01	-113.54	0.23	0.57	SLV_02	14.37	0.11	0.04
	2	R100x30-66	SLV_01	-39.73	0.23	0.08	SLV_02	14.37	0.11	0.02
	3	R100x30-65	SLV_01	112.97	0.23	0.57	SLV_02	14.37	0.11	0.04
990	1	R100x35-106	SLV_01	-66.14	0.21	0.30	SLV_02	-35.62	0.10	0.10
	2	R100x35-107	SLV_01	71.19	0.21	0.32	SLV_02	-35.62	0.10	0.11
992	1	R100x35-107	SLV_02	-111.59	0.21	0.50	SLV_02	18.33	0.10	0.06
	2	R100x35-106	SLV_02	64.86	0.21	0.12	SLV_02	18.33	0.10	0.02
	3	R100x35-110	SLV_02	138.67	0.21	0.63	SLV_02	18.33	0.10	0.06
996	1	L80x145-35	SLV_01	-169.94	0.05	0.66	SLV_02	-24.86	0.05	0.22
997	1	R100x35-111	SLV_01	-173.38	0.31	0.52	SLV_02	-19.72	0.16	0.04
	2	R100x35-98	SLV_01	-62.07	0.21	0.11	SLV_02	-19.72	0.10	0.02
	3	R100x35-111	SLV_01	168.32	0.31	0.51	SLV_02	-19.72	0.16	0.04
998	1	R100x35-99	SLV_01	-97.88	0.21	0.44	SLV_02	42.00	0.10	0.13
	2	R100x35-98	SLV_01	-31.41	0.21	0.06	SLV_02	42.00	0.10	0.05
	3	R100x35-99	SLV_01	94.77	0.21	0.43	SLV_02	42.00	0.10	0.13

SLV:VERIFICHE A TAGLIO PILASTRI

Pilastro	Segmento	Sezione	Direzione 2				Direzione 3			
			Combo	V [kN]	Aw [cm²/cm]	D/C	Combo	V [kN]	Aw [cm²/cm]	D/C
1	1	R60x80-72	SLV_01	16.77	0.12	0.02	SLV_02	-6.83	0.12	0.01
10	1	R60x80-72	SLV_01	21.71	0.12	0.03	SLV_02	-6.28	0.12	0.01
100	1	C50-3	SLV_01	-7.37	0.06	0.03	SLV_02	2.45	0.06	0.01
101	1	C50-4	SLV_01	-5.63	0.06	0.02	SLV_02	-27.79	0.06	0.11
102	1	C50-4	SLV_01	4.22	0.06	0.02	SLV_02	-32.70	0.06	0.13
103	1	C50-4	SLV_01	-6.96	0.06	0.03	SLV_02	-31.58	0.06	0.13
104	1	C50-4	SLV_01	-7.84	0.06	0.03	SLV_02	-35.27	0.06	0.14
105	1	C50-4	SLV_01	-7.37	0.06	0.03	SLV_02	-39.34	0.06	0.16
106	1	C50-4	SLV_01	-4.90	0.06	0.02	SLV_02	-39.68	0.06	0.16
107	1	C50-4	SLV_01	-3.51	0.06	0.02	SLV_02	-32.62	0.06	0.13
108	1	C50-4	SLV_01	8.58	0.06	0.04	SLV_02	-37.61	0.06	0.15
109	1	C50-4	SLV_01	-8.73	0.06	0.04	SLV_02	-37.89	0.06	0.15
11	1	R60x60-2	SLV_01	-7.69	0.09	0.02	SLV_02	-4.64	0.09	0.01
110	1	C50-4	SLV_01	5.02	0.06	0.02	SLV_02	-39.93	0.06	0.16
111	1	C50-4	SLV_01	7.48	0.06	0.03	SLV_02	-39.55	0.06	0.16
1115	1	R80x40-5	SLV_02	-26.54	0.13	0.07	SLV_02	22.25	0.09	0.04
112	1	C50-4	SLV_01	7.89	0.06	0.03	SLV_02	-35.42	0.06	0.14
113	1	C50-4	SLV_01	7.17	0.06	0.03	SLV_02	-31.53	0.06	0.13
114	1	C50-4	SLV_01	-3.97	0.06	0.02	SLV_02	-32.23	0.06	0.13
115	1	C50-4	SLV_01	5.79	0.06	0.02	SLV_02	-27.91	0.06	0.11
116	1	C50-5	SLV_02	5.56	0.06	0.02	SLV_02	2.40	0.06	0.01
117	1	C50-3	SLV_01	7.46	0.06	0.03	SLV_02	2.43	0.06	0.01
118	1	R60x80-72	SLV_01	42.03	0.12	0.05	SLV_02	-18.04	0.12	0.03
119	1	R60x60-2	SLV_01	-21.54	0.09	0.05	SLV_02	-11.61	0.09	0.03
12	1	R60x60-2	SLV_01	8.10	0.09	0.02	SLV_02	-4.43	0.09	0.01
120	1	R60x60-2	SLV_01	17.52	0.09	0.04	SLV_02	11.89	0.09	0.03
121	1	R60x80-72	SLV_01	-50.81	0.12	0.07	SLV_02	-12.44	0.12	0.02
122	1	R60x80-72	SLV_01	30.32	0.12	0.04	SLV_02	14.59	0.12	0.03
123	1	R100x50-2	SLV_01	21.92	0.16	0.04	SLV_02	24.55	0.12	0.02
124	1	R80x40-5	SLV_01	4.63	0.13	0.01	SLV_02	-13.71	0.09	0.02
125	1	R100x50-2	SLV_01	-24.06	0.16	0.04	SLV_02	24.76	0.12	0.03
126	1	R60x80-72	SLV_01	-33.85	0.12	0.04	SLV_02	14.85	0.12	0.03
127	1	R60x80-72	SLV_01	56.30	0.12	0.07	SLV_02	-13.55	0.12	0.02
128	1	R60x60-2	SLV_01	-18.73	0.09	0.04	SLV_02	11.09	0.09	0.02
129	1	R60x60-2	SLV_01	22.95	0.09	0.05	SLV_02	-11.88	0.09	0.03
1290	1	R80x40-5	SLV_02	-14.99	0.13	0.04	SLV_02	39.66	0.09	0.06
13	1	R60x80-72	SLV_01	-16.51	0.12	0.02	SLV_02	-6.63	0.12	0.01
130	1	R60x80-72	SLV_01	-28.59	0.12	0.04	SLV_02	-16.79	0.12	0.03
131	1	R60x80-72	SLV_01	-39.87	0.12	0.05	SLV_02	40.42	0.12	0.07
132	1	R60x80-72	SLV_01	48.07	0.12	0.06	SLV_02	-13.07	0.12	0.02
133	1	R60x60-2	SLV_01	-18.02	0.09	0.04	SLV_02	-11.33	0.09	0.02
134	1	R60x60-2	SLV_01	18.61	0.09	0.04	SLV_02	-11.14	0.09	0.02
135	1	R60x80-72	SLV_01	-45.24	0.12	0.06	SLV_02	-12.54	0.12	0.02
136	1	R60x80-72	SLV_02	37.33	0.12	0.05	SLV_02	12.12	0.12	0.02
137	1	R80x40-3	SLV_01	-20.49	0.16	0.04	SLV_02	35.49	0.12	0.05
138	1	R80x40-3	SLV_01	-20.75	0.16	0.04	SLV_02	39.95	0.12	0.05
139	1	R60x80-72	SLV_02	-83.09	0.12	0.11	SLV_02	14.22	0.12	0.02

14	1	R60x80-72	SLV_01	-13.23	0.12	0.02	SLV_02	13.95	0.12	0.02
140	1	R60x80-72	SLV_01	49.91	0.12	0.06	SLV_02	16.27	0.12	0.03
141	1	R60x60-2	SLV_01	-10.69	0.09	0.02	SLV_02	37.01	0.09	0.08
142	1	R60x60-2	SLV_01	22.28	0.09	0.05	SLV_02	-12.04	0.09	0.03
143	1	R60x80-72	SLV_01	-30.53	0.12	0.04	SLV_02	-13.29	0.12	0.02
144	1	R60x80-72	SLV_01	28.78	0.12	0.04	SLV_02	36.44	0.12	0.06
145	1	R60x80-72	SLV_01	-38.46	0.12	0.05	SLV_02	16.60	0.12	0.03
146	1	R60x80-72	SLV_01	42.61	0.12	0.05	SLV_02	16.46	0.12	0.03
147	1	R60x60-2	SLV_01	-15.04	0.09	0.03	SLV_02	15.04	0.09	0.03
148	1	R60x60-2	SLV_01	15.44	0.09	0.03	SLV_02	15.36	0.09	0.03
149	1	R60x80-72	SLV_01	-40.08	0.12	0.05	SLV_02	16.49	0.12	0.03
15	1	R60x80-72	SLV_01	18.05	0.12	0.02	SLV_02	-5.22	0.12	0.01
150	1	R60x80-72	SLV_02	30.98	0.12	0.04	SLV_02	17.00	0.12	0.03
151	1	R60x80-72	SLV_02	-65.74	0.12	0.08	SLV_02	18.14	0.12	0.03
152	1	R60x80-72	SLV_01	47.20	0.12	0.06	SLV_02	21.04	0.12	0.04
153	1	R60x60-2	SLV_01	-10.87	0.09	0.02	SLV_02	40.37	0.09	0.09
154	1	R60x60-2	SLV_01	19.42	0.09	0.04	SLV_02	16.02	0.09	0.04
155	1	R60x80-72	SLV_01	-34.01	0.12	0.04	SLV_02	16.33	0.12	0.03
156	1	R60x80-73	SLV_01	33.75	0.08	0.07	SLV_02	15.82	0.12	0.03
157	1	C50-5	SLV_02	-9.39	0.06	0.04	SLV_02	9.59	0.06	0.04
158	1	C50-3	SLV_02	-7.51	0.06	0.03	SLV_02	7.91	0.06	0.03
159	1	C50-4	SLV_01	-6.02	0.06	0.03	SLV_02	-33.62	0.06	0.14
16	1	R60x60-2	SLV_01	-7.28	0.09	0.02	SLV_02	-4.35	0.09	0.01
160	1	C50-4	SLV_01	6.55	0.06	0.03	SLV_02	-44.95	0.06	0.18
161	1	C50-4	SLV_01	-10.48	0.06	0.04	SLV_02	-43.10	0.06	0.17
162	1	C50-4	SLV_01	-11.94	0.06	0.05	SLV_02	-48.04	0.06	0.19
163	1	C50-4	SLV_01	-11.23	0.06	0.05	SLV_02	-53.70	0.06	0.22
164	1	C50-4	SLV_01	-8.20	0.06	0.04	SLV_02	-54.58	0.06	0.22
165	1	C50-4	SLV_01	-5.84	0.06	0.02	SLV_02	-43.10	0.06	0.17
166	1	C50-4	SLV_01	14.23	0.06	0.06	SLV_02	-52.08	0.06	0.21
167	1	C50-4	SLV_01	-14.36	0.06	0.06	SLV_02	-52.41	0.06	0.21
168	1	C50-4	SLV_01	8.45	0.06	0.04	SLV_02	-54.96	0.06	0.22
169	1	C50-4	SLV_01	11.39	0.06	0.05	SLV_02	-53.89	0.06	0.22
17	1	R60x60-2	SLV_01	7.35	0.09	0.02	SLV_02	-4.68	0.09	0.01
170	1	C50-4	SLV_01	11.91	0.06	0.05	SLV_02	-48.08	0.06	0.19
171	1	C50-4	SLV_01	10.82	0.06	0.05	SLV_02	-42.80	0.06	0.17
172	1	C50-4	SLV_01	-5.92	0.06	0.03	SLV_02	-43.04	0.06	0.17
173	1	C50-4	SLV_01	3.86	0.06	0.02	SLV_02	-29.78	0.06	0.12
174	1	C50-5	SLV_02	8.88	0.06	0.04	SLV_02	9.78	0.06	0.04
175	1	C50-3	SLV_02	7.53	0.06	0.03	SLV_02	7.86	0.06	0.03
176	1	R60x80-72	SLV_01	56.47	0.12	0.07	SLV_02	-14.25	0.12	0.02
177	1	R60x60-2	SLV_01	-23.22	0.09	0.05	SLV_02	14.83	0.09	0.03
178	1	R60x60-2	SLV_01	17.46	0.09	0.04	SLV_02	14.62	0.09	0.03
179	1	R60x80-72	SLV_01	-62.46	0.12	0.08	SLV_02	16.60	0.12	0.03
18	1	R60x80-72	SLV_01	-19.16	0.12	0.02	SLV_02	-5.74	0.12	0.01
180	1	R60x80-72	SLV_01	43.80	0.12	0.06	SLV_02	12.68	0.12	0.02
181	1	R100x50-2	SLV_01	25.82	0.16	0.04	SLV_02	22.03	0.12	0.02
1819	1	R80x40-5	SLV_01	23.19	0.13	0.06	SLV_02	-70.70	0.09	0.11
183	1	R100x50-2	SLV_01	-27.17	0.16	0.04	SLV_02	21.28	0.12	0.02

184	1	R60x80-72	SLV_01	-47.24	0.12	0.06	SLV_02	12.60	0.12	0.02
185	1	R60x80-72	SLV_01	67.31	0.12	0.09	SLV_02	15.96	0.12	0.03
186	1	R60x60-2	SLV_01	-18.88	0.09	0.04	SLV_02	13.98	0.09	0.03
187	1	R60x60-2	SLV_01	25.45	0.09	0.06	SLV_02	14.38	0.09	0.03
188	1	R60x80-72	SLV_01	-49.46	0.12	0.06	SLV_02	14.19	0.12	0.02
189	1	R60x80-72	SLV_01	-49.95	0.12	0.06	SLV_02	31.24	0.12	0.05
19	1	R60x80-72	SLV_01	15.76	0.12	0.02	SLV_02	-5.83	0.12	0.01
190	1	R60x80-72	SLV_01	62.63	0.12	0.08	SLV_02	16.76	0.12	0.03
191	1	R60x60-2	SLV_01	-18.67	0.09	0.04	SLV_02	12.97	0.09	0.03
192	1	R60x60-2	SLV_01	18.52	0.09	0.04	SLV_02	14.24	0.09	0.03
193	1	R60x80-72	SLV_01	-50.64	0.12	0.07	SLV_02	18.99	0.12	0.03
1937	1	R80x40-5	SLV_01	11.53	0.13	0.03	SLV_02	16.26	0.09	0.03
194	1	R60x80-72	SLV_02	42.24	0.12	0.05	SLV_02	16.97	0.12	0.03
1948	1	R80x40-5	SLV_01	27.48	0.13	0.07	SLV_02	42.60	0.09	0.07
1949	1	R80x40-5	SLV_01	-2.03	0.13	0.01	SLV_02	-26.90	0.09	0.04
195	1	R80x40-3	SLV_01	-21.48	0.16	0.04	SLV_02	35.71	0.12	0.05
1950	1	R80x40-5	SLV_01	-1.56	0.13	0.00	SLV_02	14.27	0.09	0.02
196	1	R80x40-3	SLV_01	-22.12	0.16	0.05	SLV_02	39.57	0.12	0.05
1969	1	R80x40-5	SLV_01	3.92	0.13	0.01	SLV_02	28.25	0.09	0.05
197	1	R60x80-72	SLV_02	-67.82	0.12	0.09	SLV_02	18.32	0.12	0.03
1970	1	R80x40-5	SLV_01	4.87	0.13	0.01	SLV_02	20.59	0.09	0.03
1971	1	R80x40-5	SLV_01	9.62	0.13	0.02	SLV_02	29.11	0.09	0.05
198	1	R60x80-72	SLV_01	55.78	0.12	0.07	SLV_02	19.87	0.12	0.03
1986	1	R80x40-5	SLV_02	9.64	0.13	0.02	SLV_02	28.02	0.09	0.05
1987	1	R80x40-5	SLV_01	8.72	0.13	0.02	SLV_02	22.38	0.09	0.04
1989	1	R80x40-5	SLV_02	8.02	0.13	0.02	SLV_02	39.59	0.09	0.06
199	1	R60x60-2	SLV_01	-13.39	0.09	0.03	SLV_02	26.94	0.09	0.06
2	1	R60x60-2	SLV_01	-8.01	0.09	0.02	SLV_02	-4.47	0.09	0.01
20	1	R80x40-5	SLV_01	-22.66	0.13	0.06	SLV_02	-67.37	0.09	0.11
200	1	R60x60-2	SLV_01	22.18	0.09	0.05	SLV_02	13.10	0.09	0.03
201	1	R60x80-72	SLV_01	-53.09	0.12	0.07	SLV_02	16.82	0.12	0.03
202	1	R60x80-72	SLV_01	43.07	0.12	0.06	SLV_02	28.89	0.12	0.05
203	1	R60x80-72	SLV_01	-41.63	0.12	0.05	SLV_02	21.02	0.12	0.04
204	1	R60x80-72	SLV_01	53.14	0.12	0.07	SLV_02	22.93	0.12	0.04
205	1	R60x60-2	SLV_01	-16.61	0.09	0.04	SLV_02	18.64	0.09	0.04
206	1	R60x60-2	SLV_01	16.84	0.09	0.04	SLV_02	19.24	0.09	0.04
207	1	R60x80-72	SLV_01	-49.93	0.12	0.06	SLV_02	23.77	0.12	0.04
208	1	R60x80-72	SLV_01	34.80	0.12	0.04	SLV_02	21.45	0.12	0.04
209	1	R60x80-72	SLV_02	-47.54	0.12	0.06	SLV_02	23.05	0.12	0.04
21	1	R80x40-5	SLV_01	-26.51	0.13	0.07	SLV_02	41.93	0.09	0.07
210	1	R60x80-72	SLV_01	51.89	0.12	0.07	SLV_02	25.92	0.12	0.05
211	1	R60x60-2	SLV_01	-12.82	0.09	0.03	SLV_02	31.80	0.09	0.07
212	1	R60x60-2	SLV_01	19.64	0.09	0.04	SLV_02	18.76	0.09	0.04
213	1	R60x80-72	SLV_01	-46.87	0.12	0.06	SLV_02	22.66	0.12	0.04
214	1	R60x80-73	SLV_01	38.75	0.08	0.07	SLV_02	20.17	0.12	0.04
215	1	C50-5	SLV_01	-9.91	0.06	0.04	SLV_02	-7.27	0.06	0.03
216	1	C50-3	SLV_01	-13.71	0.06	0.06	SLV_02	-13.70	0.06	0.06
217	1	C50-4	SLV_02	-5.87	0.06	0.03	SLV_02	-26.97	0.06	0.11
218	1	C50-4	SLV_01	5.08	0.06	0.02	SLV_02	-37.29	0.06	0.15

219	1	C50-4	SLV_01	-9.24	0.06	0.04	SLV_02	-34.46	0.06	0.14
22	1	R60x80-72	SLV_01	-15.98	0.12	0.02	SLV_02	5.95	0.12	0.01
220	1	C50-4	SLV_01	-10.42	0.06	0.04	SLV_02	-37.85	0.06	0.15
221	1	C50-4	SLV_01	-9.62	0.06	0.04	SLV_02	-42.40	0.06	0.17
222	1	C50-4	SLV_01	-7.96	0.06	0.03	SLV_02	-42.90	0.06	0.17
223	1	C50-4	SLV_01	-6.39	0.06	0.03	SLV_02	-35.03	0.06	0.14
224	1	C50-4	SLV_01	13.91	0.06	0.06	SLV_02	-41.88	0.06	0.17
225	1	C50-4	SLV_01	-13.92	0.06	0.06	SLV_02	-42.18	0.06	0.17
226	1	C50-4	SLV_01	8.08	0.06	0.03	SLV_02	-43.13	0.06	0.17
227	1	C50-4	SLV_01	9.72	0.06	0.04	SLV_02	-42.37	0.06	0.17
228	1	C50-4	SLV_01	10.41	0.06	0.04	SLV_02	-37.69	0.06	0.15
229	1	C50-4	SLV_01	9.50	0.06	0.04	SLV_02	-34.12	0.06	0.14
23	1	R60x80-72	SLV_01	19.37	0.12	0.02	SLV_02	-5.93	0.12	0.01
230	1	C50-4	SLV_01	-4.65	0.06	0.02	SLV_02	-36.03	0.06	0.14
231	1	C50-4	SLV_02	4.41	0.06	0.02	SLV_02	-24.71	0.06	0.10
232	1	C50-5	SLV_01	9.77	0.06	0.04	SLV_02	-7.34	0.06	0.03
233	1	C50-3	SLV_01	13.81	0.06	0.06	SLV_02	-13.32	0.06	0.06
234	1	R80x50-2	SLV_01	10.60	0.13	0.02	SLV_02	-24.06	0.09	0.04
235	1	R60x80-72	SLV_01	71.91	0.12	0.09	SLV_02	-50.98	0.12	0.09
236	1	R60x60-2	SLV_01	-47.48	0.09	0.10	SLV_02	-42.89	0.09	0.09
237	1	R60x60-2	SLV_01	41.80	0.09	0.09	SLV_02	48.13	0.09	0.11
238	1	R60x80-72	SLV_01	-127.82	0.12	0.16	SLV_02	35.92	0.12	0.06
239	1	R60x80-72	SLV_01	91.38	0.12	0.12	SLV_02	63.85	0.12	0.11
24	1	R60x60-2	SLV_01	-6.99	0.09	0.02	SLV_02	-5.06	0.09	0.01
240	1	R100x50-2	SLV_01	27.56	0.16	0.04	SLV_02	97.15	0.12	0.10
241	1	R100x50-2	SLV_01	-28.55	0.16	0.05	SLV_02	97.47	0.12	0.10
242	1	R60x80-72	SLV_01	-89.90	0.12	0.12	SLV_02	64.17	0.12	0.11
243	1	R60x80-72	SLV_01	128.66	0.12	0.17	SLV_02	35.38	0.12	0.06
244	1	R60x60-2	SLV_01	-41.48	0.09	0.09	SLV_02	47.88	0.09	0.10
245	1	R60x60-2	SLV_01	48.31	0.09	0.11	SLV_02	-42.27	0.09	0.09
246	1	R60x80-72	SLV_01	-71.97	0.12	0.09	SLV_02	-50.18	0.12	0.09
247	1	R60x80-72	SLV_01	-92.08	0.12	0.12	SLV_02	97.26	0.12	0.17
248	1	R60x80-72	SLV_01	82.32	0.12	0.11	SLV_02	-43.26	0.12	0.08
249	1	R60x60-2	SLV_01	-38.64	0.09	0.08	SLV_02	-35.14	0.09	0.08
25	1	R60x60-2	SLV_01	7.48	0.09	0.02	SLV_02	-4.31	0.09	0.01
250	1	R60x60-2	SLV_01	37.55	0.09	0.08	SLV_02	-32.86	0.09	0.07
251	1	R60x80-72	SLV_01	-73.10	0.12	0.09	SLV_02	-38.03	0.12	0.07
252	1	R60x80-72	SLV_01	69.68	0.12	0.09	SLV_02	-28.57	0.12	0.05
253	1	R80x40-3	SLV_01	-23.19	0.16	0.05	SLV_02	31.63	0.12	0.04
254	1	R80x40-3	SLV_01	-23.32	0.16	0.05	SLV_02	43.42	0.12	0.06
255	1	R60x80-72	SLV_01	-67.81	0.12	0.09	SLV_02	-28.43	0.12	0.05
256	1	R60x80-72	SLV_01	76.54	0.12	0.10	SLV_02	-37.88	0.12	0.07
257	1	R60x60-2	SLV_01	-38.35	0.09	0.08	SLV_02	-31.73	0.09	0.07
258	1	R60x60-2	SLV_01	41.12	0.09	0.09	SLV_02	-34.29	0.09	0.08
259	1	R60x80-72	SLV_01	-82.13	0.12	0.11	SLV_02	-41.92	0.12	0.07
26	1	R60x80-72	SLV_01	-17.60	0.12	0.02	SLV_02	-5.06	0.12	0.01
260	1	R60x80-72	SLV_01	93.57	0.12	0.12	SLV_02	97.35	0.12	0.17
261	1	R60x80-72	SLV_01	-62.81	0.12	0.08	SLV_02	24.77	0.12	0.04
262	1	R60x80-72	SLV_01	67.52	0.12	0.09	SLV_02	-28.63	0.12	0.05

263	1	R60x60-2	SLV_01	-35.03	0.09	0.08	SLV_02	-22.90	0.09	0.05
264	1	R60x60-2	SLV_01	34.72	0.09	0.08	SLV_02	-21.71	0.09	0.05
265	1	R60x80-72	SLV_01	-65.35	0.12	0.08	SLV_02	-25.54	0.12	0.04
266	1	R60x80-72	SLV_01	60.82	0.12	0.08	SLV_02	18.47	0.12	0.03
267	1	R60x80-72	SLV_01	-58.05	0.12	0.07	SLV_02	18.13	0.12	0.03
268	1	R60x80-72	SLV_01	68.06	0.12	0.09	SLV_02	-24.77	0.12	0.04
269	1	R60x60-2	SLV_01	-34.63	0.09	0.08	SLV_02	-20.04	0.09	0.04
27	1	R60x80-72	SLV_01	12.95	0.12	0.02	SLV_02	13.57	0.12	0.02
270	1	R60x60-2	SLV_01	37.08	0.09	0.08	SLV_02	-22.20	0.09	0.05
271	1	R60x80-72	SLV_01	-66.98	0.12	0.09	SLV_02	-27.82	0.12	0.05
272	1	R60x80-73	SLV_01	63.39	0.08	0.12	SLV_02	-23.38	0.12	0.04
273	1	C50-5	SLV_01	-21.16	0.06	0.09	SLV_02	59.24	0.06	0.26
274	1	C50-3	SLV_01	27.86	0.06	0.11	SLV_02	61.37	0.06	0.26
275	1	C50-4	SLV_01	-23.97	0.06	0.10	SLV_02	-61.88	0.06	0.25
276	1	C50-4	SLV_01	34.82	0.06	0.15	SLV_02	48.22	0.06	0.19
277	1	C50-4	SLV_01	-23.31	0.06	0.10	SLV_02	-50.50	0.06	0.20
278	1	C50-4	SLV_01	-26.88	0.06	0.11	SLV_02	-56.33	0.06	0.23
279	1	C50-4	SLV_01	-26.35	0.06	0.11	SLV_02	-60.43	0.06	0.24
28	1	R60x80-72	SLV_01	-11.81	0.12	0.02	SLV_02	4.83	0.12	0.01
280	1	C50-4	SLV_01	-21.68	0.06	0.09	SLV_02	-62.55	0.06	0.25
282	1	C50-4	SLV_01	-23.02	0.06	0.10	SLV_02	-62.96	0.06	0.25
283	1	C50-4	SLV_01	22.71	0.06	0.10	SLV_02	-63.26	0.06	0.25
284	1	C50-4	SLV_01	22.21	0.06	0.09	SLV_02	-62.99	0.06	0.25
285	1	C50-4	SLV_01	26.55	0.06	0.11	SLV_02	-60.69	0.06	0.24
286	1	C50-4	SLV_01	27.06	0.06	0.12	SLV_02	-55.92	0.06	0.22
287	1	C50-4	SLV_01	23.83	0.06	0.10	SLV_02	-49.69	0.06	0.20
288	1	C50-4	SLV_01	-34.27	0.06	0.15	SLV_02	47.45	0.06	0.19
289	1	C50-4	SLV_01	24.03	0.06	0.10	SLV_02	-59.76	0.06	0.24
29	1	R60x80-72	SLV_01	16.59	0.12	0.02	SLV_02	5.28	0.12	0.01
290	1	C50-5	SLV_01	-21.12	0.06	0.09	SLV_02	58.99	0.06	0.26
291	1	C50-3	SLV_01	-27.88	0.06	0.11	SLV_02	60.05	0.06	0.26
293	1	R60x40-6	SLV_01	33.18	0.09	0.11	SLV_02	-22.47	0.09	0.05
	2	R60x40-5	SLV_01	33.18	0.09	0.11	SLV_02	-22.47	0.09	0.05
294	1	R60x40-6	SLV_01	-30.15	0.09	0.10	SLV_02	39.25	0.09	0.09
	2	R60x40-5	SLV_01	-30.15	0.09	0.10	SLV_02	39.25	0.09	0.09
295	1	R60x40-6	SLV_01	26.88	0.09	0.09	SLV_02	48.65	0.09	0.11
	2	R60x40-5	SLV_01	26.88	0.09	0.09	SLV_02	48.65	0.09	0.11
296	1	R60x40-6	SLV_01	-45.80	0.09	0.16	SLV_02	25.21	0.09	0.06
	2	R60x40-5	SLV_01	-45.80	0.09	0.16	SLV_02	25.21	0.09	0.06
297	1	R60x40-6	SLV_01	34.41	0.09	0.12	SLV_02	57.02	0.09	0.12
	2	R60x40-5	SLV_01	34.41	0.09	0.12	SLV_02	57.02	0.09	0.12
298	1	R100x40-2	SLV_01	-42.86	0.16	0.09	SLV_02	132.10	0.12	0.13
299	1	R100x40-2	SLV_01	42.15	0.16	0.09	SLV_02	132.10	0.12	0.13
3	1	R60x60-2	SLV_01	7.57	0.09	0.02	SLV_02	-4.63	0.09	0.01
30	1	R60x60-2	SLV_01	-6.37	0.09	0.01	SLV_02	4.31	0.09	0.01
300	1	R60x40-6	SLV_01	-34.06	0.09	0.12	SLV_02	57.08	0.09	0.13
	2	R60x40-5	SLV_01	-34.06	0.09	0.12	SLV_02	57.08	0.09	0.13
301	1	R60x40-6	SLV_01	46.31	0.09	0.16	SLV_02	24.41	0.09	0.05
	2	R60x40-5	SLV_01	46.31	0.09	0.16	SLV_02	24.41	0.09	0.05

302	1	R60x40-6	SLV_01	-26.58	0.09	0.09	SLV_02	47.86	0.09	0.10
	2	R60x40-5	SLV_01	-26.58	0.09	0.09	SLV_02	47.86	0.09	0.10
303	1	R60x40-6	SLV_01	30.41	0.09	0.10	SLV_02	38.29	0.09	0.08
	2	R60x40-5	SLV_01	30.41	0.09	0.10	SLV_02	38.29	0.09	0.08
304	1	R60x40-6	SLV_01	-32.10	0.09	0.11	SLV_02	-21.82	0.09	0.05
	2	R60x40-5	SLV_01	-32.10	0.09	0.11	SLV_02	-21.82	0.09	0.05
305	1	R60x40-6	SLV_01	-40.62	0.09	0.14	SLV_02	62.59	0.09	0.14
	2	R60x40-5	SLV_01	-40.62	0.09	0.14	SLV_02	62.59	0.09	0.14
306	1	R60x40-6	SLV_01	37.30	0.09	0.13	SLV_02	-27.36	0.09	0.06
	2	R60x40-5	SLV_01	37.30	0.09	0.13	SLV_02	-27.36	0.09	0.06
307	1	R60x40-6	SLV_01	-29.30	0.09	0.10	SLV_02	-28.07	0.09	0.06
	2	R60x40-5	SLV_01	-29.30	0.09	0.10	SLV_02	-28.07	0.09	0.06
308	1	R60x40-6	SLV_01	29.10	0.09	0.10	SLV_02	-26.97	0.09	0.06
	2	R60x40-5	SLV_01	29.10	0.09	0.10	SLV_02	-26.97	0.09	0.06
309	1	R60x40-6	SLV_01	-35.83	0.09	0.12	SLV_02	-25.47	0.09	0.06
	2	R60x40-5	SLV_01	-35.83	0.09	0.12	SLV_02	-25.47	0.09	0.06
31	1	R60x60-2	SLV_01	6.26	0.09	0.01	SLV_02	4.57	0.09	0.01
310	1	R60x40-6	SLV_01	37.73	0.09	0.13	SLV_02	-23.02	0.09	0.05
	2	R60x40-5	SLV_01	37.73	0.09	0.13	SLV_02	-23.02	0.09	0.05
311	1	R80x40-5	SLV_01	31.03	0.13	0.08	SLV_02	46.35	0.09	0.07
312	1	R80x40-5	SLV_01	-31.30	0.13	0.08	SLV_02	46.49	0.09	0.07
313	1	R60x40-6	SLV_01	-37.87	0.09	0.13	SLV_02	-22.76	0.09	0.05
	2	R60x40-5	SLV_01	-37.87	0.09	0.13	SLV_02	-22.76	0.09	0.05
314	1	R60x40-6	SLV_01	36.72	0.09	0.13	SLV_02	-25.38	0.09	0.06
	2	R60x40-5	SLV_01	36.72	0.09	0.13	SLV_02	-25.38	0.09	0.06
315	1	R60x40-6	SLV_01	-28.04	0.09	0.10	SLV_02	-26.73	0.09	0.06
	2	R60x40-5	SLV_01	-28.04	0.09	0.10	SLV_02	-26.73	0.09	0.06
316	1	R60x40-6	SLV_01	30.41	0.09	0.10	SLV_02	-27.19	0.09	0.06
	2	R60x40-5	SLV_01	30.41	0.09	0.10	SLV_02	-27.19	0.09	0.06
317	1	R60x40-6	SLV_01	-35.99	0.09	0.12	SLV_02	-26.20	0.09	0.06
318	1	R60x40-6	SLV_01	40.03	0.09	0.14	SLV_02	62.68	0.09	0.14
	2	R60x40-5	SLV_01	40.03	0.09	0.14	SLV_02	62.68	0.09	0.14
319	1	R60x40-6	SLV_01	-29.83	0.09	0.10	SLV_02	-8.52	0.09	0.02
	2	R60x40-5	SLV_01	-29.83	0.09	0.10	SLV_02	-8.52	0.09	0.02
32	1	R60x80-72	SLV_01	-17.32	0.12	0.02	SLV_02	5.48	0.12	0.01
320	1	R60x40-6	SLV_01	29.93	0.09	0.10	SLV_02	-11.51	0.09	0.03
	2	R60x40-5	SLV_01	29.93	0.09	0.10	SLV_02	-11.51	0.09	0.03
321	1	R60x40-6	SLV_01	-22.86	0.09	0.08	SLV_02	-11.58	0.09	0.03
	2	R60x40-5	SLV_01	-22.86	0.09	0.08	SLV_02	-11.58	0.09	0.03
322	1	R60x40-6	SLV_01	23.60	0.09	0.08	SLV_02	-11.76	0.09	0.03
	2	R60x40-5	SLV_01	23.60	0.09	0.08	SLV_02	-11.76	0.09	0.03
323	1	R60x40-6	SLV_01	-29.62	0.09	0.10	SLV_02	-12.21	0.09	0.03
	2	R60x40-5	SLV_01	-29.62	0.09	0.10	SLV_02	-12.21	0.09	0.03
324	1	R60x40-6	SLV_01	31.51	0.09	0.11	SLV_02	-11.60	0.09	0.03
	2	R60x40-5	SLV_01	31.51	0.09	0.11	SLV_02	-11.60	0.09	0.03
325	1	R60x40-6	SLV_01	-31.77	0.09	0.11	SLV_02	-11.35	0.09	0.02
	2	R60x40-5	SLV_01	-31.77	0.09	0.11	SLV_02	-11.35	0.09	0.02
326	1	R60x40-6	SLV_01	30.21	0.09	0.10	SLV_02	-12.01	0.09	0.03
	2	R60x40-5	SLV_01	30.21	0.09	0.10	SLV_02	-12.01	0.09	0.03

3262	1	R50x30-47	SLV_02	1.89	0.12	0.01	SLV_02	1.30	0.08	0.00
327	1	R60x40-6	SLV_01	-22.69	0.09	0.08	SLV_02	-11.61	0.09	0.03
	2	R60x40-5	SLV_01	-22.69	0.09	0.08	SLV_02	-11.61	0.09	0.03
328	1	R60x40-6	SLV_01	23.89	0.09	0.08	SLV_02	-11.12	0.09	0.02
	2	R60x40-5	SLV_01	23.89	0.09	0.08	SLV_02	-11.12	0.09	0.02
329	1	R60x40-6	SLV_01	-28.93	0.09	0.10	SLV_02	-10.89	0.09	0.02
	2	R60x40-5	SLV_01	-28.93	0.09	0.10	SLV_02	-10.89	0.09	0.02
33	1	R60x80-72	SLV_01	11.48	0.12	0.01	SLV_02	6.22	0.12	0.01
330	1	R60x40-8	SLV_01	29.60	0.08	0.12	SLV_02	-8.09	0.12	0.01
	2	R60x40-7	SLV_01	29.60	0.08	0.12	SLV_02	-8.09	0.12	0.01
34	1	R60x80-72	SLV_01	-12.26	0.12	0.02	SLV_02	6.44	0.12	0.01
35	1	R60x80-72	SLV_01	17.53	0.12	0.02	SLV_02	5.73	0.12	0.01
350	1	R56x30-2	SLV_01	-20.61	0.12	0.08	SLV_02	-68.37	0.08	0.19
351	1	R56x30-2	SLV_01	20.59	0.12	0.08	SLV_02	-64.89	0.08	0.18
352	1	C50-4	SLV_01	-31.85	0.06	0.14	SLV_02	-45.91	0.06	0.18
353	1	C50-4	SLV_01	31.67	0.06	0.14	SLV_02	-45.97	0.06	0.18
354	1	C50-4	SLV_01	23.60	0.06	0.10	SLV_02	-44.74	0.06	0.18
355	1	C50-4	SLV_01	-23.16	0.06	0.10	SLV_02	-44.81	0.06	0.18
356	1	C50-4	SLV_01	-31.25	0.06	0.13	SLV_02	-48.76	0.06	0.20
357	1	C50-4	SLV_01	31.60	0.06	0.13	SLV_02	-48.45	0.06	0.19
358	1	C50-4	SLV_01	-23.50	0.06	0.10	SLV_02	-40.89	0.06	0.16
359	1	C50-4	SLV_01	23.75	0.06	0.10	SLV_02	-40.18	0.06	0.16
36	1	R60x60-2	SLV_01	-5.96	0.09	0.01	SLV_02	5.20	0.09	0.01
360	1	C50-4	SLV_01	-19.73	0.06	0.08	SLV_02	-40.30	0.06	0.16
361	1	C50-4	SLV_01	19.85	0.06	0.08	SLV_02	-39.42	0.06	0.16
362	1	R60x40-5	SLV_01	41.08	0.09	0.14	SLV_02	25.74	0.09	0.06
363	1	R60x40-5	SLV_01	-29.00	0.09	0.10	SLV_02	-32.26	0.09	0.07
364	1	R60x40-5	SLV_01	25.64	0.09	0.09	SLV_02	-29.58	0.09	0.06
365	1	R60x40-5	SLV_01	-42.59	0.09	0.15	SLV_02	-25.49	0.09	0.06
366	1	R60x40-5	SLV_01	32.29	0.09	0.11	SLV_02	-27.20	0.09	0.06
367	1	R100x40-2	SLV_01	-37.70	0.16	0.08	SLV_02	-30.92	0.12	0.03
368	1	R100x40-2	SLV_01	38.05	0.16	0.08	SLV_02	-30.64	0.12	0.03
369	1	R60x40-5	SLV_01	-32.48	0.09	0.11	SLV_02	-27.21	0.09	0.06
37	1	R60x60-2	SLV_01	6.56	0.09	0.01	SLV_02	4.31	0.09	0.01
370	1	R60x40-5	SLV_01	43.81	0.09	0.15	SLV_02	-25.51	0.09	0.06
371	1	R60x40-5	SLV_01	-26.27	0.09	0.09	SLV_02	-29.15	0.09	0.06
372	1	R60x40-5	SLV_01	29.53	0.09	0.10	SLV_02	-31.38	0.09	0.07
373	1	R60x40-5	SLV_01	-43.05	0.09	0.15	SLV_02	25.62	0.09	0.06
374	1	R60x40-5	SLV_01	-52.05	0.09	0.18	SLV_02	-20.17	0.09	0.04
375	1	R60x40-5	SLV_01	45.12	0.09	0.16	SLV_02	-32.30	0.09	0.07
376	1	R60x40-5	SLV_01	-29.40	0.09	0.10	SLV_02	-31.24	0.09	0.07
377	1	R60x40-5	SLV_01	29.01	0.09	0.10	SLV_02	-28.79	0.09	0.06
378	1	R60x40-5	SLV_01	-45.72	0.09	0.16	SLV_02	-27.59	0.09	0.06
379	1	R60x40-5	SLV_01	48.14	0.09	0.17	SLV_02	-22.27	0.09	0.05
38	1	R60x80-72	SLV_01	-16.32	0.12	0.02	SLV_02	4.97	0.12	0.01
380	1	R80x40-4	SLV_01	14.37	0.16	0.03	SLV_02	-42.31	0.12	0.05
	2	R80x40-3	SLV_01	18.28	0.16	0.04	SLV_02	46.77	0.12	0.06
381	1	R80x40-3	SLV_01	-23.04	0.16	0.05	SLV_02	27.33	0.12	0.04
382	1	R60x40-5	SLV_01	-48.12	0.09	0.17	SLV_02	-22.19	0.09	0.05

383	1	R60x40-5	SLV_01	47.68	0.09	0.16	SLV_02	-27.50	0.09	0.06
384	1	R60x40-5	SLV_01	-29.06	0.09	0.10	SLV_02	-28.31	0.09	0.06
385	1	R60x40-5	SLV_01	31.25	0.09	0.11	SLV_02	-30.09	0.09	0.07
386	1	R60x40-6	SLV_01	-46.96	0.09	0.16	SLV_02	-30.87	0.09	0.07
387	1	R60x40-5	SLV_01	52.66	0.09	0.18	SLV_02	19.05	0.09	0.04
388	1	R60x40-5	SLV_01	-40.65	0.09	0.14	SLV_02	12.40	0.09	0.03
389	1	R60x40-5	SLV_01	38.62	0.09	0.13	SLV_02	-14.31	0.09	0.03
39	1	R60x80-73	SLV_01	11.53	0.08	0.02	SLV_02	4.39	0.12	0.01
390	1	R60x40-5	SLV_01	-23.31	0.09	0.08	SLV_02	-14.05	0.09	0.03
391	1	R60x40-5	SLV_01	23.89	0.09	0.08	SLV_02	-13.38	0.09	0.03
392	1	R60x40-5	SLV_01	-38.40	0.09	0.13	SLV_02	-12.75	0.09	0.03
393	1	R60x40-5	SLV_01	40.57	0.09	0.14	SLV_02	-9.49	0.09	0.02
394	1	R60x40-5	SLV_01	-40.63	0.09	0.14	SLV_02	-9.38	0.09	0.02
395	1	R60x40-5	SLV_01	39.25	0.09	0.14	SLV_02	-12.56	0.09	0.03
396	1	R60x40-5	SLV_01	-23.19	0.09	0.08	SLV_02	-13.04	0.09	0.03
397	1	R60x40-5	SLV_01	24.87	0.09	0.09	SLV_02	-13.38	0.09	0.03
398	1	R60x40-5	SLV_01	-37.86	0.09	0.13	SLV_02	-13.39	0.09	0.03
399	1	R60x40-7	SLV_01	40.42	0.08	0.17	SLV_02	11.64	0.12	0.02
4	1	R60x80-72	SLV_01	-21.48	0.12	0.03	SLV_02	-6.17	0.12	0.01
400	1	R56x30-2	SLV_01	-23.64	0.12	0.09	SLV_02	17.45	0.08	0.05
401	1	R56x30-2	SLV_01	24.76	0.12	0.10	SLV_02	17.53	0.08	0.05
402	1	C50-4	SLV_01	-30.25	0.06	0.13	SLV_02	12.42	0.06	0.05
403	1	C50-4	SLV_01	30.39	0.06	0.13	SLV_02	12.45	0.06	0.05
404	1	C50-4	SLV_01	-17.44	0.06	0.07	SLV_02	8.89	0.06	0.04
405	1	C50-4	SLV_01	17.55	0.06	0.07	SLV_02	8.89	0.06	0.04
406	1	C50-4	SLV_01	-23.33	0.06	0.10	SLV_02	-6.18	0.06	0.02
407	1	C50-4	SLV_01	23.45	0.06	0.10	SLV_02	-6.10	0.06	0.02
408	1	C50-4	SLV_01	-23.30	0.06	0.10	SLV_02	13.00	0.06	0.05
409	1	C50-4	SLV_01	23.55	0.06	0.10	SLV_02	12.85	0.06	0.05
41	1	C50-5	SLV_01	-1.33	0.06	0.01	SLV_02	-1.26	0.06	0.01
410	1	C50-4	SLV_01	-16.28	0.06	0.07	SLV_02	16.09	0.06	0.06
411	1	C50-4	SLV_01	16.38	0.06	0.07	SLV_02	15.70	0.06	0.06
412	1	R60x40-5	SLV_01	41.90	0.09	0.14	SLV_02	21.36	0.09	0.05
413	1	R60x40-5	SLV_01	-27.63	0.09	0.10	SLV_02	-31.58	0.09	0.07
414	1	R60x40-5	SLV_01	24.14	0.09	0.08	SLV_02	-27.40	0.09	0.06
415	1	R60x40-5	SLV_01	-44.30	0.09	0.15	SLV_02	-23.49	0.09	0.05
416	1	R60x40-5	SLV_01	33.70	0.09	0.12	SLV_02	-26.06	0.09	0.06
417	1	R100x40-2	SLV_01	-37.90	0.16	0.08	SLV_02	49.24	0.12	0.05
418	1	R100x40-2	SLV_01	38.17	0.16	0.08	SLV_02	48.92	0.12	0.05
419	1	R60x40-5	SLV_01	-33.86	0.09	0.12	SLV_02	-25.92	0.09	0.06
42	1	C50-3	SLV_01	-2.17	0.06	0.01	SLV_02	1.18	0.06	0.01
420	1	R60x40-5	SLV_01	45.66	0.09	0.16	SLV_02	-23.27	0.09	0.05
421	1	R60x40-5	SLV_01	-24.76	0.09	0.09	SLV_02	-26.98	0.09	0.06
422	1	R60x40-5	SLV_01	28.07	0.09	0.10	SLV_02	-30.91	0.09	0.07
423	1	R60x40-5	SLV_01	-43.84	0.09	0.15	SLV_02	21.73	0.09	0.05
424	1	R60x40-5	SLV_01	-53.33	0.09	0.18	SLV_02	27.07	0.09	0.06
425	1	R60x40-5	SLV_01	45.00	0.09	0.15	SLV_02	-31.60	0.09	0.07
426	1	R60x40-5	SLV_01	-28.05	0.09	0.10	SLV_02	-31.01	0.09	0.07
427	1	R60x40-5	SLV_01	27.57	0.09	0.09	SLV_02	-28.62	0.09	0.06

428	1	R60x40-5	SLV_01	-45.75	0.09	0.16	SLV_02	-27.32	0.09	0.06
429	1	R60x40-5	SLV_01	49.07	0.09	0.17	SLV_02	-23.36	0.09	0.05
43	1	C50-4	SLV_01	-2.57	0.06	0.01	SLV_02	-8.96	0.06	0.04
430	1	R80x40-3	SLV_01	20.65	0.16	0.04	SLV_02	40.09	0.12	0.05
431	1	R80x40-3	SLV_01	-23.77	0.16	0.05	SLV_02	36.49	0.12	0.05
432	1	R60x40-5	SLV_01	-49.14	0.09	0.17	SLV_02	-23.08	0.09	0.05
433	1	R60x40-5	SLV_01	47.67	0.09	0.16	SLV_02	-26.99	0.09	0.06
434	1	R60x40-5	SLV_01	-27.53	0.09	0.09	SLV_02	-28.16	0.09	0.06
435	1	R60x40-5	SLV_01	30.39	0.09	0.10	SLV_02	-29.94	0.09	0.07
436	1	R60x40-6	SLV_01	-46.79	0.09	0.16	SLV_02	-29.92	0.09	0.07
437	1	R60x40-5	SLV_01	53.65	0.09	0.18	SLV_02	26.55	0.09	0.06
438	1	R60x40-5	SLV_01	-41.56	0.09	0.14	SLV_02	10.70	0.09	0.02
439	1	R60x40-5	SLV_01	38.55	0.09	0.13	SLV_02	-12.24	0.09	0.03
44	1	C50-4	SLV_01	1.67	0.06	0.01	SLV_02	-8.78	0.06	0.04
440	1	R60x40-5	SLV_01	-22.19	0.09	0.08	SLV_02	-11.88	0.09	0.03
441	1	R60x40-5	SLV_01	22.71	0.09	0.08	SLV_02	-11.27	0.09	0.02
442	1	R60x40-5	SLV_01	-38.07	0.09	0.13	SLV_02	-10.93	0.09	0.02
443	1	R60x40-5	SLV_01	41.25	0.09	0.14	SLV_02	-9.09	0.09	0.02
444	1	R60x40-5	SLV_01	-41.37	0.09	0.14	SLV_02	-8.84	0.09	0.02
445	1	R60x40-5	SLV_01	38.87	0.09	0.13	SLV_02	-10.58	0.09	0.02
446	1	R60x40-5	SLV_01	-21.92	0.09	0.08	SLV_02	-10.90	0.09	0.02
447	1	R60x40-5	SLV_01	24.15	0.09	0.08	SLV_02	-11.24	0.09	0.02
448	1	R60x40-5	SLV_01	-37.64	0.09	0.13	SLV_02	-11.01	0.09	0.02
449	1	R60x40-7	SLV_01	41.10	0.08	0.17	SLV_02	9.45	0.12	0.02
45	1	C50-4	SLV_01	-2.67	0.06	0.01	SLV_02	-8.37	0.06	0.03
450	1	R56x30-2	SLV_01	-24.79	0.12	0.10	SLV_02	19.48	0.08	0.06
451	1	R56x30-2	SLV_01	25.82	0.12	0.10	SLV_02	19.75	0.08	0.06
452	1	C50-4	SLV_01	-30.46	0.06	0.13	SLV_02	13.73	0.06	0.06
453	1	C50-4	SLV_01	30.63	0.06	0.13	SLV_02	13.78	0.06	0.06
454	1	C50-4	SLV_01	-18.77	0.06	0.08	SLV_02	-11.56	0.06	0.05
455	1	C50-4	SLV_01	19.10	0.06	0.08	SLV_02	-11.43	0.06	0.05
456	1	C50-4	SLV_01	-25.27	0.06	0.11	SLV_02	-15.02	0.06	0.06
457	1	C50-4	SLV_01	25.41	0.06	0.11	SLV_02	-14.66	0.06	0.06
458	1	C50-4	SLV_01	-24.08	0.06	0.10	SLV_02	13.97	0.06	0.06
459	1	C50-4	SLV_01	24.32	0.06	0.10	SLV_02	13.69	0.06	0.05
46	1	C50-4	SLV_01	-2.97	0.06	0.01	SLV_02	-9.30	0.06	0.04
460	1	C50-4	SLV_01	16.83	0.06	0.07	SLV_02	16.28	0.06	0.07
461	1	C50-4	SLV_01	16.88	0.06	0.07	SLV_02	15.84	0.06	0.06
462	1	R60x40-5	SLV_01	47.57	0.09	0.16	SLV_02	24.19	0.09	0.05
463	1	R60x40-5	SLV_01	-27.36	0.09	0.09	SLV_02	-35.63	0.09	0.08
464	1	R60x40-5	SLV_01	23.35	0.09	0.08	SLV_02	-31.98	0.09	0.07
465	1	R60x40-5	SLV_01	-45.30	0.09	0.16	SLV_02	-26.82	0.09	0.06
466	1	R60x40-5	SLV_01	34.51	0.09	0.12	SLV_02	-30.49	0.09	0.07
467	1	R100x40-2	SLV_01	-38.06	0.16	0.08	SLV_02	50.90	0.12	0.05
468	1	R100x40-2	SLV_01	38.40	0.16	0.08	SLV_02	50.77	0.12	0.05
469	1	R60x40-5	SLV_01	-34.65	0.09	0.12	SLV_02	-30.50	0.09	0.07
47	1	C50-4	SLV_01	-3.01	0.06	0.01	SLV_02	-10.33	0.06	0.04
470	1	R60x40-5	SLV_01	45.75	0.09	0.16	SLV_02	-26.84	0.09	0.06
471	1	R60x40-5	SLV_01	-23.09	0.09	0.08	SLV_02	-31.62	0.09	0.07

472	1	R60x40-5	SLV_01	27.38	0.09	0.09	SLV_02	-34.38	0.09	0.08
473	1	R60x40-5	SLV_01	-46.64	0.09	0.16	SLV_02	23.91	0.09	0.05
474	1	R60x40-5	SLV_01	-56.76	0.09	0.20	SLV_02	26.08	0.09	0.06
475	1	R60x40-5	SLV_01	49.11	0.09	0.17	SLV_02	-34.59	0.09	0.08
476	1	R60x40-5	SLV_01	-28.00	0.09	0.10	SLV_02	-34.34	0.09	0.08
477	1	R60x40-5	SLV_01	27.00	0.09	0.09	SLV_02	-31.88	0.09	0.07
478	1	R60x40-5	SLV_01	-46.83	0.09	0.16	SLV_02	-30.18	0.09	0.07
479	1	R60x40-5	SLV_01	51.04	0.09	0.18	SLV_02	-25.69	0.09	0.06
48	1	C50-4	SLV_01	-2.45	0.06	0.01	SLV_02	-10.38	0.06	0.04
480	1	R80x40-3	SLV_01	22.00	0.16	0.05	SLV_02	39.49	0.12	0.05
481	1	R80x40-5	SLV_01	-2.10	0.13	0.01	SLV_02	-27.57	0.09	0.04
482	1	R60x40-5	SLV_01	-51.07	0.09	0.18	SLV_02	-25.62	0.09	0.06
483	1	R60x40-5	SLV_01	47.74	0.09	0.16	SLV_02	-30.12	0.09	0.07
484	1	R60x40-5	SLV_01	-26.06	0.09	0.09	SLV_02	-31.39	0.09	0.07
485	1	R60x40-5	SLV_01	30.39	0.09	0.10	SLV_02	-32.57	0.09	0.07
486	1	R60x40-6	SLV_01	-48.24	0.09	0.17	SLV_02	-33.53	0.09	0.07
487	1	R60x40-5	SLV_01	55.59	0.09	0.19	SLV_02	25.89	0.09	0.06
488	1	R60x40-5	SLV_01	-43.25	0.09	0.15	SLV_02	11.38	0.09	0.02
489	1	R60x40-5	SLV_01	39.59	0.09	0.14	SLV_02	-13.41	0.09	0.03
49	1	C50-4	SLV_01	-2.14	0.06	0.01	SLV_02	-8.92	0.06	0.04
490	1	R60x40-5	SLV_01	-21.69	0.09	0.07	SLV_02	-13.12	0.09	0.03
491	1	R60x40-5	SLV_01	22.11	0.09	0.08	SLV_02	-12.57	0.09	0.03
492	1	R60x40-5	SLV_01	-39.00	0.09	0.13	SLV_02	-12.35	0.09	0.03
493	1	R60x40-5	SLV_01	42.82	0.09	0.15	SLV_02	-10.15	0.09	0.02
494	1	R60x40-5	SLV_01	-42.96	0.09	0.15	SLV_02	-10.13	0.09	0.02
495	1	R60x40-5	SLV_01	39.64	0.09	0.14	SLV_02	-12.19	0.09	0.03
496	1	R60x40-5	SLV_01	-21.26	0.09	0.07	SLV_02	-12.20	0.09	0.03
497	1	R60x40-5	SLV_01	23.92	0.09	0.08	SLV_02	-11.65	0.09	0.03
498	1	R60x40-5	SLV_01	-38.74	0.09	0.13	SLV_02	-12.58	0.09	0.03
499	1	R60x40-7	SLV_01	42.75	0.08	0.18	SLV_02	11.43	0.12	0.02
5	1	R60x80-72	SLV_01	16.23	0.12	0.02	SLV_02	-6.27	0.12	0.01
50	1	C50-4	SLV_01	3.25	0.06	0.01	SLV_02	-9.96	0.06	0.04
500	1	R56x30-2	SLV_01	-28.32	0.12	0.11	SLV_02	20.49	0.08	0.06
501	1	R56x30-2	SLV_01	28.56	0.12	0.11	SLV_02	20.26	0.08	0.06
502	1	C50-4	SLV_01	-32.89	0.06	0.14	SLV_02	14.94	0.06	0.06
503	1	C50-4	SLV_01	33.09	0.06	0.14	SLV_02	15.01	0.06	0.06
504	1	C50-4	SLV_01	-19.16	0.06	0.08	SLV_02	-11.81	0.06	0.05
505	1	C50-4	SLV_01	19.44	0.06	0.08	SLV_02	-11.77	0.06	0.05
506	1	C50-4	SLV_01	-25.85	0.06	0.11	SLV_02	-15.41	0.06	0.06
507	1	C50-4	SLV_01	25.93	0.06	0.11	SLV_02	-15.13	0.06	0.06
508	1	C50-4	SLV_01	-24.81	0.06	0.11	SLV_02	14.47	0.06	0.06
509	1	C50-4	SLV_01	24.99	0.06	0.11	SLV_02	14.27	0.06	0.06
51	1	C50-4	SLV_01	-3.27	0.06	0.01	SLV_02	-10.07	0.06	0.04
510	1	C50-4	SLV_01	18.57	0.06	0.08	SLV_02	16.65	0.06	0.07
511	1	C50-4	SLV_01	-18.19	0.06	0.08	SLV_02	16.09	0.06	0.06
512	1	R60x40-5	SLV_01	48.19	0.09	0.17	SLV_02	25.54	0.09	0.06
513	1	R60x40-5	SLV_01	-25.83	0.09	0.09	SLV_02	-36.97	0.09	0.08
514	1	R60x40-5	SLV_01	22.13	0.09	0.08	SLV_02	-33.70	0.09	0.07
515	1	R60x40-5	SLV_01	-46.63	0.09	0.16	SLV_02	-30.40	0.09	0.07

516	1	R60x40-5	SLV_01	35.37	0.09	0.12	SLV_02	-33.73	0.09	0.07
517	1	R100x40-2	SLV_01	-37.96	0.16	0.08	SLV_02	54.26	0.12	0.06
518	1	R100x40-2	SLV_01	38.32	0.16	0.08	SLV_02	53.91	0.12	0.05
519	1	R60x40-5	SLV_01	-35.59	0.09	0.12	SLV_02	-33.69	0.09	0.07
52	1	C50-4	SLV_01	2.46	0.06	0.01	SLV_02	-10.49	0.06	0.04
520	1	R60x40-5	SLV_01	47.37	0.09	0.16	SLV_02	-30.93	0.09	0.07
521	1	R60x40-5	SLV_01	-22.14	0.09	0.08	SLV_02	-34.04	0.09	0.07
522	1	R60x40-5	SLV_01	26.22	0.09	0.09	SLV_02	-38.37	0.09	0.08
523	1	R60x40-5	SLV_01	-47.71	0.09	0.16	SLV_02	29.24	0.09	0.06
524	1	R60x40-5	SLV_01	-57.78	0.09	0.20	SLV_02	27.02	0.09	0.06
525	1	R60x40-5	SLV_01	48.77	0.09	0.17	SLV_02	-38.50	0.09	0.08
526	1	R60x40-5	SLV_01	-27.05	0.09	0.09	SLV_02	-37.45	0.09	0.08
527	1	R60x40-5	SLV_01	26.39	0.09	0.09	SLV_02	-34.08	0.09	0.07
528	1	R60x40-5	SLV_01	-47.46	0.09	0.16	SLV_02	-33.79	0.09	0.07
529	1	R60x40-5	SLV_01	52.89	0.09	0.18	SLV_02	-28.42	0.09	0.06
53	1	C50-4	SLV_01	3.03	0.06	0.01	SLV_02	-10.40	0.06	0.04
530	1	R80x40-3	SLV_01	23.17	0.16	0.05	SLV_02	43.77	0.12	0.06
531	1	R80x40-5	SLV_01	-1.41	0.13	0.00	SLV_02	14.36	0.09	0.02
532	1	R60x40-5	SLV_01	-52.95	0.09	0.18	SLV_02	-28.30	0.09	0.06
533	1	R60x40-5	SLV_01	48.61	0.09	0.17	SLV_02	-34.23	0.09	0.08
534	1	R60x40-5	SLV_01	-25.60	0.09	0.09	SLV_02	-34.84	0.09	0.08
535	1	R60x40-5	SLV_01	30.64	0.09	0.11	SLV_02	-39.18	0.09	0.09
536	1	R60x40-6	SLV_01	-47.17	0.09	0.16	SLV_02	-31.62	0.09	0.07
537	1	R60x40-5	SLV_01	56.40	0.09	0.19	SLV_02	23.16	0.09	0.05
538	1	R60x40-5	SLV_01	-44.39	0.09	0.15	SLV_02	-12.62	0.09	0.03
539	1	R60x40-5	SLV_01	40.18	0.09	0.14	SLV_02	-16.70	0.09	0.04
54	1	C50-4	SLV_01	2.98	0.06	0.01	SLV_02	-9.35	0.06	0.04
540	1	R60x40-5	SLV_01	-21.02	0.09	0.07	SLV_02	-16.68	0.09	0.04
541	1	R60x40-5	SLV_01	21.55	0.09	0.07	SLV_02	-15.66	0.09	0.03
542	1	R60x40-5	SLV_01	-39.55	0.09	0.14	SLV_02	-14.75	0.09	0.03
543	1	R60x40-5	SLV_01	44.29	0.09	0.15	SLV_02	-11.10	0.09	0.02
544	1	R60x40-5	SLV_01	-44.46	0.09	0.15	SLV_02	-11.03	0.09	0.02
545	1	R60x40-5	SLV_01	40.39	0.09	0.14	SLV_02	-15.21	0.09	0.03
546	1	R60x40-5	SLV_01	-20.77	0.09	0.07	SLV_02	-16.56	0.09	0.04
547	1	R60x40-5	SLV_01	24.11	0.09	0.08	SLV_02	-19.39	0.09	0.04
548	1	R60x40-5	SLV_01	-37.72	0.09	0.13	SLV_02	-10.41	0.09	0.02
549	1	R60x40-7	SLV_01	42.62	0.08	0.18	SLV_02	-6.49	0.12	0.01
55	1	C50-4	SLV_01	2.72	0.06	0.01	SLV_02	-8.35	0.06	0.03
550	1	R56x30-2	SLV_01	-30.05	0.12	0.12	SLV_02	20.44	0.08	0.06
551	1	R56x30-2	SLV_01	30.33	0.12	0.12	SLV_02	23.23	0.08	0.07
552	1	C50-4	SLV_01	-33.54	0.06	0.14	SLV_02	14.09	0.06	0.06
553	1	C50-4	SLV_01	33.74	0.06	0.14	SLV_02	14.11	0.06	0.06
554	1	C50-4	SLV_01	-19.72	0.06	0.08	SLV_02	-12.08	0.06	0.05
555	1	C50-4	SLV_01	20.02	0.06	0.09	SLV_02	-11.98	0.06	0.05
556	1	C50-4	SLV_01	-25.77	0.06	0.11	SLV_02	-15.36	0.06	0.06
557	1	C50-4	SLV_01	26.03	0.06	0.11	SLV_02	-15.11	0.06	0.06
558	1	C50-4	SLV_01	-24.80	0.06	0.11	SLV_02	14.52	0.06	0.06
559	1	C50-4	SLV_01	25.26	0.06	0.11	SLV_02	14.39	0.06	0.06
56	1	C50-4	SLV_01	-1.64	0.06	0.01	SLV_02	-8.59	0.06	0.03

560	1	C50-4	SLV_01	19.84	0.06	0.08	SLV_02	17.27	0.06	0.07
561	1	C50-4	SLV_01	-19.67	0.06	0.08	SLV_02	17.54	0.06	0.07
562	1	R60x40-5	SLV_01	59.64	0.09	0.21	SLV_02	33.75	0.09	0.07
563	1	R60x40-5	SLV_01	-30.55	0.09	0.11	SLV_02	-51.87	0.09	0.11
564	1	R60x40-5	SLV_01	24.78	0.09	0.09	SLV_02	-46.43	0.09	0.10
565	1	R60x40-5	SLV_01	-46.72	0.09	0.16	SLV_02	-24.82	0.09	0.05
566	1	R60x40-5	SLV_01	34.67	0.09	0.12	SLV_02	-32.45	0.09	0.07
567	1	R100x40-2	SLV_01	-39.84	0.16	0.08	SLV_02	50.81	0.12	0.05
568	1	R100x40-2	SLV_01	39.93	0.16	0.08	SLV_02	50.30	0.12	0.05
569	1	R60x40-5	SLV_01	-34.69	0.09	0.12	SLV_02	-31.72	0.09	0.07
57	1	C50-4	SLV_01	2.58	0.06	0.01	SLV_02	-8.71	0.06	0.03
570	1	R60x40-5	SLV_01	46.86	0.09	0.16	SLV_02	-22.23	0.09	0.05
571	1	R60x40-5	SLV_01	-24.03	0.09	0.08	SLV_02	-44.68	0.09	0.10
572	1	R60x40-5	SLV_01	30.29	0.09	0.10	SLV_02	-48.02	0.09	0.11
573	1	R60x40-5	SLV_01	-58.79	0.09	0.20	SLV_02	30.94	0.09	0.07
574	1	R60x40-5	SLV_01	-60.11	0.09	0.21	SLV_02	26.78	0.09	0.06
575	1	R60x40-5	SLV_01	54.11	0.09	0.19	SLV_02	-34.63	0.09	0.08
576	1	R60x40-5	SLV_01	-27.84	0.09	0.10	SLV_02	-39.77	0.09	0.09
577	1	R60x40-5	SLV_01	26.24	0.09	0.09	SLV_02	-40.18	0.09	0.09
578	1	R60x40-5	SLV_01	-47.63	0.09	0.16	SLV_02	-28.12	0.09	0.06
579	1	R60x40-5	SLV_01	52.25	0.09	0.18	SLV_02	-24.45	0.09	0.05
58	1	C50-5	SLV_01	1.26	0.06	0.01	SLV_02	-1.22	0.06	0.01
580	1	R80x40-3	SLV_01	23.73	0.16	0.05	SLV_02	37.22	0.12	0.05
581	1	R80x40-5	SLV_01	-3.03	0.13	0.01	SLV_02	28.20	0.09	0.05
582	1	R60x40-5	SLV_01	-52.02	0.09	0.18	SLV_02	-23.73	0.09	0.05
583	1	R60x40-5	SLV_01	48.03	0.09	0.17	SLV_02	-25.32	0.09	0.06
584	1	R60x40-5	SLV_01	-25.30	0.09	0.09	SLV_02	-35.92	0.09	0.08
585	1	R60x40-5	SLV_01	31.19	0.09	0.11	SLV_02	-30.74	0.09	0.07
586	1	R60x40-6	SLV_01	-63.13	0.09	0.22	SLV_02	-72.84	0.09	0.16
587	1	R60x40-5	SLV_01	60.24	0.09	0.21	SLV_02	-64.62	0.09	0.14
588	1	R60x40-5	SLV_01	-44.25	0.09	0.15	SLV_02	11.37	0.09	0.02
589	1	R60x40-5	SLV_01	41.17	0.09	0.14	SLV_02	12.40	0.09	0.03
59	1	C50-3	SLV_01	2.20	0.06	0.01	SLV_02	1.22	0.06	0.01
590	1	R60x40-5	SLV_01	-20.56	0.09	0.07	SLV_02	13.01	0.09	0.03
591	1	R60x40-5	SLV_01	21.20	0.09	0.07	SLV_02	13.94	0.09	0.03
592	1	R60x40-5	SLV_01	-40.34	0.09	0.14	SLV_02	12.90	0.09	0.03
593	1	R60x40-5	SLV_01	44.14	0.09	0.15	SLV_02	-9.64	0.09	0.02
594	1	R60x40-5	SLV_01	-44.22	0.09	0.15	SLV_02	-9.05	0.09	0.02
595	1	R60x40-5	SLV_01	40.80	0.09	0.14	SLV_02	10.31	0.09	0.02
596	1	R60x40-5	SLV_01	-20.34	0.09	0.07	SLV_02	11.36	0.09	0.02
597	1	R60x40-5	SLV_01	24.21	0.09	0.08	SLV_02	16.79	0.09	0.04
598	1	R60x40-5	SLV_01	-50.97	0.09	0.18	SLV_02	46.87	0.09	0.10
599	1	R60x40-7	SLV_01	49.53	0.08	0.20	SLV_02	63.96	0.12	0.11
6	1	R100x50-2	SLV_01	7.41	0.16	0.01	SLV_02	-18.04	0.12	0.02
60	1	R60x80-72	SLV_01	29.60	0.12	0.04	SLV_02	-8.99	0.12	0.02
600	1	R56x30-2	SLV_01	-35.36	0.12	0.14	SLV_02	27.56	0.08	0.08
601	1	R56x30-2	SLV_01	35.85	0.12	0.14	SLV_02	25.47	0.08	0.07
602	1	C50-4	SLV_01	-43.55	0.06	0.19	SLV_02	21.63	0.06	0.09
603	1	C50-4	SLV_01	43.86	0.06	0.19	SLV_02	21.81	0.06	0.09

604	1	C50-4	SLV_01	-21.85	0.06	0.09	SLV_02	-19.81	0.06	0.08
605	1	C50-4	SLV_01	22.34	0.06	0.10	SLV_02	-19.75	0.06	0.08
606	1	C50-4	SLV_01	-31.72	0.06	0.14	SLV_02	-24.91	0.06	0.10
607	1	C50-4	SLV_01	31.64	0.06	0.14	SLV_02	-24.50	0.06	0.10
608	1	C50-4	SLV_01	-30.26	0.06	0.13	SLV_02	19.95	0.06	0.08
609	1	C50-4	SLV_01	30.22	0.06	0.13	SLV_02	19.49	0.06	0.08
61	1	R60x60-2	SLV_01	-15.09	0.09	0.03	SLV_02	-5.62	0.09	0.01
610	1	C50-4	SLV_01	22.65	0.06	0.10	SLV_02	21.61	0.06	0.09
611	1	C50-4	SLV_01	-21.53	0.06	0.09	SLV_02	19.88	0.06	0.08
615	1	R60x40-5	SLV_01	-45.97	0.09	0.16	SLV_02	-45.91	0.09	0.10
616	1	R60x40-5	SLV_01	40.40	0.09	0.14	SLV_02	-38.29	0.09	0.08
617	1	R100x40-2	SLV_01	-38.84	0.16	0.08	SLV_02	60.02	0.12	0.06
618	1	R100x40-2	SLV_01	39.97	0.16	0.08	SLV_02	60.57	0.12	0.06
619	1	R60x40-5	SLV_01	-41.03	0.09	0.14	SLV_02	-39.25	0.09	0.09
62	1	R60x60-2	SLV_01	12.67	0.09	0.03	SLV_02	6.08	0.09	0.01
620	1	R60x40-5	SLV_01	49.11	0.09	0.17	SLV_02	-52.36	0.09	0.11
624	1	R60x40-5	SLV_01	-70.37	0.09	0.24	SLV_02	22.31	0.09	0.05
625	1	R60x40-5	SLV_01	54.53	0.09	0.19	SLV_02	-30.52	0.09	0.07
626	1	R60x40-5	SLV_01	-31.11	0.09	0.11	SLV_02	64.13	0.09	0.14
627	1	R60x40-5	SLV_01	30.06	0.09	0.10	SLV_02	77.00	0.09	0.17
628	1	R60x40-5	SLV_01	-55.87	0.09	0.19	SLV_02	-47.07	0.09	0.10
629	1	R60x40-5	SLV_01	65.46	0.09	0.23	SLV_02	-42.97	0.09	0.09
63	1	R60x80-72	SLV_01	-37.64	0.12	0.05	SLV_02	-6.97	0.12	0.01
630	1	R80x40-3	SLV_02	27.53	0.16	0.06	SLV_02	59.59	0.12	0.08
631	1	R80x40-3	SLV_01	-26.35	0.16	0.05	SLV_02	63.58	0.12	0.08
632	1	R60x40-5	SLV_01	-64.68	0.09	0.22	SLV_02	-44.11	0.09	0.10
633	1	R60x40-5	SLV_01	58.55	0.09	0.20	SLV_02	-53.50	0.09	0.12
634	1	R60x40-5	SLV_01	-29.77	0.09	0.10	SLV_02	89.62	0.09	0.20
635	1	R60x40-5	SLV_01	36.64	0.09	0.13	SLV_02	84.13	0.09	0.18
636	1	R60x40-6	SLV_01	-46.86	0.09	0.16	SLV_02	-86.54	0.09	0.19
637	1	C50-6	SLV_01	59.42	0.06	0.25	SLV_02	-25.19	0.06	0.11
638	1	R60x40-5	SLV_01	-53.49	0.09	0.18	SLV_02	-19.27	0.09	0.04
639	1	R60x40-5	SLV_01	44.47	0.09	0.15	SLV_02	-27.11	0.09	0.06
64	1	R60x80-72	SLV_01	22.53	0.12	0.03	SLV_02	6.59	0.12	0.01
640	1	R60x40-5	SLV_01	-19.39	0.09	0.07	SLV_02	-28.02	0.09	0.06
641	1	R60x40-5	SLV_01	19.40	0.09	0.07	SLV_02	-25.11	0.09	0.06
642	1	R60x40-5	SLV_01	-43.08	0.09	0.15	SLV_02	-20.68	0.09	0.05
643	1	R60x40-5	SLV_01	50.94	0.09	0.18	SLV_02	-13.66	0.09	0.03
644	1	R60x40-5	SLV_01	-50.64	0.09	0.17	SLV_02	-14.78	0.09	0.03
645	1	R60x40-5	SLV_01	43.88	0.09	0.15	SLV_02	-24.99	0.09	0.05
646	1	R60x40-5	SLV_01	-18.17	0.09	0.06	SLV_02	-31.04	0.09	0.07
647	1	R60x40-5	SLV_01	22.66	0.09	0.08	SLV_02	-34.85	0.09	0.08
648	1	R60x40-5	SLV_01	-34.63	0.09	0.12	SLV_02	-82.25	0.09	0.18
649	1	R30x60-3	SLV_01	55.74	0.08	0.15	SLV_02	16.12	0.12	0.06
	2	R30x60-4	SLV_01	55.74	0.08	0.15	SLV_02	16.12	0.12	0.06
65	1	R100x50-2	SLV_01	12.84	0.16	0.02	SLV_02	-12.43	0.12	0.01
66	1	R80x40-5	SLV_01	-2.23	0.13	0.01	SLV_02	-19.62	0.09	0.03
67	1	R100x50-2	SLV_01	-12.99	0.16	0.02	SLV_02	-12.74	0.12	0.01
68	1	R60x80-72	SLV_01	-22.63	0.12	0.03	SLV_02	6.85	0.12	0.01

69	1	R60x80-72	SLV_01	36.85	0.12	0.05	SLV_02	-7.47	0.12	0.01
7	1	R80x40-5	SLV_01	2.14	0.13	0.01	SLV_02	-13.88	0.09	0.02
70	1	R60x60-2	SLV_01	-12.35	0.09	0.03	SLV_02	6.79	0.09	0.01
71	1	R60x60-2	SLV_01	15.60	0.09	0.03	SLV_02	-5.90	0.09	0.01
72	1	R60x80-72	SLV_02	-31.11	0.12	0.04	SLV_02	-9.41	0.12	0.02
725	1	R80x40-5	SLV_01	-3.43	0.13	0.01	SLV_02	20.79	0.09	0.03
73	1	R60x80-72	SLV_01	-25.69	0.12	0.03	SLV_02	31.61	0.12	0.06
74	1	R60x80-72	SLV_01	35.38	0.12	0.05	SLV_02	-6.01	0.12	0.01
75	1	R60x60-2	SLV_01	-13.99	0.09	0.03	SLV_02	-6.10	0.09	0.01
76	1	R60x60-2	SLV_01	13.92	0.09	0.03	SLV_02	6.51	0.09	0.01
77	1	R60x80-72	SLV_01	-35.32	0.12	0.05	SLV_02	7.39	0.12	0.01
78	1	R60x80-72	SLV_02	27.75	0.12	0.04	SLV_02	8.19	0.12	0.01
79	1	R80x40-4	SLV_01	-14.44	0.16	0.03	SLV_02	-39.86	0.12	0.05
	2	R80x40-3	SLV_01	-14.44	0.16	0.03	SLV_02	-39.86	0.12	0.05
8	1	R100x50-2	SLV_01	-7.44	0.16	0.01	SLV_02	-18.13	0.12	0.02
80	1	R80x40-3	SLV_01	-18.33	0.16	0.04	SLV_02	46.83	0.12	0.06
81	1	R60x80-72	SLV_01	-24.90	0.12	0.03	SLV_02	8.00	0.12	0.01
82	1	R60x80-72	SLV_01	37.21	0.12	0.05	SLV_02	-6.71	0.12	0.01
83	1	R60x60-2	SLV_01	-14.38	0.09	0.03	SLV_02	-3.91	0.09	0.01
84	1	R60x60-2	SLV_01	14.82	0.09	0.03	SLV_02	-6.07	0.09	0.01
85	1	R60x80-72	SLV_01	-37.23	0.12	0.05	SLV_02	-6.05	0.12	0.01
86	1	R60x80-72	SLV_01	27.93	0.12	0.04	SLV_02	33.22	0.12	0.06
87	1	R60x80-72	SLV_02	-23.74	0.12	0.03	SLV_02	7.35	0.12	0.01
88	1	R60x80-72	SLV_01	36.50	0.12	0.05	SLV_02	8.22	0.12	0.01
89	1	R60x60-2	SLV_01	-13.94	0.09	0.03	SLV_02	8.22	0.09	0.02
9	1	R60x80-72	SLV_01	-16.21	0.12	0.02	SLV_02	-6.41	0.12	0.01
90	1	R60x60-2	SLV_01	14.10	0.09	0.03	SLV_02	8.67	0.09	0.02
91	1	R60x80-72	SLV_01	-37.04	0.12	0.05	SLV_02	9.45	0.12	0.02
92	1	R60x80-72	SLV_02	25.00	0.12	0.03	SLV_02	10.29	0.12	0.02
93	1	R60x80-72	SLV_02	-24.11	0.12	0.03	SLV_02	10.24	0.12	0.02
94	1	R60x80-72	SLV_02	38.36	0.12	0.05	SLV_02	9.08	0.12	0.02
95	1	R60x60-2	SLV_02	-14.18	0.09	0.03	SLV_02	4.79	0.09	0.01
96	1	R60x60-2	SLV_01	14.52	0.09	0.03	SLV_02	8.06	0.09	0.02
97	1	R60x80-72	SLV_01	-37.30	0.12	0.05	SLV_02	8.42	0.12	0.01
98	1	R60x80-73	SLV_02	24.91	0.08	0.05	SLV_02	7.39	0.12	0.01
982	1	R80x40-5	SLV_02	-22.11	0.13	0.06	SLV_02	28.33	0.09	0.05
983	1	R80x40-5	SLV_02	-38.97	0.13	0.10	SLV_02	35.48	0.09	0.06
99	1	C50-5	SLV_02	-5.68	0.06	0.03	SLV_02	2.49	0.06	0.01

SLV:VERIFICHE A TAGLIO SETTI

Setto	Sezione	Quota [m]	Direzione 2			Direzione 3		
			Combinazione	V [kN]	D/C	Combinazione	V [kN]	D/C
	1B_1	-15.77				SLV_01	-2.71	0.018
	1B_2	-15.77				SLV_02	-3.97	0.014
	1B_3	-15.77	SLV_02	49.46	0.039			
	1B_4	-15.77	SLV_02	56.88	0.045			
	1B_5	-15.77				SLV_01	-37.80	0.033
	1T_1	-11.27				SLV_01	-2.71	0.018
	1T_2	-11.27				SLV_02	-3.97	0.014
	1T_3	-11.27	SLV_02	49.46	0.039			
	1T_4	-11.27	SLV_02	56.88	0.045			
	1T_5	-11.27				SLV_01	-37.80	0.033
	2B_1	-11.27				SLV_01	3.89	0.026
	2B_2	-11.27				SLV_01	3.77	0.013
	2B_3	-11.27	SLV_01	-28.82	0.023			
	2B_4	-11.27	SLV_01	36.67	0.029			
	2B_5	-11.27				SLV_01	-32.95	0.029
	2T_1	-7.87				SLV_01	3.89	0.026
	2T_2	-7.87				SLV_01	3.77	0.013
	2T_3	-7.87	SLV_01	-28.82	0.023			
	2T_4	-7.87	SLV_01	36.67	0.029			
	2T_5	-7.87				SLV_01	-32.95	0.029
	3B_1	-7.87				SLV_01	-5.00	0.033
	3B_2	-7.87				SLV_01	-10.09	0.035
	3B_3	-7.87	SLV_01	68.92	0.055			
	3B_4	-7.87	SLV_01	77.84	0.062			
	3B_5	-7.87				SLV_01	-62.65	0.056
	3T_1	-4.45				SLV_01	-5.00	0.033
	3T_2	-4.45				SLV_01	-10.09	0.035
	3T_3	-4.45	SLV_01	68.92	0.055			
	3T_4	-4.45	SLV_01	77.84	0.062			
	3T_5	-4.45				SLV_01	-62.65	0.056
	4B_1	-4.45				SLV_01	5.65	0.038
	4B_2	-4.45				SLV_01	-14.63	0.051
	4B_3	-4.45	SLV_02	166.88	0.134			
	4B_4	-4.45	SLV_02	125.53	0.101			
	4B_5	-4.45				SLV_01	156.07	0.139
	4T_1	0				SLV_01	5.65	0.038
	4T_2	0				SLV_01	-14.63	0.051
	4T_3	0	SLV_02	166.88	0.134			
	4T_4	0	SLV_02	125.53	0.101			
	4T_5	0				SLV_01	156.07	0.139
	5B_1	0				SLV_01	-4.49	0.030
	5B_2	0				SLV_01	-13.29	0.046
	5B_3	0	SLV_02	-92.37	0.074			
	5B_4	0	SLV_02	-107.59	0.086			
	5B_5	0				SLV_01	-155.93	0.139
	5T_1	4.75				SLV_01	-4.49	0.030
	5T_2	4.75				SLV_01	-13.29	0.046

W-ASC-DX	5T_3	4.75	SLV_02	-92.37	0.074		
	5T_4	4.75	SLV_02	-107.59	0.086		
	5T_5	4.75				SLV_01	-155.93 0.139
	6B_1	4.75				SLV_01	4.70 0.031
	6B_2	4.75				SLV_01	9.87 0.034
	6B_3	4.75	SLV_01	-70.68	0.057		
	6B_4	4.75	SLV_01	-77.43	0.062		
	6B_5	4.75				SLV_01	-88.73 0.079
	6T_1	8.16				SLV_01	4.70 0.031
	6T_2	8.16				SLV_01	9.87 0.034
	6T_3	8.16	SLV_01	-70.68	0.057		
	6T_4	8.16	SLV_01	-77.43	0.062		
	6T_5	8.16				SLV_01	-88.73 0.079
	7B_1	8.16				SLV_01	-3.19 0.021
	7B_2	8.16				SLV_02	4.42 0.015
	7B_3	8.16	SLV_02	-58.47	0.047		
	7B_4	8.16	SLV_01	-63.32	0.051		
	7B_5	8.16				SLV_01	-69.79 0.062
	7T_1	11.57				SLV_01	-3.19 0.021
	7T_2	11.57				SLV_02	4.42 0.015
	7T_3	11.57	SLV_02	-58.47	0.047		
	7T_4	11.57	SLV_01	-63.32	0.051		
	7T_5	11.57				SLV_01	-69.79 0.062
	8B_1	11.57				SLV_01	1.93 0.013
	8B_2	11.57				SLV_02	3.42 0.012
	8B_3	11.57	SLV_02	-51.29	0.041		
	8B_4	11.57	SLV_01	-51.79	0.042		
	8B_5	11.57				SLV_01	-55.10 0.049
	8T_1	14.98				SLV_01	1.93 0.013
	8T_2	14.98				SLV_02	3.42 0.012
	8T_3	14.98	SLV_02	-51.29	0.041		
	8T_4	14.98	SLV_01	-51.79	0.042		
	8T_5	14.98				SLV_01	-55.10 0.049
	9B_1	14.98				SLV_01	-1.76 0.012
	9B_2	14.98				SLV_02	2.58 0.009
	9B_3	14.98	SLV_02	-44.23	0.035		
	9B_4	14.98	SLV_01	-46.70	0.037		
	9B_5	14.98				SLV_01	-52.71 0.047
	9T_1	18.4				SLV_01	-1.76 0.012
	9T_2	18.4				SLV_02	2.58 0.009
9T_3	18.4	SLV_02	-44.23	0.035			
9T_4	18.4	SLV_01	-46.70	0.037			
9T_5	18.4				SLV_01	-52.71 0.047	
10B_1	18.4				SLV_01	-0.96 0.006	
10B_2	18.4				SLV_02	2.92 0.010	
10B_3	18.4	SLV_02	-37.10	0.030			
10B_4	18.4	SLV_02	-45.18	0.036			
10B_5	18.4				SLV_01	49.89 0.044	
10T_1	21.8				SLV_01	-0.96 0.006	

10T_2	21.8				SLV_02	2.92	0.010
10T_3	21.8	SLV_02	-37.10	0.030			
10T_4	21.8	SLV_02	-45.18	0.036			
10T_5	21.8				SLV_01	49.89	0.044
11B_1	21.8				SLV_02	-0.99	0.007
11B_2	21.8				SLV_02	1.32	0.005
11B_3	21.8	SLV_01	-22.90	0.018			
11B_4	21.8	SLV_01	-32.59	0.026			
11B_5	21.8				SLV_01	44.90	0.040
11T_1	25.2				SLV_02	-0.99	0.007
11T_2	25.2				SLV_02	1.32	0.005
11T_3	25.2	SLV_01	-22.90	0.018			
11T_4	25.2	SLV_01	-32.59	0.026			
11T_5	25.2				SLV_01	44.90	0.040
12B_1	25.2				SLV_02	-0.68	0.005
12B_2	25.2				SLV_02	1.73	0.006
12B_3	25.2	SLV_01	-17.95	0.014			
12B_4	25.2	SLV_02	-23.50	0.019			
12B_5	25.2				SLV_01	23.02	0.021
12T_1	28.7				SLV_02	-0.68	0.005
12T_2	28.7				SLV_02	1.73	0.006
12T_3	28.7	SLV_01	-17.95	0.014			
12T_4	28.7	SLV_02	-23.50	0.019			
12T_5	28.7				SLV_01	23.02	0.021
1B_1	-15.77				SLV_02	7.06	0.026
1B_2	-15.77				SLV_02	-7.58	0.028
1B_3	-15.77	SLV_02	128.39	0.103			
1B_4	-15.77	SLV_02	131.46	0.105			
1B_5	-15.77				SLV_01	171.71	0.069
1T_1	-11.27				SLV_02	7.06	0.026
1T_2	-11.27				SLV_02	-7.58	0.028
1T_3	-11.27	SLV_02	128.39	0.103			
1T_4	-11.27	SLV_02	131.46	0.105			
1T_5	-11.27				SLV_01	171.71	0.069
2B_1	-11.27				SLV_02	3.62	0.014
2B_2	-11.27				SLV_02	3.61	0.013
2B_3	-11.27	SLV_01	68.53	0.055			
2B_4	-11.27	SLV_01	72.02	0.058			
2B_5	-11.27				SLV_01	215.29	0.087
2T_1	-7.87				SLV_02	3.62	0.014
2T_2	-7.87				SLV_02	3.61	0.013
2T_3	-7.87	SLV_01	68.53	0.055			
2T_4	-7.87	SLV_01	72.02	0.058			
2T_5	-7.87				SLV_01	215.29	0.087
3B_1	-7.87				SLV_01	-4.27	0.016
3B_2	-7.87				SLV_01	-4.39	0.016
3B_3	-7.87	SLV_01	91.88	0.074			
3B_4	-7.87	SLV_01	91.86	0.074			
3B_5	-7.87				SLV_01	308.94	0.125

	3T_1	-4.45				SLV_01	-4.27	0.016
	3T_2	-4.45				SLV_01	-4.39	0.016
	3T_3	-4.45	SLV_01	91.88	0.074			
	3T_4	-4.45	SLV_01	91.86	0.074			
	3T_5	-4.45				SLV_01	308.94	0.125
	4B_1	-4.45				SLV_02	7.18	0.027
	4B_2	-4.45				SLV_02	-7.38	0.028
	4B_3	-4.45	SLV_02	118.90	0.095			
	4B_4	-4.45	SLV_02	118.64	0.095			
	4B_5	-4.45				SLV_01	-332.92	0.136
	4T_1	0				SLV_02	7.18	0.027
	4T_2	0				SLV_02	-7.38	0.028
	4T_3	0	SLV_02	118.90	0.095			
	4T_4	0	SLV_02	118.64	0.095			
	4T_5	0				SLV_01	-332.92	0.136
	5B_1	0				SLV_02	-5.02	0.019
	5B_2	0				SLV_01	4.52	0.017
	5B_3	0	SLV_02	97.76	0.078			
	5B_4	0	SLV_02	98.28	0.079			
	5B_5	0				SLV_01	330.00	0.135
	5T_1	4.75				SLV_02	-5.02	0.019
	5T_2	4.75				SLV_01	4.52	0.017
	5T_3	4.75	SLV_02	97.76	0.078			
	5T_4	4.75	SLV_02	98.28	0.079			
	5T_5	4.75				SLV_01	330.00	0.135
	6B_1	4.75				SLV_02	-6.48	0.024
	6B_2	4.75				SLV_02	-6.80	0.025
	6B_3	4.75	SLV_01	-129.73	0.104			
	6B_4	4.75	SLV_02	-128.73	0.103			
	6B_5	4.75				SLV_01	-517.85	0.212
	6T_1	8.16				SLV_02	-6.48	0.024
	6T_2	8.16				SLV_02	-6.80	0.025
	6T_3	8.16	SLV_01	-129.73	0.104			
	6T_4	8.16	SLV_02	-128.73	0.103			
	6T_5	8.16				SLV_01	-517.85	0.212
W-ASC-MID-1	7B_1	8.16				SLV_02	-5.62	0.021
	7B_2	8.16				SLV_02	5.86	0.022
	7B_3	8.16	SLV_01	-129.25	0.104			
	7B_4	8.16	SLV_01	-129.00	0.104			
	7B_5	8.16				SLV_01	-440.66	0.180
	7T_1	11.57				SLV_02	-5.62	0.021
	7T_2	11.57				SLV_02	5.86	0.022
	7T_3	11.57	SLV_01	-129.25	0.104			
	7T_4	11.57	SLV_01	-129.00	0.104			
	7T_5	11.57				SLV_01	-440.66	0.180
	8B_1	11.57				SLV_02	4.04	0.015
	8B_2	11.57				SLV_02	-4.09	0.015
	8B_3	11.57	SLV_01	-96.85	0.078			
	8B_4	11.57	SLV_01	-97.23	0.078			

8B_5	11.57				SLV_01	-329.91	0.135
8T_1	14.98				SLV_02	4.04	0.015
8T_2	14.98				SLV_02	-4.09	0.015
8T_3	14.98	SLV_01	-96.85	0.078			
8T_4	14.98	SLV_01	-97.23	0.078			
8T_5	14.98				SLV_01	-329.91	0.135
9B_1	14.98				SLV_02	-5.40	0.020
9B_2	14.98				SLV_02	5.32	0.020
9B_3	14.98	SLV_01	-80.37	0.064			
9B_4	14.98	SLV_01	-81.53	0.065			
9B_5	14.98				SLV_01	-285.10	0.117
9T_1	18.4				SLV_02	-5.40	0.020
9T_2	18.4				SLV_02	5.32	0.020
9T_3	18.4	SLV_01	-80.37	0.064			
9T_4	18.4	SLV_01	-81.53	0.065			
9T_5	18.4				SLV_01	-285.10	0.117
10B_1	18.4				SLV_02	9.41	0.035
10B_2	18.4				SLV_02	-9.67	0.036
10B_3	18.4	SLV_01	-74.63	0.060			
10B_4	18.4	SLV_01	-74.57	0.060			
10B_5	18.4				SLV_01	287.44	0.118
10T_1	21.8				SLV_02	9.41	0.035
10T_2	21.8				SLV_02	-9.67	0.036
10T_3	21.8	SLV_01	-74.63	0.060			
10T_4	21.8	SLV_01	-74.57	0.060			
10T_5	21.8				SLV_01	287.44	0.118
11B_1	21.8				SLV_02	-16.42	0.061
11B_2	21.8				SLV_02	16.49	0.062
11B_3	21.8	SLV_01	-59.53	0.048			
11B_4	21.8	SLV_01	-57.40	0.046			
11B_5	21.8				SLV_01	-250.46	0.102
11T_1	25.2				SLV_02	-16.42	0.061
11T_2	25.2				SLV_02	16.49	0.062
11T_3	25.2	SLV_01	-59.53	0.048			
11T_4	25.2	SLV_01	-57.40	0.046			
11T_5	25.2				SLV_01	-250.46	0.102
12B_1	25.2				SLV_02	31.47	0.116
12B_2	25.2				SLV_02	-32.90	0.121
12B_3	25.2	SLV_02	69.62	0.056			
12B_4	25.2	SLV_02	68.85	0.055			
12B_5	25.2				SLV_01	-104.75	0.043
12T_1	28.7				SLV_02	31.47	0.116
12T_2	28.7				SLV_02	-32.90	0.121
12T_3	28.7	SLV_02	69.62	0.056			
12T_4	28.7	SLV_02	68.85	0.055			
12T_5	28.7				SLV_01	-104.75	0.043
1B	-15.77				SLV_01	-8.94	0.015
1T	-11.27				SLV_01	-8.94	0.015
2B	-11.27				SLV_01	6.52	0.011

W-ASC-MID-2	2T	-7.87				SLV_01	6.52	0.011
	3B	-7.87				SLV_01	-8.15	0.014
	3T	-4.45				SLV_01	-8.15	0.014
	4B	-4.45				SLV_01	15.64	0.027
	4T	0				SLV_01	15.64	0.027
	5B	0				SLV_01	18.95	0.034
	5T	4.75				SLV_01	18.95	0.034
	6B	4.75				SLV_01	-14.51	0.026
	6T	8.16				SLV_01	-14.51	0.026
	7B	8.16				SLV_01	3.99	0.007
	7T	11.57				SLV_01	3.99	0.007
	8B	11.57				SLV_01	-3.54	0.006
	8T	14.98				SLV_01	-3.54	0.006
	9B	14.98				SLV_01	3.29	0.006
	9T	18.4				SLV_01	3.29	0.006
	10B	18.4				SLV_01	-4.82	0.009
	10T	21.8				SLV_01	-4.82	0.009
	11B	21.8				SLV_01	6.53	0.012
	11T	25.2				SLV_01	6.53	0.012
	12B	25.2				SLV_02	-10.09	0.019
12T	28.7				SLV_02	-10.09	0.019	
1B_1	-15.77				SLV_02	3.91	0.014	
1B_2	-15.77				SLV_01	2.71	0.018	
1B_3	-15.77				SLV_01	38.74	0.034	
1B_4	-15.77	SLV_02	57.07	0.045				
1B_5	-15.77	SLV_02	48.57	0.038				
1T_1	-11.27				SLV_02	3.91	0.014	
1T_2	-11.27				SLV_01	2.71	0.018	
1T_3	-11.27				SLV_01	38.74	0.034	
1T_4	-11.27	SLV_02	57.07	0.045				
1T_5	-11.27	SLV_02	48.57	0.038				
2B_1	-11.27				SLV_01	-3.76	0.013	
2B_2	-11.27				SLV_01	-3.88	0.026	
2B_3	-11.27				SLV_01	33.56	0.030	
2B_4	-11.27	SLV_01	37.28	0.030				
2B_5	-11.27	SLV_01	-29.12	0.023				
2T_1	-7.87				SLV_01	-3.76	0.013	
2T_2	-7.87				SLV_01	-3.88	0.026	
2T_3	-7.87				SLV_01	33.56	0.030	
2T_4	-7.87	SLV_01	37.28	0.030				
2T_5	-7.87	SLV_01	-29.12	0.023				
3B_1	-7.87				SLV_01	10.12	0.035	
3B_2	-7.87				SLV_01	4.92	0.033	
3B_3	-7.87				SLV_01	63.10	0.056	
3B_4	-7.87	SLV_01	78.01	0.062				
3B_5	-7.87	SLV_02	70.42	0.056				
3T_1	-4.45				SLV_01	10.12	0.035	
3T_2	-4.45				SLV_01	4.92	0.033	
3T_3	-4.45				SLV_01	63.10	0.056	

	3T_4	-4.45	SLV_01	78.01	0.062			
	3T_5	-4.45	SLV_02	70.42	0.056			
	4B_1	-4.45				SLV_01	14.59	0.051
	4B_2	-4.45				SLV_01	-5.67	0.038
	4B_3	-4.45				SLV_01	-154.61	0.138
	4B_4	-4.45	SLV_02	133.05	0.107			
	4B_5	-4.45	SLV_02	177.20	0.142			
	4T_1	0				SLV_01	14.59	0.051
	4T_2	0				SLV_01	-5.67	0.038
	4T_3	0				SLV_01	-154.61	0.138
	4T_4	0	SLV_02	133.05	0.107			
	4T_5	0	SLV_02	177.20	0.142			
	5B_1	0				SLV_01	13.17	0.046
	5B_2	0				SLV_01	4.48	0.030
	5B_3	0				SLV_01	155.08	0.138
	5B_4	0	SLV_02	-110.77	0.089			
	5B_5	0	SLV_02	-95.84	0.077			
	5T_1	4.75				SLV_01	13.17	0.046
	5T_2	4.75				SLV_01	4.48	0.030
	5T_3	4.75				SLV_01	155.08	0.138
	5T_4	4.75	SLV_02	-110.77	0.089			
	5T_5	4.75	SLV_02	-95.84	0.077			
	6B_1	4.75				SLV_01	-9.81	0.034
	6B_2	4.75				SLV_01	-4.64	0.031
	6B_3	4.75				SLV_01	88.91	0.079
	6B_4	4.75	SLV_01	-77.62	0.062			
	6B_5	4.75	SLV_02	-73.18	0.059			
	6T_1	8.16				SLV_01	-9.81	0.034
	6T_2	8.16				SLV_01	-4.64	0.031
	6T_3	8.16				SLV_01	88.91	0.079
	6T_4	8.16	SLV_01	-77.62	0.062			
	6T_5	8.16	SLV_02	-73.18	0.059			
W-ASC-SX	7B_1	8.16				SLV_02	-4.57	0.016
	7B_2	8.16				SLV_01	3.17	0.021
	7B_3	8.16				SLV_01	69.79	0.062
	7B_4	8.16	SLV_01	-62.86	0.050			
	7B_5	8.16	SLV_02	-60.64	0.049			
	7T_1	11.57				SLV_02	-4.57	0.016
	7T_2	11.57				SLV_01	3.17	0.021
	7T_3	11.57				SLV_01	69.79	0.062
	7T_4	11.57	SLV_01	-62.86	0.050			
	7T_5	11.57	SLV_02	-60.64	0.049			
	8B_1	11.57				SLV_02	-3.40	0.012
	8B_2	11.57				SLV_01	-1.90	0.013
	8B_3	11.57				SLV_01	55.58	0.050
	8B_4	11.57	SLV_01	-50.59	0.041			
	8B_5	11.57	SLV_02	-53.07	0.043			
	8T_1	14.98				SLV_02	-3.40	0.012
	8T_2	14.98				SLV_01	-1.90	0.013

8T_3	14.98				SLV_01	55.58	0.050
8T_4	14.98	SLV_01	-50.59	0.041			
8T_5	14.98	SLV_02	-53.07	0.043			
9B_1	14.98				SLV_02	-2.82	0.010
9B_2	14.98				SLV_01	1.67	0.011
9B_3	14.98				SLV_01	52.92	0.047
9B_4	14.98	SLV_02	-45.19	0.036			
9B_5	14.98	SLV_02	-45.00	0.036			
9T_1	18.4				SLV_02	-2.82	0.010
9T_2	18.4				SLV_01	1.67	0.011
9T_3	18.4				SLV_01	52.92	0.047
9T_4	18.4	SLV_02	-45.19	0.036			
9T_5	18.4	SLV_02	-45.00	0.036			
10B_1	18.4				SLV_02	-2.28	0.008
10B_2	18.4				SLV_01	0.97	0.006
10B_3	18.4				SLV_01	50.72	0.045
10B_4	18.4	SLV_02	-44.50	0.036			
10B_5	18.4	SLV_02	-37.04	0.030			
10T_1	21.8				SLV_02	-2.28	0.008
10T_2	21.8				SLV_01	0.97	0.006
10T_3	21.8				SLV_01	50.72	0.045
10T_4	21.8	SLV_02	-44.50	0.036			
10T_5	21.8	SLV_02	-37.04	0.030			
11B_1	21.8				SLV_02	-3.09	0.011
11B_2	21.8				SLV_01	0.76	0.005
11B_3	21.8				SLV_01	-48.00	0.043
11B_4	21.8	SLV_01	-36.07	0.029			
11B_5	21.8	SLV_02	-25.37	0.020			
11T_1	25.2				SLV_02	-3.09	0.011
11T_2	25.2				SLV_01	0.76	0.005
11T_3	25.2				SLV_01	-48.00	0.043
11T_4	25.2	SLV_01	-36.07	0.029			
11T_5	25.2	SLV_02	-25.37	0.020			
12B_1	25.2				SLV_02	-1.93	0.007
12B_2	25.2				SLV_02	0.64	0.004
12B_3	25.2				SLV_02	-26.94	0.024
12B_4	25.2	SLV_01	-25.16	0.020			
12B_5	25.2	SLV_02	-26.87	0.022			
12T_1	28.7				SLV_02	-1.93	0.007
12T_2	28.7				SLV_02	0.64	0.004
12T_3	28.7				SLV_02	-26.94	0.024
12T_4	28.7	SLV_01	-25.16	0.020			
12T_5	28.7	SLV_02	-26.87	0.022			
1B_1	-15.77	SLV_02	369.05	0.088			
1B_2	-15.77	SLV_02	582.54	0.139			
1B_3	-15.77				SLV_01	-438.98	0.115
1B_4	-15.77				SLV_01	95.54	0.094
1B_5	-15.77				SLV_02	96.82	0.095
1B_6	-15.77	SLV_02	-99.73	0.097			

1B_7	-15.77	SLV_02	147.36	0.105			
1B_8	-15.77	SLV_02	109.25	0.104			
1B_9	-15.77				SLV_02	-87.45	0.086
1B_10	-15.77				SLV_01	-55.44	0.054
1T_1	-11.27	SLV_02	371.02	0.088			
1T_2	-11.27	SLV_02	591.57	0.141			
1T_3	-11.27				SLV_01	-435.32	0.115
1T_4	-11.27				SLV_01	95.54	0.094
1T_5	-11.27				SLV_02	96.82	0.095
1T_6	-11.27	SLV_02	-99.73	0.097			
1T_7	-11.27	SLV_02	147.36	0.105			
1T_8	-11.27	SLV_02	109.25	0.104			
1T_9	-11.27				SLV_02	-87.45	0.086
1T_10	-11.27				SLV_01	-55.44	0.054
2B_1	-11.27	SLV_02	466.87	0.111			
2B_2	-11.27	SLV_02	851.31	0.204			
2B_3	-11.27				SLV_01	-680.49	0.179
2B_4	-11.27				SLV_02	94.96	0.093
2B_5	-11.27				SLV_02	91.43	0.090
2B_6	-11.27	SLV_02	-128.00	0.125			
2B_7	-11.27	SLV_02	259.17	0.185			
2B_8	-11.27	SLV_02	177.23	0.169			
2B_9	-11.27				SLV_02	-99.82	0.098
2B_10	-11.27				SLV_02	-125.94	0.124
2T_1	-7.87	SLV_02	468.62	0.112			
2T_2	-7.87	SLV_02	861.22	0.206			
2T_3	-7.87				SLV_01	-681.21	0.179
2T_4	-7.87				SLV_02	94.96	0.093
2T_5	-7.87				SLV_02	91.43	0.090
2T_6	-7.87	SLV_02	-128.00	0.125			
2T_7	-7.87	SLV_02	259.17	0.185			
2T_8	-7.87	SLV_02	177.23	0.169			
2T_9	-7.87				SLV_02	-99.82	0.098
2T_10	-7.87				SLV_02	-125.94	0.124
3B_1	-7.87	SLV_02	506.93	0.121			
3B_2	-7.87	SLV_02	1188.15	0.287			
3B_3	-7.87				SLV_01	-882.46	0.232
3B_4	-7.87				SLV_01	102.21	0.100
3B_5	-7.87				SLV_02	208.73	0.205
3B_6	-7.87	SLV_02	-187.02	0.183			
3B_7	-7.87	SLV_02	201.11	0.144			
3B_8	-7.87	SLV_02	266.39	0.254			
3B_9	-7.87				SLV_02	-325.81	0.321
3B_10	-7.87				SLV_02	-130.29	0.128
3T_1	-4.45	SLV_02	504.11	0.121			
3T_2	-4.45	SLV_02	1200.03	0.290			
3T_3	-4.45				SLV_01	-883.18	0.232
3T_4	-4.45				SLV_01	102.21	0.100
3T_5	-4.45				SLV_02	208.73	0.205

W-DX	3T_6	-4.45	SLV_02	-187.02	0.183		
	3T_7	-4.45	SLV_02	201.11	0.144		
	3T_8	-4.45	SLV_02	266.39	0.254		
	3T_9	-4.45				SLV_02	-325.81 0.321
	3T_10	-4.45				SLV_02	-130.29 0.128
	4B_1	-4.45	SLV_02	442.65	0.107		
	4B_2	-4.45	SLV_02	1436.98	0.347		
	4B_3	-4.45				SLV_01	-969.31 0.255
	4B_4	-4.45				SLV_01	546.72 0.537
	4B_5	-4.45				SLV_01	281.26 0.277
	4B_6	-4.45	SLV_01	-134.38	0.131		
	4B_7	-4.45	SLV_02	113.14	0.081		
	4B_8	-4.45	SLV_02	128.07	0.122		
	4B_9	-4.45				SLV_02	-287.45 0.283
	4B_10	-4.45				SLV_02	-662.20 0.651
	4T_1	0	SLV_02	416.31	0.101		
	4T_2	0	SLV_02	1416.59	0.342		
	4T_3	0				SLV_01	-937.78 0.247
	4T_4	0				SLV_01	546.72 0.537
	4T_5	0				SLV_01	281.26 0.277
	4T_6	0	SLV_01	-134.38	0.131		
	4T_7	0	SLV_02	113.14	0.081		
	4T_8	0	SLV_02	128.07	0.122		
	4T_9	0				SLV_02	-287.45 0.283
	4T_10	0				SLV_02	-662.20 0.651
	5B_1	0	SLV_02	-1644.21	0.398		
	5B_2	0	SLV_02	1115.99	0.270		
	5B_3	0				SLV_01	-1458.49 0.384
	5T_1	4.75	SLV_02	-1648.08	0.398		
	5T_2	4.75	SLV_02	1125.10	0.272		
	5T_3	4.75				SLV_01	-1462.35 0.385
	6B_1	4.75	SLV_02	-1125.47	0.272		
	6B_2	4.75	SLV_02	1106.42	0.267		
	6B_3	4.75				SLV_01	-1330.47 0.350
	6T_1	8.16	SLV_02	-1115.59	0.270		
	6T_2	8.16	SLV_02	1101.95	0.266		
	6T_3	8.16				SLV_01	-1311.16 0.345
	7B_1	8.16	SLV_02	-924.35	0.223		
	7B_2	8.16	SLV_02	1071.78	0.259		
	7B_3	8.16				SLV_01	-1150.79 0.303
7T_1	11.57	SLV_02	-917.33	0.222			
7T_2	11.57	SLV_02	1068.52	0.258			
7T_3	11.57				SLV_01	-1131.62 0.298	
8B_1	11.57	SLV_02	-780.65	0.189			
8B_2	11.57	SLV_02	1000.79	0.242			
8B_3	11.57				SLV_01	-1027.97 0.271	
8T_1	14.98	SLV_02	-775.75	0.188			
8T_2	14.98	SLV_02	998.75	0.241			
8T_3	14.98				SLV_01	-1014.52 0.267	

	11T_2	25.2	SLV_02	823.26	0.199			
	12B_1	25.2				SLV_01	-284.04	0.183
	12B_2	25.2	SLV_02	-441.08	0.164			
	12T_1	28.7				SLV_02	150.16	0.097
	12T_2	28.7	SLV_02	-420.31	0.156			
	1B_1	-15.77				SLV_01	498.18	0.087
	1B_2	-15.77	SLV_02	960.88	0.226			
	1B_3	-15.77	SLV_02	986.61	0.232			
	1T_1	-11.27				SLV_01	496.36	0.087
	1T_2	-11.27	SLV_02	975.03	0.229			
	1T_3	-11.27	SLV_02	1001.24	0.235			
	2B_1	-11.27				SLV_01	619.97	0.109
	2B_2	-11.27	SLV_02	1218.22	0.287			
	2B_3	-11.27	SLV_02	1248.90	0.294			
	2T_1	-7.87				SLV_01	617.41	0.109
	2T_2	-7.87	SLV_02	1227.97	0.289			
	2T_3	-7.87	SLV_02	1258.76	0.296			
	3B_1	-7.87				SLV_01	684.31	0.121
W-MID-INF	3B_2	-7.87	SLV_02	1373.35	0.324			
	3B_3	-7.87	SLV_02	1417.98	0.334			
	3T_1	-4.45				SLV_01	677.11	0.120
	3T_2	-4.45	SLV_02	1370.39	0.324			
	3T_3	-4.45	SLV_02	1407.57	0.332			
	4B_1	-4.45				SLV_01	472.78	0.085
	4B_2	-4.45	SLV_02	1455.23	0.345			
	4B_3	-4.45	SLV_02	1484.06	0.352			
	4T_1	0				SLV_01	470.01	0.085
	4T_2	0	SLV_02	1418.33	0.336			
	4T_3	0	SLV_02	1448.57	0.343			
	5B_1	0				SLV_01	1306.62	0.235
	5B_2	0	SLV_02	1118.05	0.266			
	5B_3	0	SLV_02	1129.68	0.269			
	5T_1	4.75				SLV_01	-742.96	0.479
	5T_2	4.75	SLV_02	1120.10	0.266			
	6B_1	4.75				SLV_01	-497.89	0.321
	6B_2	4.75	SLV_02	-845.50	0.310			
	6T_1	8.16				SLV_01	-418.05	0.270
	6T_2	8.16	SLV_02	-836.21	0.306			
	7B_1	8.16				SLV_01	-391.81	0.253
	7B_2	8.16	SLV_02	892.16	0.213			
	7T_1	11.57				SLV_01	-380.00	0.245
	7T_2	11.57	SLV_02	865.12	0.206			
	8B_1	11.57				SLV_01	-373.30	0.241
	8B_2	11.57	SLV_02	813.91	0.195			
	8T_1	14.98				SLV_01	-383.89	0.248
	8T_2	14.98	SLV_02	815.71	0.195			
W-MID-SX	9B_1	14.98				SLV_01	-371.73	0.240
	9B_2	14.98	SLV_02	875.72	0.210			
	9T_1	18.4				SLV_01	-383.78	0.248

9T_2	18.4	SLV_02	883.80	0.212		
10B_1	18.4				SLV_01	-368.19 0.238
10B_2	18.4	SLV_02	931.31	0.224		
10T_1	21.8				SLV_01	-379.51 0.245
10T_2	21.8	SLV_02	924.08	0.222		
11B_1	21.8				SLV_01	-337.93 0.218
11B_2	21.8	SLV_02	818.92	0.197		
11T_1	25.2				SLV_01	-369.60 0.238
11T_2	25.2	SLV_02	804.17	0.194		
12B_1	25.2				SLV_01	-273.15 0.176
12B_2	25.2	SLV_02	-404.74	0.150		
12T_1	28.7				SLV_02	-148.35 0.096
12T_2	28.7	SLV_02	-383.11	0.142		
1B_1	-15.77	SLV_02	587.84	0.140		
1B_2	-15.77	SLV_02	360.35	0.085		
1B_3	-15.77				SLV_01	448.81 0.117
1B_4	-15.77				SLV_01	97.71 0.096
1B_5	-15.77				SLV_02	102.83 0.101
1B_6	-15.77	SLV_02	-104.87	0.103		
1B_7	-15.77	SLV_02	151.80	0.109		
1B_8	-15.77	SLV_02	115.03	0.110		
1B_9	-15.77				SLV_02	-90.35 0.089
1B_10	-15.77				SLV_01	-57.15 0.056
1T_1	-11.27	SLV_02	602.36	0.143		
1T_2	-11.27	SLV_02	366.61	0.087		
1T_3	-11.27				SLV_01	447.29 0.118
1T_4	-11.27				SLV_01	97.71 0.096
1T_5	-11.27				SLV_02	102.83 0.101
1T_6	-11.27	SLV_02	-104.87	0.103		
1T_7	-11.27	SLV_02	151.80	0.109		
1T_8	-11.27	SLV_02	115.03	0.110		
1T_9	-11.27				SLV_02	-90.35 0.089
1T_10	-11.27				SLV_01	-57.15 0.056
2B_1	-11.27	SLV_02	882.62	0.211		
2B_2	-11.27	SLV_02	463.31	0.110		
2B_3	-11.27				SLV_01	692.00 0.182
2B_4	-11.27				SLV_02	100.53 0.099
2B_5	-11.27				SLV_02	97.08 0.096
2B_6	-11.27	SLV_02	-135.64	0.133		
2B_7	-11.27	SLV_02	266.35	0.190		
2B_8	-11.27	SLV_02	186.09	0.178		
2B_9	-11.27				SLV_02	-103.85 0.102
2B_10	-11.27				SLV_02	-133.67 0.131
2T_1	-7.87	SLV_02	895.77	0.214		
2T_2	-7.87	SLV_02	466.52	0.111		
2T_3	-7.87				SLV_01	701.62 0.185
2T_4	-7.87				SLV_02	100.53 0.099
2T_5	-7.87				SLV_02	97.08 0.096
2T_6	-7.87	SLV_02	-135.64	0.133		

	2T_7	-7.87	SLV_02	266.35	0.190			
	2T_8	-7.87	SLV_02	186.09	0.178			
	2T_9	-7.87				SLV_02	-103.85	0.102
	2T_10	-7.87				SLV_02	-133.67	0.131
	3B_1	-7.87	SLV_02	1239.60	0.299			
	3B_2	-7.87	SLV_02	504.93	0.121			
	3B_3	-7.87				SLV_01	901.56	0.237
	3B_4	-7.87				SLV_01	105.57	0.104
	3B_5	-7.87				SLV_02	219.76	0.216
	3B_6	-7.87	SLV_02	-198.72	0.195			
	3B_7	-7.87	SLV_02	202.41	0.145			
	3B_8	-7.87	SLV_02	263.96	0.253			
	3B_9	-7.87				SLV_02	-354.72	0.349
	3B_10	-7.87				SLV_02	-140.76	0.138
	3T_1	-4.45	SLV_02	1255.48	0.304			
	3T_2	-4.45	SLV_02	503.52	0.121			
	3T_3	-4.45				SLV_01	908.14	0.239
	3T_4	-4.45				SLV_01	105.57	0.104
	3T_5	-4.45				SLV_02	219.76	0.216
	3T_6	-4.45	SLV_02	-198.72	0.195			
	3T_7	-4.45	SLV_02	202.41	0.145			
	3T_8	-4.45	SLV_02	263.96	0.253			
	3T_9	-4.45				SLV_02	-354.72	0.349
	3T_10	-4.45				SLV_02	-140.76	0.138
	4B_1	-4.45	SLV_02	1499.02	0.362			
	4B_2	-4.45	SLV_02	439.69	0.106			
	4B_3	-4.45				SLV_01	980.42	0.258
	4B_4	-4.45				SLV_01	541.99	0.533
W-SX	4B_5	-4.45				SLV_01	285.78	0.281
	4B_6	-4.45	SLV_01	-135.28	0.133			
	4B_7	-4.45	SLV_02	105.06	0.075			
	4B_8	-4.45	SLV_02	115.32	0.111			
	4B_9	-4.45				SLV_02	-319.72	0.315
	4B_10	-4.45				SLV_02	-707.93	0.696
	4T_1	0	SLV_02	1484.57	0.359			
	4T_2	0	SLV_02	-414.85	0.100			
	4T_3	0				SLV_01	966.91	0.255
	4T_4	0				SLV_01	541.99	0.533
	4T_5	0				SLV_01	285.78	0.281
	4T_6	0	SLV_01	-135.28	0.133			
	4T_7	0	SLV_02	105.06	0.075			
	4T_8	0	SLV_02	115.32	0.111			
	4T_9	0				SLV_02	-319.72	0.315
	4T_10	0				SLV_02	-707.93	0.696
	5B_1	0	SLV_02	1145.59	0.277			
	5B_2	0	SLV_02	-1705.24	0.412			
	5B_3	0				SLV_01	1444.19	0.380
	5T_1	4.75	SLV_02	1162.17	0.281			
	5T_2	4.75	SLV_02	-1719.20	0.416			

5T_3	4.75				SLV_01	1475.58	0.388
6B_1	4.75	SLV_02	1155.47	0.279			
6B_2	4.75	SLV_02	-1184.25	0.286			
6B_3	4.75				SLV_01	1331.26	0.350
6T_1	8.16	SLV_02	1152.44	0.279			
6T_2	8.16	SLV_02	-1175.39	0.284			
6T_3	8.16				SLV_01	1328.95	0.350
7B_1	8.16	SLV_02	1108.83	0.268			
7B_2	8.16	SLV_02	-973.19	0.235			
7B_3	8.16				SLV_01	1153.04	0.304
7T_1	11.57	SLV_02	1106.17	0.267			
7T_2	11.57	SLV_02	-967.08	0.234			
7T_3	11.57				SLV_01	1146.94	0.302
8B_1	11.57	SLV_02	1012.45	0.245			
8B_2	11.57	SLV_02	-824.58	0.199			
8B_3	11.57				SLV_01	1025.63	0.270
8T_1	14.98	SLV_02	1010.61	0.244			
8T_2	14.98	SLV_02	-820.45	0.198			
8T_3	14.98				SLV_01	1026.69	0.270
9B_1	14.98	SLV_02	942.58	0.228			
9B_2	14.98	SLV_02	-704.98	0.170			
9B_3	14.98				SLV_01	941.70	0.248
9T_1	18.4	SLV_02	941.76	0.228			
9T_2	18.4	SLV_02	-701.67	0.170			
9T_3	18.4				SLV_01	946.15	0.249
10B_1	18.4	SLV_02	867.59	0.210			
10B_2	18.4	SLV_02	-585.04	0.141			
10B_3	18.4				SLV_01	849.86	0.224
10T_1	21.8	SLV_02	865.65	0.209			
10T_2	21.8	SLV_02	-579.61	0.140			
10T_3	21.8				SLV_01	850.04	0.224
11B_1	21.8	SLV_02	706.60	0.171			
11B_2	21.8	SLV_02	-429.20	0.104			
11B_3	21.8				SLV_01	664.68	0.175
11T_1	25.2	SLV_02	700.64	0.168			
11T_2	25.2	SLV_02	-418.94	0.101			
11T_3	25.2				SLV_01	650.84	0.171
12B_1	25.2	SLV_02	365.59	0.088			
12B_2	25.2	SLV_01	-183.69	0.044			
12B_3	25.2				SLV_01	325.48	0.086
12T_1	28.7	SLV_02	356.71	0.086			
12T_2	28.7	SLV_01	-164.61	0.040			
12T_3	28.7				SLV_01	301.47	0.079