



Supplement of

A revised alpha-ejection correction calculation for (U–Th) / He thermochronology dates of broken apatite crystals

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Supplementary Table 1. Comparison of FT-corrected dates applying new and old fragmentation corrections to synthetic raw data from Brown et al., 2013

Fragment length	Fragment type*	r (half width, um)	Volume (hex)	SA(hex)	Elevation	Thermal history**	alpha-affected SA (hex)	beta-alpha modified beta (new method)	beta (old method)	Raw date	Corrected date (new method)	Corrected date (old method)	Ft-corrected date of unbroken grain (new)	Ft-corrected date of unbroken grain (old)	date of unbroken crystal
175	1.5	75	2557481	107978	N/A	1	93364	0.0365	0.0384	37.5	46.0	46.5	0.2%	1.3%	45.9
120	1.5	75	1753701	83228	N/A	1	68614	0.0391	0.0419	37.2	46.3	47.1	1.0%	2.7%	45.9
137	1.5	75	2002142	90878	N/A	1	76264	0.0381	0.0405	37.3	46.2	46.8	0.7%	2.1%	45.9
186	1.5	75	2718237	112928	N/A	1	98314	0.0362	0.0380	37.6	45.9	46.4	0.1%	1.2%	45.9
87	1.5	75	1271434	68378	N/A	1	53764	0.0423	0.0461	36.9	46.8	47.9	2.0%	4.4%	45.9
128	1.5	75	1870615	86828	N/A	1	72214	0.0386	0.0412	37.3	46.3	47.0	0.8%	2.4%	45.9
295	1.5	75	4311183	161978	N/A	1	147364	0.0342	0.0353	37.8	45.6	45.9	-0.5%	0.2%	45.9
251	1.5	75	3668159	142178	N/A	1	127564	0.0348	0.0361	37.7	45.7	46.1	-0.3%	0.5%	45.9
380	1.5	75	5553388	200228	N/A	1	185614	0.0334	0.0343	37.8	45.5	45.8	-0.7%	-0.2%	45.9
309	1.5	75	4515781	168278	N/A	1	153664	0.0340	0.0351	37.8	45.6	45.9	-0.5%	0.1%	45.9
186	1.5	75	2718237	112928	N/A	1	98314	0.0362	0.0380	37.6	45.9	46.4	0.1%	1.2%	45.9
341	1.5	75	4983435	182678	N/A	1	168064	0.0337	0.0347	37.8	45.6	45.8	-0.6%	-0.1%	45.9
252	1.5	75	3682773	142628	N/A	1	128014	0.0348	0.0361	37.7	45.7	46.1	-0.3%	0.5%	45.9
148	1.5	75	2162898	95828	N/A	1	81214	0.0376	0.0398	37.4	46.1	46.7	0.5%	1.9%	45.9
179	1.5	75	2615938	109778	N/A	1	95164	0.0364	0.0382	37.5	46.0	46.5	0.2%	1.3%	45.9
234	1.5	75	3419718	134528	N/A	1	119914	0.0351	0.0365	37.7	45.8	46.2	-0.2%	0.6%	45.9
221	1.5	75	3229733	128678	N/A	1	114064	0.0353	0.0368	37.6	45.8	46.2	-0.1%	0.7%	45.9
201	1.5	75	2937450	119678	N/A	1	105064	0.0358	0.0374	37.6	45.9	46.3	0.0%	1.0%	45.9
382	1.5	75	5582616	201128	N/A	1	186514	0.0334	0.0343	37.8	45.5	45.8	-0.7%	-0.2%	45.9
239	1.5	75	3492789	136778	N/A	1	122164	0.0350	0.0364	37.7	45.7	46.1	-0.3%	0.6%	45.9
158	1.5	75	2309040	100328	N/A	1	85714	0.0371	0.0392	37.5	46.1	46.6	0.4%	1.7%	45.9
387	1.5	75	5655687	203378	N/A	1	188764	0.0334	0.0342	37.8	45.5	45.7	-0.8%	-0.3%	45.9
390	1.5	75	5699530	204728	N/A	1	190114	0.0334	0.0342	37.8	45.5	45.7	-0.8%	-0.3%	45.9
160	1.5	75	2338269	101228	N/A	1	86614	0.0371	0.0391	37.5	46.0	46.6	0.4%	1.6%	45.9
387	1.5	75	5655687	203378	N/A	1	188764	0.0334	0.0342	37.8	45.5	45.7	-0.8%	-0.3%	45.9
89	1.5	75	1300662	69278	N/A	1	54664	0.0420	0.0458	36.9	46.7	47.8	1.9%	4.2%	45.9
370	1.5	75	5407246	195728	N/A	1	181114	0.0335	0.0344	37.8	45.5	45.8	-0.7%	-0.2%	45.9
244	1.5	75	3565860	139028	N/A	1	124414	0.0349	0.0363	37.7	45.7	46.1	-0.3%	0.5%	45.9
276	1.5	75	4033513	153428	N/A	1	138814	0.0344	0.0356	37.7	45.7	46.0	-0.4%	0.3%	45.9
48	1.5	75	701481	50828	N/A	1	36214	0.0516	0.0586	35.9	48.2	50.3	5.0%	9.6%	45.9
390	1.5	75	5699530	204728	N/A	1	190114	0.0334	0.0342	37.8	45.5	45.7	-0.8%	-0.3%	45.9
212	1.5	75	3098206	124628	N/A	1	110014	0.0371	0.0371	37.6	45.8	46.3	-0.1%	0.8%	45.9
378	1.5	75	5524160	199328	N/A	1	184714	0.0334	0.0343	37.8	45.5	45.8	-0.7%	-0.2%	45.9
387	1.5	75	5655687	203378	N/A	1	188764	0.0334	0.0342	37.8	45.5	45.7	-0.8%	-0.3%	45.9
62	1.5	75	906079	57128	N/A	1	42514	0.0469	0.0523	36.4	47.5	49.0	3.5%	6.9%	45.9
111	1.5	75	1622174	79178	N/A	1	64564	0.0398	0.0428	37.2	46.4	47.3	1.2%	3.0%	45.9
296	1.5	75	4325797	162428	N/A	1	147814	0.0342	0.0353	37.8	45.6	45.9	-0.5%	0.2%	45.9
376	1.5	75	5494931	198428	N/A	1	183814	0.0335	0.0343	37.8	45.5	45.8	-0.7%	-0.2%	45.9
293	1.5	75	4281954	161078	N/A	1	146464	0.0342	0.0354	37.8	45.7	46.0	-0.5%	0.2%	45.9
386	1.5	75	5641073	202928	N/A	1	188314	0.0334	0.0343	37.8	45.5	45.7	-0.8%	-0.3%	45.9
171	1.5	75	2499025	106178	N/A	1	91564	0.0366	0.0386	37.5	46.0	46.5	0.3%	1.4%	45.9
262	1.5	75	3828915	147128	N/A	1	132514	0.0346	0.0359	37.7	45.7	46.0	-0.4%	0.4%	45.9
212	1.5	75	3098206	124628	N/A	1	110014	0.0355	0.0371	37.6	45.8	46.3	-0.1%	0.8%	45.9
61	1.5	75	891465	56878	N/A	1	42064	0.0472	0.0527	36.4	47.5	49.1	3.5%	7.0%	45.9
54	1.5	75	7881666	53528	N/A	1	38914	0.0493	0.0555	36.2	47.8	49.7	4.2%	8.3%	45.9
171	1.5	75	2499025	106178	N/A	1	91564	0.0366	0.0386	37.5	46.0	46.5	0.3%	1.4%	45.9
331	1.5	75	4837293	178178	N/A	1	163564	0.0338	0.0348	37.8	45.6	45.9	-0.6%	0.0%	45.9
361	1.5	75	5275719	191678	N/A	1	177064	0.0336	0.0345	37.8	45.6	45.8	-0.7%	-0.2%	45.9
186	1.5	75	2718237	112928	N/A	1	98314	0.0362	0.0380	37.6	45.9	46.4	0.1%	1.2%	45.9
197	1.5	75	2878993	117878	N/A	1	103264	0.0359	0.0376	37.6	45.9	46.3	0.0%	1.0%	45.9
339	1.5	75	4954207	181778	N/A	1	167164	0.0337	0.0347	37.8	45.6	45.9	-0.6%	0.0%	45.9
41	1.5	75	599181	47678	N/A	1	33064	0.0552	0.0633	35.5	48.7	51.2	6.2%	11.7%	45.9
72	1.5	75	1052221	61628	N/A	1	47014	0.0447	0.0493	36.6	47.1	48.5	2.7%	5.6%	45.9
249	1.5	75	3638930	141278	N/A	1	126664	0.0348	0.0362	37.7	45.7	46.1	-0.3%	0.5%	45.9
344	1.5	75	5027277	184028	N/A	1	169414	0.0337	0.0347	37.8	45.6	45.8	-0.6%	-0.1%	45.9
55	1.5	75	803780	53978	N/A	1	39364	0.0490	0.0550	36.2	47.8	49.6	4.1%	8.1%	45.9
152	1.5	75	2221355	97628	N/A	1	83014	0.0374	0.0396	37.4	46.1	46.7	0.5%	1.8%	45.9
267	1.5	75	3901986	149378	N/A	1	134764	0.0345	0.0358	37.7	45.7	46.0	-0.4%	0.3%	45.9
118	1.5	75	1724473	82328	N/A	1	67714	0.0393	0.0421	37.2	46.4	47.1	1.1%	2.8%	45.9
83	1.5	75	1212977	66578	N/A	1	51964	0.0428	0.0469	36.8	46.9	48.0	2.2%	4.6%	45.9
50	1.5	75	730709	51728	N/A	1	37114	0.0508	0.0575	36.0	48.0	50.0	4.7%	9.1%	45.9
309	1.5	75	4515781	168278	N/A	1	153664	0.0340	0.0351	37.8	45.6	45.9	-0.5%	0.1%	45.9
238	1.5	75	3478175	136328	N/A	1	121714	0.0350	0.0364	37.7	45.8	46.1	-0.3%	0.6%	45.9
95	1.5	75	1388347	71978	N/A	1	57364	0.0413	0.0448	37.0	46.6	47.6	1.7%	3.8%	45.9
393	1.5	75	5743372	206078	N/A	1	191464	0.0333	0.0342	37.8	45.5	45.7	-0.9%	-0.4%	45.9
192	1.5	75	2805922	115628	N/A	1	101014	0.0360	0.0377	37.6	45.9	46.4	0.1%	1.1%	45.9
222	1.5	75	3244348	129128	N/A	1	114514	0.0353	0.0368	37.6	45.8	46.2	-0.2%	0.7%	45.9
163	1.5	75	2382111	102578	N/A	1	87964	0.0369	0.0390	37.5	46.0	46.6	0.3%	1.6%	45.9
186	1.5	75	2718237	112928	N/A	1	98314	0.0362	0.0380	37.6	45.9	46.4	0.1%	1.2%	45.9
378	1.5	75	5524160	199328	N/A	1	184714	0.0334	0.0343	37.8	45.5	45.8	-0.7%	-0.2%	45.9
222	1.5	75	3244348	129128	N/A	1	114514	0.0353	0.0368	37.6	45.8	46.2	-0.2%	0.7%	45.9
297	1.5	75	4340411	162878	N/A	1	148264	0.0342	0.0353	37.8	45.6	45.9	-0.5%	0.2%	45.9
219	1.5	75	3200505	127778	N/A	1	113164	0.0354	0.0369	37.6	45.8	46.2	-0.1%	0.7%	45.9
370	1.5	75	5407246	195728	N/A	1	181114	0.0335	0.0344	37.8	45.5	45.8	-0.7%	-0.2%	45.9
151	1.5	75	2206741	97178	N/A	1	82564	0.0374	0.0396	37.4	46.1	46.7	0.5%	1.8%	45.9
398	1.5	75	5816443	208328	N/A	1	193714	0.0333	0.0342	37.7	45.3	45.6	-1.1%	-0.7%	45.9
380	1.5	75	5553388	200228	N/A	1	185614	0.0334	0.0343	37.8	45.5	45.8	-0.7%	-0.2%	45.9
300	1.5	75	4384254	164228	N/A	1	149614	0.0341	0.0352	37.8	45.6	45.9	-0.5%	0.1%	45.9
215	1.5	75	3142048	125978	N/A	1	111364	0.0355	0.0370	37.6	45.8	46.2	-0.1%	0.8%	45.9
205	1.5	75	2995907	121478	N/A	1	106864	0.0357	0.0373	37.6	45.8	46.3	0.0%	0.9%	45.9
314	1.5	75	4588852	170528	N/A	1	155914	0.0340	0.0350	37.8	45.6	45.9	-0.6%	0.1%	45.9
51	1.5	75	745323	52178	N/A	1	37564	0.0504	0.0569	36.0	48.0	49.9	4.6%	8.9%	45.9

183	1.5	75	2674395	111578	N/A	1	96964	0.0363	0.0381	37.5	45.9	46.4	0.1%	1.2%	45.9
395	1.5	75	5772601	206978	N/A	1	192364	0.0333	0.0342	37.8	45.4	45.6	-1.0%	-0.5%	45.9
73	1.5	75	1066835	62078	N/A	1	47464	0.0445	0.0491	36.7	47.1	48.4	2.7%	5.5%	45.9
82	1.5	75	1198363	66128	N/A	1	51514	0.0430	0.0471	36.8	46.9	48.0	2.2%	4.7%	45.9
262	1.5	75	3828915	147128	N/A	1	132514	0.0346	0.0359	37.7	45.7	46.0	-0.4%	0.4%	45.9
54	1.5	75	789166	53528	N/A	1	38914	0.0493	0.0555	36.2	47.8	49.7	4.2%	8.3%	45.9
125	1.5	75	1826772	85478	N/A	1	70864	0.0388	0.0415	37.3	46.3	47.0	0.9%	2.5%	45.9
122	1.5	75	1782930	84128	N/A	1	69514	0.0390	0.0417	37.3	46.3	47.1	1.0%	2.6%	45.9
293	1.5	75	4281954	161078	N/A	1	146464	0.0342	0.0354	37.8	45.7	46.0	-0.5%	0.2%	45.9
365	1.5	75	5334175	193478	N/A	1	178864	0.0335	0.0345	37.8	45.6	45.8	-0.7%	-0.1%	45.9
360	1.5	75	5261104	191228	N/A	1	176614	0.0336	0.0345	37.8	45.6	45.8	-0.7%	-0.1%	45.9
135	1.5	75	1972914	89978	N/A	1	75364	0.0382	0.0407	37.3	46.2	46.9	0.7%	2.2%	45.9
112	1.5	75	1636788	79628	N/A	1	65014	0.0397	0.0427	37.2	46.4	47.2	1.2%	3.0%	45.9
296	1.5	75	4179655	157328	N/A	1	143314	0.0343	0.0355	37.8	45.7	46.0	-0.4%	0.2%	45.9
278	1.5	75	4062742	154328	N/A	1	139714	0.0344	0.0356	37.7	45.7	46.0	-0.4%	0.3%	45.9
386	1.5	75	5641073	202928	N/A	1	188514	0.0334	0.0343	37.8	45.5	45.7	-0.3%	0.0%	45.9
308	1.5	75	4501167	167828	N/A	1	153214	0.0340	0.0351	37.8	45.6	45.9	-0.5%	0.1%	45.9
342	1.5	75	4998049	183128	N/A	1	168514	0.0337	0.0347	37.8	45.6	45.8	-0.6%	-0.1%	45.9
364	2.0	75	5319561	193028	N/A	1	163800	0.0311	0.0335	38.1	45.2	45.8	-1.5%	-0.1%	45.9
303	2.0	75	4428096	165578	N/A	1	136350	0.0311	0.0341	38.1	45.2	46.0	-1.5%	0.2%	45.9
259	2.0	75	3785072	145778	N/A	1	116550	0.0312	0.0347	38.1	45.3	46.2	-1.3%	0.7%	45.9
72	2.0	75	1052221	61628	N/A	1	32400	0.0322	0.0447	38.1	45.6	49.0	-0.7%	6.9%	45.9
213	2.0	75	3112820	125078	N/A	1	95850	0.0313	0.0355	38.1	45.3	46.4	-1.3%	1.1%	45.9
343	2.0	75	5012663	183578	N/A	1	154350	0.0311	0.0337	38.1	45.2	45.9	-1.4%	0.1%	45.9
116	2.0	75	1695245	81428	N/A	1	52200	0.0317	0.0394	38.1	45.4	47.5	-1.0%	3.6%	45.9
374	2.0	75	5465703	197528	N/A	1	168300	0.0311	0.0335	37.9	45.0	45.7	-1.8%	-0.4%	45.9
130	2.0	75	1899843	87728	N/A	1	58500	0.0316	0.0385	37.9	45.2	47.0	-1.5%	2.5%	45.9
238	2.0	75	3478175	136328	N/A	1	107100	0.0312	0.0350	38.1	45.3	46.3	-1.2%	0.9%	45.9
56	2.0	75	818394	54428	N/A	1	25200	0.0326	0.0487	38.1	45.7	50.2	-0.5%	9.5%	45.9
41	2.0	75	599181	47678	N/A	1	18450	0.0332	0.0552	38.1	45.8	52.3	-0.1%	13.9%	45.9
164	2.0	75	2396725	103028	N/A	1	73800	0.0314	0.0369	38.1	45.3	46.8	-1.1%	2.1%	45.9
146	2.0	75	2133670	94928	N/A	1	65700	0.0315	0.0376	38.1	45.4	47.0	-1.1%	2.5%	45.9
147	2.0	75	2148284	95378	N/A	1	66150	0.0315	0.0376	38.1	45.4	47.0	-1.1%	2.5%	45.9
171	2.0	75	2499025	106178	N/A	1	76950	0.0314	0.0366	38.1	45.3	46.7	-1.2%	1.9%	45.9
286	2.0	75	4179655	157928	N/A	1	128700	0.0311	0.0343	38.1	45.3	46.1	-1.3%	0.5%	45.9
69	2.0	75	1008378	60278	N/A	1	31050	0.0322	0.0453	37.3	44.6	48.2	-2.7%	5.0%	45.9
313	2.0	75	4574238	170078	N/A	1	140850	0.0311	0.0340	38.1	45.3	46.0	-1.3%	0.4%	45.9
215	2.0	75	3142048	125978	N/A	1	96750	0.0313	0.0355	38.1	45.3	46.4	-1.2%	1.2%	45.9
263	2.0	75	3843529	147578	N/A	1	118350	0.0312	0.0346	38.1	45.3	46.2	-1.3%	0.7%	45.9
378	2.0	75	5524160	195328	N/A	1	170100	0.0311	0.0334	38.0	45.1	45.7	-1.7%	-0.4%	45.9
92	2.0	75	1344504	70628	N/A	1	41400	0.0319	0.0417	38.1	45.5	48.1	-0.9%	5.0%	45.9
126	2.0	75	1841387	85928	N/A	1	56700	0.0316	0.0387	38.1	45.4	47.3	-1.0%	3.2%	45.9
63	2.0	75	920693	57578	N/A	1	28350	0.0324	0.0467	38.1	45.6	49.6	-0.6%	8.2%	45.9
91	2.0	75	1329890	70178	N/A	1	40950	0.0319	0.0418	38.1	45.5	48.2	-0.9%	5.0%	45.9
351	2.0	75	5129577	187178	N/A	1	157950	0.0311	0.0336	38.1	45.2	45.9	-1.3%	0.1%	45.9
382	2.0	75	5582616	201128	N/A	1	171900	0.0311	0.0334	38.0	45.1	45.8	-1.6%	-0.2%	45.9
159	2.0	75	2323654	100778	N/A	1	71550	0.0314	0.0371	38.1	45.4	46.9	-1.1%	2.2%	45.9
256	2.0	75	3741230	144428	N/A	1	115200	0.0312	0.0347	38.1	45.3	46.2	-1.3%	0.8%	45.9
388	2.0	75	5670301	203828	N/A	1	174600	0.0311	0.0334	37.9	45.0	45.6	-1.9%	-0.5%	45.9
178	2.0	75	2601324	109328	N/A	1	80100	0.0314	0.0364	38.1	45.3	46.7	-1.2%	1.7%	45.9
391	2.0	75	5714144	205178	N/A	1	175950	0.0311	0.0334	37.9	45.0	45.6	-1.9%	-0.6%	45.9
52	2.0	75	759937	52628	N/A	1	23400	0.0327	0.0500	38.1	45.7	50.6	-0.4%	10.4%	45.9
361	2.0	75	5275719	191678	N/A	1	162450	0.0311	0.0336	38.0	45.1	45.7	-1.7%	-0.3%	45.9
225	2.0	75	3288190	130478	N/A	1	101250	0.0312	0.0352	38.1	45.3	46.4	-1.2%	1.1%	45.9
393	2.0	75	5743372	206078	N/A	1	176850	0.0311	0.0333	37.9	44.9	45.5	-2.0%	-0.7%	45.9
117	2.0	75	1709859	81878	N/A	1	52650	0.0317	0.0393	38.1	45.4	47.5	-1.0%	3.5%	45.9
380	2.0	75	5553388	200228	N/A	1	171000	0.0311	0.0334	38.0	45.1	45.7	-1.8%	-0.4%	45.9
207	2.0	75	3025135	122378	N/A	1	93150	0.0313	0.0356	38.1	45.3	46.5	-1.2%	1.3%	45.9
262	2.0	75	3828915	147128	N/A	1	117900	0.0312	0.0346	38.1	45.3	46.2	-1.3%	0.7%	45.9
66	2.0	75	964536	58928	N/A	1	29700	0.0323	0.0460	38.1	45.6	49.4	-0.6%	7.7%	45.9
353	2.0	75	5158805	188078	N/A	1	158850	0.0311	0.0336	38.1	45.2	45.9	-1.4%	0.1%	45.9
192	2.0	75	2805922	115628	N/A	1	86400	0.0313	0.0360	38.1	45.3	46.6	-1.2%	1.5%	45.9
69	2.0	75	1008378	60278	N/A	1	31050	0.0322	0.0453	38.1	45.6	49.2	-0.7%	7.3%	45.9
154	2.0	75	2250584	98528	N/A	1	69300	0.0314	0.0373	38.1	45.4	46.9	-1.1%	2.3%	45.9
53	2.0	75	774551	50828	N/A	1	23850	0.0327	0.0497	37.2	44.5	49.3	-2.9%	7.4%	45.9
48	2.0	75	701481	50828	N/A	1	21600	0.0329	0.0516	38.1	45.7	51.1	-0.3%	11.5%	45.9
335	2.0	75	4895750	179978	N/A	1	150750	0.0311	0.0338	38.1	45.2	45.9	-1.5%	0.0%	45.9
266	2.0	75	3887372	148928	N/A	1	119700	0.0312	0.0346	38.1	45.3	46.2	-1.3%	0.7%	45.9
388	2.0	75	5670301	203828	N/A	1	174600	0.0311	0.0334	38.0	45.1	45.7	-1.7%	-0.4%	45.9
217	2.0	75	3171277	126878	N/A	1	97650	0.0313	0.0354	38.1	45.3	46.4	-1.2%	1.2%	45.9
126	2.0	75	1841387	85928	N/A	1	56700	0.0316	0.0387	38.1	45.3	47.2	-1.2%	3.0%	45.9
350	2.0	75	5114963	186728	N/A	1	157500	0.0311	0.0337	38.1	45.2	45.9	-1.4%	0.1%	45.9
297	2.0	75	4340411	162878	N/A	1	133650	0.0311	0.0342	38.1	45.3	46.1	-1.3%	0.5%	45.9
235	2.0	75	3434332	134978	N/A	1	105750	0.0312	0.0351	37.7	44.8	45.9	-2.2%	0.0%	45.9
99	2.0	75	1446804	73778	N/A	1	44550	0.0318	0.0409	38.1	45.5	47.9	-0.9%	4.5%	45.9
368	2.0	75	5378018	194828	N/A	1	165600	0.0311	0.0335	38.1	45.2	45.9	-1.4%	0.0%	45.9
275	2.0	75	4018899	152978	N/A	1	123750	0.0312	0.0344	38.1	45.3	46.1	-1.3%	0.6%	45.9
288	2.0	75	4208883	158828	N/A	1	129600	0.0311	0.0343	38.1	45.3	46.1	-1.3%	0.5%	45.9
77	2.0	75	1125292	63878	N/A	1	34650	0.0321	0.0438	37.8	45.1	48.3	-1.7%	5.3%	45.9
396	2.0	75	5787215	207428	N/A	1	178200	0.0311	0.0333	37.8	44.9	45.5	-2.2%	-0.9%	45.9
163	2.0	75	2382111	102578	N/A	1	73350	0.0314	0.0369	38.0	45.2	46.6	-1.5%	1.7%	45.9
294	2.0	75	4296569	161528	N/A	1	132300	0.0311	0.0342	38.1	45.3	46.1	-1.3%	0.4%	45.9
55	2.0	75	803780	53978	N/A	1	24750	0.0326	0.0490	38.1	45.7	50.3	-0.4%	9.7%	45.9
188	2.0	75	2747466	113828	N/A	1	84600	0.0313	0.0361	38.1	45.3	46.6	-1.2%	1.6%	45.9
84	2.0	75	1227591	67028	N/A	1	37800	0.0320	0.0427	38.1					

61	2.0	75	891465	56678	N/A	1	27450	0.0324	0.0472	38.1	45.6	49.8	-0.5%	8.5%	45.9
335	2.0	75	4895750	179978	N/A	1	150750	0.0311	0.0338	38.1	45.2	45.9	-1.5%	0.1%	45.9
225	2.0	75	3288190	130478	N/A	1	101250	0.0312	0.0352	38.1	45.3	46.4	-1.2%	1.1%	45.9
206	2.0	75	3010521	121928	N/A	1	92700	0.0313	0.0357	37.7	44.8	46.0	-2.2%	0.3%	45.9
364	2.0	75	5319561	193028	N/A	1	163800	0.0311	0.0335	37.9	45.0	45.6	-2.0%	-0.6%	45.9
212	2.0	75	3098206	124628	N/A	1	95400	0.0313	0.0355	38.1	45.2	46.4	-1.4%	1.1%	45.9
236	2.0	75	3448946	135428	N/A	1	106200	0.0312	0.0360	38.1	45.3	46.3	-1.2%	1.0%	45.9
252	2.0	75	3682773	142628	N/A	1	113400	0.0312	0.0348	38.1	45.2	46.2	-1.4%	0.6%	45.9
207	2.0	75	3025135	122378	N/A	1	93150	0.0313	0.0356	38.1	45.3	46.5	-1.2%	1.3%	45.9
45	2.0	75	657638	49478	N/A	1	20250	0.0330	0.0530	38.1	45.8	51.6	-0.2%	12.4%	45.9
397	2.0	75	5801829	207878	N/A	1	178650	0.0311	0.0333	37.8	44.8	45.4	-2.2%	-1.0%	45.9
159	2.0	75	2323654	100778	N/A	1	71550	0.0314	0.0371	38.1	45.4	46.9	-1.1%	2.2%	45.9
382	2.0	75	5582616	201128	N/A	1	171900	0.0311	0.0334	38.0	45.1	45.7	-1.7%	-0.4%	45.9
77	2.0	75	1125292	63678	N/A	1	34650	0.0321	0.0438	38.1	45.5	48.8	-0.7%	6.3%	45.9
161	2.0	75	2352883	101678	N/A	1	72450	0.0314	0.0370	38.1	45.3	46.8	-1.1%	2.1%	45.9
245	2.0	75	3580474	139478	N/A	1	110250	0.0312	0.0349	38.1	45.3	46.3	-1.3%	0.9%	45.9
274	2.0	75	4004285	152528	N/A	1	123300	0.0312	0.0344	38.1	45.3	46.2	-1.3%	0.6%	45.9
251	2.0	75	3668159	142178	N/A	1	112950	0.0312	0.0348	38.1	45.3	46.2	-1.3%	0.8%	45.9
111	2.0	75	1622174	79178	N/A	1	49950	0.0317	0.0398	38.1	45.4	47.6	-1.0%	3.8%	45.9
94	2.0	75	1373733	71528	N/A	1	42300	0.0319	0.0414	38.1	45.5	48.1	-0.9%	4.8%	45.9
351	2.0	75	5129577	187178	N/A	1	157950	0.0311	0.0336	38.1	45.2	45.9	-1.3%	0.1%	45.9
366	2.0	75	5348789	193928	N/A	1	164700	0.0311	0.0335	38.1	45.2	45.9	-1.4%	0.0%	45.9
365	2.0	75	5334175	193478	N/A	1	164250	0.0311	0.0335	38.1	45.2	45.9	-1.4%	0.0%	45.9
214	2.0	75	3127434	125528	N/A	1	96300	0.0313	0.0355	38.1	45.3	46.4	-1.2%	1.2%	45.9
174	2.0	75	2542867	107528	N/A	1	78300	0.0314	0.0365	38.1	45.3	46.7	-1.2%	1.9%	45.9
241	2.0	75	3522017	137678	N/A	1	108450	0.0312	0.0349	38.1	45.3	46.3	-1.3%	0.9%	45.9
286	2.0	75	4179655	157928	N/A	1	128700	0.0311	0.0343	38.1	45.3	46.1	-1.3%	0.5%	45.9
157	2.0	75	2294426	99878	N/A	1	70650	0.0314	0.0372	38.1	45.4	46.9	-1.1%	2.2%	45.9
66	2.0	75	964536	58928	N/A	1	29700	0.0323	0.0460	38.1	45.6	49.4	-0.6%	7.7%	45.9
248	2.0	75	3624316	140828	N/A	1	111600	0.0312	0.0348	38.1	45.3	46.3	-1.3%	0.8%	45.9
355	2.0	75	5188033	188978	N/A	1	159750	0.0311	0.0336	38.0	45.2	45.8	-1.6%	-0.1%	45.9
115	1.5	75	1680631	80978	N/A	2	66364	0.0395	0.0424	38.2	47.6	48.4	-0.7%	1.0%	47.9
93	1.5	75	1359119	71078	N/A	2	56464	0.0416	0.0451	37.6	47.4	48.4	-1.1%	1.0%	47.9
317	1.5	75	4632695	171878	N/A	2	157264	0.0340	0.0350	39.8	48.1	48.4	0.3%	0.9%	47.9
250	1.5	75	3653545	141728	N/A	2	127114	0.0348	0.0361	39.6	48.0	48.4	0.2%	1.0%	47.9
48	1.5	75	701481	50828	N/A	2	36214	0.0516	0.0586	34.8	46.7	48.7	-2.6%	1.6%	47.9
324	1.5	75	4734994	175028	N/A	2	160414	0.0339	0.0349	39.9	48.1	48.4	0.3%	0.9%	47.9
313	1.5	75	4574238	170078	N/A	2	155464	0.0340	0.0351	39.8	48.1	48.4	0.3%	0.9%	47.9
314	1.5	75	4589852	170528	N/A	2	155914	0.0340	0.0350	39.8	48.1	48.4	0.3%	1.0%	47.9
166	1.5	75	2425954	103928	N/A	2	89314	0.0368	0.0388	39.0	47.8	48.4	-0.2%	1.0%	47.9
325	1.5	75	4749698	175478	N/A	2	160864	0.0339	0.0349	39.9	48.1	48.4	0.3%	0.9%	47.9
48	1.5	75	701481	50828	N/A	2	36214	0.0516	0.0586	34.8	46.7	48.7	-2.6%	1.6%	47.9
285	1.5	75	4165041	157478	N/A	2	142864	0.0343	0.0355	39.7	48.1	48.4	0.3%	1.0%	47.9
79	1.5	75	1154520	64778	N/A	2	50164	0.0435	0.0477	37.0	47.2	48.4	-1.5%	1.1%	47.9
321	1.5	75	4691151	173678	N/A	2	159064	0.0339	0.0350	39.8	48.1	48.4	0.3%	0.9%	47.9
99	1.5	75	1446804	73778	N/A	2	59164	0.0409	0.0443	37.7	47.5	48.4	-1.0%	1.0%	47.9
302	1.5	75	4413482	165128	N/A	2	150514	0.0341	0.0352	39.8	48.1	48.4	0.3%	1.0%	47.9
309	1.5	75	4515781	168278	N/A	2	153664	0.0340	0.0351	39.8	48.1	48.4	0.3%	0.9%	47.9
376	1.5	75	5494931	198428	N/A	2	183814	0.0335	0.0343	39.9	48.0	48.2	0.1%	0.6%	47.9
243	1.5	75	3551245	138578	N/A	2	123964	0.0349	0.0363	39.6	48.0	48.4	0.2%	1.0%	47.9
225	1.5	75	3288190	130478	N/A	2	115864	0.0352	0.0367	39.5	48.0	48.4	0.1%	1.0%	47.9
59	1.5	75	862237	55778	N/A	2	41164	0.0477	0.0534	35.8	46.9	48.5	-2.1%	1.3%	47.9
180	1.5	75	2630552	110228	N/A	2	95614	0.0364	0.0382	39.1	47.9	48.4	-0.1%	1.0%	47.9
213	1.5	75	3112820	125078	N/A	2	110464	0.0355	0.0371	39.4	48.0	48.4	0.1%	1.0%	47.9
159	1.5	75	2323654	100778	N/A	2	86164	0.0371	0.0392	38.9	47.8	48.4	-0.2%	1.0%	47.9
92	1.5	75	1344504	70628	N/A	2	56014	0.0417	0.0453	37.5	47.4	48.4	-1.1%	1.0%	47.9
254	1.5	75	3712001	143528	N/A	2	128914	0.0347	0.0360	39.6	48.0	48.4	0.2%	1.0%	47.9
51	1.5	75	745323	52178	N/A	2	37564	0.0504	0.0569	35.1	46.7	48.7	-2.5%	1.5%	47.9
299	1.5	75	4369639	163778	N/A	2	149164	0.0341	0.0353	39.8	48.1	48.4	0.3%	1.0%	47.9
52	1.5	75	759937	52628	N/A	2	38014	0.0500	0.0564	35.2	46.8	48.6	-2.4%	1.5%	47.9
161	1.5	75	2352883	101678	N/A	2	87064	0.0370	0.0391	38.9	47.8	48.4	-0.2%	1.0%	47.9
238	1.5	75	3478175	136328	N/A	2	121714	0.0350	0.0364	39.5	48.0	48.4	0.2%	1.0%	47.9
252	1.5	75	3682773	142628	N/A	2	128014	0.0348	0.0361	39.6	48.0	48.4	0.2%	1.0%	47.9
128	1.5	75	1870615	86828	N/A	2	72214	0.0386	0.0412	38.4	47.7	48.4	-0.5%	1.0%	47.9
137	1.5	75	2072142	90878	N/A	2	70264	0.0381	0.0405	38.6	47.7	48.4	-0.5%	1.0%	47.9
249	1.5	75	3638930	141278	N/A	2	126664	0.0348	0.0362	39.6	48.0	48.4	0.2%	1.0%	47.9
286	1.5	75	4179655	157928	N/A	2	143314	0.0343	0.0355	39.7	48.1	48.4	0.3%	1.0%	47.9
128	1.5	75	1870615	86828	N/A	2	72214	0.0386	0.0412	38.4	47.7	48.4	-0.5%	1.0%	47.9
53	1.5	75	774551	53078	N/A	2	38464	0.0497	0.0560	35.3	46.8	48.6	-2.4%	1.4%	47.9
303	1.5	75	4428096	165578	N/A	2	150964	0.0341	0.0352	39.8	48.1	48.4	0.3%	1.0%	47.9
99	1.5	75	1446804	73778	N/A	2	59164	0.0409	0.0443	37.7	47.5	48.4	-1.0%	1.0%	47.9
301	1.5	75	4398868	164678	N/A	2	150064	0.0341	0.0352	39.8	48.1	48.4	0.3%	1.0%	47.9
158	1.5	75	2309040	100328	N/A	2	85714	0.0371	0.0392	38.9	47.8	48.4	-0.2%	1.0%	47.9
267	1.5	75	3901986	149378	N/A	2	134764	0.0345	0.0358	39.7	48.0	48.4	0.2%	1.0%	47.9
369	1.5	75	5392632	195278	N/A	2	180664	0.0335	0.0344	39.9	48.0	48.3	0.2%	0.7%	47.9
385	1.5	75	5626459	202478	N/A	2	187864	0.0334	0.0343	39.8	47.9	48.1	-0.1%	0.4%	47.9
276	1.5	75	4033513	153428	N/A	2	138814	0.0344	0.0356	39.7	48.1	48.4	0.3%	1.0%	47.9
163	1.5	75	2382111	102578	N/A	2	87964	0.0369	0.0390	38.9	47.8	48.4	-0.2%	1.0%	47.9
56	1.5	75	818394	54428	N/A	2	39814	0.0487	0.0546	35.6	46.8	48.6	-2.3%	1.4%	47.9
191	1.5	75	2791308	115178	N/A	2	100564	0.0360	0.0378	39.2	47.9	48.4	0.0%	1.0%	47.9
127	1.5	75	1856001	86378	N/A	2	71764	0.0387	0.0413	38.4	47.7	48.4	-0.6%	1.0%	47.9
172	1.5	75	2513639	106628	N/A	2	92014	0.0366	0.0386	39.0	47.9	48.4	-0.2%	1.0%	47.9
108	1.5	75	1578331	77828	N/A	2	63214	0.0401	0.0431	38.0	47.5	48.4	-0.8%	1.0%	47.9
137	1.5	75	2002142	90878	N/A	2	76264	0.0381	0.0405	38.6	47.7	48.4	-0.5%	1.0%	47.9
349	1.5	75	5100348	186278	N/A	2	171664	0.0337	0.0346	3					

262	1.5	75	3828915	147128	N/A	2	132514	0.0346	0.0359	39.6	48.0	48.4	0.2%	1.0%	47.9
274	1.5	75	4004285	152528	N/A	2	137914	0.0344	0.0357	39.7	48.1	48.4	0.3%	1.0%	47.9
360	1.5	75	5261104	191228	N/A	2	176614	0.0336	0.0345	39.9	48.1	48.3	0.2%	0.8%	47.9
220	1.5	75	3215119	128228	N/A	2	113614	0.0353	0.0369	39.4	48.0	48.4	0.1%	1.0%	47.9
370	1.5	75	5407246	195728	N/A	2	181114	0.0335	0.0344	39.9	48.0	48.3	0.2%	0.7%	47.9
51	1.5	75	745323	52178	N/A	2	37564	0.0504	0.0569	35.1	46.7	48.7	-2.5%	1.5%	47.9
241	1.5	75	3522017	137678	N/A	2	123064	0.0349	0.0363	39.5	48.0	48.4	0.2%	1.0%	47.9
178	1.5	75	2601324	109328	N/A	2	94714	0.0364	0.0383	39.1	47.9	48.4	-0.1%	1.0%	47.9
180	1.5	75	2630552	110228	N/A	2	95614	0.0364	0.0382	39.1	47.9	48.4	-0.1%	1.0%	47.9
363	1.5	75	5304947	192578	N/A	2	177964	0.0336	0.0345	39.9	48.0	48.3	0.2%	0.8%	47.9
120	1.5	75	1753701	83228	N/A	2	68614	0.0391	0.0419	38.3	47.6	48.4	-0.6%	1.0%	47.9
316	1.5	75	4618080	171428	N/A	2	156814	0.0340	0.0350	39.8	48.1	48.4	0.3%	0.9%	47.9
290	1.5	75	4238112	159728	N/A	2	145114	0.0342	0.0354	39.8	48.1	48.4	0.3%	1.0%	47.9
64	1.5	75	935307	58028	N/A	2	43414	0.0464	0.0516	36.2	47.0	48.5	-1.9%	1.2%	47.9
184	1.5	75	2689009	112028	N/A	2	97414	0.0362	0.0390	39.2	47.9	48.4	-0.1%	1.0%	47.9
242	1.5	75	3536631	138128	N/A	2	123514	0.0349	0.0363	39.6	48.0	48.4	0.2%	1.0%	47.9
69	1.5	75	1008378	60278	N/A	2	45664	0.0453	0.0501	36.5	47.1	48.5	-1.8%	1.1%	47.9
143	1.5	75	2089828	93578	N/A	2	78964	0.0378	0.0401	38.7	47.8	48.4	-0.4%	1.0%	47.9
167	1.5	75	2440568	104378	N/A	2	89764	0.0368	0.0388	39.0	47.8	48.4	-0.2%	1.0%	47.9
162	1.5	75	2367497	102128	N/A	2	87514	0.0370	0.0390	38.9	47.8	48.4	-0.2%	1.0%	47.9
387	1.5	75	5655687	203378	N/A	2	188764	0.0334	0.0342	39.8	47.8	48.1	-0.2%	0.3%	47.9
58	1.5	75	847622	55328	N/A	2	40714	0.0480	0.0538	35.7	46.9	48.6	-2.2%	1.3%	47.9
210	1.5	75	3068978	123728	N/A	2	109114	0.0356	0.0371	39.4	48.0	48.4	0.1%	1.0%	47.9
201	1.5	75	2937450	119678	N/A	2	105064	0.0358	0.0374	39.3	47.9	48.4	0.0%	1.0%	47.9
329	1.5	75	4808065	177278	N/A	2	162664	0.0338	0.0349	39.9	48.1	48.4	0.3%	0.9%	47.9
326	1.5	75	4764222	175928	N/A	2	161314	0.0339	0.0349	39.9	48.1	48.4	0.3%	0.9%	47.9
99	1.5	75	1446804	73778	N/A	2	59164	0.0409	0.0443	37.7	47.5	48.4	-1.0%	1.0%	47.9
258	1.5	75	3770458	145328	N/A	2	130714	0.0347	0.0360	39.6	48.0	48.4	0.2%	1.0%	47.9
140	1.5	75	2045985	92228	N/A	2	77614	0.0379	0.0403	38.6	47.7	48.4	-0.4%	1.0%	47.9
44	1.5	75	643024	49028	N/A	2	34414	0.0535	0.0611	34.3	46.6	48.8	-2.8%	1.9%	47.9
41	1.5	75	599181	47678	N/A	2	33064	0.0552	0.0633	33.9	46.5	48.9	-3.0%	2.1%	47.9
246	1.5	75	3595088	139928	N/A	2	125314	0.0349	0.0362	39.6	48.0	48.4	0.2%	1.0%	47.9
161	1.5	75	2352883	101678	N/A	2	87064	0.0370	0.0391	38.9	47.8	48.4	-0.2%	1.0%	47.9
398	1.5	75	5816443	208328	N/A	2	193714	0.0333	0.0342	39.4	47.4	47.7	-1.1%	-0.6%	47.9
89	1.5	75	1300662	69278	N/A	2	54664	0.0420	0.0458	37.4	47.4	48.4	-1.2%	1.0%	47.9
362	1.5	75	5290333	192128	N/A	2	177514	0.0336	0.0345	39.9	48.0	48.3	0.2%	0.8%	47.9
257	1.5	75	3755844	144878	N/A	2	130264	0.0347	0.0360	39.6	48.0	48.4	0.2%	1.0%	47.9
375	1.5	75	5480317	197978	N/A	2	183364	0.0335	0.0344	39.9	48.0	48.2	0.1%	0.6%	47.9
108	1.5	75	1578331	77628	N/A	2	63214	0.0401	0.0431	38.0	47.5	48.4	-0.8%	1.0%	47.9
349	1.5	75	5100348	186278	N/A	2	171664	0.0337	0.0346	39.8	48.1	48.3	0.3%	0.9%	47.9
50	1.5	75	730709	51728	N/A	2	37114	0.0508	0.0575	35.0	46.7	48.7	-2.5%	1.5%	47.9
373	1.5	75	5451089	197078	N/A	2	182464	0.0335	0.0344	39.9	48.0	48.2	0.1%	0.7%	47.9
188	1.5	75	2747466	113828	N/A	2	98214	0.0361	0.0379	39.2	47.9	48.4	0.0%	1.0%	47.9
79	1.5	75	1154520	64778	N/A	2	50164	0.0435	0.0477	37.0	47.2	48.4	-1.5%	1.1%	47.9
108	2.0	75	1578331	77828	N/A	2	48600	0.0317	0.0401	40.8	48.8	51.0	1.9%	6.4%	47.9
107	2.0	75	1563717	77378	N/A	2	48150	0.0317	0.0401	40.8	48.9	51.1	2.0%	6.5%	47.9
255	2.0	75	3726616	143978	N/A	2	114750	0.0312	0.0347	40.5	48.2	49.1	0.7%	2.5%	47.9
354	2.0	75	5173419	188528	N/A	2	159300	0.0311	0.0336	40.2	47.8	48.4	-0.4%	1.0%	47.9
343	2.0	75	5012663	183578	N/A	2	154350	0.0311	0.0337	40.4	48.1	48.8	0.3%	1.7%	47.9
292	2.0	75	4267340	160628	N/A	2	131400	0.0311	0.0342	40.7	48.5	49.2	1.1%	2.7%	47.9
150	2.0	75	2192127	96728	N/A	2	67500	0.0315	0.0375	40.8	48.7	50.3	1.7%	4.9%	47.9
366	2.0	75	5348789	193928	N/A	2	164700	0.0311	0.0335	40.1	47.7	48.3	-0.4%	0.9%	47.9
129	2.0	75	1885229	87278	N/A	2	58050	0.0316	0.0386	40.5	48.5	50.2	1.1%	4.8%	47.9
246	2.0	75	3595088	139928	N/A	2	110700	0.0312	0.0349	40.8	48.6	49.5	1.3%	3.2%	47.9
272	2.0	75	3975057	151628	N/A	2	122400	0.0312	0.0345	40.1	47.7	48.5	-0.4%	1.3%	47.9
295	2.0	75	4311183	161978	N/A	2	132750	0.0311	0.0342	40.7	48.4	49.2	1.0%	2.6%	47.9
129	2.0	75	1885229	87278	N/A	2	58050	0.0316	0.0386	40.8	48.8	50.6	1.8%	5.6%	47.9
271	2.0	75	3960442	151178	N/A	2	121950	0.0312	0.0345	40.7	48.5	49.3	1.2%	2.9%	47.9
182	2.0	75	2659781	111128	N/A	2	81900	0.0313	0.0363	40.5	48.3	49.6	0.8%	3.4%	47.9
124	2.0	75	1812158	85028	N/A	2	55800	0.0316	0.0389	40.8	48.8	50.7	1.8%	5.8%	47.9
390	2.0	75	5699530	204728	N/A	2	175500	0.0311	0.0334	39.9	47.4	47.9	-1.2%	0.0%	47.9
97	2.0	75	1417575	72878	N/A	2	43650	0.0318	0.0411	39.0	46.8	49.1	-2.3%	2.5%	47.9
61	2.0	75	891465	56678	N/A	2	27450	0.0324	0.0472	40.6	49.1	53.0	2.4%	10.7%	47.9
84	2.0	75	1227591	67028	N/A	2	37800	0.0320	0.0427	40.8	49.0	51.9	2.3%	8.2%	47.9
221	2.0	75	3229793	128678	N/A	2	89450	0.0313	0.0353	40.3	48.1	49.1	0.3%	2.4%	47.9
382	2.0	75	5582616	201128	N/A	2	171900	0.0311	0.0334	39.9	47.5	48.1	-0.9%	0.3%	47.9
127	2.0	75	1856001	86378	N/A	2	57150	0.0316	0.0387	40.7	48.7	50.5	1.6%	5.5%	47.9
251	2.0	75	3668159	142178	N/A	2	112950	0.0312	0.0348	40.5	48.3	49.2	0.7%	2.5%	47.9
291	2.0	75	4252726	160178	N/A	2	130950	0.0311	0.0342	40.7	48.5	49.2	1.1%	2.7%	47.9
121	2.0	75	1768316	83678	N/A	2	54450	0.0316	0.0391	40.7	48.7	50.6	1.6%	5.6%	47.9
311	2.0	75	4545010	169178	N/A	2	139950	0.0311	0.0340	40.3	47.9	48.6	0.0%	1.5%	47.9
396	2.0	75	5787215	207428	N/A	2	178200	0.0311	0.0333	39.6	47.0	47.6	-1.9%	-0.8%	47.9
223	2.0	75	3258962	129578	N/A	2	100350	0.0312	0.0353	40.8	48.6	49.6	1.4%	3.5%	47.9
61	2.0	75	891465	56678	N/A	2	27450	0.0324	0.0472	40.8	49.3	53.3	2.9%	11.2%	47.9
209	2.0	75	3054363	123278	N/A	2	94050	0.0313	0.0356	40.7	48.6	49.7	1.3%	3.6%	47.9
311	2.0	75	4545010	169178	N/A	2	139950	0.0311	0.0340	40.7	48.4	49.1	0.9%	2.4%	47.9
87	2.0	75	1271434	68378	N/A	2	39150	0.0319	0.0423	40.8	49.0	51.7	2.2%	7.9%	47.9
255	2.0	75	3726616	143978	N/A	2	114750	0.0312	0.0347	40.7	48.5	49.3	1.1%	2.9%	47.9
136	2.0	75	1987528	90428	N/A	2	61200	0.0315	0.0382	40.7	48.7	50.4	1.6%	5.2%	47.9
391	2.0	75	5714144	205178	N/A	2	175950	0.0311	0.0334	39.8	47.3	47.9	-1.3%	-0.1%	47.9
339	2.0	75	4954207	181778	N/A	2	152550	0.0311	0.0337	40.4	48.1	48.7	0.3%	1.6%	47.9
82	2.0	75	1198363	66128	N/A	2	36900	0.0320	0.0430	40.8	49.0	51.9	2.3%	8.4%	47.9
317	2.0	75	4632695	171878	N/A	2	142650	0.0311	0.0340	40.6	48.3	49.0	0.7%	2.2%	47.9
325	2.0	75	4749608	175478	N/A	2	146250	0.0311	0.0339	40.3	48.0	48.7	0.1%	1.5%	47.9
106	2.0	75	1549103	76928	N/A	2	47700	0.0317	0.0402	40.					

326	2.0	75	4764222	175928	N/A	2	146700	0.0311	0.0339	40.5	48.1	48.8	0.4%	1.8%	47.9
297	2.0	75	4340411	162878	N/A	2	133650	0.0311	0.0342	40.7	48.4	49.2	1.0%	2.6%	47.9
273	2.0	75	3989671	152078	N/A	2	122850	0.0312	0.0345	40.7	48.5	49.3	1.1%	2.8%	47.9
351	2.0	75	5129577	187178	N/A	2	157950	0.0311	0.0336	40.4	48.1	48.7	0.3%	1.7%	47.9
215	2.0	75	3142048	125978	N/A	2	96750	0.0313	0.0355	40.2	48.0	49.0	0.1%	2.2%	47.9
185	2.0	75	2703623	112478	N/A	2	83250	0.0313	0.0362	40.6	48.4	49.7	1.0%	3.6%	47.9
54	2.0	75	789166	53528	N/A	2	24300	0.0327	0.0493	39.3	47.6	52.0	-0.6%	8.5%	47.9
84	2.0	75	1227591	67028	N/A	2	37800	0.0320	0.0427	40.8	49.0	51.8	2.2%	8.1%	47.9
376	2.0	75	5494931	198428	N/A	2	169200	0.0311	0.0335	40.2	47.8	48.4	-0.2%	1.0%	47.9
183	2.0	75	2674395	111578	N/A	2	82350	0.0313	0.0363	40.7	48.6	49.8	1.4%	4.0%	47.9
141	2.0	75	2060599	92678	N/A	2	63450	0.0315	0.0379	40.8	48.8	50.4	1.7%	5.1%	47.9
120	2.0	75	1753701	83228	N/A	2	54000	0.0316	0.0391	39.9	47.7	49.6	-0.5%	3.5%	47.9
154	2.0	75	2250584	98528	N/A	2	69300	0.0314	0.0373	40.5	48.4	49.9	1.0%	4.1%	47.9
367	2.0	75	5363404	194378	N/A	2	165150	0.0311	0.0335	40.2	47.9	48.5	-0.2%	1.1%	47.9
56	2.0	75	818394	54428	N/A	2	25200	0.0326	0.0487	39.7	48.0	52.3	0.2%	9.1%	47.9
103	2.0	75	1505260	75578	N/A	2	48350	0.0318	0.0405	39.9	47.8	50.1	-0.2%	4.5%	47.9
69	2.0	75	1008378	60278	N/A	2	31050	0.0322	0.0453	40.8	49.1	52.6	2.5%	9.7%	47.9
231	2.0	75	3375875	133178	N/A	2	103950	0.0312	0.0351	40.8	48.6	49.5	1.3%	3.4%	47.9
88	2.0	75	1286048	68828	N/A	2	39600	0.0319	0.0422	38.2	45.8	48.4	-4.4%	0.9%	47.9
393	2.0	75	5743372	206078	N/A	2	176850	0.0311	0.0333	39.7	47.2	47.7	-1.6%	-0.4%	47.9
223	2.0	75	3258962	129578	N/A	2	100350	0.0312	0.0353	40.3	48.0	49.0	0.1%	2.2%	47.9
248	2.0	75	3624316	140828	N/A	2	111600	0.0312	0.0348	40.3	48.0	48.9	0.2%	2.1%	47.9
251	2.0	75	3668159	142178	N/A	2	112950	0.0312	0.0348	40.8	48.5	49.4	1.2%	3.1%	47.9
164	2.0	75	2396725	103028	N/A	2	73800	0.0314	0.0369	40.8	48.7	50.1	1.6%	4.5%	47.9
250	2.0	75	3653545	141728	N/A	2	112500	0.0312	0.0348	40.7	48.4	49.3	1.0%	2.9%	47.9
273	2.0	75	3989671	152078	N/A	2	122850	0.0312	0.0345	40.6	48.3	49.2	0.9%	2.6%	47.9
326	2.0	75	4764222	175928	N/A	2	146700	0.0311	0.0339	40.6	48.3	49.0	0.9%	2.3%	47.9
293	2.0	75	4281954	161078	N/A	2	131850	0.0311	0.0342	40.3	48.0	48.8	0.2%	1.8%	47.9
365	2.0	75	5334175	193478	N/A	2	164250	0.0311	0.0335	40.3	48.0	48.6	0.1%	1.4%	47.9
392	2.0	75	5728758	205628	N/A	2	176400	0.0311	0.0334	39.8	47.3	47.8	-1.4%	-0.2%	47.9
289	2.0	75	4223498	159278	N/A	2	130050	0.0311	0.0343	40.3	47.9	48.7	0.0%	1.6%	47.9
82	2.0	75	1198363	66128	N/A	2	36900	0.0320	0.0430	40.4	48.6	51.4	1.4%	7.3%	47.9
195	2.0	75	2849765	116978	N/A	2	87750	0.0313	0.0359	40.8	48.6	49.8	1.5%	3.9%	47.9
52	2.0	75	759937	52628	N/A	2	23400	0.0327	0.0500	40.8	49.4	54.1	3.1%	13.0%	47.9
255	2.0	75	3726616	143978	N/A	2	114750	0.0312	0.0347	40.6	48.3	49.2	0.8%	2.6%	47.9
284	2.0	75	4150427	157028	N/A	2	127800	0.0312	0.0343	40.7	48.4	49.2	1.0%	2.6%	47.9
274	2.0	75	4004285	152528	N/A	2	123300	0.0312	0.0344	40.3	47.9	48.7	0.0%	1.7%	47.9
381	2.0	75	5568002	200678	N/A	2	171450	0.0311	0.0334	40.1	47.7	48.3	-0.5%	0.8%	47.9
363	2.0	75	5304947	192578	N/A	2	163350	0.0311	0.0336	39.9	47.4	48.1	-1.0%	0.3%	47.9
344	2.0	75	5027277	184028	N/A	2	154800	0.0311	0.0337	40.3	47.9	48.5	-0.1%	1.3%	47.9
164	2.0	75	2396725	103028	N/A	2	73800	0.0314	0.0369	40.8	48.7	50.1	1.6%	4.5%	47.9
348	2.0	75	5085734	185828	N/A	2	156600	0.0311	0.0337	40.5	48.2	48.8	0.5%	1.8%	47.9
163	2.0	75	2382111	102578	N/A	2	73350	0.0314	0.0369	40.6	48.5	49.9	1.1%	4.1%	47.9
241	2.0	75	3522017	137678	N/A	2	108450	0.0312	0.0349	40.7	48.4	49.4	1.1%	3.0%	47.9
102	2.0	75	1490646	75128	N/A	2	45900	0.0318	0.0406	40.4	48.4	50.7	1.1%	5.8%	47.9
175	2.0	75	2557481	107978	N/A	2	78750	0.0314	0.0365	40.6	48.5	49.8	1.1%	3.8%	47.9
295	2.0	75	4311183	161978	N/A	2	132750	0.0311	0.0342	40.5	48.2	49.0	0.6%	2.1%	47.9
212	2.0	75	3098206	124628	N/A	2	95400	0.0313	0.0355	40.7	48.5	49.6	1.3%	3.5%	47.9
319	2.0	75	4661923	172778	N/A	2	143550	0.0311	0.0339	40.5	48.2	48.9	0.5%	2.0%	47.9
114	2.0	75	1666016	80528	N/A	2	51300	0.0317	0.0396	39.6	47.4	49.3	-1.2%	2.9%	47.9
153	2.0	75	2235969	98078	N/A	2	68850	0.0315	0.0373	39.6	47.3	48.8	-1.2%	1.8%	47.9
170	2.0	75	2484410	105728	N/A	2	76500	0.0314	0.0367	40.7	48.5	49.9	1.3%	4.1%	47.9
256	2.0	75	3741230	144428	N/A	2	115200	0.0312	0.0347	40.7	48.5	49.4	1.2%	3.1%	47.9
236	2.0	75	3448946	135428	N/A	2	106200	0.0312	0.0350	40.6	48.4	49.4	1.0%	3.0%	47.9
389	2.0	75	5684916	204278	N/A	2	175050	0.0311	0.0334	39.8	47.3	47.9	-1.3%	-0.1%	47.9
159	2.0	75	2323654	100778	N/A	2	71550	0.0314	0.0371	40.1	47.9	49.4	0.0%	3.0%	47.9
248	2.0	75	3624316	140828	N/A	2	111600	0.0312	0.0348	40.3	48.0	48.9	0.1%	2.0%	47.9
217	1.5	75	3171277	126878	N/A	3	112264	0.0354	0.0369	38.6	47.0	47.5	0.5%	1.4%	46.8
147	1.5	75	2148284	95378	N/A	3	80764	0.0376	0.0399	37.1	45.8	46.4	-2.3%	-0.9%	46.8
369	1.5	75	5392632	195278	N/A	3	180664	0.0335	0.0344	39.5	47.5	47.8	1.5%	2.0%	46.8
330	1.5	75	4822679	177728	N/A	3	163114	0.0338	0.0348	39.6	47.8	48.1	2.2%	2.8%	46.8
390	1.5	75	5699530	204728	N/A	3	190114	0.0334	0.0342	38.9	46.8	47.1	0.0%	0.5%	46.8
252	1.5	75	3682773	142628	N/A	3	128014	0.0348	0.0361	39.1	47.4	47.8	1.3%	2.1%	46.8
224	1.5	75	3273576	130028	N/A	3	115414	0.0353	0.0368	38.7	47.1	47.5	0.7%	1.6%	46.8
323	1.5	75	4720380	174578	N/A	3	159964	0.0339	0.0349	39.6	47.8	48.1	2.1%	2.8%	46.8
329	1.5	75	4808065	177278	N/A	3	162664	0.0338	0.0349	39.6	47.8	48.1	2.2%	2.8%	46.8
155	1.5	75	2265198	98978	N/A	3	84364	0.0373	0.0394	37.4	46.0	46.5	-1.8%	-0.6%	46.8
277	1.5	75	4048127	153878	N/A	3	139264	0.0344	0.0356	39.3	47.6	47.9	1.7%	2.4%	46.8
367	1.5	75	5363404	194378	N/A	3	179764	0.0335	0.0344	39.5	47.5	47.8	1.6%	2.1%	46.8
69	1.5	75	1008378	60278	N/A	3	45664	0.0453	0.0501	32.2	41.6	42.8	-11.2%	-8.5%	46.8
124	1.5	75	1812158	85028	N/A	3	70414	0.0389	0.0416	36.2	45.0	45.7	-3.8%	-2.3%	46.8
226	1.5	75	3302804	130928	N/A	3	116314	0.0352	0.0367	38.8	47.2	47.6	0.7%	1.6%	46.8
234	1.5	75	3419718	134528	N/A	3	119914	0.0351	0.0365	38.9	47.2	47.6	0.9%	1.7%	46.8
202	1.5	75	2952064	120128	N/A	3	105514	0.0358	0.0374	38.4	46.8	47.3	0.1%	1.0%	46.8
245	1.5	75	3580474	139478	N/A	3	124864	0.0349	0.0362	39.0	47.3	47.7	1.2%	2.0%	46.8
58	1.5	75	847622	55328	N/A	3	40714	0.0480	0.0538	30.8	40.4	41.8	-13.7%	-10.6%	46.8
328	1.5	75	4793451	176828	N/A	3	162214	0.0338	0.0349	39.6	47.8	48.1	2.2%	2.8%	46.8
218	1.5	75	3185891	127328	N/A	3	112714	0.0354	0.0369	38.7	47.0	47.5	0.5%	1.4%	46.8
142	1.5	75	2075213	93128	N/A	3	78514	0.0378	0.0402	36.9	45.6	46.2	-2.6%	-1.2%	46.8
81	1.5	75	1183748	65678	N/A	3	51064	0.0431	0.0473	33.5	42.6	43.7	-8.9%	-6.6%	46.8
191	1.5	75	2791308	115178	N/A	3	100564	0.0360	0.0378	38.2	46.7	47.2	-0.3%	0.7%	46.8
334	1.5	75	4881136	179528	N/A	3	164914	0.0338	0.0348	39.7	47.8	48.1	2.2%	2.8%	46.8
270	1.5	75	3945828	150728	N/A	3	136114	0.0345	0.0357	39.3	47.6	47.9	1.6%	2.3%	46.8
374	1.5	75	5465703	197528	N/A	3	182914	0.0335	0.0344	39.4	47.4	47.6	1.3		

328	1.5	75	4793451	176828	N/A	3	162214	0.0338	0.0349	39.6	47.8	48.1	2.2%	2.8%	46.8
231	1.5	75	3375875	133178	N/A	3	118564	0.0351	0.0366	38.8	47.2	47.6	0.8%	1.7%	46.8
373	1.5	75	5451089	197078	N/A	3	182464	0.0335	0.0344	39.4	47.4	47.7	1.3%	1.8%	46.8
372	1.5	75	5436474	196628	N/A	3	182014	0.0335	0.0344	39.4	47.4	47.7	1.4%	1.9%	46.8
234	1.5	75	3419718	134528	N/A	3	119914	0.0351	0.0365	38.9	47.2	47.6	0.9%	1.7%	46.8
277	1.5	75	4048127	153878	N/A	3	139264	0.0344	0.0356	39.3	47.6	47.9	1.7%	2.4%	46.8
258	1.5	75	3770458	145328	N/A	3	130714	0.0347	0.0360	39.2	47.5	47.8	1.4%	2.2%	46.8
389	1.5	75	5684916	204278	N/A	3	189664	0.0334	0.0342	39.0	46.9	47.1	0.1%	0.6%	46.8
56	1.5	75	818394	54428	N/A	3	39814	0.0487	0.0546	30.5	40.2	41.6	-14.2%	-11.0%	46.8
52	1.5	75	759937	52628	N/A	3	38014	0.0500	0.0564	29.9	39.7	41.2	-15.3%	-11.9%	46.8
54	1.5	75	789166	53528	N/A	3	38914	0.0493	0.0555	30.2	39.9	41.4	-14.7%	-11.5%	46.8
317	1.5	75	4632695	171878	N/A	3	157264	0.0340	0.0350	39.6	47.8	48.1	2.1%	2.8%	46.8
368	1.5	75	5378018	194828	N/A	3	180214	0.0335	0.0344	39.5	47.5	47.8	1.5%	2.1%	46.8
298	1.5	75	4355025	163328	N/A	3	148714	0.0342	0.0353	39.5	47.7	48.0	2.0%	2.6%	46.8
217	1.5	75	3171277	126878	N/A	3	112264	0.0354	0.0369	38.5	47.0	47.5	0.5%	1.4%	46.8
279	1.5	75	4077356	154778	N/A	3	140164	0.0344	0.0356	39.4	47.6	48.0	1.7%	2.4%	46.8
318	1.5	75	4647309	172328	N/A	3	157714	0.0339	0.0350	39.6	47.8	48.1	2.1%	2.7%	46.8
193	1.5	75	2820536	116078	N/A	3	101464	0.0360	0.0377	38.2	46.7	47.2	-0.2%	0.8%	46.8
238	1.5	75	3478175	136328	N/A	3	121714	0.0350	0.0364	38.9	47.3	47.7	1.0%	1.8%	46.8
344	1.5	75	5027277	184028	N/A	3	169414	0.0337	0.0347	39.6	47.8	48.1	2.1%	2.7%	46.8
66	1.5	75	964536	58928	N/A	3	44314	0.0460	0.0510	31.9	41.3	42.6	-11.8%	-9.1%	46.8
213	1.5	75	3112820	125078	N/A	3	110464	0.0355	0.0371	38.6	47.0	47.4	0.4%	1.3%	46.8
134	1.5	75	1958300	89528	N/A	3	74914	0.0383	0.0408	36.6	45.4	46.0	-3.1%	-1.7%	46.8
268	1.5	75	3916600	149828	N/A	3	135214	0.0345	0.0358	39.3	47.5	47.9	1.6%	2.3%	46.8
291	1.5	75	4252726	160178	N/A	3	145564	0.0342	0.0354	39.4	47.7	48.0	1.9%	2.6%	46.8
91	1.5	75	1329890	70178	N/A	3	55564	0.0418	0.0455	34.3	43.3	44.3	-7.4%	-5.4%	46.8
312	1.5	75	4559624	169628	N/A	3	155014	0.0340	0.0351	39.6	47.8	48.1	2.1%	2.7%	46.8
231	1.5	75	3375875	133178	N/A	3	118564	0.0351	0.0366	38.8	47.2	47.6	0.8%	1.7%	46.8
172	1.5	75	2513639	106628	N/A	3	92014	0.0366	0.0386	37.8	46.3	46.9	-1.0%	0.1%	46.8
69	1.5	75	1008378	60278	N/A	3	45664	0.0453	0.0501	32.2	41.6	42.8	-11.2%	-8.5%	46.8
355	1.5	75	5188033	188978	N/A	3	174364	0.0336	0.0346	39.6	47.7	48.0	1.9%	2.5%	46.8
329	1.5	75	4808065	177278	N/A	3	162664	0.0338	0.0349	39.6	47.8	48.1	2.2%	2.8%	46.8
85	1.5	75	1242205	67478	N/A	3	52864	0.0426	0.0465	33.8	42.9	44.0	-8.3%	-6.1%	46.8
83	1.5	75	1212977	66578	N/A	3	51964	0.0428	0.0469	33.6	42.8	43.8	-8.6%	-6.4%	46.8
88	1.5	75	1286048	68828	N/A	3	54214	0.0422	0.0460	34.1	43.1	44.1	-7.8%	-5.7%	46.8
147	1.5	75	2148284	95378	N/A	3	80764	0.0376	0.0399	37.1	45.8	46.4	-2.3%	-0.9%	46.8
172	1.5	75	2513639	106628	N/A	3	92014	0.0366	0.0386	37.8	46.3	46.9	-1.0%	0.1%	46.8
191	1.5	75	2791308	115178	N/A	3	100564	0.0360	0.0378	38.2	46.7	47.2	-0.3%	0.7%	46.8
278	1.5	75	4062742	154328	N/A	3	139714	0.0344	0.0356	39.3	47.6	47.9	1.7%	2.4%	46.8
237	1.5	75	3463560	135878	N/A	3	121264	0.0350	0.0364	38.9	47.3	47.7	1.0%	1.8%	46.8
119	1.5	75	1739087	82778	N/A	3	68164	0.0392	0.0420	36.0	44.8	45.6	-4.3%	-2.7%	46.8
148	1.5	75	2162898	95828	N/A	3	81214	0.0376	0.0398	37.1	45.8	46.4	-2.2%	-0.9%	46.8
363	1.5	75	5304947	192578	N/A	3	177964	0.0336	0.0345	39.5	47.6	47.9	1.7%	2.3%	46.8
377	1.5	75	5509545	198878	N/A	3	184264	0.0335	0.0343	39.3	47.3	47.6	1.1%	1.6%	46.8
96	1.5	75	1402961	72428	N/A	3	57814	0.0412	0.0447	34.7	43.7	44.6	-6.7%	-4.8%	46.8
301	1.5	75	4398868	164678	N/A	3	150064	0.0341	0.0352	39.5	47.7	48.1	2.0%	2.7%	46.8
386	1.5	75	5641073	202928	N/A	3	188314	0.0334	0.0343	39.1	47.0	47.2	0.4%	0.9%	46.8
96	1.5	75	1402961	72428	N/A	3	57814	0.0412	0.0447	34.7	43.7	44.6	-6.7%	-4.8%	46.8
233	1.5	75	3405104	134078	N/A	3	119464	0.0351	0.0365	38.9	47.2	47.6	0.9%	1.7%	46.8
399	1.5	75	5831057	208778	N/A	3	194164	0.0333	0.0341	38.5	46.2	46.5	-1.2%	-0.7%	46.8
289	1.5	75	4223498	159278	N/A	3	144664	0.0343	0.0354	39.4	47.7	48.0	1.9%	2.6%	46.8
225	1.5	75	3288190	130478	N/A	3	115864	0.0352	0.0367	38.8	47.1	47.5	0.7%	1.6%	46.8
140	1.5	75	2045985	92228	N/A	3	77614	0.0379	0.0403	36.9	45.5	46.2	-2.7%	-1.3%	46.8
230	1.5	75	3361261	132728	N/A	3	118114	0.0351	0.0366	38.8	47.2	47.6	0.8%	1.7%	46.8
139	1.5	75	2031371	91778	N/A	3	77164	0.0380	0.0404	36.8	45.5	46.2	-2.7%	-1.4%	46.8
324	1.5	75	4734994	175028	N/A	3	160414	0.0339	0.0349	39.6	47.8	48.1	2.2%	2.8%	46.8
279	1.5	75	4077356	154778	N/A	3	140164	0.0344	0.0356	39.4	47.6	48.0	1.7%	2.4%	46.8
115	1.5	75	1680631	80978	N/A	3	66364	0.0395	0.0424	35.8	44.6	45.4	-4.6%	-3.0%	46.8
168	1.5	75	2455182	104828	N/A	3	90214	0.0368	0.0387	37.7	46.3	46.8	-1.2%	0.0%	46.8
206	1.5	75	3010521	121928	N/A	3	107314	0.0357	0.0373	38.5	46.9	47.3	0.2%	1.1%	46.8
203	1.5	75	2966678	120578	N/A	3	105964	0.0357	0.0374	38.4	46.8	47.3	0.1%	1.1%	46.8
73	1.5	75	1066835	62078	N/A	3	47464	0.0445	0.0491	32.7	42.0	43.1	-10.4%	-7.9%	46.8
366	1.5	75	5348789	193928	N/A	3	179314	0.0335	0.0344	39.5	47.6	47.8	1.6%	2.2%	46.8
160	1.5	75	2336269	101228	N/A	3	86614	0.0371	0.0391	37.5	46.1	46.6	-1.6%	-0.3%	46.8
185	1.5	75	2703623	112478	N/A	3	97964	0.0362	0.0380	38.1	46.6	47.1	-0.5%	0.6%	46.8
377	1.5	75	5509545	198878	N/A	3	184264	0.0335	0.0343	39.3	47.3	47.6	1.1%	1.6%	46.8
302	1.5	75	4413482	165128	N/A	3	150514	0.0341	0.0352	39.5	47.8	48.1	2.0%	2.7%	46.8
155	1.5	75	2265198	98978	N/A	3	84364	0.0373	0.0394	37.4	46.0	46.5	-1.8%	-0.6%	46.8
371	1.5	75	5421860	196178	N/A	3	181564	0.0335	0.0344	39.4	47.5	47.7	1.4%	1.9%	46.8
106	1.5	75	1549103	76928	N/A	3	62314	0.0402	0.0434	35.3	44.2	45.0	-5.6%	-3.8%	46.8
368	2.0	75	5378018	194828	N/A	3	165600	0.0311	0.0335	39.7	47.2	47.8	0.7%	2.2%	46.8
202	2.0	75	2952064	120128	N/A	3	90900	0.0313	0.0358	39.8	47.3	48.5	1.0%	3.6%	46.8
215	2.0	75	3142048	125978	N/A	3	96750	0.0313	0.0355	41.7	49.6	50.8	6.0%	8.6%	46.8
225	2.0	75	3288190	130478	N/A	3	101250	0.0312	0.0352	39.6	47.1	48.2	0.6%	2.9%	46.8
340	2.0	75	4968821	182228	N/A	3	153000	0.0311	0.0337	39.9	47.4	48.2	1.3%	2.9%	46.8
287	2.0	75	4194269	158378	N/A	3	129150	0.0311	0.0343	41.2	49.0	49.9	4.6%	6.6%	46.8
291	2.0	75	4252726	160178	N/A	3	130950	0.0311	0.0342	40.9	48.6	49.5	3.8%	5.7%	46.8
250	2.0	75	3653545	141728	N/A	3	112500	0.0312	0.0348	41.3	49.1	50.1	4.9%	7.1%	46.8
286	2.0	75	4179655	157928	N/A	3	128700	0.0311	0.0343	41.1	48.8	49.7	4.3%	6.3%	46.8
256	2.0	75	3741230	144428	N/A	3	115200	0.0312	0.0347	41.0	48.7	49.7	4.0%	6.2%	46.8
182	2.0	75	2659781	111128	N/A	3	81900	0.0313	0.0363	39.7	47.2	48.6	0.9%	3.8%	46.8
325	2.0	75	4749608	175478	N/A	3	146250	0.0311	0.0339	40.6	48.2	49.0	3.1%	4.7%	46.8
121	2.0	75	1768316	83678	N/A	3	54450	0.0316	0.0391	41.5	49.4	51.6	5.6%	10.3%	46.8
101	2.0	75	1476032	74678	N/A	3	45450	0.0318	0.0407	41.0	48.9	51.5	4.4%	10.0%	46.8
148	2.0	75	2162898	95828	N/A	3	66								

278	2.0	75	4062742	154328	N/A	3	125100	0.0312	0.0344	40.1	47.7	48.6	1.8%	3.8%	46.8
188	2.0	75	2747466	113828	N/A	3	84600	0.0313	0.0361	40.1	47.7	49.1	1.9%	4.8%	46.8
158	2.0	75	2309040	100328	N/A	3	71100	0.0314	0.0371	41.8	49.8	51.4	6.3%	9.9%	46.8
191	2.0	75	2791308	115178	N/A	3	85950	0.0313	0.0360	40.5	48.1	49.4	2.7%	5.6%	46.8
240	2.0	75	3507403	137228	N/A	3	108000	0.0312	0.0350	39.6	47.0	48.1	0.5%	2.7%	46.8
239	2.0	75	3492789	136778	N/A	3	107550	0.0312	0.0350	41.3	49.1	50.2	4.8%	7.2%	46.8
353	2.0	75	5158805	188078	N/A	3	158850	0.0311	0.0336	39.8	47.3	48.0	1.0%	2.5%	46.8
253	2.0	75	3697387	143078	N/A	3	113850	0.0312	0.0348	41.0	48.7	49.7	3.9%	6.1%	46.8
110	2.0	75	1607560	78728	N/A	3	49500	0.0317	0.0399	41.9	49.9	52.3	6.5%	11.7%	46.8
303	2.0	75	4428096	165578	N/A	3	136350	0.0311	0.0341	41.0	48.7	49.5	4.0%	5.8%	46.8
301	2.0	75	4398868	164678	N/A	3	135450	0.0311	0.0341	41.3	49.0	49.8	4.7%	6.5%	46.8
137	2.0	75	2002142	90878	N/A	3	61650	0.0315	0.0381	41.8	49.7	51.7	6.2%	10.4%	46.8
337	2.0	75	4924978	180878	N/A	3	151650	0.0311	0.0338	40.2	47.8	48.5	2.1%	3.7%	46.8
128	2.0	75	1870615	86828	N/A	3	57600	0.0316	0.0386	41.1	49.0	51.0	4.7%	9.0%	46.8
378	2.0	75	5524160	195328	N/A	3	170100	0.0311	0.0334	39.6	47.0	47.7	0.4%	1.8%	46.8
110	2.0	75	1607560	78728	N/A	3	49500	0.0317	0.0399	39.9	47.6	49.9	1.7%	6.6%	46.8
394	2.0	75	5757986	206528	N/A	3	177300	0.0311	0.0333	38.8	46.0	46.6	-1.7%	-0.4%	46.8
350	2.0	75	5114963	186728	N/A	3	157500	0.0311	0.0337	40.1	47.6	48.3	1.6%	3.2%	46.8
350	2.0	75	5114963	186728	N/A	3	157500	0.0311	0.0337	40.4	47.9	48.7	2.4%	3.9%	46.8
324	2.0	75	4734994	175028	N/A	3	145800	0.0311	0.0339	40.9	48.6	49.4	3.8%	5.5%	46.8
351	2.0	75	5129577	187178	N/A	3	157950	0.0311	0.0336	40.4	48.0	48.7	2.6%	4.1%	46.8
334	2.0	75	4881136	179528	N/A	3	150300	0.0311	0.0338	40.7	48.3	49.1	3.2%	4.8%	46.8
370	2.0	75	5407246	195728	N/A	3	166500	0.0311	0.0335	39.7	47.1	47.8	0.7%	2.1%	46.8
226	2.0	75	3302804	130928	N/A	3	101700	0.0312	0.0352	40.0	47.5	48.6	1.5%	3.8%	46.8
208	2.0	75	3039749	122828	N/A	3	93600	0.0313	0.0356	41.3	49.1	50.3	4.9%	7.5%	46.8
204	2.0	75	2981292	121028	N/A	3	91800	0.0313	0.0357	41.7	49.6	50.8	5.9%	8.6%	46.8
205	2.0	75	2995907	121478	N/A	3	92250	0.0313	0.0357	41.7	49.6	50.9	6.0%	8.7%	46.8
307	2.0	75	4486553	167378	N/A	3	138150	0.0311	0.0341	40.9	48.6	49.4	3.7%	5.5%	46.8
278	2.0	75	4062742	154328	N/A	3	125100	0.0312	0.0344	41.5	49.3	50.2	5.3%	7.3%	46.8
111	2.0	75	1622174	79178	N/A	3	49950	0.0317	0.0398	40.9	48.7	51.0	4.0%	9.1%	46.8
42	2.0	75	613796	48128	N/A	3	18900	0.0332	0.0546	41.7	50.1	57.0	7.1%	21.7%	46.8
141	2.0	75	2060599	92678	N/A	3	63450	0.0315	0.0379	41.9	49.8	51.7	6.4%	10.4%	46.8
82	2.0	75	1198363	66128	N/A	3	36900	0.0320	0.0430	41.3	49.3	52.6	5.4%	12.4%	46.8
342	2.0	75	4998049	183128	N/A	3	153900	0.0311	0.0337	39.8	47.2	47.9	0.8%	2.4%	46.8
110	2.0	75	1607560	78728	N/A	3	49500	0.0317	0.0399	41.8	49.8	52.3	6.5%	11.7%	46.8
89	2.0	75	1300662	69278	N/A	3	40050	0.0319	0.0420	37.7	45.0	47.7	-3.9%	1.9%	46.8
208	2.0	75	3039749	122828	N/A	3	93600	0.0313	0.0356	40.8	48.5	49.8	3.7%	6.3%	46.8
256	2.0	75	3741230	144428	N/A	3	115200	0.0312	0.0347	41.6	49.4	50.5	5.6%	7.8%	46.8
130	2.0	75	1899843	87728	N/A	3	58500	0.0316	0.0385	40.6	48.3	50.3	3.2%	7.4%	46.8
364	2.0	75	5319561	193028	N/A	3	163800	0.0311	0.0335	40.1	47.6	48.3	1.7%	3.1%	46.8
338	2.0	75	4939592	181328	N/A	3	152100	0.0311	0.0338	40.7	48.4	49.1	3.3%	5.0%	46.8
228	2.0	75	3332033	131828	N/A	3	102600	0.0312	0.0352	41.1	48.9	50.0	4.4%	6.8%	46.8
144	2.0	75	2104442	94028	N/A	3	64800	0.0315	0.0377	41.8	49.7	51.5	6.2%	10.1%	46.8
106	2.0	75	1549103	76928	N/A	3	47700	0.0317	0.0402	41.8	49.8	52.3	6.3%	11.7%	46.8
302	2.0	75	4413482	165128	N/A	3	135900	0.0311	0.0341	40.7	48.3	49.2	3.3%	5.1%	46.8
296	2.0	75	4325797	162428	N/A	3	133200	0.0311	0.0342	41.4	49.1	50.0	4.9%	6.8%	46.8
281	2.0	75	4106584	155678	N/A	3	126450	0.0312	0.0344	40.2	47.7	48.6	1.9%	3.8%	46.8
256	2.0	75	3741230	144428	N/A	3	115200	0.0312	0.0347	41.0	48.7	49.7	4.0%	6.2%	46.8
283	2.0	75	4135813	156578	N/A	3	127350	0.0312	0.0343	41.0	48.7	49.6	4.0%	5.9%	46.8
52	2.0	75	759937	52628	N/A	3	23400	0.0327	0.0500	41.6	49.9	55.3	6.6%	18.1%	46.8
198	2.0	75	2893607	118328	N/A	3	89100	0.0313	0.0359	40.4	48.0	49.3	2.6%	5.3%	46.8
73	2.0	75	1066835	62078	N/A	3	32850	0.0322	0.0445	36.6	43.7	47.0	-6.7%	0.4%	46.8
386	2.0	75	5641073	202928	N/A	3	173700	0.0311	0.0334	39.2	46.5	47.2	-0.6%	0.7%	46.8
367	2.0	75	5363404	194378	N/A	3	165150	0.0311	0.0335	39.7	47.1	47.8	0.6%	2.1%	46.8
160	2.0	75	2338269	101228	N/A	3	72000	0.0314	0.0371	41.6	49.5	51.1	5.7%	9.2%	46.8
391	2.0	75	5714144	205178	N/A	3	179500	0.0311	0.0334	39.0	46.3	46.9	-1.1%	0.2%	46.8
355	2.0	75	5188033	188978	N/A	3	159750	0.0311	0.0336	40.3	47.8	48.5	2.1%	3.6%	46.8
268	2.0	75	3916600	149828	N/A	3	120600	0.0312	0.0345	41.6	49.4	50.3	5.5%	7.5%	46.8
214	2.0	75	3127434	125528	N/A	3	96300	0.0313	0.0355	40.8	48.4	49.6	3.5%	6.1%	46.8
224	2.0	75	3273576	130028	N/A	3	100800	0.0312	0.0353	40.4	48.1	49.2	2.7%	5.1%	46.8
354	2.0	75	5173419	188528	N/A	3	159300	0.0311	0.0336	40.4	47.9	48.6	2.4%	3.9%	46.8
281	2.0	75	4106584	155678	N/A	3	126450	0.0312	0.0344	41.5	49.2	50.2	5.2%	7.2%	46.8
252	2.0	75	3682773	142628	N/A	3	113400	0.0312	0.0348	40.4	48.0	49.1	2.6%	4.8%	46.8
319	2.0	75	4661923	172778	N/A	3	143550	0.0311	0.0339	40.6	48.2	49.0	3.1%	4.7%	46.8
294	2.0	75	4296569	161528	N/A	3	142300	0.0311	0.0342	41.4	49.1	50.0	5.0%	6.8%	46.8
235	2.0	75	3434332	134378	N/A	3	106750	0.0312	0.0351	41.6	49.5	50.6	5.7%	8.1%	46.8
57	2.0	75	833008	54878	N/A	3	25650	0.0326	0.0483	39.6	47.4	52.0	1.3%	11.2%	46.8
325	2.0	75	4749608	175478	N/A	3	146250	0.0311	0.0339	40.9	48.6	49.4	3.9%	5.5%	46.8
362	2.0	75	5290333	192128	N/A	3	162900	0.0311	0.0336	39.9	47.4	48.1	1.2%	2.7%	46.8
111	2.0	75	1622174	79178	N/A	3	49950	0.0317	0.0398	38.5	45.9	48.1	-2.0%	2.7%	46.8
318	2.0	75	4647309	172328	N/A	3	143100	0.0311	0.0339	40.9	48.6	49.4	3.8%	5.6%	46.8
204	2.0	75	2981292	121028	N/A	3	91800	0.0313	0.0357	40.8	48.5	49.7	3.5%	6.2%	46.8
335	2.0	75	4895750	179978	N/A	3	150750	0.0311	0.0338	40.1	47.6	48.3	1.6%	3.2%	46.8
350	2.0	75	5114963	186728	N/A	3	157500	0.0311	0.0337	40.5	48.1	48.8	2.7%	4.2%	46.8
159	2.0	75	2323654	100778	N/A	3	71550	0.0314	0.0371	41.3	49.1	50.8	4.9%	8.5%	46.8
213	2.0	75	3112820	125078	N/A	3	95850	0.0313	0.0355	41.8	49.6	50.9	6.0%	8.6%	46.8
395	2.0	75	5772601	206978	N/A	3	177750	0.0311	0.0333	38.7	46.0	46.6	-1.8%	-0.5%	46.8
40	2.0	75	584567	47228	N/A	3	18000	0.0333	0.0558	39.9	48.0	54.9	2.5%	17.3%	46.8
219	2.0	75	3200505	127778	N/A	3	98550	0.0313	0.0354	39.9	47.5	48.6	1.4%	3.9%	46.8
263	2.0	75	3843529	147578	N/A	3	118350	0.0312	0.0346	39.8	47.3	48.3	1.1%	3.1%	46.8
91	2.0	75	1329890	70178	N/A	3	40950	0.0319	0.0418	39.2	46.8	49.6	0.0%	5.9%	46.8
90	2.0	75	1315276	69728	N/A	3	40500	0.0319	0.0419	40.2	48.0	50.8	2.5%	8.6%	46.8
312	2.0	75	4559624	169628	N/A	3	140400	0.0311	0.0340	40.5	48.1	48.9	2.8%	4.5%	46.8
164	1.5	75	2396725	103028	N/A	4	88414	0.0369	0.0389	37.2	45.7	46.3			

73	1.5	75	1066835	62078	N/A	4	47464	0.0445	0.0491	32.7	42.0	43.2	-9.2%	-6.7%	46.3
187	1.5	75	2732851	113378	N/A	4	98764	0.0361	0.0379	37.7	46.1	46.6	-0.4%	0.7%	46.3
281	1.5	75	4106584	155678	N/A	4	141064	0.0344	0.0355	38.8	47.0	47.3	1.5%	2.2%	46.3
292	1.5	75	4267340	160628	N/A	4	146014	0.0342	0.0354	38.9	47.0	47.3	1.7%	2.4%	46.3
222	1.5	75	3244348	129128	N/A	4	114514	0.0353	0.0368	38.2	46.5	46.9	0.6%	1.4%	46.3
184	1.5	75	2689009	112028	N/A	4	97414	0.0362	0.0380	37.6	46.0	46.5	-0.5%	0.6%	46.3
388	1.5	75	5670301	203828	N/A	4	189214	0.0334	0.0342	38.5	46.4	46.6	0.2%	0.7%	46.3
290	1.5	75	4238112	159728	N/A	4	145114	0.0342	0.0354	38.9	47.0	47.3	1.6%	2.3%	46.3
84	1.5	75	1227591	67028	N/A	4	52414	0.0427	0.0467	33.7	42.8	43.8	-7.4%	-5.2%	46.3
218	1.5	75	3185891	127328	N/A	4	112714	0.0354	0.0369	38.2	46.5	46.9	0.4%	1.3%	46.3
205	1.5	75	2995907	121478	N/A	4	106864	0.0357	0.0373	38.0	46.3	46.8	0.1%	1.1%	46.3
262	1.5	75	3828915	147128	N/A	4	132514	0.0346	0.0359	38.7	46.9	47.2	1.3%	2.0%	46.3
319	1.5	75	4661923	172778	N/A	4	158164	0.0339	0.0350	39.1	47.1	47.4	1.9%	2.5%	46.3
311	1.5	75	4545710	169178	N/A	4	154564	0.0340	0.0351	39.0	47.1	47.4	1.8%	2.5%	46.3
278	1.5	75	4062742	154328	N/A	4	139714	0.0344	0.0356	38.8	47.0	47.3	1.5%	2.2%	46.3
204	1.5	75	2981292	121028	N/A	4	106414	0.0357	0.0373	38.0	46.3	46.8	0.1%	1.1%	46.3
226	1.5	75	3302804	130928	N/A	4	116314	0.0352	0.0367	38.3	46.6	47.0	0.6%	1.5%	46.3
248	1.5	75	3624316	140828	N/A	4	126214	0.0348	0.0362	38.5	46.7	47.1	1.0%	1.8%	46.3
340	1.5	75	4968821	182228	N/A	4	167614	0.0337	0.0347	39.1	47.1	47.4	1.9%	2.5%	46.3
361	1.5	75	5275719	191678	N/A	4	177064	0.0336	0.0345	39.0	47.0	47.3	1.6%	2.2%	46.3
367	1.5	75	5363404	194378	N/A	4	179764	0.0335	0.0344	39.0	46.9	47.2	1.4%	2.0%	46.3
370	1.5	75	5407246	195728	N/A	4	181114	0.0335	0.0344	38.9	46.9	47.1	1.4%	1.9%	46.3
77	1.5	75	1125292	63878	N/A	4	49264	0.0438	0.0481	33.1	42.3	43.4	-8.5%	-6.1%	46.3
176	1.5	75	2572095	108428	N/A	4	93814	0.0365	0.0384	37.5	45.9	46.4	-0.7%	0.4%	46.3
285	1.5	75	4165041	157478	N/A	4	142864	0.0343	0.0355	38.9	47.0	47.3	1.6%	2.3%	46.3
92	1.5	75	1344504	70628	N/A	4	56014	0.0417	0.0453	34.3	43.3	44.3	-6.4%	-4.3%	46.3
211	1.5	75	3083592	124178	N/A	4	109564	0.0355	0.0371	38.1	46.4	46.8	0.3%	1.2%	46.3
380	1.5	75	5553388	200228	N/A	4	185614	0.0334	0.0343	38.8	46.6	46.9	0.8%	1.4%	46.3
205	1.5	75	2995907	121478	N/A	4	106864	0.0357	0.0373	38.0	46.3	46.8	0.1%	1.1%	46.3
80	1.5	75	1169134	65228	N/A	4	50614	0.0433	0.0475	33.4	42.5	43.6	-8.1%	-5.7%	46.3
159	1.5	75	2323654	100778	N/A	4	86164	0.0371	0.0392	37.1	45.6	46.2	-1.4%	-0.2%	46.3
141	1.5	75	2060599	92678	N/A	4	78064	0.0379	0.0403	36.6	45.2	45.8	-2.3%	-0.9%	46.3
89	1.5	75	1300662	69278	N/A	4	54664	0.0420	0.0458	34.1	43.1	44.1	-6.8%	-4.7%	46.3
320	1.5	75	4676537	173228	N/A	4	158614	0.0339	0.0350	39.1	47.1	47.4	1.9%	2.5%	46.3
144	1.5	75	2104442	94028	N/A	4	79414	0.0377	0.0401	36.7	45.3	45.9	-2.1%	-0.8%	46.3
158	1.5	75	2309040	100328	N/A	4	85714	0.0371	0.0392	37.1	45.6	46.2	-1.5%	-0.2%	46.3
153	1.5	75	2235969	98078	N/A	4	83464	0.0373	0.0395	36.9	45.5	46.1	-1.7%	-0.4%	46.3
146	1.5	75	2133670	94928	N/A	4	80314	0.0376	0.0399	36.8	45.3	45.9	-2.0%	-0.7%	46.3
131	1.5	75	1914457	88178	N/A	4	73564	0.0384	0.0410	36.3	44.9	45.6	-2.9%	-1.4%	46.3
188	1.5	75	2747466	113828	N/A	4	99214	0.0361	0.0379	37.7	46.1	46.6	0.7%	1.4%	46.3
232	1.5	75	3390489	133628	N/A	4	119014	0.0351	0.0365	38.4	46.6	47.0	0.8%	1.6%	46.3
360	1.5	75	5261104	191228	N/A	4	176614	0.0336	0.0345	39.0	47.0	47.3	1.7%	2.2%	46.3
299	1.5	75	4369639	163778	N/A	4	149164	0.0341	0.0353	38.9	47.1	47.4	1.7%	2.4%	46.3
202	1.5	75	2952064	120128	N/A	4	105514	0.0358	0.0374	37.9	46.3	46.7	0.1%	1.0%	46.3
55	1.5	75	803780	53978	N/A	4	39364	0.0490	0.0550	30.5	40.2	41.7	-13.0%	-9.8%	46.3
222	1.5	75	3244348	129128	N/A	4	114514	0.0353	0.0368	38.2	46.5	46.9	0.6%	1.4%	46.3
59	1.5	75	862237	55778	N/A	4	41164	0.0477	0.0534	31.1	40.7	42.1	-12.1%	-9.0%	46.3
223	1.5	75	3258962	129578	N/A	4	114964	0.0353	0.0368	38.2	46.5	46.9	0.6%	1.4%	46.3
174	1.5	75	2542867	107528	N/A	4	92914	0.0365	0.0385	37.4	45.9	46.4	-0.8%	0.3%	46.3
81	1.5	75	1183748	65678	N/A	4	51064	0.0431	0.0473	33.4	42.6	43.7	-7.9%	-5.6%	46.3
330	1.5	75	4822679	177728	N/A	4	163114	0.0338	0.0348	39.1	47.2	47.4	1.9%	2.5%	46.3
182	1.5	75	2659781	111128	N/A	4	96514	0.0363	0.0381	37.6	46.0	46.5	-0.5%	0.5%	46.3
157	1.5	75	2294426	99878	N/A	4	85264	0.0372	0.0393	37.1	45.6	46.1	-1.5%	-0.2%	46.3
152	1.5	75	2221355	97628	N/A	4	83014	0.0374	0.0396	36.9	45.5	46.1	-1.7%	-0.4%	46.3
91	1.5	75	1329890	70178	N/A	4	55564	0.0418	0.0455	34.2	43.3	44.2	-6.5%	-4.4%	46.3
234	1.5	75	3419718	134528	N/A	4	119914	0.0351	0.0365	38.4	46.6	47.0	0.8%	1.6%	46.3
93	1.5	75	1359119	71078	N/A	4	56464	0.0416	0.0451	34.4	43.4	44.3	-6.3%	-4.2%	46.3
304	1.5	75	4442710	166028	N/A	4	151414	0.0341	0.0352	39.0	47.1	47.4	1.8%	2.4%	46.3
266	1.5	75	3887372	148928	N/A	4	134314	0.0346	0.0358	38.7	46.9	47.2	1.3%	2.1%	46.3
341	1.5	75	4983435	182678	N/A	4	168064	0.0337	0.0347	39.1	47.1	47.4	1.9%	2.5%	46.3
362	1.5	75	5290333	192128	N/A	4	177514	0.0336	0.0345	39.0	47.0	47.2	1.6%	2.1%	46.3
88	1.5	75	1286048	68828	N/A	4	54214	0.0422	0.0460	34.0	43.1	44.1	-6.9%	-4.8%	46.3
262	1.5	75	3828915	147128	N/A	4	132514	0.0346	0.0359	38.7	46.9	47.2	1.3%	2.0%	46.3
328	1.5	75	4793451	176828	N/A	4	162214	0.0338	0.0349	39.1	47.1	47.4	1.9%	2.5%	46.3
359	1.5	75	5246480	190778	N/A	4	175164	0.0336	0.0345	39.1	47.0	47.3	1.7%	2.2%	46.3
125	1.5	75	1826772	85478	N/A	4	70864	0.0388	0.0415	36.0	44.7	45.5	-3.3%	-1.7%	46.3
125	1.5	75	1826772	85478	N/A	4	70864	0.0388	0.0415	36.0	44.7	45.5	-3.3%	-1.7%	46.3
372	1.5	75	5436474	196628	N/A	4	182014	0.0335	0.0344	38.9	46.8	47.1	1.3%	1.8%	46.3
57	1.5	75	833008	54878	N/A	4	40264	0.0483	0.0542	30.8	40.5	41.9	-12.6%	-9.4%	46.3
202	1.5	75	2952064	120128	N/A	4	105514	0.0358	0.0374	37.9	46.3	46.7	0.1%	1.0%	46.3
311	1.5	75	4545710	169178	N/A	4	154564	0.0340	0.0351	39.0	47.1	47.4	1.8%	2.5%	46.3
316	1.5	75	4618080	171428	N/A	4	156814	0.0340	0.0350	39.0	47.1	47.4	1.9%	2.5%	46.3
202	1.5	75	2952064	120128	N/A	4	105514	0.0358	0.0374	37.9	46.3	46.7	0.1%	1.0%	46.3
284	1.5	75	4150427	157028	N/A	4	142414	0.0343	0.0355	38.8	47.0	47.3	1.6%	2.3%	46.3
301	1.5	75	4398868	164678	N/A	4	150064	0.0341	0.0352	39.0	47.1	47.4	1.8%	2.4%	46.3
184	1.5	75	2689009	112028	N/A	4	97414	0.0362	0.0380	37.6	46.0	46.5	-0.5%	0.6%	46.3
181	1.5	75	2645166	110678	N/A	4	96064	0.0363	0.0382	37.6	46.0	46.5	-0.6%	0.5%	46.3
123	1.5	75	1797544	84578	N/A	4	69964	0.0389	0.0416	35.9	44.7	45.4	-3.4%	-1.9%	46.3
114	1.5	75	1666016	80528	N/A	4	65914	0.0396	0.0425	35.6	44.3	45.1	-4.1%	-2.5%	46.3
375	1.5	75	5480317	197978	N/A	4	183364	0.0335	0.0344	38.9	46.8	47.0	1.1%	1.6%	46.3
136	1.5	75	1987528	90428	N/A	4	75814	0.0382	0.0406	36.4	45.1	45.7	-2.6%	-1.2%	46.3
233	1.5	75	3405104	134078	N/A	4	119464	0.0351	0.0365	38.4	46.6	47.0	0.8%	1.6%	46.3
329	1.5	75	4808065	177278	N/A	4	162664	0.0338	0.0349	39.1	47.1	47.4	1.9%	2.5%	46.3
277	1.5	75	4048127	153878	N/A	4	139264	0.0344	0.0356	38.8	47.0	47.3	1.5%	2.2%	

216	1.5	75	3156663	126428	N/A	4	111814	0.0354	0.0370	38.2	46.5	46.9	0.4%	1.3%	46.3
234	1.5	75	3419718	134528	N/A	4	119914	0.0351	0.0365	38.4	46.6	47.0	0.8%	1.6%	46.3
165	1.5	75	2411339	103478	N/A	4	88864	0.0369	0.0389	37.2	45.7	46.3	-1.2%	0.0%	46.3
118	1.5	75	1724473	82328	N/A	4	67714	0.0393	0.0421	35.7	44.5	45.2	-3.8%	-2.2%	46.3
85	1.5	75	1242205	67478	N/A	4	52864	0.0426	0.0465	33.8	42.9	43.9	-7.3%	-5.1%	46.3
63	1.5	75	920693	57578	N/A	4	42964	0.0467	0.0520	31.6	41.1	42.4	-11.2%	-8.3%	46.3
158	1.5	75	2309040	100328	N/A	4	85714	0.0371	0.0392	37.1	45.6	46.2	-1.5%	-0.2%	46.3
77	1.5	75	1125292	63878	N/A	4	49264	0.0438	0.0481	33.1	42.3	43.4	-8.5%	-6.1%	46.3
106	1.5	75	1549103	76928	N/A	4	62314	0.0402	0.0434	35.1	44.0	44.8	-4.9%	-3.1%	46.3
67	2.0	75	979150	59378	N/A	4	30150	0.0323	0.0457	41.0	49.0	53.0	5.9%	14.7%	46.3
131	2.0	75	1914457	88178	N/A	4	58950	0.0316	0.0384	41.0	48.8	50.8	5.4%	9.7%	46.3
342	2.0	75	4998049	183128	N/A	4	153900	0.0311	0.0337	40.0	47.4	48.2	2.6%	4.1%	46.3
351	2.0	75	5129577	187178	N/A	4	157950	0.0311	0.0336	39.9	47.4	48.1	2.5%	4.0%	46.3
375	2.0	75	5480317	197978	N/A	4	168750	0.0311	0.0335	39.2	46.6	47.2	0.7%	2.1%	46.3
254	2.0	75	3712001	143528	N/A	4	114300	0.0312	0.0347	39.4	46.8	47.8	1.2%	3.3%	46.3
176	2.0	75	2572095	108428	N/A	4	79200	0.0314	0.0365	40.0	47.6	49.0	2.8%	5.9%	46.3
326	2.0	75	4764222	175928	N/A	4	146700	0.0311	0.0339	39.6	47.0	47.8	1.6%	3.2%	46.3
218	2.0	75	3185891	127328	N/A	4	98100	0.0313	0.0354	39.9	47.4	48.6	2.5%	5.0%	46.3
212	2.0	75	3098206	124628	N/A	4	95400	0.0313	0.0355	40.8	48.4	49.6	4.7%	7.3%	46.3
224	2.0	75	3273576	130028	N/A	4	100800	0.0312	0.0353	41.0	48.7	49.8	5.2%	7.7%	46.3
87	2.0	75	1271434	68378	N/A	4	39150	0.0319	0.0423	40.5	48.3	51.3	4.4%	10.9%	46.3
175	2.0	75	2557481	107978	N/A	4	78750	0.0314	0.0365	40.9	48.6	50.1	5.1%	8.3%	46.3
373	2.0	75	5451089	197078	N/A	4	167850	0.0311	0.0335	39.1	46.4	47.1	0.4%	1.8%	46.3
335	2.0	75	4895750	179978	N/A	4	150750	0.0311	0.0338	40.0	47.4	48.2	2.5%	4.2%	46.3
295	2.0	75	4311183	161978	N/A	4	132750	0.0311	0.0342	40.4	48.0	48.8	3.7%	5.5%	46.3
65	2.0	75	949922	58478	N/A	4	29250	0.0323	0.0462	35.8	42.8	46.5	-7.4%	0.4%	46.3
340	2.0	75	4968821	182228	N/A	4	153000	0.0311	0.0337	39.8	47.3	48.0	2.3%	3.8%	46.3
199	2.0	75	2908222	118778	N/A	4	89550	0.0313	0.0358	38.5	45.8	47.0	-1.0%	1.6%	46.3
255	2.0	75	3726616	143978	N/A	4	114750	0.0312	0.0347	40.8	48.4	49.4	4.7%	6.8%	46.3
110	2.0	75	1607560	78728	N/A	4	49500	0.0317	0.0399	40.5	48.2	50.6	4.2%	9.3%	46.3
319	2.0	75	4661923	172778	N/A	4	143550	0.0311	0.0339	40.1	47.7	48.5	3.0%	4.7%	46.3
42	2.0	75	613796	48128	N/A	4	18900	0.0332	0.0546	34.2	41.1	46.7	-11.2%	0.9%	46.3
297	2.0	75	4340411	162878	N/A	4	133650	0.0311	0.0342	40.5	48.1	48.9	3.9%	5.7%	46.3
272	2.0	75	3975057	151628	N/A	4	122400	0.0312	0.0345	40.8	48.4	49.4	4.7%	6.7%	46.3
140	2.0	75	2045985	92228	N/A	4	63000	0.0315	0.0379	41.0	48.8	50.7	5.6%	9.6%	46.3
348	2.0	75	5085734	185828	N/A	4	156600	0.0311	0.0337	39.7	47.2	47.9	2.0%	3.5%	46.3
247	2.0	75	3609702	140378	N/A	4	111150	0.0312	0.0348	40.8	48.5	49.5	4.8%	7.0%	46.3
276	2.0	75	4033513	153428	N/A	4	124200	0.0312	0.0344	40.6	48.3	49.2	4.4%	6.3%	46.3
53	2.0	75	774551	53078	N/A	4	23850	0.0327	0.0497	40.1	48.0	53.1	3.8%	14.7%	46.3
196	2.0	75	2864379	117428	N/A	4	88200	0.0313	0.0359	40.4	48.0	49.3	3.7%	6.5%	46.3
277	2.0	75	4048127	153878	N/A	4	124650	0.0312	0.0344	40.8	48.5	49.4	4.8%	6.8%	46.3
317	2.0	75	4632695	171878	N/A	4	142650	0.0311	0.0340	40.4	48.0	48.8	3.7%	5.4%	46.3
160	2.0	75	2338269	101228	N/A	4	72000	0.0314	0.0371	39.6	47.2	48.7	1.9%	5.3%	46.3
323	2.0	75	4720380	174578	N/A	4	145350	0.0311	0.0339	40.2	47.7	48.5	3.2%	4.9%	46.3
175	2.0	75	2557481	107978	N/A	4	78750	0.0314	0.0365	40.6	48.3	49.7	4.4%	7.5%	46.3
192	2.0	75	2805922	115628	N/A	4	86400	0.0313	0.0360	41.0	48.8	50.1	5.5%	8.4%	46.3
370	2.0	75	5407246	195728	N/A	4	166500	0.0311	0.0335	39.4	46.8	47.5	1.2%	2.6%	46.3
337	2.0	75	4924978	180878	N/A	4	151650	0.0311	0.0338	39.3	46.7	47.4	0.9%	2.5%	46.3
67	2.0	75	979150	59378	N/A	4	30150	0.0323	0.0457	40.3	48.1	52.1	4.0%	12.6%	46.3
198	2.0	75	2893607	118328	N/A	4	89100	0.0313	0.0359	41.0	48.8	50.1	5.4%	8.2%	46.3
110	2.0	75	1607560	78728	N/A	4	49500	0.0317	0.0399	41.1	48.9	51.3	5.8%	11.0%	46.3
304	2.0	75	4442710	166028	N/A	4	136800	0.0311	0.0341	40.3	47.9	48.7	3.5%	5.3%	46.3
104	2.0	75	1519875	76028	N/A	4	46800	0.0318	0.0404	39.7	47.3	49.8	2.3%	7.6%	46.3
233	2.0	75	3405104	134078	N/A	4	104850	0.0312	0.0351	40.0	47.5	48.5	2.6%	4.9%	46.3
396	2.0	75	5787215	207428	N/A	4	178200	0.0311	0.0333	38.2	45.4	46.0	-1.9%	-0.6%	46.3
257	2.0	75	3755844	144878	N/A	4	115650	0.0312	0.0347	40.7	48.3	49.3	4.4%	6.6%	46.3
182	2.0	75	2659781	111128	N/A	4	81900	0.0313	0.0363	41.0	48.8	50.2	5.5%	8.6%	46.3
394	2.0	75	5757986	206528	N/A	4	177300	0.0311	0.0333	38.3	45.5	46.1	-1.7%	-0.4%	46.3
229	2.0	75	3346647	132278	N/A	4	103050	0.0312	0.0352	40.9	48.6	49.7	5.0%	7.5%	46.3
371	2.0	75	5421860	196178	N/A	4	166950	0.0311	0.0335	39.1	46.4	47.1	0.3%	1.8%	46.3
112	2.0	75	1636788	79628	N/A	4	50400	0.0317	0.0397	40.8	48.6	50.9	5.0%	10.0%	46.3
127	2.0	75	1856001	86378	N/A	4	57150	0.0316	0.0387	39.0	46.5	48.4	0.5%	4.7%	46.3
181	2.0	75	2645166	110678	N/A	4	81450	0.0314	0.0363	40.9	48.7	50.1	5.2%	8.3%	46.3
213	2.0	75	3112820	125078	N/A	4	95850	0.0313	0.0355	40.9	48.6	49.8	5.1%	7.7%	46.3
175	2.0	75	2557481	107978	N/A	4	78750	0.0314	0.0365	41.0	48.7	50.2	5.3%	8.5%	46.3
216	2.0	75	3156663	126428	N/A	4	97200	0.0313	0.0354	40.2	47.8	49.0	4.4%	5.9%	46.3
275	2.0	75	4018899	152978	N/A	4	123750	0.0312	0.0344	39.4	46.8	47.7	1.2%	3.1%	46.3
321	2.0	75	4691151	173678	N/A	4	144450	0.0311	0.0339	40.4	47.9	48.7	3.6%	5.3%	46.3
362	2.0	75	5290333	192128	N/A	4	162900	0.0311	0.0336	39.4	46.8	47.5	1.1%	2.6%	46.3
400	2.0	75	5845671	209228	N/A	4	180000	0.0311	0.0333	38.0	45.1	45.6	-2.6%	-1.3%	46.3
356	2.0	75	5202648	189428	N/A	4	160200	0.0311	0.0336	39.8	47.3	48.0	2.2%	3.7%	46.3
155	2.0	75	2265198	98978	N/A	4	69750	0.0314	0.0373	40.2	47.8	49.5	3.4%	6.9%	46.3
258	2.0	75	3770458	145328	N/A	4	116100	0.0312	0.0347	40.9	48.6	49.6	5.0%	7.1%	46.3
354	2.0	75	5173419	188528	N/A	4	159300	0.0311	0.0336	39.8	47.2	47.9	2.1%	3.6%	46.3
171	2.0	75	2499025	106178	N/A	4	76950	0.0314	0.0366	41.1	48.8	50.3	5.5%	8.8%	46.3
376	2.0	75	5494931	198428	N/A	4	169200	0.0311	0.0335	39.2	46.6	47.2	0.6%	2.0%	46.3
79	2.0	75	1154520	64778	N/A	4	35550	0.0321	0.0435	41.1	49.0	52.4	6.0%	13.3%	46.3
204	2.0	75	2981292	121028	N/A	4	91800	0.0313	0.0357	40.6	48.3	49.5	4.4%	7.1%	46.3
106	2.0	75	1549103	76928	N/A	4	47700	0.0317	0.0402	41.1	48.9	51.4	5.8%	11.2%	46.3
78	2.0	75	1139906	64328	N/A	4	35100	0.0321	0.0436						

86	2.0	75	1256819	67928	N/A	4	38700	0.0320	0.0424	40.9	48.8	51.9	5.5%	12.2%	46.3
126	2.0	75	1841387	85928	N/A	4	56700	0.0316	0.0387	41.1	48.9	51.0	5.7%	10.2%	46.3
337	2.0	75	4924978	180878	N/A	4	151650	0.0311	0.0338	40.1	47.6	48.3	2.8%	4.4%	46.3
323	2.0	75	4720380	174578	N/A	4	143530	0.0311	0.0339	40.1	47.6	48.4	2.9%	4.6%	46.3
101	2.0	75	1476032	74678	N/A	4	45450	0.0318	0.0407	41.1	49.0	51.6	5.8%	11.5%	46.3
79	2.0	75	1154520	64778	N/A	4	35550	0.0321	0.0435	40.6	48.5	51.9	4.9%	12.1%	46.3
235	2.0	75	3434332	134978	N/A	4	105750	0.0312	0.0351	40.2	47.8	48.9	3.3%	5.7%	46.3
272	2.0	75	3975057	151628	N/A	4	122400	0.0312	0.0345	40.0	47.6	48.5	2.8%	4.8%	46.3
319	2.0	75	4661923	172778	N/A	4	143550	0.0311	0.0339	39.2	46.6	47.3	0.7%	2.3%	46.3
334	2.0	75	4881136	179528	N/A	4	150300	0.0311	0.0338	39.7	47.2	47.9	2.0%	3.6%	46.3
102	2.0	75	1490646	75128	N/A	4	45900	0.0318	0.0406	38.1	45.4	47.8	-1.8%	3.4%	46.3
293	2.0	75	4281954	161078	N/A	4	131850	0.0311	0.0342	40.7	48.3	49.2	4.4%	6.3%	46.3
293	2.0	75	4281954	161078	N/A	4	131850	0.0311	0.0342	40.6	48.2	49.0	4.1%	6.0%	46.3
370	2.0	75	5407246	195728	N/A	4	166500	0.0311	0.0335	39.4	46.8	47.5	1.2%	2.6%	46.3
63	2.0	75	920693	57578	N/A	4	28350	0.0324	0.0467	41.0	49.1	53.4	6.1%	15.4%	46.3
368	2.0	75	5378018	194828	N/A	4	165600	0.0311	0.0335	39.5	46.8	47.5	1.2%	2.7%	46.3
297	2.0	75	4340411	162878	N/A	4	133650	0.0311	0.0342	40.6	48.3	49.1	4.3%	6.2%	46.3
373	2.0	75	5451089	197078	N/A	4	167850	0.0311	0.0335	39.3	46.7	47.3	0.9%	2.3%	46.3
202	2.0	75	2952064	120128	N/A	4	90900	0.0313	0.0358	41.0	48.7	50.0	5.3%	8.0%	46.3
306	2.0	75	4471939	166928	N/A	4	137700	0.0311	0.0341	40.5	48.1	48.9	4.0%	5.8%	46.3
362	2.0	75	5290333	192128	N/A	4	162900	0.0311	0.0336	39.7	47.1	47.8	1.8%	3.2%	46.3
197	2.0	75	2878993	117878	N/A	4	88650	0.0313	0.0359	40.9	48.6	50.0	5.2%	8.0%	46.3
83	1.5	75	1212977	66578	N/A	5	51964	0.0428	0.0469	31.7	40.3	41.3	-14.2%	-12.1%	46.9
66	1.5	75	964536	58928	N/A	5	44314	0.0460	0.0510	28.9	37.4	38.6	-20.3%	-17.8%	46.9
383	1.5	75	5597230	201578	N/A	5	186964	0.0334	0.0343	39.6	47.7	47.9	1.6%	2.1%	46.9
123	1.5	75	1797544	84578	N/A	5	69964	0.0389	0.0416	35.4	44.0	44.7	-6.2%	-4.7%	46.9
76	1.5	75	1110678	63428	N/A	5	48814	0.0440	0.0483	30.6	39.2	40.3	-16.4%	-14.2%	46.9
92	1.5	75	1344504	70628	N/A	5	56014	0.0417	0.0453	32.8	41.4	42.3	-11.8%	-9.9%	46.9
354	1.5	75	5173419	188528	N/A	5	173914	0.0336	0.0346	40.3	48.6	48.9	3.5%	4.1%	46.9
186	1.5	75	2718237	112928	N/A	5	98314	0.0362	0.0380	38.1	46.6	47.1	-0.7%	0.3%	46.9
116	1.5	75	1695245	81428	N/A	5	66814	0.0394	0.0423	34.9	43.5	44.3	-7.2%	-5.6%	46.9
111	1.5	75	1622174	79178	N/A	5	64564	0.0398	0.0428	34.6	43.2	44.0	-8.0%	-6.4%	46.9
351	1.5	75	5129577	187178	N/A	5	172564	0.0336	0.0346	40.4	48.6	48.9	3.6%	4.2%	46.9
242	1.5	75	3536631	138128	N/A	5	123514	0.0349	0.0363	39.3	47.7	48.1	1.7%	2.5%	46.9
202	1.5	75	2952064	120128	N/A	5	105514	0.0358	0.0374	38.5	47.0	47.4	0.1%	1.0%	46.9
373	1.5	75	5451089	197078	N/A	5	182464	0.0335	0.0344	40.0	48.2	48.4	2.6%	3.1%	46.9
393	1.5	75	5743372	206078	N/A	5	191464	0.0333	0.0342	39.0	46.9	47.2	0.0%	0.5%	46.9
131	1.5	75	1914457	88178	N/A	5	73564	0.0384	0.0410	35.9	44.5	45.2	-5.2%	-3.8%	46.9
316	1.5	75	4618080	171428	N/A	5	156814	0.0340	0.0350	40.2	48.6	48.9	3.5%	4.1%	46.9
373	1.5	75	5451089	197078	N/A	5	182464	0.0335	0.0344	40.0	48.2	48.4	2.6%	3.1%	46.9
335	1.5	75	4895750	179978	N/A	5	165364	0.0338	0.0348	40.4	48.7	48.9	3.7%	4.3%	46.9
92	1.5	75	1344504	70628	N/A	5	56014	0.0417	0.0453	32.8	41.4	42.3	-11.8%	-9.9%	46.9
196	1.5	75	2864379	117428	N/A	5	102814	0.0359	0.0376	38.4	46.8	47.3	-0.2%	0.8%	46.9
395	1.5	75	5772601	206978	N/A	5	192364	0.0333	0.0342	38.9	46.8	47.0	-0.3%	0.1%	46.9
153	1.5	75	2235969	98078	N/A	5	83464	0.0373	0.0395	37.0	45.5	46.1	-3.0%	-1.8%	46.9
120	1.5	75	1753701	83228	N/A	5	68614	0.0391	0.0419	35.2	43.8	44.6	-6.6%	-5.1%	46.9
350	1.5	75	5114963	186728	N/A	5	172114	0.0337	0.0346	40.4	48.6	48.9	3.6%	4.2%	46.9
217	1.5	75	3171277	126878	N/A	5	112264	0.0354	0.0369	38.8	47.3	47.7	0.8%	1.7%	46.9
116	1.5	75	1695245	81428	N/A	5	66814	0.0394	0.0423	34.9	43.5	44.3	-7.2%	-5.6%	46.9
227	1.5	75	3317419	131378	N/A	5	116764	0.0352	0.0367	39.0	47.5	47.9	1.1%	2.0%	46.9
173	1.5	75	2528253	107078	N/A	5	92464	0.0366	0.0385	37.7	46.2	46.7	-1.5%	-0.4%	46.9
324	1.5	75	4734994	175028	N/A	5	160414	0.0339	0.0349	40.3	48.6	48.9	3.6%	4.2%	46.9
93	1.5	75	1359119	71078	N/A	5	56464	0.0416	0.0451	32.9	41.5	42.4	-11.6%	-9.7%	46.9
137	1.5	75	2002142	90878	N/A	5	76264	0.0381	0.0405	36.2	44.8	45.4	-4.5%	-3.2%	46.9
231	1.5	75	3375875	133178	N/A	5	118564	0.0351	0.0366	39.1	47.5	47.9	1.3%	2.1%	46.9
64	1.5	75	935307	58028	N/A	5	43414	0.0464	0.0516	28.5	37.0	38.2	-21.1%	-18.6%	46.9
258	1.5	75	3770458	145328	N/A	5	130714	0.0347	0.0360	39.6	47.9	48.3	2.2%	2.9%	46.9
323	1.5	75	4720380	174578	N/A	5	159964	0.0339	0.0349	40.3	48.6	48.9	3.6%	4.2%	46.9
169	1.5	75	2469796	105278	N/A	5	90664	0.0367	0.0387	37.6	46.1	46.6	-1.8%	-0.7%	46.9
269	1.5	75	3931214	150278	N/A	5	135664	0.0345	0.0358	39.7	48.1	48.4	2.5%	3.2%	46.9
326	1.5	75	4764222	175928	N/A	5	161314	0.0339	0.0349	40.3	48.6	48.9	3.6%	4.2%	46.9
306	1.5	75	4471939	166928	N/A	5	152314	0.0341	0.0352	40.1	48.5	48.8	3.3%	4.0%	46.9
111	1.5	75	1622174	79178	N/A	5	64564	0.0398	0.0428	34.6	43.2	44.0	-8.0%	-6.4%	46.9
290	1.5	75	4238112	159728	N/A	5	145114	0.0342	0.0354	40.0	44.3	46.6	3.0%	3.7%	46.9
133	1.5	75	1943686	89078	N/A	5	74464	0.0383	0.0408	36.0	44.6	45.3	-5.0%	-3.6%	46.9
360	1.5	75	5261104	191228	N/A	5	176614	0.0336	0.0345	40.3	48.5	48.8	3.4%	4.5%	46.9
128	1.5	75	1870615	86828	N/A	5	72214	0.0386	0.0412	35.7	44.3	45.0	-5.6%	-4.1%	46.9
235	1.5	75	3434332	134978	N/A	5	120364	0.0351	0.0365	39.2	47.6	48.0	1.4%	2.3%	46.9
343	1.5	75	5012663	183578	N/A	5	168964	0.0337	0.0347	40.4	48.7	48.9	3.7%	4.3%	46.9
215	1.5	75	3142048	125978	N/A	5	111364	0.0355	0.0370	38.8	47.2	47.7	0.7%	1.6%	46.9
179	1.5	75	2615938	109778	N/A	5	95164	0.0364	0.0382	37.9	46.4	46.9	-1.1%	-0.1%	46.9
115	1.5	75	1680631	80978	N/A	5	66364	0.0395	0.0424	34.9	43.5	44.2	-7.3%	-5.7%	46.9
72	1.5	75	1052221	61628	N/A	5	47014	0.0447	0.0493	30.0	38.6	39.6	-17.8%	-15.5%	46.9
133	1.5	75	1943686	89078	N/A	5	74464	0.0383	0.0408	36.0	44.6	45.3	-5.0%	-3.6%	46.9
385	1.5	75	5626459	202478	N/A	5	187864	0.0334	0.0343	39.5	47.5	47.8	1.3%	1.8%	46.9
87	1.5	75	1271434	68378	N/A	5	53764	0.0423	0.0461	32.2	40.8	41.7	-13.1%	-11.1%	46.9
294	1.5	75	4296569	161528	N/A	5	146914	0.0342	0.0353	40.0	48.4	48.7	3.1%	3.7%	46.9
47	1.5	75	686866	50378	N/A	5	35764	0.0521	0.0592	24.3	32.7	34.1	-30.4%	-27.3%	46.9
63	1.5	75	920693	57578	N/A	5	42964	0.0467	0.0520	28.3	36.8	38.0	-21.6%	-19.0%	46.9
383	1.5	75	5597230	201578	N/A	5	186964	0.0334	0.0343	39.6	47.7	47.9	1.6%	2.1%	46.9
309	1.5	75	4515781	168278	N/A	5	153664	0.0340	0.0351	40.2	48.5	48.8	3.4%	4.0%	46.9
190	1.5	75	2776694	114728	N/A	5	100114	0.0361	0.0378	38.2	46.7	47.2	-0.5%	0.5%	46.9
192	1.5	75	2805922	115628	N/A	5	101014	0.0360	0.0377	38.3	46.7	47.2	-0.4%	0.6%	46.9
338	1.5	75	4939592	181328	N/A	5	166714	0.0338	0.0347	40.4	48.7	48.9	3.7%	4.3%	46.9
357	1.5	75	5217262	189878	N/A	5	17								

265	1.5	75	3872757	148478	N/A	5	133864	0.0346	0.0358	39.7	48.0	48.4	2.4%	3.1%	46.9
215	1.5	75	3142048	125978	N/A	5	111364	0.0355	0.0370	38.8	47.2	47.7	0.7%	1.6%	46.9
385	1.5	75	5626459	202478	N/A	5	187864	0.0334	0.0343	39.5	47.5	47.8	1.3%	1.8%	46.9
378	1.5	75	5524160	199328	N/A	5	184714	0.0334	0.0343	39.8	47.9	48.2	2.2%	2.7%	46.9
89	1.5	75	1300662	69278	N/A	5	54664	0.0420	0.0458	32.4	41.0	42.0	-12.6%	-10.6%	46.9
94	1.5	75	1373733	71528	N/A	5	56914	0.0414	0.0450	33.0	41.6	42.5	-11.3%	-9.4%	46.9
165	1.5	75	2411339	103478	N/A	5	88864	0.0369	0.0389	37.4	45.9	46.5	-2.1%	-0.9%	46.9
115	1.5	75	1680631	80978	N/A	5	66364	0.0395	0.0424	34.9	43.5	44.2	-7.3%	-5.7%	46.9
284	1.5	75	4150427	157028	N/A	5	142414	0.0343	0.0355	39.9	48.3	48.6	2.8%	3.5%	46.9
111	1.5	75	1622174	79178	N/A	5	64564	0.0398	0.0428	34.6	43.2	44.0	-8.0%	-6.4%	46.9
378	1.5	75	5524160	199328	N/A	5	184714	0.0334	0.0343	39.8	47.9	48.2	2.2%	2.7%	46.9
105	1.5	75	1534489	76478	N/A	5	61864	0.0403	0.0435	34.1	42.7	43.5	-9.1%	-7.3%	46.9
211	1.5	75	3083592	124178	N/A	5	109564	0.0355	0.0371	38.7	47.2	47.6	0.5%	1.4%	46.9
343	1.5	75	5012663	183578	N/A	5	168964	0.0337	0.0347	40.4	48.7	48.9	3.7%	4.3%	46.9
321	1.5	75	4691151	173678	N/A	5	159064	0.0339	0.0350	40.3	48.6	48.9	3.6%	4.2%	46.9
349	1.5	75	5100348	186278	N/A	5	171664	0.0337	0.0346	40.4	48.6	48.9	3.6%	4.2%	46.9
181	1.5	75	2645166	110678	N/A	5	96064	0.0363	0.0382	38.0	46.5	47.0	-1.0%	0.1%	46.9
266	1.5	75	3887372	148928	N/A	5	134314	0.0346	0.0358	39.7	48.0	48.4	2.4%	3.1%	46.9
140	1.5	75	2045985	92228	N/A	5	77614	0.0379	0.0403	36.4	44.9	45.6	-4.2%	-2.9%	46.9
342	1.5	75	4998049	183128	N/A	5	168514	0.0337	0.0347	40.4	48.7	48.9	3.7%	4.3%	46.9
358	1.5	75	5231876	190328	N/A	5	175714	0.0336	0.0345	40.3	48.5	48.8	3.4%	4.0%	46.9
74	1.5	75	1081449	62528	N/A	5	47914	0.0443	0.0488	30.3	38.9	40.0	-17.1%	-14.8%	46.9
349	1.5	75	5100348	186278	N/A	5	171664	0.0337	0.0346	40.4	48.6	48.9	3.6%	4.2%	46.9
292	1.5	75	4267340	160628	N/A	5	146014	0.0342	0.0354	40.0	48.3	48.7	3.0%	3.7%	46.9
343	1.5	75	5012663	183578	N/A	5	168964	0.0337	0.0347	40.4	48.7	48.9	3.7%	4.3%	46.9
179	1.5	75	2615938	109778	N/A	5	95164	0.0364	0.0382	37.9	46.4	46.9	-1.1%	-0.1%	46.9
391	1.5	75	5714144	205178	N/A	5	190564	0.0334	0.0342	39.2	47.1	47.3	0.4%	0.9%	46.9
390	1.5	75	5699530	204728	N/A	5	190114	0.0334	0.0342	39.2	47.2	47.4	0.6%	1.1%	46.9
293	1.5	75	4281954	161078	N/A	5	146464	0.0342	0.0354	40.0	48.4	48.7	3.0%	3.7%	46.9
318	1.5	75	4647309	172328	N/A	5	157714	0.0339	0.0350	40.2	48.6	48.9	3.5%	4.1%	46.9
188	1.5	75	2747466	113828	N/A	5	99214	0.0361	0.0379	38.2	46.6	47.1	-0.6%	0.4%	46.9
383	1.5	75	5597230	201578	N/A	5	186964	0.0334	0.0343	39.6	47.7	47.9	1.6%	2.1%	46.9
202	1.5	75	2952064	120128	N/A	5	105514	0.0358	0.0374	38.5	47.0	47.4	0.1%	1.0%	46.9
182	1.5	75	2659781	111128	N/A	5	96514	0.0363	0.0381	38.0	46.5	47.0	-1.0%	0.1%	46.9
142	1.5	75	2075213	93128	N/A	5	78514	0.0378	0.0402	36.5	45.0	45.7	-4.0%	-2.7%	46.9
62	2.0	75	906079	57128	N/A	5	27900	0.0324	0.0469	35.8	42.8	46.6	-8.8%	-6.6%	46.9
384	2.0	75	5611845	202028	N/A	5	172800	0.0311	0.0334	39.7	47.1	47.7	0.3%	1.7%	46.9
204	2.0	75	2981292	121028	N/A	5	91800	0.0313	0.0357	43.3	51.4	52.8	9.6%	12.4%	46.9
241	2.0	75	3522017	137678	N/A	5	108450	0.0312	0.0349	43.3	51.4	52.5	9.5%	11.9%	46.9
72	2.0	75	1052221	61628	N/A	5	32400	0.0322	0.0447	43.3	51.8	55.7	10.3%	18.7%	46.9
328	2.0	75	4793451	178828	N/A	5	147600	0.0311	0.0338	42.2	50.1	50.9	8.6%	9.5%	46.9
260	2.0	75	3799886	146228	N/A	5	117000	0.0312	0.0346	42.7	50.8	51.8	8.2%	10.4%	46.9
193	2.0	75	2820536	116078	N/A	5	88850	0.0313	0.0360	43.0	51.1	52.5	8.9%	11.9%	46.9
262	2.0	75	3828915	147128	N/A	5	117900	0.0312	0.0346	42.8	50.9	51.9	8.4%	10.6%	46.9
352	2.0	75	5144191	187628	N/A	5	158400	0.0311	0.0336	41.3	49.0	49.8	4.5%	6.1%	46.9
345	2.0	75	5041892	184478	N/A	5	155250	0.0311	0.0337	41.6	49.4	50.1	5.2%	6.8%	46.9
183	2.0	75	2674395	111578	N/A	5	82350	0.0313	0.0363	40.8	48.5	49.9	3.3%	6.2%	46.9
79	2.0	75	1154520	64778	N/A	5	35550	0.0321	0.0435	43.0	51.3	54.9	9.4%	17.0%	46.9
106	2.0	75	1549103	76928	N/A	5	47700	0.0317	0.0402	43.3	51.6	54.2	9.9%	15.5%	46.9
253	2.0	75	3697387	143078	N/A	5	113850	0.0312	0.0348	41.7	49.6	50.6	5.6%	7.8%	46.9
154	2.0	75	2250584	98528	N/A	5	69300	0.0314	0.0373	42.5	50.6	52.3	7.8%	11.5%	46.9
260	2.0	75	3799886	146228	N/A	5	117000	0.0312	0.0346	42.3	50.3	51.3	7.2%	9.3%	46.9
115	2.0	75	1680631	80978	N/A	5	51750	0.0317	0.0395	42.8	51.0	53.4	8.7%	13.8%	46.9
194	2.0	75	2835151	116528	N/A	5	87300	0.0313	0.0360	42.9	51.0	52.4	8.7%	11.7%	46.9
282	2.0	75	4121198	156128	N/A	5	126900	0.0312	0.0343	42.6	50.5	51.5	7.7%	9.7%	46.9
67	2.0	75	979150	59378	N/A	5	30150	0.0323	0.0457	42.9	51.3	55.5	9.3%	18.3%	46.9
98	2.0	75	1432190	73328	N/A	5	44100	0.0318	0.0410	42.4	50.5	53.3	7.6%	13.6%	46.9
165	2.0	75	2411339	103478	N/A	5	74250	0.0314	0.0369	42.7	50.8	52.4	8.3%	11.7%	46.9
342	2.0	75	4998049	183128	N/A	5	153900	0.0311	0.0337	40.8	48.5	49.2	3.3%	4.9%	46.9
271	2.0	75	3960442	151178	N/A	5	121950	0.0312	0.0345	42.7	50.8	51.7	8.2%	10.3%	46.9
81	2.0	75	1183748	65678	N/A	5	36450	0.0320	0.0431	43.0	51.3	54.8	9.3%	16.7%	46.9
96	2.0	75	1402961	72428	N/A	5	43200	0.0318	0.0412	43.0	51.3	54.2	9.3%	15.5%	46.9
314	2.0	75	4588852	170528	N/A	5	141300	0.0311	0.0340	42.3	50.2	51.1	7.0%	8.8%	46.9
231	2.0	75	3375875	133178	N/A	5	103950	0.0312	0.0351	41.8	49.6	50.8	5.8%	8.2%	46.9
277	2.0	75	4048127	153878	N/A	5	124650	0.0312	0.0344	42.8	50.9	51.8	8.4%	10.5%	46.9
61	2.0	75	8914655	56678	N/A	5	27450	0.0324	0.0472	40.7	48.6	53.1	13.1%	31.1%	46.9
283	2.0	75	4135813	156578	N/A	5	127350	0.0312	0.0343	42.6	50.6	51.6	7.8%	9.8%	46.9
128	2.0	75	1870615	86828	N/A	5	57600	0.0316	0.0386	41.7	49.7	51.8	5.9%	10.3%	46.9
299	2.0	75	4369639	163778	N/A	5	134550	0.0311	0.0341	42.0	49.9	50.8	6.3%	8.2%	46.9
193	2.0	75	2820536	116078	N/A	5	88850	0.0313	0.0360	43.3	51.5	52.9	9.7%	12.7%	46.9
237	2.0	75	3463560	135878	N/A	5	106650	0.0312	0.0350	42.8	50.8	51.9	8.3%	10.7%	46.9
94	2.0	75	1373733	71528	N/A	5	42300	0.0319	0.0414	43.2	51.5	54.5	9.7%	16.0%	46.9
286	2.0	75	4179655	157928	N/A	5	128700	0.0311	0.0343	41.6	49.4	50.3	5.2%	7.2%	46.9
230	2.0	75	3361261	132728	N/A	5	103500	0.0312	0.0351	43.2	51.3	52.5	9.3%	11.8%	46.9
318	2.0	75	4647309	172328	N/A	5	143100	0.0311	0.0339	42.1	50.0	50.9	6.6%	8.4%	46.9
271	2.0	75	3960442	151178	N/A	5	121950	0.0312	0.0345	42.8	50.9	51.8	8.4%	10.5%	46.9
346	2.0	75	5056506	184928	N/A	5	155700	0.0311	0.0337	41.0	48.7	49.4	3.7%	5.3%	46.9
116	2.0	75	1695245	81428	N/A	5	52200	0.0317	0.0394	36.6	43.6	45.7	-7.0%	-2.7%	46.9
160	2.0	75	2338269	101228	N/A	5	72000	0.0314	0.0371	43.3	51.5	53.2	9.8%	13.4%	46.9
65	2.0	75	949922	58478	N/A	5	29250	0.0323	0.0462	43.3	51.8	56.2	10.3%	19.7%	46.9
229	2.0	75	3346647	132728	N/A	5	103050	0.0312	0.0352	40.4	48.0	49.1	2.3%	4.7%	46.9
276	2.0	75	4033513	153428	N/A	5	124200	0.0312	0.0344	42.3	50.3	51.3	7.2%	9.2%	46.9
390	2.0	75	5699530	204728	N/A	5	175500	0.0311	0.0334	39.3	46.6	47.3	-0.6%	0.7%	46.9
183	2.0	75	2674395	111578	N/A	5	82350	0.0313	0.0363	43.2					

299	2.0	75	4369639	163778	N/A	5	134550	0.0311	0.0341	41.5	49.2	50.1	4.9%	6.8%	46.9
111	2.0	75	1622174	79178	N/A	5	49950	0.0317	0.0398	42.9	51.1	53.6	9.0%	14.3%	46.9
390	2.0	75	5699530	204728	N/A	5	175500	0.0311	0.0334	39.3	46.7	47.3	-0.5%	0.8%	46.9
116	2.0	75	1695245	81428	N/A	5	52200	0.0317	0.0394	43.3	51.6	54.0	9.9%	15.0%	46.9
158	2.0	75	2309040	100328	N/A	5	71100	0.0314	0.0371	43.3	51.5	53.2	9.8%	13.5%	46.9
127	2.0	75	1856001	86378	N/A	5	57150	0.0316	0.0387	43.3	51.6	53.7	9.9%	14.5%	46.9
365	2.0	75	5334175	193478	N/A	5	164250	0.0311	0.0335	40.7	48.3	49.0	2.9%	4.4%	46.9
378	2.0	75	5524160	199328	N/A	5	170100	0.0311	0.0334	40.0	47.4	48.1	1.1%	2.5%	46.9
112	2.0	75	1636788	79628	N/A	5	50400	0.0317	0.0397	41.4	49.3	51.7	5.0%	10.1%	46.9
353	2.0	75	5158805	188078	N/A	5	158850	0.0311	0.0336	41.1	48.8	49.5	4.0%	5.6%	46.9
203	2.0	75	2966678	120578	N/A	5	91350	0.0313	0.0357	41.3	49.1	50.4	4.6%	7.4%	46.9
174	2.0	75	2542867	107528	N/A	5	78300	0.0314	0.0365	41.1	48.9	50.4	4.1%	7.3%	46.9
114	2.0	75	1666016	80528	N/A	5	51300	0.0317	0.0396	43.3	51.6	54.0	9.9%	15.1%	46.9
357	2.0	75	5217262	189878	N/A	5	160650	0.0311	0.0336	40.6	48.3	49.0	2.8%	4.3%	46.9
111	2.0	75	1622174	79178	N/A	5	49950	0.0317	0.0398	43.3	51.6	54.1	10.0%	15.3%	46.9
283	2.0	75	4135813	156578	N/A	5	127350	0.0312	0.0343	42.3	50.2	51.1	6.9%	8.9%	46.9
90	2.0	75	1315276	69728	N/A	5	40500	0.0319	0.0419	35.8	42.7	45.3	-9.0%	-3.5%	46.9
91	2.0	75	1329890	70178	N/A	5	40950	0.0319	0.0418	43.3	51.6	54.7	10.0%	16.5%	46.9
283	2.0	75	4135813	156578	N/A	5	127350	0.0312	0.0343	43.0	51.1	52.0	8.8%	10.8%	46.9
311	2.0	75	4545010	169178	N/A	5	139950	0.0311	0.0340	41.2	48.9	49.7	4.2%	5.9%	46.9
147	2.0	75	2148284	95378	N/A	5	66150	0.0315	0.0376	43.3	51.5	53.4	9.8%	13.8%	46.9
144	2.0	75	2104442	94028	N/A	5	64800	0.0315	0.0377	42.8	51.0	52.9	8.6%	12.6%	46.9
288	2.0	75	4208883	158828	N/A	5	129600	0.0311	0.0343	40.7	48.3	49.2	2.9%	4.8%	46.9
98	2.0	75	1432190	73328	N/A	5	44100	0.0318	0.0410	34.9	41.6	43.9	-11.4%	-6.5%	46.9
199	2.0	75	2908222	118778	N/A	5	89550	0.0313	0.0358	42.5	50.5	51.9	7.7%	10.5%	46.9
362	2.0	75	5290333	192128	N/A	5	162900	0.0311	0.0336	41.1	48.8	49.5	4.0%	5.5%	46.9
85	2.0	75	1242205	67478	N/A	5	38250	0.0320	0.0426	43.3	51.7	55.0	10.1%	17.2%	46.9
340	2.0	75	4968821	182228	N/A	5	153000	0.0311	0.0337	40.9	48.5	49.3	3.4%	4.9%	46.9
169	2.0	75	2469796	105278	N/A	5	76050	0.0314	0.0367	43.3	51.4	53.1	9.6%	13.1%	46.9
257	2.0	75	3755844	144878	N/A	5	115650	0.0312	0.0347	43.2	51.3	52.3	9.3%	11.5%	46.9
97	2.0	75	1417575	72878	N/A	5	43650	0.0318	0.0411	43.3	51.6	54.5	10.0%	16.2%	46.9
293	2.0	75	4281954	161078	N/A	5	131850	0.0311	0.0342	40.5	48.1	48.9	2.4%	4.3%	46.9
171	2.0	75	2499025	106178	N/A	5	76950	0.0314	0.0366	43.3	51.5	53.1	9.8%	13.2%	46.9
321	2.0	75	4691151	173678	N/A	5	144450	0.0311	0.0339	42.2	50.2	51.0	6.9%	8.6%	46.9
216	2.0	75	3156663	126428	N/A	5	97200	0.0313	0.0354	43.2	51.3	52.6	9.4%	12.1%	46.9
257	2.0	75	3755844	144878	N/A	5	115650	0.0312	0.0347	42.6	50.6	51.6	7.8%	10.1%	46.9
335	2.0	75	4895750	179978	N/A	5	150750	0.0311	0.0338	41.6	49.4	50.2	5.3%	6.9%	46.9
301	2.0	75	4398868	164678	N/A	5	135450	0.0311	0.0341	40.3	47.9	48.7	2.0%	3.8%	46.9
42	2.0	75	613796	48128	N/A	5	18900	0.0332	0.0546	43.3	52.0	59.2	10.9%	26.0%	46.9
302	2.0	75	4413482	165128	N/A	5	135900	0.0311	0.0341	41.4	49.2	50.0	4.8%	6.6%	46.9
298	2.0	75	4355025	163328	N/A	5	134100	0.0311	0.0342	42.9	51.0	51.8	6.6%	10.5%	46.9
305	2.0	75	4457325	186478	N/A	5	137250	0.0311	0.0341	40.8	48.5	49.3	3.2%	5.0%	46.9
375	2.0	75	5480317	197978	N/A	5	168750	0.0311	0.0335	40.4	47.9	48.6	2.1%	3.5%	46.9
130	2.0	75	1899843	87728	N/A	5	58500	0.0316	0.0385	40.1	47.8	49.7	1.8%	6.0%	46.9
353	2.0	75	5158805	188078	N/A	5	158850	0.0311	0.0336	40.8	48.4	49.2	3.2%	4.8%	46.9
329	2.0	75	4808065	177278	N/A	5	148050	0.0311	0.0338	42.3	50.3	51.1	7.1%	8.8%	46.9
316	2.0	75	4618080	171428	N/A	5	142200	0.0311	0.0340	42.3	50.2	51.0	6.9%	8.7%	46.9
254	2.0	75	3712001	143528	N/A	5	114300	0.0312	0.0347	41.6	49.4	50.4	5.3%	7.5%	46.9
225	1.5	46	1236944	73095	1600.0	ertical transe	67598	0.0547	0.0561	52.3	71.4	72.1	0.2%	1.1%	71.3
264	1.5	42	1209914	75694	1600.0	ertical transe	71111	0.0588	0.0601	49.6	69.5	70.0	-0.9%	-0.1%	70.1
111	1.5	67	1294567	67948	1600.0	ertical transe	56285	0.0435	0.0465	59.3	75.8	77.1	0.2%	2.0%	75.6
357	1.5	60	3339048	147226	1600.0	ertical transe	137873	0.0413	0.0422	59.8	75.4	75.8	0.3%	0.9%	75.1
238	1.5	51	1608308	86343	1600.0	ertical transe	79586	0.0495	0.0509	55.2	73.0	73.7	0.1%	1.0%	72.9
291	1.5	57	2456375	116404	1600.0	ertical transe	107963	0.0440	0.0451	58.3	74.6	75.1	0.3%	0.9%	74.4
183	1.5	42	838690	55282	1600.0	ertical transe	50699	0.0605	0.0623	49.5	70.1	70.9	0.1%	1.3%	70.0
140	1.5	42	641621	44446	1600.0	ertical transe	39863	0.0621	0.0645	49.0	70.1	71.1	0.1%	1.6%	70.0
134	1.5	55	1053130	59938	1600.0	ertical transe	52079	0.0495	0.0520	55.7	73.7	74.8	0.2%	1.7%	73.6
285	1.5	49	1777825	96266	1600.0	ertical transe	90028	0.0507	0.0518	54.4	72.5	73.0	0.2%	0.9%	72.4
64	1.5	61	618716	42759	1600.0	ertical transe	33091	0.0535	0.0587	54.4	73.7	76.2	-1.5%	1.7%	74.9
163	1.5	42	747030	50242	1600.0	ertical transe	45659	0.0611	0.0632	49.3	70.1	71.0	0.1%	1.4%	70.0
191	1.5	54	1447014	77036	1600.0	ertical transe	69460	0.0480	0.0498	56.2	73.7	74.5	0.3%	1.4%	73.5
236	1.5	57	1992111	97594	1600.0	ertical transe	89153	0.0448	0.0462	57.6	74.1	74.8	0.0%	0.9%	74.1
134	1.5	41	585227	41699	1600.0	ertical transe	37331	0.0638	0.0663	48.2	69.7	70.8	0.0%	1.6%	69.7
140	1.5	70	1782280	84261	1600.0	ertical transe	71531	0.0401	0.0425	61.1	76.7	77.6	0.4%	1.9%	76.2
233	1.5	44	1171961	71572	1600.0	ertical transe	68542	0.0568	0.0582	51.1	71.7	71.3	-0.1%	0.8%	70.7
361	1.5	54	2734932	132116	1600.0	ertical transe	124540	0.0455	0.0465	57.2	74.0	74.4	0.3%	0.8%	73.8
131	1.5	61	1266435	67281	1600.0	ertical transe	57613	0.0455	0.0480	58.0	74.9	76.1	-0.4%	1.2%	75.2
52	1.5	60	486360	37426	1600.0	ertical transe	28073	0.0577	0.0641	52.4	73.0	76.0	-2.0%	2.1%	74.5
159	1.5	56	1295463	69719	1600.0	ertical transe	61572	0.0475	0.0496	56.6	74.1	75.0	-0.3%	1.0%	74.3
333	1.5	53	2430233	120490	1600.0	ertical transe	113192	0.0466	0.0476	56.6	73.6	74.1	0.2%	0.8%	73.5
101	1.5	54	765175	47876	1600.0	ertical transe	40300	0.0527	0.0560	54.2	73.2	74.7	-0.4%	1.7%	73.5
259	1.5	40	1076643	70474	1600.0	ertical transe	66317	0.0616	0.0629	47.7	68.1	68.6	-1.9%	-1.1%	69.4
125	1.5	57	1055144	59632	1600.0	ertical transe	51191	0.0485	0.0512	56.3	74.1	75.3	-0.5%	1.1%	74.5
223	2.0	50	1448427	79890	1600.0	ertical transe	66900	0.0463	0.0507	55.3	71.8	73.7	-0.9%	1.7%	72.5
238	2.0	44	1197110	72892	1600.0	ertical transe	62832	0.0526	0.0567	50.6	68.3	70.0	-3.4%	-0.9%	70.7
149	2.0	46	819132	52119	1600.0	ertical transe	41124	0.0504	0.0569	53.7	71.4	74.3	0.3%	4.4%	71.2
251	2.0	48	1502478	84260	1600.0	ertical transe	72288	0.0482	0.0521	52.8	69.3	71.0	-3.6%	-1.3%	71.9
264	2.0	57	2228463	107170	1600.0	ertical transe	90288	0.0406	0.0443	59.6	74.9	76.5	0.6%	2.8%	74.4
59	2.0	42	270397	24034	1600.0	ertical transe	14868	0.0553	0.0719	51.3	70.4	78.2	0.5%	11.6%	70.0
54	2.0	40	224474	21274	1600.0	ertical transe	12960	0.0581	0.0763	48.8	68.1	76.5	-1.8%	10.3%	69.4
235	2.0	39	928643	62893	1600.0	ertical transe	54990	0.0593	0.0635	48.7	68.5	70.3	-0.8%	1.9%	69.0
76	2.0	62	759012	48246	1600.0	ertical transe	28272	0.0375	0.0504	61.9	76.3	82.4	1.4%	9.5%	75.2
193	2.0	55	15												

74	2.0	52	519865	37138	1600.0	ertical transe	23088	0.0447	0.0579	57.4	73.8	80.0	1.0%	9.5%	73.0
185	2.0	55	1453948	76768	1600.0	ertical transe	61050	0.0421	0.0474	57.5	72.8	75.2	-0.9%	2.3%	73.5
184	2.0	57	1553172	79810	1600.0	ertical transe	62928	0.0406	0.0460	58.7	73.7	76.1	-0.4%	2.8%	74.0
66	2.0	53	481668	35584	1600.0	ertical transe	20988	0.0439	0.0587	57.4	73.5	80.4	0.1%	9.6%	73.4
131	2.0	55	1029553	58948	1600.0	ertical transe	43230	0.0422	0.0496	58.0	73.4	76.8	-0.8%	3.7%	74.0
69	2.0	57	582439	40480	1600.0	ertical transe	23598	0.0408	0.0550	59.7	75.0	81.7	0.9%	9.9%	74.3
57	2.0	66	645082	45206	1600.0	ertical transe	22572	0.0354	0.0525	61.2	74.5	82.5	-1.8%	8.8%	75.9
67	2.0	42	307061	26050	1600.0	ertical transe	16884	0.0553	0.0699	51.3	70.4	77.2	0.4%	10.1%	70.1
187	2.0	49	1166502	67454	1600.0	ertical transe	54978	0.0472	0.0525	55.7	72.8	75.1	0.6%	3.8%	72.4
170	2.0	52	1194284	67090	1600.0	ertical transe	53040	0.0445	0.0503	56.6	72.7	75.2	-0.6%	2.9%	73.1
75	2.0	59	676293	44638	1600.0	ertical transe	26550	0.0394	0.0525	60.7	75.6	81.8	0.9%	9.2%	74.9
56	1.5	46	307862	26451	1400.0	ertical transe	20954	0.0681	0.0740	40.8	60.6	63.0	-1.0%	2.9%	67.2
180	1.5	42	824941	54526	1400.0	ertical transe	49943	0.0606	0.0624	42.2	59.8	60.5	0.1%	1.2%	59.8
120	1.5	67	1398532	71566	1400.0	ertical transe	59903	0.0428	0.0456	52.8	67.1	68.2	0.6%	2.3%	66.7
110	1.5	60	1028838	59306	1400.0	ertical transe	48953	0.0476	0.0506	49.9	65.3	66.5	-1.3%	0.6%	66.1
233	1.5	51	1574520	84813	1400.0	ertical transe	78056	0.0496	0.0510	47.8	63.2	63.8	0.2%	1.1%	63.1
74	1.5	57	624645	42190	1400.0	ertical transe	33749	0.0540	0.0585	46.8	63.7	65.5	-2.2%	0.6%	65.1
59	1.5	42	270397	24034	1400.0	ertical transe	19451	0.0719	0.0776	39.1	59.6	61.9	-0.3%	3.5%	59.8
115	1.5	42	527046	38146	1400.0	ertical transe	33563	0.0637	0.0666	41.4	59.8	60.9	0.0%	1.9%	59.8
172	1.5	55	1351779	72478	1400.0	ertical transe	64619	0.0478	0.0498	49.1	64.3	65.1	0.6%	1.8%	64.0
263	1.5	49	1640589	89798	1400.0	ertical transe	83560	0.0509	0.0522	46.8	62.6	63.0	0.2%	1.0%	62.4
103	1.5	61	995746	57033	1400.0	ertical transe	47365	0.0476	0.0508	50.0	65.4	66.7	-0.5%	1.5%	65.7
98	1.5	42	449135	33862	1400.0	ertical transe	29279	0.0652	0.0686	41.0	59.8	61.1	-0.1%	2.1%	59.8
176	1.5	54	1333374	72176	1400.0	ertical transe	64600	0.0485	0.0504	48.7	64.1	64.8	0.4%	1.5%	63.9
139	1.5	57	1173320	64420	1400.0	ertical transe	55979	0.0477	0.0501	49.5	64.8	65.7	0.2%	1.6%	64.7
159	1.5	41	694411	47849	1400.0	ertical transe	43481	0.0626	0.0647	41.4	59.5	60.3	0.0%	1.3%	59.5
209	1.5	70	2660690	113241	1400.0	ertical transe	100511	0.0378	0.0394	54.5	67.2	67.9	-0.5%	0.5%	67.6
76	1.5	44	382271	30124	1400.0	ertical transe	25094	0.0657	0.0700	41.2	60.3	62.0	-0.4%	2.5%	60.5
89	1.5	54	674263	43988	1400.0	ertical transe	36412	0.0540	0.0578	46.5	63.3	64.8	-1.4%	0.9%	64.2
191	1.5	61	1846481	89241	1400.0	ertical transe	79573	0.0431	0.0448	52.0	66.3	67.0	0.1%	1.2%	66.2
205	1.5	60	1917380	92506	1400.0	ertical transe	83153	0.0434	0.0450	50.2	64.0	64.7	-1.7%	-0.8%	65.2
92	1.5	56	749576	47207	1400.0	ertical transe	39060	0.0521	0.0557	47.5	63.9	65.3	-1.5%	0.7%	64.9
132	1.5	53	963335	56572	1400.0	ertical transe	49274	0.0512	0.0537	47.5	63.5	64.5	-0.4%	1.1%	63.8
107	1.5	54	810631	49820	1400.0	ertical transe	42244	0.0521	0.0552	47.3	63.6	64.8	-0.4%	1.5%	63.8
141	1.5	40	586126	42154	1400.0	ertical transe	37997	0.0648	0.0672	40.6	59.1	60.0	0.0%	1.5%	59.1
195	1.5	57	1646024	83572	1400.0	ertical transe	75131	0.0457	0.0474	50.4	65.1	65.8	-0.1%	1.0%	65.2
68	2.0	50	441673	33390	1400.0	ertical transe	20400	0.0465	0.0609	48.1	62.5	65.3	-0.1%	9.1%	62.5
81	2.0	44	407420	31444	1400.0	ertical transe	21384	0.0527	0.0648	45.1	60.8	68.6	0.6%	8.5%	60.5
103	2.0	46	566246	39423	1400.0	ertical transe	28428	0.0504	0.0599	46.1	61.4	65.1	0.5%	6.6%	61.1
218	2.0	48	1304941	74758	1400.0	ertical transe	62784	0.0482	0.0527	46.8	61.5	63.2	-0.6%	2.1%	61.9
252	2.0	57	2127170	103066	1400.0	ertical transe	86184	0.0406	0.0445	52.4	65.7	67.3	0.9%	3.3%	65.1
208	2.0	42	953265	61582	1400.0	ertical transe	52416	0.0551	0.0598	42.9	58.8	60.5	-1.7%	1.2%	59.8
62	2.0	40	257729	23194	1400.0	ertical transe	14880	0.0581	0.0739	42.4	59.2	65.4	0.1%	10.7%	59.1
190	2.0	39	750818	52363	1400.0	ertical transe	44460	0.0593	0.0645	41.4	58.2	60.1	-1.0%	2.3%	58.8
183	2.0	62	1827622	88050	1400.0	ertical transe	68076	0.0374	0.0427	54.3	66.9	69.0	0.9%	4.2%	66.2
233	2.0	55	1831189	92608	1400.0	ertical transe	76890	0.0421	0.0463	51.5	65.2	66.9	1.0%	3.6%	64.6
62	2.0	58	541876	39056	1400.0	ertical transe	21576	0.0402	0.0560	51.6	64.6	71.0	-1.2%	8.7%	65.3
287	2.0	61	2774556	124377	1400.0	ertical transe	105042	0.0379	0.0414	54.1	66.8	68.1	0.8%	2.8%	66.3
324	2.0	56	2639812	125159	1400.0	ertical transe	108864	0.0413	0.0443	50.9	64.1	65.3	-1.0%	0.8%	64.7
76	2.0	46	417812	31971	1400.0	ertical transe	20976	0.0505	0.0634	46.3	61.7	66.8	0.6%	9.0%	61.3
113	2.0	52	793847	49306	1400.0	ertical transe	35256	0.0446	0.0533	49.9	64.1	67.6	1.3%	6.8%	63.3
124	2.0	55	974538	56638	1400.0	ertical transe	40920	0.0422	0.0501	51.2	64.8	68.0	1.5%	6.4%	63.8
129	2.0	57	1088908	61000	1400.0	ertical transe	44118	0.0407	0.0483	50.6	63.5	66.4	-1.6%	3.0%	64.5
149	2.0	53	1087401	61978	1400.0	ertical transe	47382	0.0437	0.0503	50.4	64.5	67.1	1.2%	5.2%	63.8
376	2.0	55	2955052	139798	1400.0	ertical transe	124080	0.0421	0.0447	50.9	64.4	65.4	-0.2%	1.4%	64.5
205	2.0	57	1730436	86992	1400.0	ertical transe	70110	0.0406	0.0454	52.4	65.8	67.7	1.2%	4.2%	65.0
240	2.0	66	2716133	117674	1400.0	ertical transe	95040	0.0351	0.0392	55.0	66.8	68.5	-0.4%	2.0%	67.1
191	2.0	42	875354	57298	1400.0	ertical transe	48132	0.0551	0.0602	43.6	59.7	61.6	-0.2%	3.0%	59.8
361	2.0	49	2251911	118610	1400.0	ertical transe	106134	0.0472	0.0499	46.8	61.1	62.1	-2.1%	-0.5%	62.4
252	2.0	52	1770350	92674	1400.0	ertical transe	78624	0.0445	0.0484	48.9	62.8	64.3	-0.9%	1.5%	63.4
304	2.0	59	2749347	125704	1400.0	ertical transe	107616	0.0392	0.0424	53.4	66.5	67.7	1.1%	3.0%	65.8
242	1.5	46	1330402	77787	1200.0	ertical transe	72290	0.0543	0.0557	39.5	53.9	54.3	-0.7%	0.1%	54.3
240	1.5	42	1099922	69646	1200.0	ertical transe	65063	0.0592	0.0606	37.8	53.1	53.6	0.4%	0.4%	53.3
41	1.5	67	478173	39808	1200.0	ertical transe	28145	0.0589	0.0670	40.7	57.1	60.1	-3.5%	1.5%	59.2
165	1.5	60	1543257	78106	1200.0	ertical transe	638753	0.0446	0.0466	45.3	58.2	59.9	-0.4%	0.6%	58.4
126	1.5	51	851457	52071	1200.0	ertical transe	45314	0.0532	0.0559	41.0	55.5	56.5	-0.3%	0.5%	55.7
91	1.5	57	768145	48004	1200.0	ertical transe	39563	0.0515	0.0552	42.4	56.8	58.1	-1.3%	1.0%	57.5
84	1.5	42	384973	30334	1200.0	ertical transe	25751	0.0669	0.0709	36.3	53.5	54.9	0.3%	2.9%	53.4
128	1.5	42	586625	41422	1200.0	ertical transe	36839	0.0628	0.0654	37.1	53.3	54.2	-0.1%	1.6%	53.4
194	1.5	55	1524681	79738	1200.0	ertical transe	71879	0.0472	0.0489	43.4	56.6	57.2	0.2%	1.2%	56.5
59	1.5	49	368041	29822	1200.0	ertical transe	23584	0.0641	0.0697	37.8	54.8	56.8	-0.6%	3.1%	55.1
63	1.5	61	609049	42393	1200.0	ertical transe	32725	0.0537	0.0590	42.0	57.0	58.9	-2.0%	1.3%	58.1
182	1.5	42	834107	55030	1200.0	ertical transe	50447	0.0605	0.0623	37.6	53.2	53.9	-0.2%	0.9%	53.4
113	1.5	54	856087	51764	1200.0	ertical transe	44188	0.0516	0.0546	42.0	56.3	57.3	-0.2%	1.6%	56.4
291	1.5	57	1021379	58264	1200.0	ertical transe	49823	0.0488	0.0515	43.3	57.1	58.1	-0.1%	1.6%	57.2
128	1.5	41	1301475	82043	1200.0	ertical transe	77675	0.0597	0.0608	37.5	52.8	53.2	-0.5%	0.2%	53.1
178	1.5	70	2266042	100221	1200.0	ertical transe	87491	0.0386	0.0405	48.9	60.6	61.3	0.9%	2.0%	60.1
145	1.5	44	729332	48340	1200.0	ertical transe	43310	0.0594	0.0617	38.2	53.8	54.6	0.0%	1.4%	53.8
125	1.5	54	946999	56552	1200.0	ertical transe	48076	0.0508	0.0534	42.2	56.3	57.3	-0.5%	1.1%	56.6
235	1.5	61	2271849	105345	1200.0	ertical transe	95677	0.0421	0.0435	46.4	58.8	59.3	0.4%	1.2%	58.6
40	1.5	60	374123	31106	1200.0	ertical transe	23753								

152	2.0	44	764541	50188	1200.0	ertical transe	40128	0.0526	0.0591	39.6	53.4	55.5	-0.8%	3.3%	53.8
175	2.0	46	962068	59295	1200.0	ertical transe	48300	0.0503	0.0559	39.9	53.1	55.0	-2.0%	1.4%	54.2
204	2.0	48	1221137	70724	1200.0	ertical transe	58752	0.0482	0.0530	41.0	53.8	55.4	-1.7%	1.2%	54.8
44	2.0	57	371411	31930	1200.0	ertical transe	15048	0.0410	0.0633	40.2	50.6	58.0	-12.0%	0.8%	57.5
55	2.0	42	252065	23026	1200.0	ertical transe	13860	0.0554	0.0732	38.1	52.2	58.5	-2.2%	9.5%	53.4
200	2.0	40	831384	56314	1200.0	ertical transe	48000	0.0579	0.0628	37.6	52.4	54.0	-1.0%	2.1%	52.9
253	2.0	39	999774	67105	1200.0	ertical transe	59202	0.0593	0.0632	36.6	51.4	52.7	-2.5%	-0.1%	52.8
56	2.0	62	559272	40806	1200.0	ertical transe	20832	0.0376	0.0551	48.3	59.5	66.1	1.5%	12.8%	58.6
183	2.0	55	1438230	76108	1200.0	ertical transe	60390	0.0421	0.0475	43.9	55.6	57.4	-2.4%	0.7%	56.9
51	2.0	58	445736	35228	1200.0	ertical transe	17748	0.0402	0.0594	44.2	55.3	62.2	-4.2%	7.7%	57.7
64	2.0	61	618716	42759	1200.0	ertical transe	23424	0.0382	0.0535	48.1	59.6	65.3	1.6%	11.4%	58.6
116	2.0	56	945118	55271	1200.0	ertical transe	38976	0.0414	0.0499	45.8	57.8	60.8	1.1%	6.4%	57.1
119	2.0	46	654206	43839	1200.0	ertical transe	32844	0.0504	0.0586	40.8	54.3	57.1	0.1%	5.3%	54.3
213	2.0	52	1496367	80506	1200.0	ertical transe	66456	0.0445	0.0491	43.4	55.7	57.3	-0.2%	2.6%	55.9
69	2.0	55	542283	38488	1200.0	ertical transe	22770	0.0423	0.0565	42.7	54.1	59.0	-4.2%	4.5%	56.4
217	2.0	57	1831729	91096	1200.0	ertical transe	74214	0.0406	0.0451	43.9	55.1	56.6	-3.3%	-0.7%	57.0
289	2.0	53	2109121	106498	1200.0	ertical transe	91902	0.0437	0.0470	43.9	56.2	57.3	-0.2%	1.9%	56.2
259	2.0	55	2035528	101188	1200.0	ertical transe	85470	0.0421	0.0459	45.3	57.3	58.6	0.7%	3.0%	56.9
176	2.0	57	1485642	77074	1200.0	ertical transe	60192	0.0406	0.0462	46.2	58.0	59.9	1.0%	4.4%	57.4
175	2.0	66	1980513	91934	1200.0	ertical transe	69300	0.0351	0.0407	49.8	60.6	62.6	1.7%	5.1%	59.6
154	2.0	42	705783	47974	1200.0	ertical transe	38808	0.0551	0.0615	38.1	52.2	54.3	-2.1%	1.9%	53.3
336	2.0	49	2095962	111260	1200.0	ertical transe	98784	0.0472	0.0501	41.5	54.2	55.1	-1.7%	0.0%	55.1
118	2.0	52	828973	50866	1200.0	ertical transe	36816	0.0446	0.0529	41.5	53.3	56.1	-4.7%	0.2%	55.9
359	2.0	59	3246761	145174	1200.0	ertical transe	127086	0.0392	0.0419	46.6	58.0	59.0	-0.1%	1.5%	58.1
210	1.5	46	1154481	68955	1000.0	ertical transe	63458	0.0550	0.0566	35.5	48.6	49.1	-0.5%	0.4%	48.9
195	1.5	42	893686	58306	1000.0	ertical transe	53723	0.0601	0.0618	34.2	48.4	48.9	-0.5%	0.6%	48.6
114	1.5	67	1329555	69154	1000.0	ertical transe	57491	0.0432	0.0462	40.5	51.6	52.5	0.2%	1.9%	51.5
199	1.5	60	1861262	90346	1000.0	ertical transe	80993	0.0435	0.0452	39.8	50.8	51.3	0.0%	1.0%	50.8
100	1.5	51	675760	44115	1000.0	ertical transe	37358	0.0553	0.0586	36.1	49.5	50.5	0.4%	2.5%	49.3
140	1.5	57	1181761	64762	1000.0	ertical transe	56321	0.0477	0.0501	38.3	50.2	50.9	-0.1%	1.4%	50.2
197	1.5	42	902852	58810	1000.0	ertical transe	54227	0.0601	0.0618	34.2	48.4	48.9	-0.7%	0.4%	48.7
225	1.5	42	1031176	65866	1000.0	ertical transe	61283	0.0594	0.0609	34.0	47.9	48.3	-1.8%	-0.9%	48.8
144	1.5	55	1131722	63238	1000.0	ertical transe	55379	0.0489	0.0513	37.8	49.9	50.6	-0.1%	1.4%	49.9
70	1.5	49	436659	33056	1000.0	ertical transe	26818	0.0614	0.0662	34.8	49.6	51.1	1.1%	4.2%	49.0
217	1.5	61	2097835	98757	1000.0	ertical transe	89089	0.0425	0.0440	39.9	50.6	51.1	-0.3%	0.6%	50.8
155	1.5	42	710366	48226	1000.0	ertical transe	43643	0.0615	0.0636	34.1	48.5	49.2	-0.3%	1.0%	48.7
215	1.5	54	1628838	84812	1000.0	ertical transe	77236	0.0474	0.0490	38.0	49.7	50.1	-0.2%	0.7%	49.8
83	1.5	57	709615	45268	1000.0	ertical transe	36827	0.0526	0.0566	37.2	50.2	51.4	0.0%	2.5%	50.2
318	1.5	41	1389822	86963	1000.0	ertical transe	82595	0.0595	0.0605	34.1	47.9	48.2	-1.1%	-0.4%	48.4
65	1.5	70	827487	52761	1000.0	ertical transe	40031	0.0484	0.0535	39.2	51.5	53.2	-1.1%	2.1%	52.1
58	1.5	44	291733	25372	1000.0	ertical transe	20342	0.0697	0.0755	33.1	49.7	51.6	1.9%	5.8%	48.8
331	1.5	54	2507653	122396	1000.0	ertical transe	114820	0.0458	0.0468	38.4	49.7	50.0	-0.1%	0.5%	49.7
81	1.5	61	783063	48981	1000.0	ertical transe	39313	0.0502	0.0543	38.1	50.6	51.9	-0.6%	2.0%	50.9
105	1.5	60	982073	56506	1000.0	ertical transe	47153	0.0480	0.0512	38.5	50.6	51.5	0.0%	1.9%	50.6
393	1.5	56	3201994	148343	1000.0	ertical transe	140196	0.0438	0.0446	39.1	50.0	50.2	-0.2%	0.3%	50.1
338	1.5	53	2466723	122080	1000.0	ertical transe	114782	0.0465	0.0475	38.0	49.4	49.7	-0.3%	0.3%	49.6
135	1.5	54	1022759	58892	1000.0	ertical transe	51316	0.0502	0.0527	37.4	49.8	50.5	0.0%	1.5%	49.8
238	1.5	40	989347	65434	1000.0	ertical transe	61277	0.0620	0.0634	33.7	48.1	48.6	-1.0%	-0.1%	48.6
337	1.5	57	2844667	132136	1000.0	ertical transe	123695	0.0435	0.0445	39.3	50.2	50.5	0.0%	0.6%	50.2
112	2.0	50	727461	46590	1000.0	ertical transe	33600	0.0464	0.0551	37.7	48.9	51.6	-0.7%	4.7%	49.3
42	2.0	44	211255	21148	1000.0	ertical transe	11088	0.0530	0.0763	35.1	47.4	55.0	-2.7%	12.8%	48.8
54	2.0	46	296867	25899	1000.0	ertical transe	14904	0.0506	0.0687	36.2	48.3	54.1	-1.6%	10.2%	49.0
225	2.0	48	1346843	76772	1000.0	ertical transe	64800	0.0482	0.0526	36.6	48.1	49.4	-2.1%	0.6%	49.1
302	2.0	57	2549227	120166	1000.0	ertical transe	103284	0.0406	0.0438	39.9	50.1	51.1	-0.3%	1.6%	50.2
187	2.0	42	857022	56290	1000.0	ertical transe	47124	0.0551	0.0603	34.7	47.6	49.1	-2.4%	0.8%	48.7
271	2.0	40	1126526	73354	1000.0	ertical transe	65040	0.0578	0.0614	34.0	47.4	48.5	-2.3%	0.0%	48.5
74	2.0	39	292424	25219	1000.0	ertical transe	17316	0.0595	0.0727	33.9	47.7	51.9	-1.8%	6.9%	48.6
180	2.0	62	1797661	86934	1000.0	ertical transe	66960	0.0374	0.0428	41.3	50.9	52.6	-0.2%	3.0%	51.0
434	2.0	55	3410884	158938	1000.0	ertical transe	143220	0.0420	0.0443	38.5	48.7	49.4	-2.3%	-1.0%	49.9
154	2.0	58	1345949	71072	1000.0	ertical transe	53592	0.0400	0.0463	39.8	49.7	51.6	-1.3%	2.5%	50.4
70	2.0	61	676721	44955	1000.0	ertical transe	25620	0.0382	0.0522	41.4	51.3	55.8	0.7%	9.5%	50.9
153	2.0	56	1246578	67703	1000.0	ertical transe	51408	0.0414	0.0478	39.3	49.5	51.5	-1.0%	2.8%	50.1
260	2.0	46	1429358	82755	1000.0	ertical transe	71760	0.0503	0.0541	36.0	47.9	49.0	-1.8%	0.6%	48.7
277	2.0	52	1945980	100474	1000.0	ertical transe	86424	0.0445	0.0480	37.2	47.8	48.8	-3.4%	-1.4%	49.5
184	2.0	55	1446099	76438	1000.0	ertical transe	60720	0.0421	0.0474	38.1	48.3	49.9	-3.2%	0.1%	49.9
62	2.0	57	523351	38086	1000.0	ertical transe	21304	0.0408	0.0567	39.9	50.1	55.2	-0.1%	10.0%	50.2
237	2.0	53	1729625	89962	1000.0	ertical transe	75366	0.0437	0.0478	38.3	49.0	50.2	-1.2%	1.2%	49.6
167	2.0	55	1312483	70828	1000.0	ertical transe	55110	0.0421	0.0480	39.4	49.9	51.6	-0.1%	3.5%	49.9
253	2.0	57	2135611	103408	1000.0	ertical transe	86526	0.0406	0.0445	39.6	49.7	50.9	-1.0%	1.3%	50.2
104	2.0	66	1176991	63818	1000.0	ertical transe	41184	0.0352	0.0446	42.9	52.2	55.2	1.0%	6.8%	51.7
304	2.0	42	1393234	85774	1000.0	ertical transe	76608	0.0551	0.0583	34.5	47.2	48.2	-2.6%	-0.6%	48.5
344	2.0	49	2145865	113612	1000.0	ertical transe	101136	0.0472	0.0500	36.8	48.0	48.8	-2.1%	-0.4%	49.0
273	2.0	52	1917879	99226	1000.0	ertical transe	85176	0.0445	0.0481	38.1	48.9	50.0	-1.1%	1.1%	49.5
246	2.0	59	2224800	105172	1000.0	ertical transe	87084	0.0392	0.0432	40.6	50.5	51.7	-0.1%	2.3%	50.6
252	1.5	46	1385377	80547	800.0	ertical transe	75050	0.0542	0.0555	33.7	45.9	46.3	-1.5%	-0.7%	46.7
155	1.5	42	710366	48226	800.0	ertical transe	43643	0.0615	0.0636	32.7	46.6	47.2	-0.2%	1.1%	46.7
80	1.5	67	933021	55486	800.0	ertical transe	43823	0.0470	0.0511	36.6	47.8	49.0	0.1%	2.7%	47.7
141	1.5	60	1318783	69466	800.0	ertical transe	60113	0.0456	0.0480	36.5	47.2	47.9	0.2%	1.6%	47.1
367	1.5	51	2480038	125817	800.0	ertical transe	119060	0.0480	0.0489	35.2	46.2	46.4	-0.7%	-0.2%	46.5
74	1.5	57	624645	42190	800.0	ertical transe	33749	0.0540	0.0585	34.8	47.4	48.7	1.1%	3.9%	46.9
209	1.5	42	957848	61834	800.0	ertical transe	57251	0.0598	0.0614	32.9	46.3	46.8	-1.0%	0.0%</	

132	1.5	57	1114232	62026	800.0	ertical transe	53585	0.0481	0.0506	35.8	47.0	47.7	0.0%	1.5%	47.0
326	1.5	41	1423761	88931	800.0	ertical transe	84563	0.0594	0.0604	32.5	45.8	46.1	-1.7%	-1.1%	46.6
216	1.5	70	2749804	116181	800.0	ertical transe	103451	0.0376	0.0392	38.2	47.1	47.6	-1.8%	-0.9%	48.0
169	1.5	44	850049	54676	800.0	ertical transe	49646	0.0584	0.0604	33.2	46.5	47.0	-0.5%	0.7%	46.7
67	1.5	54	507591	36860	800.0	ertical transe	29284	0.0577	0.0627	34.1	47.4	48.9	1.7%	4.9%	46.6
63	1.5	61	609049	42393	800.0	ertical transe	32725	0.0537	0.0590	35.1	47.7	49.2	0.9%	4.3%	47.2
180	1.5	60	1683553	83506	800.0	ertical transe	74153	0.0441	0.0459	36.6	46.9	47.4	-0.8%	0.3%	47.3
58	1.5	56	472559	35783	800.0	ertical transe	27636	0.0585	0.0642	34.1	47.7	49.4	1.9%	5.6%	46.8
148	1.5	53	1080103	61660	800.0	ertical transe	54362	0.0503	0.0526	35.1	46.7	47.4	0.2%	1.6%	46.6
183	1.5	54	1386406	74444	800.0	ertical transe	66868	0.0482	0.0501	35.5	46.7	47.2	-0.3%	0.8%	46.8
236	1.5	40	981034	64954	800.0	ertical transe	60797	0.0620	0.0634	32.4	46.3	46.7	-1.1%	-0.2%	46.8
161	1.5	57	1359025	71944	800.0	ertical transe	63503	0.0467	0.0488	36.1	46.9	47.5	0.1%	1.4%	46.9
208	2.0	50	1351000	75390	800.0	ertical transe	62400	0.0463	0.0510	35.2	45.8	47.1	-2.0%	0.8%	46.7
56	2.0	44	281673	24844	800.0	ertical transe	14784	0.0529	0.0704	33.9	45.9	51.2	-1.9%	9.6%	46.7
69	2.0	46	373330	30039	800.0	ertical transe	19044	0.0505	0.0647	34.4	45.9	50.1	-2.2%	6.6%	46.9
133	2.0	48	798134	50276	800.0	ertical transe	38304	0.0483	0.0556	34.9	45.9	49.0	-1.7%	2.9%	46.7
177	2.0	57	1494083	77416	800.0	ertical transe	60534	0.0406	0.0462	37.1	46.6	48.2	-0.6%	2.8%	46.9
183	2.0	42	838690	55282	800.0	ertical transe	46116	0.0551	0.0605	33.1	45.3	46.8	-3.3%	0.0%	46.8
269	2.0	40	1118212	72874	800.0	ertical transe	64560	0.0578	0.0615	32.5	45.2	46.3	-3.1%	-0.9%	46.7
97	2.0	39	383312	30601	800.0	ertical transe	22698	0.0594	0.0695	32.6	45.9	48.9	-2.1%	4.4%	46.9
108	2.0	62	1078597	60150	800.0	ertical transe	40176	0.0374	0.0465	38.2	47.0	49.6	-0.7%	4.8%	47.3
355	2.0	55	2790009	132868	800.0	ertical transe	117150	0.0421	0.0448	36.2	45.8	46.6	-1.9%	-0.3%	46.7
292	2.0	58	2552059	119096	800.0	ertical transe	101616	0.0399	0.0433	37.0	46.3	47.2	-1.5%	0.5%	47.0
246	2.0	61	2378191	109371	800.0	ertical transe	90036	0.0380	0.0419	38.0	47.0	48.1	-0.5%	1.9%	47.2
41	2.0	56	334050	30071	800.0	ertical transe	13776	0.0417	0.0656	36.9	46.6	54.0	-0.5%	15.2%	46.8
95	2.0	46	522285	37215	800.0	ertical transe	26220	0.0504	0.0607	34.5	45.9	48.9	-1.2%	5.3%	46.4
250	2.0	52	1756300	92050	800.0	ertical transe	78000	0.0445	0.0484	35.7	45.8	46.9	-2.0%	0.3%	46.7
48	2.0	55	377241	31558	800.0	ertical transe	15840	0.0424	0.0628	36.6	46.4	52.6	-1.3%	11.9%	47.0
188	2.0	57	1586936	81178	800.0	ertical transe	64296	0.0406	0.0458	36.6	46.0	47.4	-2.3%	0.8%	47.1
194	2.0	53	1415811	76288	800.0	ertical transe	61692	0.0437	0.0487	36.1	46.2	47.6	-1.0%	2.0%	46.7
267	2.0	55	2098401	103828	800.0	ertical transe	88110	0.0421	0.0457	36.6	46.3	47.4	-0.8%	1.4%	46.7
73	2.0	57	616204	41848	800.0	ertical transe	24966	0.0408	0.0542	36.6	46.0	49.9	-1.9%	6.4%	46.9
95	2.0	66	1075136	60254	800.0	ertical transe	37620	0.0352	0.0455	39.0	47.5	50.4	-0.5%	5.8%	47.7
66	2.0	42	302478	25798	800.0	ertical transe	16632	0.0553	0.0702	33.4	45.9	50.4	-1.5%	8.2%	46.6
167	2.0	49	1041743	61574	800.0	ertical transe	49098	0.0473	0.0531	34.9	45.6	47.2	-1.9%	1.7%	46.5
253	2.0	52	1777375	92986	800.0	ertical transe	78936	0.0445	0.0484	35.8	46.0	47.1	-1.3%	1.0%	46.7
185	2.0	59	1673122	83578	800.0	ertical transe	65490	0.0393	0.0446	37.6	46.8	48.3	-0.4%	2.8%	47.0
75	1.5	46	412315	31695	600.0	ertical transe	26198	0.0636	0.0680	31.8	45.9	47.2	1.7%	4.6%	45.2
76	1.5	42	357475	28822	600.0	ertical transe	24259	0.0678	0.0721	31.1	46.2	47.5	1.8%	4.6%	45.4
181	1.5	67	2110960	96098	600.0	ertical transe	84425	0.0400	0.0418	35.7	44.7	45.2	-1.2%	-0.1%	45.2
398	1.5	60	3722524	161986	600.0	ertical transe	152633	0.0410	0.0419	35.3	44.4	44.7	-0.5%	0.0%	44.7
173	1.5	51	1169064	66453	600.0	ertical transe	59896	0.0511	0.0530	33.5	44.8	45.3	0.1%	1.3%	44.7
47	1.5	57	396734	32956	600.0	ertical transe	24515	0.0618	0.0689	32.5	46.5	48.6	4.0%	8.8%	44.7
124	1.5	42	568293	40414	600.0	ertical transe	35831	0.0631	0.0658	31.6	45.5	46.3	0.0%	1.7%	45.5
110	1.5	42	504131	36886	600.0	ertical transe	32303	0.0641	0.0671	31.5	45.6	46.5	0.2%	2.1%	45.6
185	1.5	55	1453948	76768	600.0	ertical transe	68909	0.0474	0.0492	34.2	44.7	45.1	-0.8%	0.2%	45.0
326	1.5	49	2033582	108320	600.0	ertical transe	102082	0.0502	0.0512	33.4	44.5	44.7	-0.7%	-0.1%	44.8
76	1.5	61	734726	47151	600.0	ertical transe	37483	0.0510	0.0554	34.0	45.4	46.7	1.0%	3.8%	45.0
209	1.5	42	957848	61834	600.0	ertical transe	57251	0.0598	0.0614	31.9	45.0	45.5	-1.1%	-0.1%	45.5
131	1.5	54	992455	57596	600.0	ertical transe	50020	0.0504	0.0530	33.8	44.9	45.6	0.1%	1.6%	44.9
87	1.5	57	734380	46636	600.0	ertical transe	38195	0.0520	0.0559	33.7	45.3	46.4	0.8%	3.2%	44.9
185	1.5	41	807963	54245	600.0	ertical transe	49877	0.0617	0.0635	31.7	45.2	45.7	-0.2%	0.9%	45.3
193	1.5	70	2457001	106521	600.0	ertical transe	93791	0.0382	0.0399	36.2	44.8	45.3	-0.9%	0.2%	45.2
49	1.5	44	246464	22996	600.0	ertical transe	17966	0.0729	0.0797	30.7	47.1	49.3	4.1%	8.8%	45.3
209	1.5	54	1583382	82868	600.0	ertical transe	75292	0.0476	0.0492	34.1	44.6	45.1	0.0%	1.0%	44.6
264	1.5	61	2552205	115959	600.0	ertical transe	106291	0.0417	0.0429	35.3	44.6	45.0	-0.3%	0.4%	44.8
124	1.5	60	1159781	63346	600.0	ertical transe	53993	0.0466	0.0493	34.6	44.9	45.7	-0.3%	1.3%	45.1
299	1.5	56	2436123	116759	600.0	ertical transe	108612	0.0446	0.0457	34.6	44.5	44.8	-0.3%	0.4%	44.6
143	1.5	53	1043613	60070	600.0	ertical transe	52772	0.0506	0.0529	33.7	44.9	45.5	0.4%	1.8%	44.7
257	1.5	54	1947029	98420	600.0	ertical transe	90844	0.0467	0.0480	34.1	44.3	44.7	-1.3%	-0.5%	44.9
221	1.5	40	918680	61354	600.0	ertical transe	57197	0.0623	0.0638	31.5	45.2	45.6	-1.0%	-0.1%	45.6
53	1.5	57	447381	35008	600.0	ertical transe	26567	0.0594	0.0687	32.8	46.1	48.0	3.4%	7.5%	44.6
116	2.0	50	753442	47790	600.0	ertical transe	34800	0.0464	0.0548	33.9	44.0	46.4	-2.1%	3.0%	45.0
245	2.0	44	1232320	74740	600.0	ertical transe	64680	0.0526	0.0566	32.0	43.1	44.2	-4.9%	-2.5%	45.4
74	2.0	46	401320	26148	600.0	ertical transe	20148	0.0505	0.0639	33.2	44.2	48.0	-2.8%	5.7%	45.4
202	2.0	48	1209165	70148	600.0	ertical transe	58176	0.0482	0.0531	33.2	43.7	45.0	-3.2%	-3.2%	45.1
274	2.0	57	2312875	110590	600.0	ertical transe	93708	0.0406	0.0442	35.2	44.1	45.1	-1.2%	0.9%	44.7
110	2.0	42	504131	36886	600.0	ertical transe	27720	0.0552	0.0641	32.4	44.4	46.9	-2.6%	3.0%	45.6
48	2.0	40	199532	19834	600.0	ertical transe	11520	0.0582	0.0786	32.0	44.6	50.9	-1.9%	11.8%	45.5
127	2.0	39	501863	37621	600.0	ertical transe	29718	0.0594	0.0671	31.7	44.6	46.8	-2.4%	2.5%	45.7
245	2.0	62	2446816	111114	600.0	ertical transe	91140	0.0373	0.0413	35.8	44.1	45.2	-1.7%	0.6%	44.9
301	2.0	55	2365613	115048	600.0	ertical transe	99330	0.0421	0.0453	34.8	44.1	45.0	-1.1%	0.8%	44.6
327	2.0	58	2857957	131276	600.0	ertical transe	113796	0.0399	0.0429	35.2	44.0	44.7	-1.7%	0.0%	44.7
228	2.0	61	2204177	102783	600.0	ertical transe	83448	0.0380	0.0423	35.7	44.1	45.2	-1.5%	1.1%	44.7
314	2.0	56	2558336	121799	600.0	ertical transe	105504	0.0413	0.0444	34.7	43.7	44.5	-2.2%	-0.4%	44.7
169	2.0	46	929082	57639	600.0	ertical transe	46644	0.0503	0.0561	33.2	44.2	45.8	-1.5%	2.1%	44.9
164	2.0	52	1152132	65218	600.0	ertical transe	51168	0.0445	0.0505	34.2	44.0	45.6	-2.1%		

87	1.5	46	478285	35007	400.0	ertical transe	29510	0.0617	0.0655	31.5	44.9	46.0	1.2%	3.7%	44.4
183	1.5	42	838690	55282	400.0	ertical transe	50699	0.0605	0.0623	31.4	44.4	44.9	-0.6%	0.6%	44.7
40	1.5	67	466511	39406	400.0	ertical transe	27743	0.0595	0.0678	32.5	45.8	48.3	3.9%	9.5%	44.1
360	1.5	60	3367107	148306	400.0	ertical transe	138953	0.0413	0.0422	34.4	43.4	43.6	-0.5%	0.1%	43.6
223	1.5	51	1506944	81753	400.0	ertical transe	74996	0.0498	0.0513	33.0	43.7	44.1	-0.2%	0.7%	43.8
57	1.5	57	481146	36376	400.0	ertical transe	27935	0.0581	0.0639	32.4	45.2	46.8	3.4%	7.3%	43.7
178	1.5	42	815775	54022	400.0	ertical transe	49439	0.0606	0.0625	31.3	44.4	45.0	-0.8%	0.3%	44.8
121	1.5	42	554544	39658	400.0	ertical transe	35075	0.0633	0.0660	31.1	44.8	45.6	-0.1%	1.6%	44.9
168	1.5	55	1320342	71158	400.0	ertical transe	63299	0.0480	0.0499	33.4	43.8	44.3	-0.8%	0.4%	44.1
227	1.5	49	1416022	79214	400.0	ertical transe	72976	0.0515	0.0530	32.7	43.8	44.2	-0.3%	0.6%	43.9
169	1.5	61	1633798	81189	400.0	ertical transe	71521	0.0438	0.0458	34.2	43.7	44.2	-0.6%	0.6%	43.9
243	1.5	42	1113671	70402	400.0	ertical transe	65819	0.0591	0.0605	31.2	43.9	44.3	-2.1%	-1.2%	44.8
75	1.5	54	568199	39452	400.0	ertical transe	31876	0.0561	0.0606	32.5	44.7	46.0	1.7%	4.5%	44.0
55	1.5	57	464263	35692	400.0	ertical transe	27251	0.0587	0.0648	32.3	45.2	47.0	2.9%	6.9%	44.0
61	1.5	41	266409	23741	400.0	ertical transe	15373	0.0727	0.0782	30.2	46.2	47.9	3.5%	7.3%	44.6
213	1.5	70	2711612	114921	400.0	ertical transe	102191	0.0377	0.0393	35.1	43.3	43.7	-1.6%	-0.6%	44.0
114	1.5	44	573406	40156	400.0	ertical transe	35126	0.0613	0.0642	31.4	44.7	45.5	0.3%	2.2%	44.6
121	1.5	54	916695	54356	400.0	ertical transe	46780	0.0510	0.0538	33.0	44.1	44.8	0.9%	2.6%	43.7
51	1.5	61	493040	38001	400.0	ertical transe	28333	0.0575	0.0640	32.6	45.3	47.2	3.7%	8.0%	43.7
202	1.5	60	1889321	91426	400.0	ertical transe	82073	0.0435	0.0451	34.0	43.4	43.8	-1.7%	-0.7%	44.1
245	1.5	56	1996154	98615	400.0	ertical transe	90468	0.0453	0.0467	33.8	43.6	43.9	-0.1%	0.7%	43.6
197	1.5	53	1437705	77242	400.0	ertical transe	69944	0.0487	0.0504	33.2	43.7	44.2	-0.1%	0.9%	43.8
82	1.5	54	621231	41720	400.0	ertical transe	34144	0.0550	0.0590	32.6	44.6	45.7	1.3%	3.9%	44.0
49	1.5	40	203689	20074	400.0	ertical transe	15917	0.0782	0.0850	29.6	47.0	49.2	4.5%	9.4%	45.0
296	1.5	57	2498580	118114	400.0	ertical transe	109673	0.0439	0.0450	34.0	43.5	43.8	-0.4%	0.3%	43.6
194	2.0	50	1260067	71190	400.0	ertical transe	58200	0.0463	0.0514	33.3	43.2	44.5	-2.3%	0.8%	44.2
151	2.0	44	759511	49924	400.0	ertical transe	39864	0.0526	0.0591	32.2	43.4	45.2	-2.7%	1.3%	44.6
182	2.0	46	1000550	61227	400.0	ertical transe	50232	0.0503	0.0557	32.2	42.8	44.2	-4.3%	-1.1%	44.7
161	2.0	48	963741	58340	400.0	ertical transe	46368	0.0482	0.0543	32.9	43.3	44.9	-2.4%	1.3%	44.3
77	2.0	57	649969	43216	400.0	ertical transe	26334	0.0408	0.0535	34.4	43.2	46.6	-1.2%	6.7%	43.7
185	2.0	42	847856	55786	400.0	ertical transe	46620	0.0551	0.0604	31.8	43.6	45.0	-2.9%	0.3%	44.9
256	2.0	40	1064172	69754	400.0	ertical transe	61440	0.0578	0.0617	31.4	43.8	44.9	-2.2%	0.1%	44.8
247	2.0	39	976063	65701	400.0	ertical transe	57798	0.0593	0.0633	31.1	43.7	44.8	-2.9%	-0.5%	45.0
121	2.0	62	1208428	64986	400.0	ertical transe	45012	0.0374	0.0455	34.6	42.6	44.7	-2.6%	2.2%	43.8
421	2.0	55	3308715	154648	400.0	ertical transe	138930	0.0420	0.0444	33.9	42.9	43.5	-1.7%	-0.3%	43.6
269	2.0	58	2351041	111092	400.0	ertical transe	93612	0.0399	0.0435	34.4	43.0	43.9	-1.7%	0.4%	43.7
242	2.0	61	2339521	107907	400.0	ertical transe	88572	0.0380	0.0420	34.8	43.0	44.1	-1.4%	0.9%	43.7
147	2.0	56	1197692	65687	400.0	ertical transe	49392	0.0414	0.0481	33.7	42.4	44.2	-3.0%	0.9%	43.8
81	2.0	46	445300	33351	400.0	ertical transe	22356	0.0505	0.0628	32.6	43.4	46.8	-1.5%	6.1%	44.1
242	2.0	52	1700098	89554	400.0	ertical transe	75504	0.0445	0.0486	33.5	43.1	44.1	-2.2%	0.2%	44.0
76	2.0	55	597298	40798	400.0	ertical transe	25080	0.0423	0.0522	33.9	42.9	46.4	-2.9%	4.9%	44.2
198	2.0	57	1671348	84598	400.0	ertical transe	67716	0.0406	0.0456	33.9	42.6	43.8	-3.5%	-0.6%	44.1
248	2.0	53	1809903	93460	400.0	ertical transe	78864	0.0437	0.0476	33.4	42.6	43.7	-2.7%	-0.4%	43.8
177	2.0	55	1391075	74128	400.0	ertical transe	58410	0.0421	0.0476	34.1	43.1	44.6	-1.2%	2.1%	43.7
304	2.0	57	2566109	120850	400.0	ertical transe	103968	0.0406	0.0438	34.2	43.0	43.8	-1.8%	0.1%	43.8
226	2.0	66	2557692	112130	400.0	ertical transe	89496	0.0351	0.0394	35.4	43.0	44.1	-2.0%	0.6%	43.8
117	2.0	42	536212	38650	400.0	ertical transe	29484	0.0552	0.0635	31.7	43.4	45.8	-2.4%	2.8%	44.5
309	2.0	49	1927536	103322	400.0	ertical transe	90846	0.0472	0.0504	32.9	43.0	43.8	-2.2%	-0.3%	43.9
312	2.0	52	2191862	111394	400.0	ertical transe	97344	0.0445	0.0476	33.2	42.7	43.5	-2.9%	-1.0%	43.9
192	2.0	59	1736429	86056	400.0	ertical transe	67968	0.0393	0.0444	34.6	43.1	44.4	-1.2%	1.9%	43.6
168	1.5	46	923585	57363	200.0	ertical transe	51866	0.0562	0.0582	31.6	43.5	44.1	-0.6%	0.7%	43.8
263	1.5	42	1205331	75442	200.0	ertical transe	70859	0.0588	0.0601	31.0	43.5	43.8	-1.3%	-0.5%	44.1
47	1.5	67	548150	42220	200.0	ertical transe	30557	0.0558	0.0628	32.4	44.6	46.6	3.1%	7.8%	43.2
120	1.5	60	1122369	61906	200.0	ertical transe	52553	0.0468	0.0496	33.2	43.2	43.9	1.0%	2.7%	42.8
161	1.5	51	1087973	62781	200.0	ertical transe	56024	0.0515	0.0536	32.3	43.3	43.8	0.3%	1.6%	43.1
261	1.5	57	2203140	106144	200.0	ertical transe	97703	0.0444	0.0456	33.3	42.7	43.1	-0.3%	0.4%	42.9
170	1.5	42	779111	52006	200.0	ertical transe	47423	0.0609	0.0628	30.9	43.9	44.4	-0.7%	0.5%	44.2
228	1.5	42	1044925	66622	200.0	ertical transe	62039	0.0594	0.0608	30.8	43.3	43.7	-2.2%	-1.3%	44.3
105	1.5	55	825214	50368	200.0	ertical transe	42509	0.0515	0.0547	32.5	43.5	44.4	0.2%	2.2%	43.4
340	1.5	49	2120914	112436	200.0	ertical transe	106198	0.0501	0.0511	32.3	42.9	43.2	-0.8%	-0.2%	43.3
147	1.5	61	1421114	73137	200.0	ertical transe	63469	0.0447	0.0469	33.4	43.0	43.6	-0.4%	1.0%	43.2
190	1.5	42	870771	57046	200.0	ertical transe	52463	0.0603	0.0620	30.9	43.8	44.2	-1.0%	0.1%	44.2
238	1.5	54	1803086	92264	200.0	ertical transe	84688	0.0470	0.0484	32.9	42.9	43.2	-0.9%	-0.1%	43.3
109	1.5	57	920085	54160	200.0	ertical transe	45719	0.0497	0.0528	32.7	43.7	44.2	0.3%	2.2%	43.2
230	1.5	41	1004464	65315	200.0	ertical transe	69947	0.0607	0.0621	30.8	43.7	44.1	-0.6%	0.3%	44.0
120	1.5	70	1527669	75861	200.0	ertical transe	63131	0.0413	0.0441	34.1	43.0	43.7	-0.2%	4.3%	44.1
245	1.5	44	1232320	74740	200.0	ertical transe	69710	0.0566	0.0579	31.4	43.4	43.7	-1.3%	-0.5%	43.9
124	1.5	54	939423	55328	200.0	ertical transe	47752	0.0508	0.0535	32.5	43.4	44.1	0.9%	2.6%	43.0
212	1.5	61	2049498	96927	200.0	ertical transe	87259	0.0426	0.0442	33.7	42.7	43.2	-0.2%	0.7%	42.9
104	1.5	60	972720	56146	200.0	ertical transe	46793	0.0481	0.0513	33.0	43.3	44.2	0.0%	2.0%	43.3
367	1.5	56	2990157	139607	200.0	ertical transe	131460	0.0440	0.0449	33.3	42.6	42.9	-0.5%	0.0%	42.9
141	1.5	53	1029017	59434	200.0	ertical transe	52136	0.0507	0.0530	32.5	43.3	43.9	0.5%	2.0%	43.1
60	1.5	54	454559	34592	200.0	ertical transe	27016	0.0594	0.0650	31.6	44.5	46.1	2.7%	6.4%	43.3
234	1.5	40	972720	64474	200.0	ertical transe	60317	0.0620	0.0634	30.6	43.8	44.2	-1.2%	-0.3%	44.3
290	1.5	57	2447933	116062	200.0	ertical transe	107621	0.0440	0.0451	33.3	42.7	43.0	-0.4%	0.3%	42.9
234	2.0	50	1519875	83190	200.0	ertical transe	70200	0.0463	0.0505	32.7	42.4	43.5	-2.5%	0.0%	43.5
88	2.0	44	442629	33292	200.0	ertical transe	23232	0.0527	0.0639	31.8	42.9	46.0	-2.5%	4.5%	44.0
141	2.0	46	775152	49911	200.0	ertical transe	38916	0.0504	0.0573	31.9	42.4	44.3	-3.7%	0.5%	44.0
82	2.0	48	490849	35588	200.0	ertical transe	23616	0.0484	0.0603	32.5	42.7	45.9	-2.2%	5.2%	43.6
80	2.0	57	675292	44242	200.0	ertical transe	27360	0.0408	0.0530	33.7	42.3	45.6	-1.3%	6.3%	42.9
102	2.0	42	467467	34870	200.0	ertical transe	25704	0.0552	0.0648	31.4	43.1	45.7	-2.7%	3.4	

291	2.0	56	2370942	114071	200.0	ertical transe	97776	0.0413	0.0447	33.5	42.2	43.1	-1.8%	0.2%	43.0
194	2.0	46	1066521	64539	200.0	ertical transe	53544	0.0503	0.0554	32.1	42.7	44.1	-1.7%	1.4%	43.5
215	2.0	52	1510418	81130	200.0	ertical transe	67080	0.0445	0.0491	32.7	42.0	43.1	-3.1%	-0.5%	43.3
188	2.0	55	1477526	77758	200.0	ertical transe	62040	0.0421	0.0473	33.3	42.2	43.5	-3.1%	0.0%	43.5
44	2.0	57	371411	31930	200.0	ertical transe	15048	0.0410	0.0633	33.7	42.4	48.6	-2.2%	12.1%	43.3
83	2.0	53	605734	40990	200.0	ertical transe	26394	0.0438	0.0566	33.2	42.5	45.6	-1.5%	5.8%	43.1
291	2.0	55	2287022	111748	200.0	ertical transe	96030	0.0421	0.0454	33.5	42.4	43.2	-1.3%	0.7%	42.9
145	2.0	57	1223967	66472	200.0	ertical transe	49590	0.0407	0.0474	33.7	42.3	44.1	-1.6%	2.5%	43.0
204	2.0	66	2308713	103418	200.0	ertical transe	80784	0.0351	0.0399	34.3	41.7	42.9	-3.0%	-0.2%	43.0
94	2.0	42	430803	32854	200.0	ertical transe	23688	0.0552	0.0656	31.4	43.0	45.9	-2.0%	4.6%	43.9
319	2.0	49	1989916	106262	200.0	ertical transe	93786	0.0472	0.0503	32.4	42.3	43.1	-2.3%	-0.4%	43.3
109	2.0	52	765747	48058	200.0	ertical transe	34008	0.0446	0.0536	32.8	42.2	44.5	-2.4%	3.1%	43.2
272	2.0	59	2459942	114376	200.0	ertical transe	96288	0.0392	0.0428	33.9	42.3	43.2	-1.3%	0.8%	42.8
238	1.5	46	1308412	76633	0.0	ertical transe	71186	0.0544	0.0558	31.2	42.6	42.9	-1.1%	-0.2%	43.0
162	1.5	42	742447	49990	0.0	ertical transe	45407	0.0612	0.0632	30.3	43.1	43.7	-0.4%	0.9%	43.3
149	1.5	67	1737752	83224	0.0	ertical transe	71561	0.0412	0.0434	33.5	42.2	42.8	-0.8%	0.5%	42.6
204	1.5	60	1908027	92146	0.0	ertical transe	82793	0.0434	0.0450	33.0	42.1	42.6	0.0%	1.0%	42.1
214	1.5	51	1446126	78999	0.0	ertical transe	72242	0.0500	0.0515	31.9	42.4	42.8	-0.2%	0.8%	42.5
284	1.5	57	2397286	114010	0.0	ertical transe	105569	0.0440	0.0452	32.8	42.1	42.4	-0.4%	0.3%	42.2
235	1.5	42	1077007	68386	0.0	ertical transe	63803	0.0593	0.0607	30.5	42.8	43.2	-1.4%	-0.5%	43.4
135	1.5	42	618706	43186	0.0	ertical transe	38603	0.0624	0.0649	30.2	43.3	44.0	-0.4%	1.2%	43.5
78	1.5	55	613016	41458	0.0	ertical transe	33599	0.0548	0.0591	31.6	43.2	44.4	1.1%	3.9%	42.7
41	1.5	49	255757	24530	0.0	ertical transe	18292	0.0715	0.0797	29.7	45.1	47.5	5.9%	11.7%	42.6
119	1.5	61	1150426	62889	0.0	ertical transe	53221	0.0463	0.0491	32.7	42.5	43.2	0.0%	1.7%	42.5
197	1.5	42	902852	58810	0.0	ertical transe	54227	0.0601	0.0618	30.4	43.0	43.5	-0.9%	0.1%	43.4
222	1.5	54	1681870	87080	0.0	ertical transe	79504	0.0473	0.0488	32.4	42.3	42.6	-0.8%	0.1%	42.6
47	1.5	57	396734	32956	0.0	ertical transe	24515	0.0618	0.0689	30.9	44.2	46.2	3.8%	8.6%	42.6
47	1.5	41	205266	20297	0.0	ertical transe	15929	0.0776	0.0847	28.7	45.4	47.6	5.0%	10.1%	43.2
140	1.5	70	1782280	84261	0.0	ertical transe	71531	0.0401	0.0425	33.7	42.2	42.8	-0.5%	0.9%	42.4
114	1.5	44	573406	40156	0.0	ertical transe	35126	0.0613	0.0642	30.4	43.3	44.1	0.3%	2.2%	43.2
407	1.5	54	3083428	147020	0.0	ertical transe	139444	0.0452	0.0461	32.5	42.0	42.2	-0.8%	-0.3%	42.3
113	1.5	61	1092421	60693	0.0	ertical transe	51025	0.0467	0.0497	32.7	42.6	43.3	0.8%	2.7%	42.2
70	1.5	60	654715	43906	0.0	ertical transe	34553	0.0528	0.0575	32.0	43.2	44.5	1.3%	4.3%	42.7
394	1.5	56	3210141	148679	0.0	ertical transe	140532	0.0438	0.0446	32.8	42.0	42.2	-0.6%	-0.1%	42.2
277	1.5	53	2021545	102682	0.0	ertical transe	95384	0.0472	0.0484	32.3	42.2	42.5	-0.5%	0.2%	42.4
94	1.5	54	712143	45608	0.0	ertical transe	38032	0.0534	0.0570	31.7	43.0	43.9	0.9%	3.1%	42.6
129	1.5	40	536243	39274	0.0	ertical transe	35117	0.0655	0.0681	29.8	43.5	44.3	0.0%	1.7%	43.5
351	1.5	57	2962844	136924	0.0	ertical transe	128483	0.0434	0.0443	32.9	42.0	42.2	-0.6%	0.0%	42.2
177	2.0	50	1149649	66090	0.0	ertical transe	53100	0.0463	0.0518	32.3	41.9	43.3	-2.2%	1.2%	42.8
44	2.0	44	221315	21676	0.0	ertical transe	11816	0.0530	0.0752	31.3	42.3	48.7	-2.2%	12.7%	43.2
136	2.0	46	747664	48531	0.0	ertical transe	37536	0.0504	0.0576	31.6	42.1	44.0	-2.9%	1.5%	43.3
99	2.0	48	592611	40484	0.0	ertical transe	28512	0.0483	0.0582	32.0	42.0	44.6	-2.1%	4.0%	42.9
325	2.0	57	2743374	128032	0.0	ertical transe	111150	0.0406	0.0436	33.2	41.7	42.4	-1.4%	0.4%	42.3
173	2.0	42	792860	52762	0.0	ertical transe	43596	0.0551	0.0608	30.9	42.3	43.8	-2.6%	0.9%	43.4
42	2.0	40	174591	18394	0.0	ertical transe	10080	0.0582	0.0816	30.5	42.6	49.5	-1.8%	14.1%	43.4
123	2.0	39	486056	36685	0.0	ertical transe	28782	0.0594	0.0674	30.2	42.5	44.7	-2.6%	2.4%	43.6
202	2.0	62	2017375	95118	0.0	ertical transe	75144	0.0374	0.0422	33.6	41.4	42.6	-2.2%	0.6%	42.3
166	2.0	55	1304624	70498	0.0	ertical transe	54780	0.0421	0.0480	33.0	41.7	43.2	-1.2%	2.4%	42.2
65	2.0	58	568095	40100	0.0	ertical transe	22620	0.0401	0.0552	33.3	41.7	45.7	-1.3%	8.1%	42.3
270	2.0	61	2610209	118155	0.0	ertical transe	98820	0.0379	0.0416	33.6	41.5	42.4	-1.6%	0.6%	42.2
122	2.0	56	994003	57287	0.0	ertical transe	40992	0.0414	0.0494	33.1	41.7	43.8	-1.4%	3.4%	42.3
291	2.0	46	1599781	91311	0.0	ertical transe	80316	0.0503	0.0537	31.6	42.0	42.9	-1.6%	0.4%	42.7
99	2.0	52	695495	44938	0.0	ertical transe	30888	0.0446	0.0545	32.6	41.8	44.4	-1.9%	4.2%	42.7
138	2.0	55	1084567	61258	0.0	ertical transe	45540	0.0421	0.0492	32.9	41.7	43.5	-2.6%	1.7%	42.8
131	2.0	57	1105791	61684	0.0	ertical transe	44802	0.0407	0.0482	33.1	41.6	43.5	-2.5%	1.9%	42.7
197	2.0	53	1437705	77242	0.0	ertical transe	62646	0.0437	0.0487	32.7	41.8	43.1	-1.6%	1.4%	42.5
370	2.0	55	2907897	137818	0.0	ertical transe	122100	0.0421	0.0447	32.7	41.4	42.1	-2.0%	-0.4%	42.3
268	2.0	57	2622228	108538	0.0	ertical transe	91656	0.0406	0.0443	33.2	41.7	42.6	-1.6%	0.5%	42.3
131	2.0	66	1482556	74510	0.0	ertical transe	51876	0.0352	0.0426	33.7	40.9	42.8	-3.2%	1.1%	42.3
169	2.0	42	774528	51754	0.0	ertical transe	42588	0.0551	0.0609	30.9	42.4	43.9	-1.8%	1.8%	43.1
252	2.0	49	1571971	86564	0.0	ertical transe	74088	0.0472	0.0511	32.1	41.9	42.9	-1.5%	0.8%	42.6
162	2.0	52	1138082	64594	0.0	ertical transe	50544	0.0445	0.0506	32.5	41.8	43.4	-1.7%	2.0%	42.5
106	2.0	59	958654	55612	0.0	ertical transe	37524	0.0393	0.0486	33.4	41.7	44.0	-1.2%	4.4%	42.2
149	1.5	46	819132	52119	1600eU	transsect (vari	46622	0.0569	0.0592	68.1	94.4	95.7	-0.3%	1.1%	94.6
157	1.5	42	719532	48730	1600eU	transsect (vari	44147	0.0614	0.0635	65.5	93.3	94.6	-0.2%	1.1%	93.6
121	1.5	67	1411194	71968	1600eU	transsect (vari	60305	0.0427	0.0455	63.3	67.7	68.8	2.2%	67.3	67.3
180	1.5	60	1683553	83506	1600eU	transsect (vari	74153	0.0441	0.0459	72.2	92.4	93.5	0.2%	1.3%	92.2
377	1.5	51	2547614	128877	1600eU	transsect (vari	122120	0.0479	0.0488	58.3	76.5	76.9	-1.0%	-0.4%	77.2
163	1.5	57	1375907	72628	1600eU	transsect (vari	64187	0.0467	0.0487	71.7	93.3	94.5	0.3%	1.5%	93.1
149	1.5	42	682868	46714	1600eU	transsect (vari	42131	0.0617	0.0639	63.5	90.6	91.9	-0.3%	1.1%	90.9
221	1.5	42	1012844	64858	1600eU	transsect (vari	60275	0.0595	0.0610	39.4	55.5	56.0	-1.3%	-0.3%	56.2
70	1.5	55	550143	38818	1600eU	transsect (vari	30959	0.0563	0.0610	65.3	90.2	92.9	0.9%	3.9%	89.4
326	1.5	49	2033582	108320	1600eU	transsect (vari	102082	0.0502	0.0512	68.6	91.1	91.7	-0.5%	0.1%	91.6
155	1.5	61	1498453	76065	1600eU	transsect (vari	66397	0.0443	0.0465	71.3	91.5	92.7	-0.4%	0.9%	91.8
159	1.5	42	728698	49234	1600eU	transsect (vari	44651	0.0613	0.0634	64.4	91.7	92.9	-0.4%	0.9%	92.1
158	1.5	54	1197006	66344	1600eU	transsect (vari	58768	0.0491	0.0512	70.0	92.4	93.6	-0.2%	1.0%	92.6
65	1.5	57	548675	39112	1600eU	transsect (vari	30671	0.0559	0.0610	64.8	89.2	92.0	1.0%	4.2%	88.3
163	1.5	41	711881	48833	1600eU	transsect (vari	44465	0.0625	0.0645	40.6	58.3	59.0	0.0%	1.3%	58.3
168	1.5	70	2138736	96021	1600eU	transsect (vari	83291	0.0390	0.0409	57.9	72.0	72.8	0.9%	2.0%	71.4
229	1.5	44	1151841	70516	1600eU	transsect (vari	65486	0.0569	0.0583	65.1	90.2	91.0	-0.7%	0.2%	90.8
346	1.5	54	2621293	127256	1600eU	transsect (vari	119680	0.0457	0.0466	71.1	91.9	92.5	-0.5%	0.1%	92.4
328	1.5	61	3170921	139383	16										

403	1.5	57	3401783	154708	1600eU	transect (vari	146267	0.0430	0.0438	71.6	91.1	91.6	-0.9%	-0.4%	92.0
238	1.5	50	1545855	84390	1600eU	transect (vari	77895	0.0504	0.0518	69.0	91.8	92.6	-0.8%	0.0%	92.6
130	1.5	44	653884	44380	1600eU	transect (vari	39350	0.0602	0.0628	67.5	95.4	96.9	-0.1%	1.5%	95.5
124	1.5	46	681694	45219	1600eU	transect (vari	39722	0.0583	0.0610	68.3	95.4	97.0	-0.5%	1.2%	95.8
185	1.5	48	1107404	65252	1600eU	transect (vari	59266	0.0535	0.0553	51.2	69.5	70.2	0.2%	1.3%	69.3
164	1.5	57	1384349	72970	1600eU	transect (vari	64529	0.0466	0.0487	70.9	92.2	93.4	0.2%	1.5%	92.0
112	1.5	42	513297	37390	1600eU	transect (vari	32807	0.0639	0.0669	56.2	81.4	83.0	0.0%	1.9%	81.4
242	1.5	40	1005975	66394	1600eU	transect (vari	62237	0.0619	0.0633	59.4	84.9	85.6	-0.4%	0.5%	85.2
128	1.5	39	505814	37855	1600eU	transect (vari	33904	0.0670	0.0696	59.8	88.3	89.8	0.1%	1.8%	88.3
151	1.5	62	1508038	76146	1600eU	transect (vari	66159	0.0439	0.0461	73.2	93.6	94.9	-0.1%	1.3%	93.7
340	1.5	55	2672121	127918	1600eU	transect (vari	120059	0.0449	0.0459	67.6	87.0	87.5	-0.2%	0.4%	87.2
350	1.5	58	3058975	139280	1600eU	transect (vari	130540	0.0427	0.0436	72.8	92.5	93.0	-1.0%	-0.5%	93.4
266	1.5	61	2571539	116691	1600eU	transect (vari	107023	0.0416	0.0429	71.4	90.2	90.9	-0.3%	0.5%	90.5
142	1.5	56	1156955	64007	1600eU	transect (vari	55860	0.0493	0.0506	52.5	68.9	69.9	-0.2%	1.2%	69.1
57	1.5	46	313359	26727	1600eU	transect (vari	21230	0.0678	0.0736	66.2	98.3	102.0	3.6%	7.6%	94.8
191	1.5	52	1341813	73642	1600eU	transect (vari	66617	0.0497	0.0514	68.9	91.4	92.3	-0.4%	0.7%	91.7
108	1.5	55	848791	51358	1600eU	transect (vari	43499	0.0513	0.0543	66.4	88.9	90.6	0.0%	1.9%	88.9
212	1.5	57	1789524	89386	1600eU	transect (vari	80945	0.0452	0.0468	66.9	86.4	87.2	-0.7%	0.3%	86.9
153	1.5	53	1116593	63250	1600eU	transect (vari	55952	0.0501	0.0523	70.1	93.1	94.4	0.2%	1.5%	92.9
124	1.5	55	974538	56638	1600eU	transect (vari	48779	0.0501	0.0528	70.5	93.7	95.2	0.8%	2.5%	92.9
270	1.5	57	2279110	109222	1600eU	transect (vari	100781	0.0442	0.0455	69.9	89.6	90.3	-0.4%	0.3%	90.0
79	1.5	66	894060	53918	1600eU	transect (vari	42601	0.0477	0.0519	70.7	92.5	94.9	1.0%	3.7%	91.6
118	1.5	42	540795	38902	1600eU	transect (vari	34319	0.0635	0.0663	62.5	90.3	91.9	0.5%	2.3%	89.9
148	1.5	49	923221	55988	1600eU	transect (vari	49750	0.0539	0.0562	69.0	93.8	95.2	0.3%	1.7%	93.5
104	1.5	52	730621	46498	1600eU	transect (vari	39473	0.0540	0.0572	69.4	94.5	96.4	0.9%	2.9%	93.6
325	1.5	59	2939269	133138	1600eU	transect (vari	124094	0.0422	0.0433	55.6	70.4	70.8	0.4%	1.0%	70.1
225	1.5	46	1236944	73095	1600eU	transect (vari	67598	0.0547	0.0561	52.3	71.4	72.1	0.2%	1.1%	71.3
264	1.5	42	1209914	75694	1600eU	transect (vari	71111	0.0588	0.0601	49.6	69.5	70.0	-0.9%	-0.1%	70.1
111	1.5	67	1294567	67948	1600eU	transect (vari	56285	0.0435	0.0465	59.3	75.8	77.1	0.2%	2.0%	75.6
357	1.5	60	3339048	147226	1600eU	transect (vari	137873	0.0413	0.0422	59.8	75.4	75.8	0.3%	0.9%	75.1
238	1.5	51	1608308	86343	1600eU	transect (vari	79586	0.0495	0.0509	55.2	73.0	73.7	0.1%	1.0%	72.9
291	1.5	57	2456375	116404	1600eU	transect (vari	107963	0.0440	0.0451	58.3	74.6	75.1	0.3%	0.9%	74.4
183	1.5	42	838690	55282	1600eU	transect (vari	50699	0.0605	0.0623	49.5	70.1	70.9	0.1%	1.3%	70.0
140	1.5	42	641621	44446	1600eU	transect (vari	39863	0.0621	0.0645	49.0	70.1	71.1	0.1%	1.6%	70.0
134	1.5	55	1053130	59938	1600eU	transect (vari	52079	0.0495	0.0520	55.7	73.7	74.8	0.2%	1.7%	73.6
285	1.5	49	1777825	96266	1600eU	transect (vari	90028	0.0507	0.0518	54.4	72.5	73.0	0.2%	0.9%	72.4
64	1.5	61	618716	42759	1600eU	transect (vari	33091	0.0535	0.0587	54.4	73.7	76.2	-1.5%	1.7%	74.9
163	1.5	42	747030	50242	1600eU	transect (vari	45659	0.0611	0.0632	49.3	70.1	71.0	0.1%	1.4%	70.0
191	1.5	54	1447014	77036	1600eU	transect (vari	69460	0.0490	0.0498	56.2	73.7	74.5	0.3%	1.4%	73.5
236	1.5	57	1992111	97594	1600eU	transect (vari	89153	0.0448	0.0462	57.6	74.1	74.8	0.0%	0.9%	74.1
134	1.5	41	585227	41699	1600eU	transect (vari	37331	0.0638	0.0663	48.2	69.7	70.8	0.0%	1.6%	69.7
140	1.5	70	1782280	84261	1600eU	transect (vari	71531	0.0401	0.0425	61.1	76.5	77.6	0.4%	1.9%	76.2
233	1.5	44	1171961	71572	1600eU	transect (vari	68542	0.0568	0.0582	51.1	70.7	71.3	-0.1%	0.8%	70.7
361	1.5	54	2734932	132116	1600eU	transect (vari	124540	0.0455	0.0465	57.2	74.0	74.4	0.3%	0.8%	73.8
131	1.5	61	1266435	67281	1600eU	transect (vari	57613	0.0455	0.0480	58.0	74.9	76.1	-0.4%	1.2%	75.2
52	1.5	60	486360	37426	1600eU	transect (vari	28073	0.0577	0.0641	52.4	73.0	76.0	-2.0%	2.1%	74.5
159	1.5	56	1295463	69719	1600eU	transect (vari	61572	0.0475	0.0496	56.6	74.1	75.0	-0.3%	1.0%	74.3
333	1.5	53	2430233	120490	1600eU	transect (vari	113192	0.0466	0.0476	56.6	73.6	74.1	0.2%	0.8%	73.5
101	1.5	54	765175	47876	1600eU	transect (vari	40300	0.0527	0.0560	54.2	73.2	74.7	-0.4%	1.7%	73.5
259	1.5	40	1076643	70474	1600eU	transect (vari	66317	0.0616	0.0629	47.7	68.1	68.6	-1.9%	-1.1%	69.4
125	1.5	57	1055144	59632	1600eU	transect (vari	51191	0.0485	0.0512	56.3	74.1	75.3	-0.5%	1.1%	74.5
223	2.0	50	1448427	79890	1600eU	transect (vari	66900	0.0463	0.0507	55.3	71.8	73.7	-0.9%	1.7%	72.5
238	2.0	44	1197110	72892	1600eU	transect (vari	62832	0.0526	0.0567	50.6	68.3	70.0	-3.4%	-0.9%	70.7
149	2.0	46	819132	52119	1600eU	transect (vari	41124	0.0504	0.0569	53.7	71.4	74.3	0.3%	4.4%	71.2
251	2.0	48	1502478	84260	1600eU	transect (vari	72288	0.0482	0.0521	52.8	69.3	71.0	-3.6%	-1.3%	71.9
264	2.0	57	2228463	107170	1600eU	transect (vari	90288	0.0406	0.0443	59.6	74.9	76.5	0.6%	2.8%	74.4
59	2.0	42	270397	24034	1600eU	transect (vari	14868	0.0553	0.0719	51.3	70.4	78.2	0.5%	11.6%	70.0
54	2.0	40	224474	21274	1600eU	transect (vari	12960	0.0581	0.0763	48.8	68.1	76.5	-1.8%	10.3%	69.4
235	2.0	39	928643	62893	1600eU	transect (vari	54990	0.0593	0.0635	48.7	68.5	70.3	-0.8%	1.9%	69.0
76	2.0	62	759012	48246	1600eU	transect (vari	28272	0.0375	0.0504	61.9	76.3	82.4	1.4%	9.5%	75.2
193	2.0	55	1516822	79408	1600eU	transect (vari	63690	0.0421	0.0472	58.9	74.5	76.8	0.7%	3.8%	74.0
144	2.0	58	1258550	67592	1600eU	transect (vari	50112	0.0400	0.0468	60.1	75.1	78.2	0.7%	4.8%	74.6
352	2.0	61	3402939	148167	1600eU	transect (vari	128832	0.0379	0.0407	60.6	74.9	76.2	-0.5%	1.2%	75.3
121	2.0	56	985956	56951	1600eU	transect (vari	40556	0.0414	0.0495	59.3	74.8	78.5	0.9%	5.9%	74.1
96	2.0	46	527763	37491	1600eU	transect (vari	26496	0.0504	0.0606	54.0	71.8	76.5	0.5%	4.0%	71.5
74	2.0	52	158868	37138	1600eU	transect (vari	23088	0.0447	0.0579	67.4	73.8	80.0	0.0%	1.0%	75.0
185	2.0	55	1453948	76768	1600eU	transect (vari	61050	0.0421	0.0474	57.5	72.8	75.2	-0.9%	2.3%	73.5
184	2.0	57	1553172	79810	1600eU	transect (vari	62928	0.0406	0.0460	58.7	73.7	76.1	-0.4%	2.8%	74.0
66	2.0	53	481668	35584	1600eU	transect (vari	20988	0.0439	0.0587	57.4	73.5	80.4	0.1%	9.6%	73.4
131	2.0	55	1029553	58948	1600eU	transect (vari	43230	0.0422	0.0496	58.0	73.4	76.8	-0.8%	3.7%	74.0
69	2.0	57	582439	40480	1600eU	transect (vari	23598	0.0408	0.0550	59.7	75.0	81.7	0.9%	9.9%	74.3
57	2.0	66	645082	45206	1600eU	transect (vari	22572	0.0354	0.0525	61.2	74.5	82.5	-1.8%	8.8%	75.9
67	2.0	42	307061	26050	1600eU	transect (vari	16884	0.0553	0.0699	51.3	70.4	77.2	0.4%	10.1%	70.1
187	2.0	49	1166502	67454	1600eU	transect (vari	54978	0.0472	0.0525	55.7	72.8	75.1	0.6%	3.8%	72.4
170	2.0	52	1194284	67090	1600eU	transect (vari	53040	0.0445	0.0503	56.6	72.7	75.2	-0.6%	2.9%	73.1
75	2.0	59	678293	44638	1600eU	transect (vari	26550	0.0394	0.0525	60.7	75.6	81.8	0.9%	9.2%	74.9
149	1.5	46	819132	52119	1400eU	transect (vari	46622	0.0569	0.0592	65.0	90.0	91.3	-0.2%	1.2%	90.2
157	1.5	42	719532	48730	1400eU	transect (vari	44147	0.0614	0.0635	63.1	89.8	91.1	-0.2%	1.1%	90.0
121	1.5	67	1411194	71968	1400eU	transect (vari	60305	0.0427	0.0455	43.2	54.9	55.8	0.4%	2.1%	54.7
180	1.5	60	1683553	83506	1400eU	transect (vari	74153	0.0441	0.0459	68.6	87.8	88.8	0.1%	1.2%	87.8
377	1.5	51	2547614	128877</											

159	1.5	42	728698	49234	1400eU	transect (vari	44651	0.0613	0.0634	43.7	62.1	63.0	0.0%	1.3%	62.1
158	1.5	54	1197006	66344	1400eU	transect (vari	58768	0.0491	0.0512	67.9	89.6	90.8	-0.2%	1.1%	89.8
65	1.5	57	548675	39112	1400eU	transect (vari	30671	0.0559	0.0610	61.4	84.5	87.3	0.3%	3.6%	84.3
163	1.5	41	711881	48833	1400eU	transect (vari	44465	0.0625	0.0645	60.8	87.2	88.3	0.0%	1.3%	87.2
168	1.5	70	2138736	96021	1400eU	transect (vari	83291	0.0390	0.0409	72.3	89.9	90.9	-0.5%	0.7%	90.3
229	1.5	44	1151841	70516	1400eU	transect (vari	65486	0.0569	0.0583	65.0	90.1	90.9	-0.7%	0.2%	90.7
346	1.5	54	2621293	127256	1400eU	transect (vari	119680	0.0457	0.0466	70.5	91.2	91.8	-0.4%	0.2%	91.6
328	1.5	61	3170921	139383	1400eU	transect (vari	129715	0.0409	0.0419	64.9	81.5	82.0	0.0%	0.6%	81.6
69	1.5	60	645362	43546	1400eU	transect (vari	34193	0.0530	0.0578	68.1	92.1	94.8	0.9%	4.0%	91.2
403	1.5	56	3283470	151703	1400eU	transect (vari	143556	0.0437	0.0446	49.2	62.9	63.2	0.1%	0.6%	62.8
366	1.5	53	2671067	130984	1400eU	transect (vari	123686	0.0463	0.0472	45.6	59.2	59.5	-0.8%	-0.3%	59.7
234	1.5	54	1772782	90968	1400eU	transect (vari	83392	0.0471	0.0485	68.4	89.2	90.0	-0.5%	0.3%	89.7
120	1.5	40	498831	37114	1400eU	transect (vari	32957	0.0661	0.0689	33.1	48.6	49.5	0.2%	2.0%	48.5
403	1.5	57	3401783	154708	1400eU	transect (vari	146267	0.0430	0.0438	60.9	77.5	77.9	-0.4%	-0.4%	78.2
238	1.5	50	1545855	44390	1400eU	transect (vari	77895	0.0504	0.0518	63.4	84.4	85.1	-0.4%	0.5%	84.7
130	1.5	44	653884	44380	1400eU	transect (vari	38360	0.0602	0.0628	60.6	85.7	87.1	-0.1%	1.6%	85.7
124	1.5	46	681694	45219	1400eU	transect (vari	39722	0.0583	0.0610	49.9	69.7	70.9	0.1%	1.8%	69.7
185	1.5	48	1107404	65252	1400eU	transect (vari	59266	0.0535	0.0553	64.9	88.0	89.0	-0.4%	0.7%	88.4
164	1.5	57	1384349	72970	1400eU	transect (vari	64529	0.0466	0.0487	58.8	76.5	77.4	-0.1%	1.1%	76.6
112	1.5	42	513297	37390	1400eU	transect (vari	32807	0.0639	0.0669	62.5	90.5	92.2	0.1%	2.0%	90.4
242	1.5	40	1005975	66394	1400eU	transect (vari	62237	0.0619	0.0633	62.7	89.6	90.4	-0.6%	0.3%	90.1
128	1.5	39	505814	37855	1400eU	transect (vari	33904	0.0670	0.0696	63.5	93.7	95.3	0.1%	1.8%	93.7
151	1.5	62	1508038	76146	1400eU	transect (vari	66159	0.0439	0.0461	70.2	89.8	91.0	0.0%	1.3%	89.9
340	1.5	55	2672121	127918	1400eU	transect (vari	120059	0.0449	0.0459	70.9	91.3	91.8	-0.4%	0.2%	91.6
350	1.5	58	3058975	139280	1400eU	transect (vari	130540	0.0427	0.0436	68.2	86.7	87.2	-0.9%	-0.4%	87.5
266	1.5	61	2571539	116691	1400eU	transect (vari	107023	0.0416	0.0429	67.5	85.2	85.8	-0.1%	0.7%	85.3
142	1.5	56	1156955	64007	1400eU	transect (vari	55860	0.0483	0.0506	46.8	61.5	62.4	-0.2%	1.2%	61.7
57	1.5	46	313359	26727	1400eU	transect (vari	21230	0.0678	0.0736	56.8	84.2	87.5	1.0%	4.9%	83.4
191	1.5	52	1341813	73642	1400eU	transect (vari	66617	0.0497	0.0514	69.4	92.0	93.0	-0.4%	0.6%	92.4
108	1.5	55	848791	51358	1400eU	transect (vari	43499	0.0513	0.0543	63.9	85.5	87.1	0.0%	1.9%	85.5
212	1.5	57	1789524	89386	1400eU	transect (vari	80945	0.0452	0.0468	46.1	59.4	60.0	-0.6%	0.4%	59.8
153	1.5	53	1116593	63250	1400eU	transect (vari	55952	0.0501	0.0523	62.7	83.3	84.4	0.0%	1.4%	83.2
124	1.5	55	974538	56638	1400eU	transect (vari	48779	0.0501	0.0528	65.8	87.4	88.8	0.4%	2.1%	87.0
270	1.5	57	2279110	109222	1400eU	transect (vari	100781	0.0442	0.0455	68.3	87.5	88.2	-0.3%	0.4%	87.8
79	1.5	66	894060	53918	1400eU	transect (vari	42601	0.0477	0.0519	67.5	88.4	90.7	0.5%	3.1%	87.9
118	1.5	42	540795	38902	1400eU	transect (vari	34319	0.0635	0.0663	38.2	55.2	56.2	0.1%	2.0%	55.1
148	1.5	49	923221	55988	1400eU	transect (vari	49750	0.0539	0.0562	66.0	89.7	91.0	0.2%	1.6%	89.5
104	1.5	52	730621	46498	1400eU	transect (vari	39473	0.0540	0.0572	37.8	51.5	52.5	0.0%	2.0%	51.5
325	1.5	59	2939269	133138	1400eU	transect (vari	124084	0.0422	0.0433	71.5	90.6	91.2	-0.4%	0.2%	90.9
56	1.5	46	307862	26451	1400eU	transect (vari	20954	0.0681	0.0740	40.8	60.6	63.0	-1.0%	2.9%	61.2
180	1.5	42	824941	54526	1400eU	transect (vari	49943	0.0606	0.0624	42.2	59.8	60.5	0.1%	1.2%	59.8
120	1.5	67	1399532	71566	1400eU	transect (vari	59903	0.0428	0.0456	52.8	67.1	68.2	0.6%	2.3%	66.7
110	1.5	60	1028838	58306	1400eU	transect (vari	48953	0.0476	0.0506	49.9	65.3	66.5	-1.3%	0.6%	66.1
233	1.5	51	1574520	84813	1400eU	transect (vari	78056	0.0496	0.0510	47.8	63.2	63.8	0.2%	1.1%	63.1
74	1.5	57	624645	42190	1400eU	transect (vari	33749	0.0540	0.0585	46.8	63.7	65.5	-2.2%	0.6%	65.1
59	1.5	42	270397	24034	1400eU	transect (vari	19451	0.0719	0.0776	39.1	59.6	61.9	-0.3%	3.5%	59.8
115	1.5	42	527046	38146	1400eU	transect (vari	33563	0.0637	0.0666	41.4	59.8	60.9	0.0%	1.9%	59.8
172	1.5	55	1351779	72478	1400eU	transect (vari	64619	0.0478	0.0498	49.1	64.3	65.1	0.6%	1.8%	64.0
263	1.5	49	1640589	89798	1400eU	transect (vari	83560	0.0509	0.0522	46.8	62.6	63.0	0.2%	1.0%	62.4
103	1.5	61	995746	57033	1400eU	transect (vari	47365	0.0476	0.0508	50.0	65.4	66.7	-0.5%	1.5%	65.7
98	1.5	42	449135	33862	1400eU	transect (vari	29279	0.0652	0.0686	41.0	59.8	61.1	-0.1%	2.1%	59.8
176	1.5	54	1333374	72176	1400eU	transect (vari	64600	0.0485	0.0504	48.7	64.1	64.8	0.4%	1.5%	63.9
139	1.5	57	1173320	64420	1400eU	transect (vari	55979	0.0477	0.0501	49.5	64.8	65.7	0.2%	1.6%	64.7
159	1.5	41	694411	47849	1400eU	transect (vari	43481	0.0626	0.0647	41.4	59.5	60.3	0.0%	1.3%	59.5
209	1.5	70	2660690	113241	1400eU	transect (vari	100511	0.0378	0.0394	54.5	67.2	67.9	-0.5%	0.5%	67.6
76	1.5	44	382271	30124	1400eU	transect (vari	25094	0.0657	0.0700	41.2	60.3	62.0	-0.4%	2.5%	60.5
89	1.5	54	674263	43988	1400eU	transect (vari	36412	0.0540	0.0578	46.5	63.3	64.8	-1.4%	0.9%	64.2
191	1.5	61	1846481	89241	1400eU	transect (vari	79573	0.0431	0.0448	52.0	66.3	67.0	0.1%	1.2%	66.2
205	1.5	60	1917380	92506	1400eU	transect (vari	83153	0.0434	0.0450	50.2	64.0	64.7	-1.7%	-0.8%	65.2
92	1.5	56	749576	47207	1400eU	transect (vari	39060	0.0521	0.0557	47.5	63.9	65.3	-1.5%	0.7%	64.9
132	1.5	53	963335	56572	1400eU	transect (vari	49274	0.0512	0.0537	47.5	63.5	64.5	-0.4%	1.1%	63.8
107	1.5	54	810631	49820	1400eU	transect (vari	42244	0.0521	0.0552	47.3	63.6	64.8	-0.4%	1.5%	63.8
141	1.5	40	586126	42154	1400eU	transect (vari	37997	0.0648	0.0672	40.6	59.1	60.0	0.0%	1.5%	59.1
195	1.5	57	1646024	83572	1400eU	transect (vari	75131	0.0457	0.0474	50.4	65.1	65.8	-0.1%	1.0%	65.2
68	2.0	50	441673	33030	1400eU	transect (vari	20400	0.0465	0.0609	48.1	62.5	68.3	-0.1%	9.1%	62.5
81	2.0	44	407420	31444	1400eU	transect (vari	21384	0.0527	0.0648	45.1	60.8	65.6	0.3%	6.5%	60.5
103	2.0	46	566246	39423	1400eU	transect (vari	28428	0.0504	0.0599	46.1	61.4	65.1	0.5%	6.6%	61.1
218	2.0	48	1304941	74756	1400eU	transect (vari	62784	0.0482	0.0527	46.8	61.5	63.2	-0.6%	2.1%	61.9
252	2.0	57	2121700	103066	1400eU	transect (vari	86184	0.0406	0.0445	52.4	65.7	67.3	0.9%	3.3%	65.1
208	2.0	42	953265	61582	1400eU	transect (vari	52416	0.0551	0.0598	42.9	58.8	60.5	-1.7%	1.2%	59.8
62	2.0	40	257729	23194	1400eU	transect (vari	14880	0.0581	0.0739	42.4	59.2	65.4	0.1%	10.7%	59.1
190	2.0	39	750818	52363	1400eU	transect (vari	44460	0.0593	0.0645	41.4	58.2	60.1	-1.0%	2.3%	58.8
183	2.0	62	1827622	88050	1400eU	transect (vari	68076	0.0374	0.0427	54.3	66.9	69.0	0.9%	4.2%	66.2
233	2.0	55	1831189	92608	1400eU	transect (vari	76890	0.0421	0.0463	51.5	65.2	66.9	1.0%	3.6%	64.6
62	2.0	58	541876	39056	1400eU	transect (vari	21576	0.0402	0.0560	51.6	64.6	71.0	-1.2%	8.7%	65.3
287	2.0	61	2774556	124377	1400eU	transect (vari	105042	0.0379	0.0414	54.1	66.8	68.1	0.8%	2.8%	66.3
324	2.0	56	2639812	125159	1400eU	transect (vari	108864	0.0413	0.0443	50.9	64.1	65.3	-1.0%	0.8%	64.7
76	2.0	46	417812	31971	1400eU	transect (vari	20976	0.0505	0.0634	46.3	61.7	66.8	0.6%	9.0%	61.3
113	2.0	52	793847	49306	1400eU	transect (vari	35256	0.0446	0.0533	49.9	64.1	67.6	1.3%	6.8%	63.3
124	2.0	55	974538	56638	1400eU	transect (vari	40920	0.0422	0.0501	51.2	64.8	68.0	1.5%	6.4%	63.8
129	2.0	57	1088908	61000	1400e										

252	2.0	52	1770350	92674	1400eU	transect (vari	78624	0.0445	0.0484	48.9	62.8	64.3	-0.9%	1.5%	63.4
304	2.0	59	2749347	125704	1400eU	transect (vari	107616	0.0392	0.0424	53.4	66.5	67.7	1.1%	3.0%	65.8
149	1.5	46	819132	52119	1200eU	transect (vari	46622	0.0569	0.0592	35.5	49.1	49.8	-0.2%	1.2%	49.2
157	1.5	42	719532	48730	1200eU	transect (vari	44147	0.0614	0.0635	33.7	47.9	48.6	-0.2%	1.1%	48.0
121	1.5	67	1411194	71968	1200eU	transect (vari	60305	0.0427	0.0455	67.1	85.3	86.7	-0.1%	1.6%	85.3
180	1.5	60	1683553	83506	1200eU	transect (vari	74153	0.0441	0.0459	61.8	79.2	80.0	-0.1%	1.1%	79.2
377	1.5	51	2547614	128877	1200eU	transect (vari	122120	0.0479	0.0488	67.0	87.8	88.3	-1.0%	-0.5%	88.7
163	1.5	57	1375907	72628	1200eU	transect (vari	64187	0.0467	0.0487	47.5	61.7	62.5	-0.2%	1.0%	61.9
149	1.5	42	682868	46714	1200eU	transect (vari	42131	0.0617	0.0639	41.1	58.7	59.5	-0.1%	1.4%	58.8
221	1.5	42	1012844	64858	1200eU	transect (vari	60275	0.0595	0.0610	59.9	84.3	85.1	-1.1%	-0.2%	85.3
70	1.5	55	550143	38818	1200eU	transect (vari	30959	0.0563	0.0610	54.1	74.7	77.0	-0.5%	2.5%	75.1
326	1.5	49	2033582	108320	1200eU	transect (vari	102082	0.0502	0.0512	37.0	49.2	49.5	0.0%	0.3%	49.4
155	1.5	61	1498453	76065	1200eU	transect (vari	66397	0.0443	0.0465	69.5	89.2	90.3	-0.3%	1.0%	89.4
159	1.5	42	728698	49234	1200eU	transect (vari	44651	0.0613	0.0634	48.9	69.7	70.6	0.0%	1.3%	69.7
158	1.5	54	1197096	66344	1200eU	transect (vari	58768	0.0491	0.0512	63.4	83.7	84.8	-0.1%	1.2%	83.7
65	1.5	57	548675	39112	1200eU	transect (vari	30671	0.0559	0.0610	61.9	85.2	88.0	0.4%	3.7%	84.9
163	1.5	41	711881	48833	1200eU	transect (vari	44465	0.0625	0.0645	38.2	54.9	55.6	0.0%	1.3%	54.8
168	1.5	70	2138736	96021	1200eU	transect (vari	83291	0.0390	0.0409	62.2	77.3	78.2	0.5%	1.7%	76.9
229	1.5	44	1151841	70516	1200eU	transect (vari	65486	0.0569	0.0583	57.0	78.9	79.7	-0.3%	0.6%	79.2
346	1.5	54	2621293	127256	1200eU	transect (vari	119680	0.0457	0.0466	63.2	81.7	82.2	0.0%	0.5%	81.7
328	1.5	61	3170921	139383	1200eU	transect (vari	129715	0.0409	0.0419	65.8	82.8	83.3	-0.1%	0.5%	82.9
69	1.5	60	645362	43546	1200eU	transect (vari	34193	0.0530	0.0578	66.3	89.6	92.4	0.7%	3.7%	89.0
403	1.5	56	3283470	151703	1200eU	transect (vari	143556	0.0437	0.0446	47.5	60.7	61.0	0.0%	0.5%	60.7
366	1.5	53	2671067	130984	1200eU	transect (vari	123686	0.0463	0.0472	67.0	87.0	87.5	-0.8%	-0.3%	87.0
234	1.5	54	1772782	90968	1200eU	transect (vari	83392	0.0471	0.0485	50.7	66.1	66.7	0.2%	1.0%	66.0
120	1.5	40	498831	37114	1200eU	transect (vari	32957	0.0661	0.0689	31.9	46.9	47.7	0.2%	2.0%	46.8
403	1.5	57	3401783	154708	1200eU	transect (vari	146267	0.0430	0.0438	64.3	81.9	82.3	-0.9%	-0.4%	82.6
238	1.5	50	1545855	84390	1200eU	transect (vari	77895	0.0504	0.0518	60.1	79.9	80.6	-0.2%	0.6%	80.1
130	1.5	44	653884	44380	1200eU	transect (vari	39350	0.0602	0.0628	55.4	78.4	79.7	0.0%	1.6%	78.4
124	1.5	46	681694	45219	1200eU	transect (vari	39722	0.0583	0.0610	62.5	87.3	88.7	-0.3%	1.4%	87.5
185	1.5	48	1107404	65252	1200eU	transect (vari	59266	0.0535	0.0553	64.8	88.0	88.9	-0.4%	0.7%	88.3
164	1.5	57	1384349	72970	1200eU	transect (vari	64529	0.0466	0.0487	64.6	84.0	85.1	0.0%	1.3%	84.0
112	1.5	42	513297	37390	1200eU	transect (vari	32807	0.0639	0.0669	33.3	48.2	49.1	0.1%	2.0%	48.1
242	1.5	40	1005975	66394	1200eU	transect (vari	62237	0.0619	0.0633	41.1	58.8	59.3	-0.2%	0.7%	58.9
128	1.5	39	505814	37855	1200eU	transect (vari	33904	0.0670	0.0696	58.8	86.8	88.3	0.1%	1.8%	86.8
151	1.5	62	1508038	76146	1200eU	transect (vari	66159	0.0439	0.0461	66.6	85.3	86.4	0.0%	1.3%	85.3
340	1.5	55	2672121	127918	1200eU	transect (vari	120059	0.0449	0.0459	66.7	85.9	86.4	-0.2%	0.4%	86.0
350	1.5	58	3058975	139280	1200eU	transect (vari	130540	0.0427	0.0436	51.2	65.0	65.4	-0.9%	-0.4%	65.6
266	1.5	61	2571539	116591	1200eU	transect (vari	107023	0.0416	0.0429	67.1	84.8	85.4	-0.1%	0.7%	84.8
142	1.5	56	1156955	64007	1200eU	transect (vari	55860	0.0483	0.0506	40.8	53.6	54.4	-0.1%	1.3%	53.7
57	1.5	46	313359	26727	1200eU	transect (vari	21230	0.0678	0.0736	60.9	90.4	93.9	2.1%	6.0%	88.5
191	1.5	52	1341813	73642	1200eU	transect (vari	68617	0.0497	0.0514	64.7	85.7	86.6	-0.2%	0.9%	85.9
108	1.5	55	848791	51358	1200eU	transect (vari	43499	0.0513	0.0543	65.8	88.0	89.7	0.0%	1.9%	88.0
212	1.5	57	1789524	89386	1200eU	transect (vari	80945	0.0452	0.0468	53.7	69.3	70.0	-0.4%	0.5%	69.6
153	1.5	53	1116593	63250	1200eU	transect (vari	55952	0.0501	0.0523	58.3	77.5	78.6	0.0%	1.3%	77.5
124	1.5	55	974538	56638	1200eU	transect (vari	48779	0.0501	0.0528	64.8	86.1	87.5	0.3%	2.0%	85.8
270	1.5	57	2279110	109222	1200eU	transect (vari	100781	0.0442	0.0455	68.4	87.7	88.3	-0.3%	0.4%	87.9
79	1.5	66	894060	53918	1200eU	transect (vari	42601	0.0477	0.0519	66.7	87.3	89.5	0.4%	3.0%	86.9
118	1.5	42	540795	38902	1200eU	transect (vari	34319	0.0635	0.0663	40.9	59.0	60.1	0.1%	1.9%	59.0
148	1.5	49	923221	55988	1200eU	transect (vari	49750	0.0539	0.0562	34.6	47.1	47.7	0.2%	1.6%	47.0
104	1.5	52	730621	46498	1200eU	transect (vari	39473	0.0540	0.0572	54.6	74.3	75.8	-0.3%	1.7%	74.5
325	1.5	59	2939269	133138	1200eU	transect (vari	124094	0.0422	0.0433	58.4	74.0	74.5	0.3%	0.9%	73.9
242	1.5	46	1330402	77787	1300eU	transect (vari	72290	0.0543	0.0557	39.5	53.9	54.3	-0.7%	0.1%	54.3
240	1.5	42	1099922	69646	1200eU	transect (vari	65063	0.0592	0.0606	37.8	53.1	53.6	-0.4%	0.4%	53.3
41	1.5	67	478173	39808	1200eU	transect (vari	28145	0.0589	0.0670	40.7	57.1	60.1	-3.6%	1.5%	59.2
165	1.5	60	1543257	78106	1200eU	transect (vari	68753	0.0446	0.0466	45.3	58.2	58.9	-0.4%	0.8%	58.4
126	1.5	51	851457	52071	1200eU	transect (vari	45314	0.0532	0.0559	41.0	55.5	56.5	-0.3%	1.3%	55.7
91	1.5	57	768145	48004	1200eU	transect (vari	39563	0.0515	0.0552	42.4	56.8	58.1	-1.3%	1.0%	57.5
84	1.5	42	384973	30334	1200eU	transect (vari	25751	0.0669	0.0709	36.3	53.5	54.9	0.3%	2.9%	53.4
128	1.5	42	586625	41422	1200eU	transect (vari	36839	0.0628	0.0654	37.1	53.3	54.2	-0.1%	1.6%	53.4
194	1.5	55	1524681	79738	1200eU	transect (vari	71879	0.0472	0.0489	43.4	56.6	57.2	0.2%	1.2%	56.5
59	1.5	49	368041	29822	1200eU	transect (vari	23584	0.0641	0.0697	37.8	54.8	56.8	-0.6%	3.1%	55.1
63	1.5	61	609049	42393	1200eU	transect (vari	32725	0.0537	0.0590	42.0	57.0	58.9	-2.0%	1.3%	58.1
182	1.5	42	834107	55030	1200eU	transect (vari	50447	0.0605	0.0623	37.6	53.2	53.9	0.2%	0.9%	53.4
113	1.5	54	858087	51784	1200eU	transect (vari	44188	0.0516	0.0546	42.0	56.3	57.3	-0.2%	1.6%	56.4
121	1.5	57	1021379	58264	1200eU	transect (vari	49823	0.0488	0.0515	43.3	57.1	58.1	-0.1%	1.7%	57.2
298	1.5	41	1301475	82043	1200eU	transect (vari	77675	0.0597	0.0608	37.5	52.8	53.2	-0.5%	0.2%	53.1
178	1.5	70	2266042	100221	1200eU	transect (vari	87491	0.0386	0.0405	48.9	60.6	61.3	0.0%	2.0%	60.1
145	1.5	44	729332	48340	1200eU	transect (vari	43310	0.0594	0.0617	38.2	53.8	54.6	0.0%	1.4%	53.8
125	1.5	54	946999	55652	1200eU	transect (vari	48076	0.0508	0.0534	42.2	56.3	57.3	-0.5%	1.1%	56.6
235	1.5	61	2271849	105345	1200eU	transect (vari	95677	0.0421	0.0435	46.4	58.8	59.3	0.4%	1.2%	58.6
40	1.5	60	374123	33106	1200eU	transect (vari	23753	0.0635	0.0718	39.0	56.2	59.3	-2.5%	2.9%	57.7
350	1.5	56	2851648	133895	1200eU	transect (vari	125748	0.0441	0.0451	44.8	57.4	57.8	0.3%	0.9%	57.2
357	1.5	53	2605385	128122	1200eU	transect (vari	120824	0.0464	0.0473	43.2	56.1	56.4	-0.4%	0.2%	56.3
235	1.5	54	1780358	91292	1200eU	transect (vari	83716	0.0470	0.0485	43.2	56.4	56.9	0.0%	0.9%	56.4
240	1.5	40	997661	65914	1200eU	transect (vari	61757	0.0619	0.0633	36.8	52.5	53.0	-0.8%	0.1%	52.9
209	1.5	57	1764200	88360	1200eU	transect (vari	79919	0.0453	0.0469	44.6	57.5	58.1	0.0%	1.0%	57.5
102	2.0	50	662509	43590	1200eU	transect (vari	30600	0.0464	0.0560	42.7	55.5	58.9	0.4%	6.5%	55.3
152	2.0	44	764541	50188	1200eU	transect (vari	40128	0.0526	0.0591	39.6	53.4	55.5	-0.8%	3.3%	53.8
175	2.0	46	962068	59295	1200eU	transect (vari	48300	0.0503	0.0559	39.9	53.1	55.0	-2.0%	1.4%	54.2
204	2.0	48	1221137	70											

51	2.0	58	445736	35228	1200eU	transect (vari	17748	0.0402	0.0594	44.2	55.3	62.2	-4.2%	7.7%	57.7
64	2.0	61	618716	42759	1200eU	transect (vari	23424	0.0382	0.0535	48.1	59.6	65.3	1.6%	11.4%	58.6
116	2.0	56	945118	55271	1200eU	transect (vari	38976	0.0414	0.0499	45.8	57.8	60.8	1.1%	6.4%	57.1
119	2.0	46	654206	43839	1200eU	transect (vari	32844	0.0504	0.0586	40.8	54.3	57.1	0.1%	5.3%	54.3
213	2.0	52	1496367	80506	1200eU	transect (vari	66456	0.0445	0.0491	43.4	55.7	57.3	-0.2%	2.6%	55.9
69	2.0	55	542283	38488	1200eU	transect (vari	22770	0.0423	0.0565	42.7	54.1	59.0	-4.2%	4.5%	56.4
217	2.0	57	1831729	91096	1200eU	transect (vari	74214	0.0406	0.0451	43.9	55.1	56.6	-3.3%	-0.7%	57.0
289	2.0	53	2109121	106498	1200eU	transect (vari	91902	0.0437	0.0470	43.9	56.2	57.3	-0.2%	1.9%	56.2
259	2.0	55	2035528	101188	1200eU	transect (vari	85470	0.0421	0.0459	45.3	57.3	58.6	0.7%	3.0%	56.9
176	2.0	57	1485642	77074	1200eU	transect (vari	60192	0.0406	0.0462	46.2	58.0	59.9	1.0%	4.4%	57.4
175	2.0	66	1980513	91934	1200eU	transect (vari	69300	0.0351	0.0407	49.8	60.6	62.6	1.7%	5.1%	59.6
154	2.0	42	705783	47974	1200eU	transect (vari	38808	0.0551	0.0615	38.1	52.2	54.3	-2.1%	1.9%	53.3
336	2.0	49	2095962	111260	1200eU	transect (vari	98784	0.0472	0.0501	41.5	54.2	55.1	-1.7%	0.0%	55.1
118	2.0	52	828973	50866	1200eU	transect (vari	36816	0.0446	0.0529	41.5	53.3	56.1	-4.7%	0.2%	55.9
359	2.0	59	3246761	145174	1200eU	transect (vari	127086	0.0392	0.0419	46.6	59.0	59.0	-0.1%	1.5%	58.1
149	1.5	46	819132	52119	1000eU	transect (vari	46622	0.0569	0.0592	59.3	82.2	83.3	-0.1%	1.3%	82.2
157	1.5	42	719532	48730	1000eU	transect (vari	44147	0.0614	0.0635	44.1	62.9	63.7	0.0%	1.3%	62.9
121	1.5	67	1411194	71968	1000eU	transect (vari	60305	0.0427	0.0455	41.1	52.2	53.1	0.2%	1.8%	52.1
180	1.5	60	1683553	83506	1000eU	transect (vari	74153	0.0441	0.0459	39.6	50.7	51.3	0.0%	1.1%	50.8
377	1.5	51	2547614	128777	1000eU	transect (vari	122120	0.0479	0.0488	56.4	74.0	74.4	-1.0%	-0.4%	74.7
163	1.5	57	1375907	72628	1000eU	transect (vari	64187	0.0467	0.0487	45.8	59.6	60.3	-0.2%	1.1%	59.7
149	1.5	42	682868	46714	1000eU	transect (vari	42131	0.0617	0.0639	41.1	58.7	59.6	-0.1%	1.3%	58.8
221	1.5	42	1012844	64858	1000eU	transect (vari	60275	0.0595	0.0610	55.9	78.6	79.4	-1.1%	-0.1%	79.5
70	1.5	55	550143	38818	1000eU	transect (vari	30959	0.0563	0.0610	39.1	54.0	55.6	-0.2%	2.8%	54.1
326	1.5	49	2033582	108320	1000eU	transect (vari	102082	0.0502	0.0512	61.6	81.9	82.4	-0.2%	0.5%	82.0
155	1.5	61	1498453	76065	1000eU	transect (vari	66397	0.0443	0.0465	55.6	71.4	72.3	0.3%	1.6%	71.1
159	1.5	42	728698	49234	1000eU	transect (vari	44651	0.0613	0.0634	54.0	76.9	77.9	-0.1%	1.2%	77.0
158	1.5	54	1197006	66344	1000eU	transect (vari	58768	0.0491	0.0512	50.9	67.3	68.1	0.1%	1.4%	67.2
65	1.5	57	548675	39112	1000eU	transect (vari	30671	0.0559	0.0610	40.1	55.2	57.0	-0.7%	2.6%	55.6
163	1.5	41	711881	48833	1000eU	transect (vari	44465	0.0625	0.0645	35.1	50.3	51.0	0.0%	1.3%	50.3
168	1.5	70	2138736	96021	1000eU	transect (vari	83291	0.0390	0.0409	55.7	69.2	70.0	0.8%	1.9%	68.7
229	1.5	44	1151841	70516	1000eU	transect (vari	65486	0.0569	0.0583	33.5	46.4	46.8	-1.0%	-0.1%	46.8
346	1.5	54	2621293	127256	1000eU	transect (vari	119680	0.0457	0.0466	35.8	46.3	46.6	-0.3%	0.2%	46.5
328	1.5	61	3170921	139383	1000eU	transect (vari	129715	0.0409	0.0419	36.2	45.5	45.7	-0.6%	0.0%	45.7
69	1.5	60	645362	43546	1000eU	transect (vari	34193	0.0530	0.0578	51.2	69.2	71.3	-0.9%	2.1%	69.8
403	1.5	56	3283470	151703	1000eU	transect (vari	143556	0.0437	0.0446	53.8	68.8	69.1	0.1%	0.6%	68.7
366	1.5	53	2671067	130984	1000eU	transect (vari	123686	0.0463	0.0472	59.4	77.2	77.6	-0.8%	-0.2%	77.8
234	1.5	54	1772762	90968	1000eU	transect (vari	83392	0.0471	0.0485	38.4	50.1	50.6	-0.4%	0.4%	50.4
120	1.5	40	498831	37114	1000eU	transect (vari	32957	0.0661	0.0689	41.6	61.1	62.2	0.0%	1.8%	61.0
403	1.5	57	3401783	154708	1000eU	transect (vari	146267	0.0430	0.0438	39.4	50.2	50.4	-1.0%	-0.5%	50.7
238	1.5	50	1545855	84390	1000eU	transect (vari	77895	0.0504	0.0518	61.5	81.9	82.6	-0.3%	0.5%	82.2
130	1.5	44	653884	44380	1000eU	transect (vari	38350	0.0602	0.0628	46.9	66.2	67.3	0.0%	1.6%	66.2
124	1.5	46	681694	45219	1000eU	transect (vari	39722	0.0583	0.0610	56.8	79.3	80.6	-0.1%	1.6%	79.3
185	1.5	48	1107404	65252	1000eU	transect (vari	59266	0.0535	0.0553	46.0	62.4	63.1	0.1%	1.2%	62.3
164	1.5	57	1384349	72970	1000eU	transect (vari	64529	0.0466	0.0487	57.4	74.7	75.6	-0.1%	1.1%	74.7
112	1.5	42	513297	37390	1000eU	transect (vari	32807	0.0639	0.0669	58.5	84.6	86.3	0.1%	2.0%	84.6
242	1.5	40	1005975	66394	1000eU	transect (vari	62237	0.0619	0.0633	54.2	77.4	78.1	-0.2%	0.6%	77.6
128	1.5	39	505814	37855	1000eU	transect (vari	33904	0.0670	0.0696	31.9	47.1	47.9	0.2%	1.8%	47.0
151	1.5	62	1508038	76146	1000eU	transect (vari	66159	0.0439	0.0461	61.1	78.2	79.2	0.0%	1.4%	78.2
340	1.5	55	2672121	127918	1000eU	transect (vari	120059	0.0449	0.0459	57.0	73.4	73.9	0.1%	0.7%	73.3
350	1.5	58	3058975	139280	1000eU	transect (vari	130540	0.0427	0.0436	63.1	80.2	80.7	-0.9%	-0.3%	80.9
266	1.5	61	2571539	116691	1000eU	transect (vari	107023	0.0416	0.0429	64.0	80.9	81.5	0.0%	0.8%	80.8
142	1.5	56	1156955	64007	1000eU	transect (vari	55860	0.0483	0.0506	61.3	80.6	81.8	0.0%	1.4%	80.6
57	1.5	46	313359	26277	1000eU	transect (vari	21230	0.0678	0.0736	43.7	64.8	67.3	-0.4%	3.4%	65.1
191	1.5	52	1341813	73642	1000eU	transect (vari	66617	0.0497	0.0514	34.1	45.1	45.6	-0.5%	0.6%	45.3
108	1.5	55	848791	51358	1000eU	transect (vari	43499	0.0513	0.0543	61.3	82.0	83.6	0.0%	1.9%	82.0
212	1.5	57	1789524	89386	1000eU	transect (vari	80945	0.0452	0.0468	44.6	57.6	58.1	-0.7%	0.3%	57.9
153	1.5	53	1116593	63250	1000eU	transect (vari	55952	0.0501	0.0523	46.9	62.4	63.2	-0.1%	1.2%	62.4
124	1.5	55	974538	56638	1000eU	transect (vari	48779	0.0501	0.0528	37.1	49.3	50.1	0.2%	1.9%	49.2
270	1.5	57	2279110	109222	1000eU	transect (vari	100781	0.0442	0.0455	53.6	68.7	69.2	0.3%	1.1%	68.5
79	1.5	66	894060	53918	1000eU	transect (vari	42601	0.0477	0.0519	58.9	77.0	79.0	-0.7%	1.9%	77.6
118	1.5	42	540795	38902	1000eU	transect (vari	34319	0.0635	0.0663	56.7	81.9	83.4	0.2%	2.0%	81.7
148	1.5	49	923221	55988	1000eU	transect (vari	49750	0.0539	0.0562	55.5	75.4	76.5	0.0%	1.4%	75.5
104	1.5	52	730621	46498	1000eU	transect (vari	39473	0.0540	0.0572	62.1	84.6	86.3	0.3%	2.3%	84.3
325	1.5	59	2333269	131338	1000eU	transect (vari	120784	0.0422	0.0433	66.0	83.7	84.2	-0.1%	0.5%	83.8
210	1.5	46	1154481	68955	1000eU	transect (vari	63458	0.0550	0.0566	35.5	48.6	49.1	-0.5%	0.4%	48.9
195	1.5	42	893686	58306	1000eU	transect (vari	53723	0.0601	0.0618	34.2	48.4	48.9	-0.5%	0.6%	48.6
114	1.5	67	1329555	69154	1000eU	transect (vari	57491	0.0432	0.0462	40.5	51.6	52.5	0.5%	1.9%	51.5
199	1.5	60	1861262	90346	1000eU	transect (vari	80993	0.0435	0.0452	39.8	50.8	51.3	0.0%	1.0%	50.8
100	1.5	51	675760	44115	1000eU	transect (vari	37358	0.0553	0.0586	36.1	49.5	50.5	0.4%	2.5%	49.3
140	1.5	57	1181761	64762	1000eU	transect (vari	56321	0.0477	0.0501	38.3	50.2	50.9	-0.1%	1.4%	50.2
197	1.5	42	902852	58810	1000eU	transect (vari	54227	0.0601	0.0618	34.2	48.4	48.9	-0.7%	0.4%	48.7
225	1.5	42	1031176	65866	1000eU	transect (vari	61283	0.0594	0.0609	34.0	47.9	48.3	-1.8%	-0.9%	48.8
144	1.5	55	1131722	63238	1000eU	transect (vari	55379	0.0489	0.0513	37.8	49.9	50.6	-0.1%	1.4%	49.9
70	1.5	49	436659	33056	1000eU	transect (vari	26818	0.0614	0.0662	34.8	49.6	51.1	1.1%	4.2%	49.0
217	1.5	61	2097835	98757	1000eU	transect (vari	89089	0.0425	0.0440	39.9	50.6	51.1	-0.3%	0.6%	50.8
155	1.5	42	710366	48226	1000eU	transect (vari	43643	0.0615	0.0636	34.1	48.5	49.2	-0.3%	1.0%	48.7
215	1.5	54	1628838	84812	1000eU	transect (vari	77236	0.0474	0.0490	38.0	49.7	50.1	-0.2%	0.7%	49.8
83	1.5	57	700615	45268	1000eU	transect (vari	36827	0.0526	0.0566	37.2	50.2	51.4	0.0%	2.5%	50.2
318	1.5	41	1388822	86963	1000eU	transect (vari	82595	0.0595	0.0605	34.1	47.9	48.2	-1.1%	-0.4%	48.4
65	1.5	70	827487	52											

135	1.5	54	1022759	58892	1000eU	transect (vari	51316	0.0502	0.0527	37.4	49.8	50.5	0.0%	1.5%	49.8
238	1.5	40	989347	65434	1000eU	transect (vari	61277	0.0620	0.0634	33.7	48.1	48.6	-1.0%	-0.1%	48.6
337	1.5	57	2844667	132136	1000eU	transect (vari	123695	0.0435	0.0445	39.3	50.2	50.5	0.0%	0.6%	50.2
112	2.0	50	727461	46590	1000eU	transect (vari	33600	0.0464	0.0551	37.7	48.9	51.6	-0.7%	4.7%	49.3
42	2.0	44	211255	21148	1000eU	transect (vari	11088	0.0530	0.0763	35.1	47.4	55.0	-2.7%	12.8%	48.8
54	2.0	46	296867	25899	1000eU	transect (vari	14904	0.0506	0.0687	36.2	48.3	54.1	-1.6%	10.2%	49.0
225	2.0	48	1346843	76772	1000eU	transect (vari	64800	0.0482	0.0526	36.6	48.1	49.4	-2.1%	0.6%	49.1
302	2.0	57	2549227	120166	1000eU	transect (vari	103284	0.0406	0.0438	39.9	50.1	51.1	-0.3%	1.6%	50.2
187	2.0	42	857022	56290	1000eU	transect (vari	47124	0.0551	0.0603	34.7	47.6	49.1	-2.4%	0.8%	48.7
271	2.0	40	1126526	73354	1000eU	transect (vari	65040	0.0578	0.0614	34.0	47.4	48.5	-2.3%	0.0%	48.5
74	2.0	39	292424	25219	1000eU	transect (vari	17316	0.0595	0.0727	33.9	47.7	51.9	-1.8%	6.9%	48.6
180	2.0	62	1797661	86934	1000eU	transect (vari	66960	0.0374	0.0428	41.3	50.9	52.6	-0.2%	3.0%	51.0
434	2.0	55	3410894	158938	1000eU	transect (vari	143220	0.0420	0.0443	38.5	48.7	49.4	-2.3%	-1.0%	49.9
154	2.0	58	1345949	71072	1000eU	transect (vari	53592	0.0400	0.0463	39.8	49.7	51.6	-1.3%	2.5%	50.4
70	2.0	61	676721	44955	1000eU	transect (vari	25620	0.0382	0.0522	41.4	51.3	55.8	0.7%	9.5%	50.9
153	2.0	56	1246578	67703	1000eU	transect (vari	51408	0.0414	0.0478	39.3	49.5	51.5	-1.0%	2.8%	50.1
260	2.0	46	1429358	82755	1000eU	transect (vari	71760	0.0503	0.0541	36.0	47.9	49.0	-1.6%	0.6%	48.7
277	2.0	52	1945980	100474	1000eU	transect (vari	86424	0.0445	0.0480	37.2	47.8	48.8	-3.4%	-1.4%	49.5
184	2.0	55	1446089	76438	1000eU	transect (vari	60720	0.0421	0.0474	38.1	48.3	49.9	-3.2%	-0.1%	49.9
62	2.0	57	523351	38086	1000eU	transect (vari	21204	0.0408	0.0567	39.9	50.1	55.2	-0.1%	10.0%	50.2
237	2.0	53	1729625	89962	1000eU	transect (vari	75366	0.0437	0.0478	38.3	49.0	50.2	-1.2%	1.2%	49.6
167	2.0	55	1312483	70828	1000eU	transect (vari	55110	0.0421	0.0480	39.4	49.9	51.6	-0.1%	3.5%	49.9
253	2.0	57	2135611	103408	1000eU	transect (vari	86526	0.0406	0.0445	39.6	49.7	50.9	-1.0%	1.3%	50.2
104	2.0	66	1176991	63818	1000eU	transect (vari	41184	0.0352	0.0446	42.9	52.2	55.2	1.0%	6.8%	51.7
304	2.0	42	1393234	85774	1000eU	transect (vari	76608	0.0551	0.0583	34.5	47.2	48.2	-2.6%	-0.6%	48.5
344	2.0	49	2145865	113612	1000eU	transect (vari	101136	0.0472	0.0500	36.8	48.0	48.8	-2.1%	-0.4%	49.0
273	2.0	52	1917879	99226	1000eU	transect (vari	85176	0.0445	0.0481	38.1	48.9	50.0	-1.1%	1.1%	49.5
246	2.0	59	2224800	105172	1000eU	transect (vari	87084	0.0392	0.0432	40.6	50.5	51.7	-0.1%	2.3%	50.6
149	1.5	46	819132	52119	800eU	transect (vari	46622	0.0569	0.0592	34.0	47.1	47.8	-0.2%	1.2%	47.2
157	1.5	42	719532	48730	800eU	transect (vari	44147	0.0614	0.0635	39.0	55.6	56.3	-0.1%	1.3%	55.6
121	1.5	67	1411194	71968	800eU	transect (vari	60305	0.0427	0.0455	60.7	77.2	78.5	0.2%	1.9%	77.0
180	1.5	60	1683553	83506	800eU	transect (vari	74153	0.0441	0.0459	58.8	75.3	76.2	-0.1%	1.0%	75.4
377	1.5	51	2547614	128877	800eU	transect (vari	122120	0.0479	0.0488	45.2	59.3	59.6	-1.0%	-0.5%	59.9
163	1.5	57	1375907	72628	800eU	transect (vari	64187	0.0467	0.0487	56.7	73.7	74.6	-0.1%	1.1%	73.8
149	1.5	42	682868	46714	800eU	transect (vari	42131	0.0617	0.0639	34.0	48.6	49.2	-0.3%	1.1%	48.7
221	1.5	42	1012844	64858	800eU	transect (vari	60275	0.0595	0.0610	32.7	46.0	46.5	-1.6%	-0.7%	46.8
70	1.5	55	550143	38818	800eU	transect (vari	30959	0.0563	0.0610	54.7	75.4	77.7	-0.4%	2.6%	75.7
326	1.5	49	2033582	108320	800eU	transect (vari	102082	0.0502	0.0512	54.3	72.2	72.6	0.0%	0.7%	72.2
155	1.5	61	1498453	76055	800eU	transect (vari	66387	0.0443	0.0465	44.2	56.8	57.5	0.2%	1.5%	56.6
159	1.5	42	728698	49234	800eU	transect (vari	44851	0.0613	0.0634	31.4	44.6	45.2	-0.6%	0.7%	44.9
158	1.5	54	1197006	66344	800eU	transect (vari	58768	0.0491	0.0512	58.0	76.5	77.5	0.0%	1.3%	76.5
65	1.5	57	548675	39112	800eU	transect (vari	30671	0.0559	0.0610	46.6	64.2	66.2	-1.1%	2.1%	64.9
163	1.5	41	711881	48833	800eU	transect (vari	44465	0.0625	0.0645	32.2	46.2	46.8	0.0%	1.3%	46.2
168	1.5	70	2138736	96021	800eU	transect (vari	83291	0.0390	0.0409	60.1	74.7	75.5	0.5%	1.7%	74.3
229	1.5	44	1151841	70516	800eU	transect (vari	65486	0.0569	0.0583	54.3	75.3	75.9	-0.3%	0.7%	75.5
346	1.5	54	2621293	127256	800eU	transect (vari	119680	0.0457	0.0466	47.2	61.0	61.4	0.2%	0.7%	60.9
328	1.5	61	3170921	139383	800eU	transect (vari	129715	0.0409	0.0419	46.9	58.9	59.3	0.0%	0.6%	58.9
69	1.5	60	645362	43546	800eU	transect (vari	34193	0.0530	0.0578	51.3	69.3	71.4	-0.8%	2.2%	69.9
403	1.5	56	3283470	151703	800eU	transect (vari	143556	0.0437	0.0446	60.5	77.4	77.7	0.0%	0.5%	77.4
366	1.5	53	2671067	130984	800eU	transect (vari	123686	0.0463	0.0472	34.1	44.2	44.5	-1.1%	-0.5%	44.7
234	1.5	54	1772782	90968	800eU	transect (vari	83392	0.0471	0.0485	53.9	70.3	70.9	0.1%	1.0%	70.2
120	1.5	40	498831	37114	800eU	transect (vari	32957	0.0661	0.0689	45.9	67.3	68.5	0.0%	1.8%	67.3
403	1.5	57	3401783	154708	800eU	transect (vari	146267	0.0430	0.0438	44.0	56.0	56.3	-0.9%	-0.5%	56.6
238	1.5	50	1545855	84390	800eU	transect (vari	77895	0.0504	0.0518	45.2	60.1	60.6	-0.3%	0.6%	60.3
130	1.5	44	653884	44380	800eU	transect (vari	39350	0.0602	0.0628	32.7	46.2	46.9	-0.1%	1.5%	46.2
124	1.5	46	681694	45219	800eU	transect (vari	39722	0.0583	0.0610	33.0	46.0	46.8	-0.4%	1.2%	46.2
185	1.5	48	1107404	65252	800eU	transect (vari	59266	0.0535	0.0553	54.3	73.6	74.5	0.0%	1.2%	73.6
164	1.5	57	1384349	72970	800eU	transect (vari	64529	0.0466	0.0487	54.4	70.7	71.6	-0.1%	1.1%	70.8
112	1.5	42	513297	37390	800eU	transect (vari	32807	0.0639	0.0669	49.7	71.9	73.2	0.0%	1.9%	71.9
242	1.5	40	1005975	66394	800eU	transect (vari	62237	0.0619	0.0633	50.6	72.2	72.9	-0.2%	0.7%	72.4
128	1.5	39	505814	37855	800eU	transect (vari	33904	0.0670	0.0696	40.1	59.2	60.2	0.0%	1.7%	59.2
151	1.5	62	1508038	76146	800eU	transect (vari	66159	0.0439	0.0461	38.2	48.9	49.6	0.0%	1.4%	48.9
340	1.5	55	2672121	127918	800eU	transect (vari	120059	0.0449	0.0459	54.1	69.6	70.0	0.2%	0.8%	69.5
350	1.5	58	3058975	139280	800eU	transect (vari	130540	0.0427	0.0436	48.5	61.6	62.0	-0.9%	-0.4%	62.2
266	1.5	61	2571599	116169	800eU	transect (vari	110723	0.0416	0.0429	46.4	58.6	59.0	0.3%	1.0%	58.4
142	1.5	56	1156955	64007	800eU	transect (vari	55860	0.0483	0.0506	44.5	58.5	59.3	-0.2%	1.2%	58.8
57	1.5	46	313359	26727	800eU	transect (vari	21230	0.0678	0.0736	32.7	48.4	50.3	2.8%	6.8%	47.1
191	1.5	52	1341813	73642	800eU	transect (vari	66617	0.0497	0.0514	58.4	77.4	78.2	0.0%	1.1%	77.4
108	1.5	55	848791	51358	800eU	transect (vari	43499	0.0513	0.0543	38.3	51.2	52.2	0.0%	1.9%	51.2
212	1.5	57	1789524	89386	800eU	transect (vari	80945	0.0452	0.0468	49.8	64.3	64.9	-0.5%	0.4%	64.6
153	1.5	53	1116593	63250	800eU	transect (vari	55952	0.0501	0.0523	35.7	47.5	48.1	0.1%	1.5%	47.4
124	1.5	55	974538	56638	800eU	transect (vari	48779	0.0501	0.0528	54.4	72.3	73.5	-0.3%	1.3%	72.5
270	1.5	57	2279110	109222	800eU	transect (vari	100781	0.0442	0.0455	60.0	77.0	77.5	0.1%	0.9%	76.8
79	1.5	66	894060	53918	800eU	transect (vari	42601	0.0477	0.0519	39.2	51.3	52.6	-0.5%	2.1%	51.5
118	1.5	42	540795	38902	800eU	transect (vari	34319	0.0635	0.0663	52.2	75.3	76.7	0.1%	1.9%	75.3
148	1.5	49	923221	55988	800eU	transect (vari	49750	0.0539	0.0562	41.4	56.3	57.1	0.0%	1.4%	56.3
104	1.5	52	730621	46498	800eU	transect (vari	39473	0.0540	0.0572	33.2	45.2	46.1	0.9%	2.9%	44.8
325	1.5	59	2939269	133138	800eU	transect (vari	124094	0.0422	0.0433	51.5	65.3	65.7	0.3%	0.9%	65.1
252	1.5	46	1385377	80547	800eU	transect (vari	75050	0.0542	0.0555	33.7	45.9	46.3	-1.5%	-0.7%	46.7
155	1.5	42	710366	48226	800eU	transect (vari	43643	0.0615	0.0636	32.7	46.6	47.2	-0.2%	1.1%	46.7
80	1.5	67	933021	55486	800eU	transect (vari	43823	0.0							

276	1.5	49	1721683	93620	800eU	transect (vari	87382	0.0508	0.0520	34.7	46.3	46.6	-0.4%	0.4%	46.5
65	1.5	61	628384	43125	800eU	transect (vari	33457	0.0533	0.0584	35.2	47.6	49.2	0.7%	4.0%	47.3
241	1.5	42	1104505	69898	800eU	transect (vari	65315	0.0591	0.0605	32.7	45.9	46.3	-1.9%	-1.0%	46.8
213	1.5	54	1613686	84164	800eU	transect (vari	76588	0.0475	0.0490	35.7	46.6	47.1	-0.5%	0.5%	46.8
132	1.5	57	1114232	62026	800eU	transect (vari	53585	0.0481	0.0506	35.8	47.0	47.7	0.0%	1.5%	47.0
326	1.5	41	1423761	88931	800eU	transect (vari	84563	0.0594	0.0604	32.5	45.8	46.1	-1.7%	-1.1%	46.6
216	1.5	70	2749804	116181	800eU	transect (vari	103451	0.0376	0.0392	38.2	47.1	47.6	-1.8%	-0.9%	48.0
169	1.5	44	850049	54676	800eU	transect (vari	49646	0.0584	0.0604	33.2	46.5	47.0	-0.5%	0.7%	46.7
67	1.5	54	507591	36860	800eU	transect (vari	29284	0.0577	0.0627	34.1	47.4	48.9	1.7%	4.9%	46.6
63	1.5	61	609049	42393	800eU	transect (vari	32725	0.0537	0.0599	35.1	47.7	49.2	0.9%	4.3%	47.2
180	1.5	60	1683553	83506	800eU	transect (vari	74153	0.0441	0.0459	36.6	46.9	47.4	-0.8%	0.3%	47.3
58	1.5	56	472559	35783	800eU	transect (vari	27636	0.0585	0.0642	34.1	47.7	49.4	1.9%	5.6%	46.8
148	1.5	53	1080103	61660	800eU	transect (vari	54362	0.0503	0.0526	35.1	46.7	47.4	0.2%	1.6%	46.6
183	1.5	54	1386406	74444	800eU	transect (vari	68868	0.0482	0.0501	35.5	46.7	47.2	-0.3%	0.8%	46.8
236	1.5	40	981034	64954	800eU	transect (vari	60797	0.0620	0.0634	32.4	46.3	46.7	-1.1%	-0.2%	46.8
161	1.5	57	1359025	71944	800eU	transect (vari	63503	0.0467	0.0488	36.1	46.9	47.5	0.1%	1.4%	46.9
208	2.0	50	1351000	75390	800eU	transect (vari	62400	0.0463	0.0510	35.2	45.8	47.1	-2.0%	0.8%	46.7
56	2.0	44	281673	24844	800eU	transect (vari	14784	0.0529	0.0704	33.9	45.9	51.2	-1.9%	9.6%	46.7
69	2.0	46	379330	30039	800eU	transect (vari	19044	0.0505	0.0647	34.4	45.9	50.1	-2.2%	6.8%	46.9
133	2.0	48	796134	50276	800eU	transect (vari	38304	0.0483	0.0566	34.9	45.9	48.0	-1.7%	2.9%	46.7
177	2.0	57	1494083	77416	800eU	transect (vari	60534	0.0406	0.0462	37.1	46.6	48.2	-0.6%	2.8%	46.9
183	2.0	42	838690	55282	800eU	transect (vari	46116	0.0551	0.0605	33.1	45.3	46.8	-3.3%	0.0%	46.8
269	2.0	40	1118212	72874	800eU	transect (vari	64560	0.0578	0.0615	32.5	45.2	46.3	-3.1%	-0.9%	46.7
97	2.0	39	383312	30601	800eU	transect (vari	22698	0.0594	0.0695	32.6	45.9	48.9	-2.1%	4.4%	46.9
108	2.0	62	1078597	60150	800eU	transect (vari	40176	0.0374	0.0465	38.2	47.0	49.6	-0.7%	4.8%	47.3
355	2.0	55	2790009	132868	800eU	transect (vari	117150	0.0421	0.0448	36.2	45.8	46.6	-1.9%	-0.3%	46.7
292	2.0	58	2552059	119096	800eU	transect (vari	101616	0.0399	0.0433	37.0	46.3	47.2	-1.5%	0.5%	47.0
246	2.0	61	2378191	109371	800eU	transect (vari	90036	0.0380	0.0419	38.0	47.0	48.1	-0.5%	1.9%	47.2
41	2.0	56	334050	30071	800eU	transect (vari	13776	0.0417	0.0656	36.9	46.6	54.0	-0.5%	15.2%	46.8
95	2.0	46	522265	37215	800eU	transect (vari	26220	0.0504	0.0607	34.5	45.9	48.9	-1.2%	5.3%	46.4
250	2.0	52	1756300	92050	800eU	transect (vari	78000	0.0445	0.0484	35.7	45.8	46.9	-2.0%	0.3%	46.7
48	2.0	55	377241	31558	800eU	transect (vari	15840	0.0424	0.0628	36.6	46.4	52.6	-1.3%	11.9%	47.0
188	2.0	57	1586936	81178	800eU	transect (vari	64296	0.0406	0.0458	36.6	46.0	47.4	-2.3%	0.8%	47.1
194	2.0	53	1415811	76288	800eU	transect (vari	61692	0.0437	0.0487	36.1	46.2	47.6	-1.0%	2.0%	46.7
267	2.0	55	2098401	103828	800eU	transect (vari	88110	0.0421	0.0457	36.6	46.3	47.4	-0.8%	1.4%	46.7
73	2.0	57	616204	41848	800eU	transect (vari	24966	0.0408	0.0542	36.6	46.0	49.9	-1.9%	6.4%	46.9
95	2.0	66	1075136	60254	800eU	transect (vari	37620	0.0352	0.0455	39.0	47.5	50.4	-0.5%	5.8%	47.7
66	2.0	42	302478	25798	800eU	transect (vari	16632	0.0553	0.0702	33.4	45.9	50.4	-1.5%	8.2%	46.6
167	2.0	49	1041743	61574	800eU	transect (vari	49098	0.0473	0.0531	34.9	45.6	47.2	-1.9%	1.7%	46.5
253	2.0	52	1777375	92986	800eU	transect (vari	78936	0.0445	0.0494	35.8	46.0	47.1	-1.3%	1.0%	46.7
185	2.0	59	1673122	83678	800eU	transect (vari	65490	0.0393	0.0446	37.6	46.8	48.3	-0.4%	2.8%	47.0
149	1.5	46	819132	52119	600eU	transect (vari	48622	0.0569	0.0592	44.7	61.9	62.8	0.0%	1.4%	61.9
157	1.5	42	719532	48730	600eU	transect (vari	44147	0.0614	0.0635	36.7	52.3	53.0	-0.1%	1.2%	52.4
121	1.5	67	1411194	71968	600eU	transect (vari	60305	0.0427	0.0455	46.6	59.2	60.2	0.3%	2.0%	59.0
180	1.5	60	1683553	83506	600eU	transect (vari	74153	0.0441	0.0459	50.7	65.0	65.7	-0.1%	1.0%	65.1
377	1.5	51	2547614	128877	600eU	transect (vari	122120	0.0479	0.0488	48.9	64.1	64.4	-1.0%	-0.5%	64.7
163	1.5	57	1375907	72628	600eU	transect (vari	64187	0.0467	0.0487	33.7	43.8	44.4	0.3%	1.5%	43.7
149	1.5	42	682868	46714	600eU	transect (vari	42131	0.0617	0.0639	34.8	49.7	50.4	-0.3%	1.1%	49.8
221	1.5	42	1012844	64858	600eU	transect (vari	60275	0.0595	0.0610	46.6	65.6	66.3	-1.1%	-0.2%	66.4
70	1.5	55	550143	38818	600eU	transect (vari	30959	0.0563	0.0610	41.3	57.0	58.7	-0.4%	2.6%	57.2
326	1.5	49	2033582	108320	600eU	transect (vari	102082	0.0502	0.0512	37.8	50.2	50.5	-0.3%	0.3%	50.4
155	1.5	61	1498453	76065	600eU	transect (vari	66397	0.0443	0.0465	46.3	59.4	60.1	0.3%	1.6%	59.2
159	1.5	42	728698	49234	600eU	transect (vari	44651	0.0613	0.0634	43.7	62.2	63.1	-0.1%	1.3%	62.3
158	1.5	54	1197006	66344	600eU	transect (vari	58768	0.0491	0.0512	50.6	66.8	67.7	0.1%	1.4%	66.8
65	1.5	57	548675	39112	600eU	transect (vari	30671	0.0559	0.0610	32.7	45.0	46.4	2.1%	5.4%	44.0
163	1.5	41	711881	48833	600eU	transect (vari	44465	0.0625	0.0645	31.2	44.8	45.4	0.0%	1.3%	44.8
168	1.5	70	2138736	96021	600eU	transect (vari	83291	0.0390	0.0409	47.2	58.7	59.4	0.5%	1.7%	58.4
229	1.5	44	1151841	70516	600eU	transect (vari	65486	0.0569	0.0583	48.4	67.0	67.6	-0.2%	0.7%	67.2
346	1.5	54	2621293	127256	600eU	transect (vari	119680	0.0457	0.0466	46.4	60.0	60.3	0.1%	0.7%	59.9
328	1.5	61	3170921	139383	600eU	transect (vari	129715	0.0409	0.0419	54.4	68.3	68.8	0.1%	0.7%	68.2
69	1.5	60	645362	43546	600eU	transect (vari	34193	0.0530	0.0578	35.5	48.0	49.5	0.6%	3.6%	47.7
403	1.5	56	3283470	151703	600eU	transect (vari	143556	0.0437	0.0446	45.5	58.2	58.5	-0.1%	0.4%	58.2
366	1.5	53	2671067	130984	600eU	transect (vari	123686	0.0463	0.0472	52.3	67.9	68.3	-0.8%	-0.3%	68.4
234	1.5	54	1772762	90968	600eU	transect (vari	83392	0.0471	0.0485	34.7	45.2	45.6	-0.8%	0.0%	45.6
120	1.5	40	489351	37114	600eU	transect (vari	32957	0.0661	0.0689	36.8	54.0	54.9	0.1%	1.9%	53.9
403	1.5	57	3401783	154708	600eU	transect (vari	146267	0.0430	0.0438	62.1	66.3	66.6	-0.9%	-0.6%	65.9
238	1.5	50	1545855	84390	600eU	transect (vari	77895	0.0504	0.0518	45.8	61.0	61.5	-0.2%	0.6%	61.1
130	1.5	44	653884	44380	600eU	transect (vari	38350	0.0602	0.0628	31.9	45.1	45.8	-0.1%	1.5%	45.1
124	1.5	46	681694	45219	600eU	transect (vari	39722	0.0583	0.0610	34.4	48.1	48.9	-0.4%	1.3%	48.2
185	1.5	48	1107404	65252	600eU	transect (vari	59266	0.0535	0.0553	47.5	64.4	65.1	0.1%	1.3%	64.3
164	1.5	57	1384349	72970	600eU	transect (vari	64529	0.0466	0.0487	38.0	49.4	50.0	0.0%	1.3%	49.4
112	1.5	42	513297	37390	600eU	transect (vari	32807	0.0639	0.0669	43.4	62.9	64.1	0.0%	1.9%	62.9
242	1.5	40	1005975	66394	600eU	transect (vari	62237	0.0619	0.0633	42.3	60.5	61.0	-0.2%	0.7%	60.6
128	1.5	39	505814	37855	600eU	transect (vari	33904	0.0670	0.0696	37.3	55.1	56.0	0.1%	1.7%	55.0
151	1.5	62	1508038	76146	600eU	transect (vari	66159	0.0439	0.0461	34.9	44.7	45.2	0.0%	1.3%	44.7
340	1.5	55	2672121	127918	600eU	transect (vari	120059	0.0449	0.0459	44.3	57.1	57.4	0.1%	0.7%	57.0
350	1.5	58	3058975	139280	600eU	transect (vari	130540	0.0427	0.0436	45.7	58.1	58.4	-1.0%	-0.4%	58.6
266	1.5	61	2571539	116691	600eU	transect (vari	107023	0.0416	0.0429	47.0	59.4	59.8	0.3%	1.0%	59.2
142	1.5	56	1156955	64007	600eU	transect (vari	55860	0.0483	0.0506	40.6	53.4	54.1	0.0%	1.4%	53.4
57	1.5	46	313359	26727	600eU	transect (vari	21230	0.0678	0.0736	42.5	63.1	65.5	-0.1%	3.7%	63.2
191	1.5	52	1341813	73642	600eU	transect (vari	66617	0.0497	0.0514	50.1	66.3	67.0</			

118	1.5	42	540795	38902	600eU	transect (vari	34319	0.0635	0.0663	44.0	63.5	64.6	0.1%	1.9%	63.4
148	1.5	49	923221	55988	600eU	transect (vari	49750	0.0539	0.0562	46.8	63.6	64.5	-0.1%	1.3%	63.7
104	1.5	52	730621	46498	600eU	transect (vari	39473	0.0540	0.0572	45.2	61.6	62.8	-0.3%	1.7%	61.7
325	1.5	59	2939269	133138	600eU	transect (vari	124094	0.0422	0.0433	52.9	67.0	67.5	0.3%	0.9%	66.8
75	1.5	46	412315	31695	600eU	transect (vari	26198	0.0636	0.0680	31.8	45.9	47.2	1.7%	4.6%	45.2
78	1.5	42	357475	28822	600eU	transect (vari	24239	0.0678	0.0721	31.1	46.2	47.5	1.8%	4.6%	45.4
181	1.5	67	2110960	96088	600eU	transect (vari	84425	0.0400	0.0418	35.7	44.7	45.2	-1.2%	-0.1%	45.2
398	1.5	60	3722524	161986	600eU	transect (vari	152633	0.0410	0.0419	35.3	44.4	44.7	-0.5%	0.0%	44.7
173	1.5	51	1169064	66453	600eU	transect (vari	59696	0.0511	0.0530	33.5	44.8	45.3	0.1%	1.3%	44.7
47	1.5	57	396734	32956	600eU	transect (vari	24515	0.0618	0.0689	32.5	46.5	48.6	4.0%	8.8%	44.7
124	1.5	42	568293	40414	600eU	transect (vari	35831	0.0631	0.0658	31.6	45.5	46.3	0.0%	1.7%	45.5
110	1.5	42	504131	36886	600eU	transect (vari	32303	0.0641	0.0671	31.5	45.6	46.5	0.2%	2.1%	45.6
185	1.5	55	1453948	76768	600eU	transect (vari	68909	0.0474	0.0492	34.2	44.7	45.1	-0.8%	0.2%	45.0
326	1.5	49	2033582	108320	600eU	transect (vari	102082	0.0502	0.0512	33.4	44.5	44.7	-0.7%	-0.1%	44.8
76	1.5	61	734726	47151	600eU	transect (vari	37483	0.0510	0.0554	34.0	45.4	46.7	1.0%	3.8%	45.0
209	1.5	42	957848	61834	600eU	transect (vari	57251	0.0598	0.0614	31.9	45.0	45.5	-1.1%	-0.1%	45.5
131	1.5	54	992455	57596	600eU	transect (vari	50020	0.0504	0.0530	33.8	44.9	45.6	0.1%	1.6%	44.9
87	1.5	57	734380	46636	600eU	transect (vari	38195	0.0520	0.0559	33.7	45.3	46.4	0.8%	3.2%	44.9
185	1.5	41	807963	54245	600eU	transect (vari	49877	0.0617	0.0635	31.7	45.2	45.7	-0.2%	0.9%	45.3
193	1.5	70	2457001	106521	600eU	transect (vari	93791	0.0382	0.0399	36.2	44.8	45.3	-0.9%	0.2%	45.2
49	1.5	44	246464	22996	600eU	transect (vari	17966	0.0729	0.0797	30.7	47.1	49.3	4.1%	8.8%	45.3
209	1.5	54	1583382	82868	600eU	transect (vari	75292	0.0476	0.0492	34.1	44.6	45.1	0.0%	1.0%	44.6
264	1.5	61	2552205	115959	600eU	transect (vari	106291	0.0417	0.0429	35.3	44.6	45.0	-0.3%	0.4%	44.8
124	1.5	60	1159781	63346	600eU	transect (vari	53993	0.0466	0.0493	34.6	44.9	45.7	-0.3%	1.3%	45.1
299	1.5	56	2436123	116759	600eU	transect (vari	108612	0.0446	0.0457	34.6	44.5	44.8	-0.3%	0.4%	44.6
143	1.5	53	1043613	60070	600eU	transect (vari	52772	0.0506	0.0529	33.7	44.9	45.5	0.4%	1.8%	44.7
257	1.5	54	1947029	98420	600eU	transect (vari	90844	0.0467	0.0480	34.1	44.3	44.7	-1.3%	-0.5%	44.9
221	1.5	40	918680	61354	600eU	transect (vari	57197	0.0623	0.0638	31.5	45.2	45.6	-1.0%	-0.1%	45.6
53	1.5	57	447381	35008	600eU	transect (vari	26567	0.0594	0.0657	32.8	46.1	48.0	3.4%	7.5%	44.6
116	2.0	50	753442	47790	600eU	transect (vari	34800	0.0464	0.0548	33.9	44.0	46.4	-2.1%	3.0%	45.0
245	2.0	44	1232320	74740	600eU	transect (vari	64680	0.0526	0.0566	32.0	43.1	44.2	-4.9%	-2.5%	45.4
73	2.0	46	401320	31143	600eU	transect (vari	20148	0.0505	0.0639	33.2	44.2	48.0	-2.8%	5.7%	45.4
202	2.0	48	1209165	70148	600eU	transect (vari	58176	0.0482	0.0531	33.2	43.7	45.0	-3.2%	-0.3%	45.1
274	2.0	57	2312875	110590	600eU	transect (vari	93708	0.0406	0.0442	35.2	44.1	45.1	-1.2%	0.9%	44.7
110	2.0	42	504131	36886	600eU	transect (vari	27720	0.0552	0.0641	32.4	44.4	46.9	-2.6%	3.0%	45.6
48	2.0	40	199532	19834	600eU	transect (vari	11520	0.0582	0.0786	32.0	44.6	50.9	-1.9%	11.8%	45.5
127	2.0	39	501863	37621	600eU	transect (vari	29718	0.0594	0.0671	31.7	44.6	46.8	-2.4%	2.5%	45.7
245	2.0	62	2446816	111114	600eU	transect (vari	91140	0.0373	0.0413	35.8	44.1	45.2	-1.7%	0.6%	44.9
301	2.0	55	2365613	115048	600eU	transect (vari	89330	0.0421	0.0453	34.8	44.1	45.0	-1.1%	0.8%	44.6
327	2.0	58	2857957	131276	600eU	transect (vari	113796	0.0389	0.0429	35.2	44.0	44.7	-1.7%	0.0%	44.7
228	2.0	61	2204177	102783	600eU	transect (vari	83448	0.0380	0.0423	35.7	44.1	45.2	-1.5%	1.1%	44.7
314	2.0	56	2558336	121799	600eU	transect (vari	105504	0.0413	0.0444	34.7	43.7	44.5	-2.2%	-0.4%	44.7
169	2.0	46	929082	57639	600eU	transect (vari	46644	0.0503	0.0561	33.2	44.2	45.8	-1.5%	2.1%	44.9
164	2.0	52	1152132	65218	600eU	transect (vari	51168	0.0445	0.0505	34.2	44.0	45.6	-2.1%	1.5%	44.9
130	2.0	55	1021693	58618	600eU	transect (vari	42900	0.0422	0.0497	34.0	43.1	45.1	-4.5%	-0.1%	45.1
168	2.0	57	1418113	74338	600eU	transect (vari	57456	0.0406	0.0465	35.0	44.0	45.5	-2.3%	1.1%	45.0
147	2.0	53	1072805	61342	600eU	transect (vari	46746	0.0437	0.0504	34.5	44.1	45.9	-1.3%	2.7%	44.7
312	2.0	55	2452064	118678	600eU	transect (vari	102960	0.0421	0.0452	34.9	44.1	45.0	-1.1%	0.7%	44.6
171	2.0	57	1443437	75364	600eU	transect (vari	58482	0.0406	0.0464	35.1	44.1	45.6	-1.5%	2.0%	44.7
107	2.0	66	1210943	65006	600eU	transect (vari	42372	0.0352	0.0443	36.6	44.5	46.9	-1.3%	4.2%	45.0
215	2.0	42	985346	63346	600eU	transect (vari	54180	0.0551	0.0597	32.4	44.3	45.6	-2.0%	0.8%	45.2
249	2.0	49	1553257	85682	600eU	transect (vari	73206	0.0472	0.0512	33.8	44.1	45.1	-1.5%	0.8%	44.8
282	2.0	52	1981106	102034	600eU	transect (vari	87984	0.0445	0.0480	34.2	44.0	44.9	-1.8%	0.3%	44.8
401	2.0	59	3626605	160042	600eU	transect (vari	141954	0.0392	0.0416	34.9	43.4	44.1	-2.8%	-1.4%	44.7
149	1.5	46	819132	52119	400eU	transect (vari	46622	0.0569	0.0592	32.2	44.5	45.2	-0.3%	1.1%	44.7
157	1.5	42	719532	48730	400eU	transect (vari	44147	0.0614	0.0635	31.6	45.0	45.6	-0.3%	1.0%	45.1
121	1.5	67	1411194	71968	400eU	transect (vari	60305	0.0427	0.0455	33.4	42.5	43.2	-0.4%	1.2%	42.7
180	1.5	60	1683553	83506	400eU	transect (vari	74153	0.0441	0.0459	40.4	51.8	52.3	0.0%	1.1%	51.8
377	1.5	51	2547614	128877	400eU	transect (vari	122120	0.0479	0.0488	39.9	52.4	52.7	-1.1%	-0.5%	52.9
163	1.5	57	1375907	72628	400eU	transect (vari	64187	0.0467	0.0487	34.0	44.2	44.7	0.3%	1.5%	44.1
149	1.5	42	682888	46714	400eU	transect (vari	42131	0.0617	0.0639	38.0	54.2	55.0	-0.2%	1.3%	54.3
221	1.5	42	1012844	64858	400eU	transect (vari	60275	0.0595	0.0610	38.4	54.1	54.6	-1.3%	-0.4%	54.8
70	1.5	55	550143	38818	400eU	transect (vari	30959	0.0563	0.0610	42.7	58.9	60.7	-0.6%	2.4%	59.2
326	1.5	49	2033582	108320	400eU	transect (vari	102082	0.0502	0.0512	41.4	55.0	55.4	-0.1%	0.5%	55.1
155	1.5	61	1498453	76925	400eU	transect (vari	69207	0.0443	0.0466	36.1	46.4	47.0	-0.4%	1.1%	46.5
159	1.5	42	728698	49234	400eU	transect (vari	44651	0.0613	0.0634	38.1	54.2	54.9	-0.2%	5.3%	54.3
158	1.5	54	1197006	66344	400eU	transect (vari	58768	0.0491	0.0512	32.5	42.9	43.4	-0.3%	1.0%	43.0
65	1.5	57	548675	39112	400eU	transect (vari	30671	0.0559	0.0610	32.0	44.1	45.5	2.3%	5.6%	43.1
163	1.5	41	711881	48833	400eU	transect (vari	44465	0.0625	0.0645	34.7	49.8	50.4	0.0%	1.3%	49.8
168	1.5	70	2138736	96021	400eU	transect (vari	83291	0.0390	0.0409	34.6	43.0	43.5	-0.8%	0.4%	43.3
229	1.5	44	1151841	70516	400eU	transect (vari	65486	0.0569	0.0583	35.2	48.7	49.2	-0.8%	0.1%	49.1
346	1.5	54	2621293	127256	400eU	transect (vari	119680	0.0457	0.0466	39.3	50.9	51.2	-0.1%	0.5%	50.9
328	1.5	61	3170921	139383	400eU	transect (vari	129715	0.0409	0.0419	48.2	60.6	60.9	0.1%	0.7%	60.5
69	1.5	60	645362	43546	400eU	transect (vari	34193	0.0530	0.0578	33.4	45.2	46.5	1.2%	4.3%	44.6
403	1.5	56	3283470	151703	400eU	transect (vari	143556	0.0437	0.0446	33.1	42.4	42.6	-0.6%	-0.1%	42.6
366	1.5	53	2671067	130984	400eU	transect (vari	123686	0.0463	0.0472	33.8	43.9	44.1	-1.1%	-0.5%	44.3
234	1.5	54	1772782	90968	400eU	transect (vari	83392	0.0471	0.0485	38.6	50.3	50.7	-0.4%	0.4%	50.5
120	1.5	40	498831	37114	400eU	transect (vari	32957	0.0661	0.0689	37.3	54.7	55.7	0.1%	1.9%	54.7
403	1.5	57	3401783	154708	400eU	transect (vari	146267	0.0430	0.0438	36.3	46.2	46.4	-1.0%	-0.5%	46.6
238	1.5	50	1545855	84390	400eU	transect (vari	77895	0.0504	0.0518	43.4	57.8	58.3	-0.3%	0.5%	58.0
130	1.5	44	653884	44380	400eU	transect (vari	39350	0.0602	0.0628	33.0	46.				

151	1.5	62	1508038	76146	400eU	transect (vari	66159	0.0439	0.0461	45.7	58.4	59.2	0.0%	1.4%	58.4
340	1.5	55	2672121	127918	400eU	transect (vari	120059	0.0449	0.0459	40.2	51.7	52.0	0.0%	0.6%	51.7
350	1.5	58	3058975	139280	400eU	transect (vari	130540	0.0427	0.0436	33.1	42.1	42.3	-1.1%	-0.5%	42.5
266	1.5	61	2571539	116691	400eU	transect (vari	107023	0.0416	0.0429	33.6	42.4	42.7	-0.4%	0.3%	42.6
142	1.5	56	1156955	64007	400eU	transect (vari	55860	0.0483	0.0506	37.2	48.9	49.6	0.1%	1.5%	48.9
57	1.5	46	313359	26277	400eU	transect (vari	21230	0.0678	0.0736	31.7	47.0	48.8	3.5%	7.5%	45.4
191	1.5	52	1341813	73642	400eU	transect (vari	66617	0.0497	0.0514	44.9	59.5	60.1	0.1%	1.2%	59.4
108	1.5	55	848791	51358	400eU	transect (vari	43499	0.0513	0.0543	32.4	43.4	44.2	-0.1%	1.8%	43.4
212	1.5	57	1789524	89386	400eU	transect (vari	80945	0.0452	0.0468	34.9	45.0	45.4	-1.2%	-0.3%	45.5
153	1.5	53	1116593	63250	400eU	transect (vari	55952	0.0501	0.0523	33.0	43.8	44.4	0.2%	1.6%	43.7
124	1.5	55	974538	56638	400eU	transect (vari	48779	0.0501	0.0528	41.9	55.7	56.6	-0.2%	1.4%	55.8
270	1.5	57	2279110	109222	400eU	transect (vari	100781	0.0442	0.0455	44.8	57.4	57.9	0.2%	0.9%	57.3
79	1.5	66	894060	53918	400eU	transect (vari	42601	0.0477	0.0519	42.9	56.2	57.7	-1.0%	1.5%	56.8
118	1.5	42	540795	38902	400eU	transect (vari	34319	0.0635	0.0663	30.9	44.7	45.5	0.8%	2.6%	44.3
148	1.5	49	923221	55988	400eU	transect (vari	49750	0.0539	0.0562	32.3	43.9	44.5	0.4%	1.8%	43.7
104	1.5	52	730621	46498	400eU	transect (vari	39473	0.0540	0.0572	43.9	59.7	60.9	-0.3%	1.7%	59.9
325	1.5	59	2939269	133138	400eU	transect (vari	124094	0.0422	0.0433	33.9	43.0	43.3	-0.5%	0.1%	43.2
87	1.5	46	478285	35007	400eU	transect (vari	29510	0.0617	0.0655	31.5	44.9	46.0	1.2%	3.7%	44.4
183	1.5	42	838990	55282	400eU	transect (vari	50699	0.0605	0.0623	31.4	44.4	44.9	-0.6%	0.6%	44.7
40	1.5	67	466511	39406	400eU	transect (vari	27743	0.0595	0.0678	32.5	45.8	48.3	3.9%	9.5%	44.1
360	1.5	60	3367107	148306	400eU	transect (vari	138953	0.0413	0.0422	34.4	43.4	43.6	-0.5%	0.1%	43.6
223	1.5	51	1506944	81753	400eU	transect (vari	74996	0.0498	0.0513	33.0	43.7	44.1	-0.2%	0.7%	43.8
57	1.5	57	481146	36376	400eU	transect (vari	27935	0.0581	0.0639	32.4	45.2	46.8	3.4%	7.3%	43.7
178	1.5	42	815775	54022	400eU	transect (vari	49439	0.0606	0.0625	31.3	44.4	45.0	-0.8%	0.3%	44.8
121	1.5	42	545444	39658	400eU	transect (vari	35075	0.0633	0.0660	31.1	44.8	45.6	-0.1%	1.6%	44.9
168	1.5	55	1320342	71158	400eU	transect (vari	63299	0.0480	0.0499	33.4	43.8	44.3	-0.8%	0.4%	44.1
227	1.5	49	4116022	79214	400eU	transect (vari	72976	0.0515	0.0530	32.7	43.8	44.2	-0.3%	0.6%	43.9
169	1.5	61	1633798	81189	400eU	transect (vari	71521	0.0438	0.0458	34.2	43.7	44.2	-0.6%	0.6%	43.9
243	1.5	42	1113671	70402	400eU	transect (vari	65819	0.0591	0.0605	31.2	43.9	44.3	-2.1%	-1.2%	44.8
75	1.5	54	568199	39452	400eU	transect (vari	31876	0.0561	0.0606	32.5	44.7	46.0	1.7%	4.5%	44.0
55	1.5	57	464263	35692	400eU	transect (vari	27251	0.0587	0.0648	32.3	45.2	47.0	2.9%	6.9%	44.0
61	1.5	41	266409	23741	400eU	transect (vari	19373	0.0727	0.0782	30.2	46.2	47.9	3.5%	7.3%	44.6
213	1.5	70	2711612	114921	400eU	transect (vari	102191	0.0377	0.0393	35.1	43.3	43.7	-1.6%	-0.6%	44.0
114	1.5	44	573406	40156	400eU	transect (vari	35126	0.0613	0.0642	31.4	44.7	45.5	0.3%	2.2%	44.6
121	1.5	54	916695	54356	400eU	transect (vari	46780	0.0510	0.0538	33.0	44.1	44.8	0.9%	2.6%	43.7
51	1.5	61	493040	38001	400eU	transect (vari	28333	0.0575	0.0640	32.6	45.3	47.2	3.7%	8.0%	43.7
202	1.5	60	1889321	91426	400eU	transect (vari	82073	0.0435	0.0451	34.0	43.4	43.8	-1.7%	-0.7%	44.1
245	1.5	56	1996154	98615	400eU	transect (vari	90468	0.0453	0.0467	33.8	43.6	43.9	-0.1%	0.7%	43.6
197	1.5	53	1437705	77242	400eU	transect (vari	69944	0.0467	0.0504	33.2	43.7	44.2	-0.1%	0.9%	43.8
82	1.5	54	621231	41720	400eU	transect (vari	34144	0.0550	0.0590	32.6	44.6	45.7	1.3%	3.9%	44.0
49	1.5	40	203689	20074	400eU	transect (vari	15917	0.0782	0.0850	29.6	47.0	49.2	4.5%	9.4%	45.0
296	1.5	57	2498580	118114	400eU	transect (vari	109673	0.0439	0.0450	34.0	43.5	43.8	-0.4%	0.3%	43.8
194	2.0	50	1260067	71190	400eU	transect (vari	58200	0.0463	0.0514	33.3	43.2	44.5	-2.3%	0.8%	44.2
151	2.0	44	759511	49924	400eU	transect (vari	39864	0.0526	0.0591	32.2	43.4	45.2	-2.7%	1.3%	44.6
182	2.0	46	1000550	61227	400eU	transect (vari	50232	0.0503	0.0557	32.2	42.8	44.2	-4.3%	-1.1%	44.7
161	2.0	48	963741	58340	400eU	transect (vari	46368	0.0482	0.0543	32.9	43.3	44.9	-2.4%	1.3%	44.3
77	2.0	57	649969	43216	400eU	transect (vari	26334	0.0408	0.0535	34.4	43.2	46.6	-1.2%	6.7%	43.7
185	2.0	42	847856	55786	400eU	transect (vari	46620	0.0551	0.0604	31.8	43.6	45.0	-2.9%	0.3%	44.9
256	2.0	40	1064172	69754	400eU	transect (vari	61440	0.0578	0.0617	31.4	43.8	44.9	-2.2%	0.1%	44.8
247	2.0	39	976063	65701	400eU	transect (vari	57798	0.0593	0.0633	31.1	43.7	44.8	-2.9%	-0.5%	45.0
121	2.0	62	1208428	64986	400eU	transect (vari	45012	0.0374	0.0455	34.6	42.6	44.7	-2.6%	2.2%	43.8
421	2.0	55	3308715	154648	400eU	transect (vari	138930	0.0420	0.0444	33.9	42.9	43.5	-1.7%	-0.3%	43.6
269	2.0	58	2351041	111092	400eU	transect (vari	93612	0.0399	0.0435	34.4	43.0	43.9	-1.7%	0.4%	43.7
242	2.0	61	2339521	107907	400eU	transect (vari	88572	0.0380	0.0420	34.8	43.0	44.1	-1.4%	0.9%	43.7
147	2.0	56	1197692	65687	400eU	transect (vari	49392	0.0414	0.0481	33.7	42.4	44.2	-3.0%	0.9%	43.8
81	2.0	46	445300	33351	400eU	transect (vari	22356	0.0505	0.0626	32.6	43.4	46.8	-1.5%	6.1%	44.1
242	2.0	52	1700098	89554	400eU	transect (vari	75504	0.0445	0.0486	33.5	43.1	44.1	-2.2%	0.2%	44.0
76	2.0	55	597298	40798	400eU	transect (vari	25080	0.0423	0.0552	33.9	42.9	46.4	-2.9%	4.9%	44.1
198	2.0	57	1671348	84598	400eU	transect (vari	67716	0.0406	0.0456	33.9	42.6	43.8	-3.5%	-0.6%	44.2
248	2.0	53	1809903	93460	400eU	transect (vari	78864	0.0437	0.0476	33.4	42.6	43.7	-2.7%	-0.4%	43.8
177	2.0	55	1391075	74128	400eU	transect (vari	58410	0.0421	0.0476	34.1	43.1	44.6	-1.2%	2.1%	43.7
304	2.0	57	2566109	120850	400eU	transect (vari	103968	0.0406	0.0438	34.2	43.0	43.8	-1.8%	0.1%	43.8
226	2.0	66	2557692	112130	400eU	transect (vari	89496	0.0351	0.0394	35.4	43.0	44.1	-2.0%	0.6%	43.8
117	2.0	42	536212	38650	400eU	transect (vari	29484	0.0552	0.0635	31.7	43.4	45.8	-2.4%	2.8%	44.5
309	2.0	49	1927536	103322	400eU	transect (vari	90846	0.0472	0.0504	32.9	43.0	43.8	-2.2%	-0.3%	43.9
312	2.0	52	2191862	111394	400eU	transect (vari	97344	0.0445	0.0476	33.2	42.7	43.5	-1.0%	-1.0%	43.9
192	2.0	59	1736429	86056	400eU	transect (vari	67968	0.0393	0.0444	34.6	43.1	44.4	-1.2%	1.9%	43.6
149	1.5	46	819132	52119	200eU	transect (vari	48622	0.0569	0.0592	35.1	48.6	49.3	-0.2%	1.2%	48.7
157	1.5	42	719532	48730	200eU	transect (vari	44147	0.0614	0.0635	32.5	46.2	46.9	-0.3%	1.1%	46.4
121	1.5	67	1411194	71968	200eU	transect (vari	60305	0.0427	0.0455	33.3	42.3	43.0	-0.5%	1.2%	42.5
180	1.5	60	1683553	83506	200eU	transect (vari	74153	0.0441	0.0459	34.5	44.3	44.7	0.2%	1.3%	44.2
377	1.5	51	2547614	128877	200eU	transect (vari	122120	0.0479	0.0488	32.1	42.1	42.3	-1.1%	-0.6%	42.6
163	1.5	57	1375907	72628	200eU	transect (vari	64187	0.0467	0.0487	35.4	46.1	46.6	0.2%	1.4%	46.0
149	1.5	42	682868	46714	200eU	transect (vari	42131	0.0617	0.0639	32.6	46.6	47.3	-0.4%	1.0%	46.8
221	1.5	42	1012844	64858	200eU	transect (vari	60275	0.0595	0.0610	30.4	42.7	43.2	-1.5%	-0.6%	43.4
70	1.5	55	550143	38818	200eU	transect (vari	30959	0.0563	0.0610	31.7	43.7	45.0	1.7%	4.8%	43.0
326	1.5	49	2033582	108320	200eU	transect (vari	102082	0.0502	0.0512	34.1	45.3	45.6	-0.6%	0.0%	45.6
155	1.5	61	1498453	76065	200eU	transect (vari	66397	0.0443	0.0465	32.9	42.2	42.7	-0.5%	0.8%	42.4
159	1.5	42	728698	49234	200eU	transect (vari	44651	0.0613	0.0634	33.8	48.1	48.7	-0.4%	0.9%	48.3
158	1.5	54	1197006	66344	200eU	transect (vari	58768	0.0491	0.0512	33.1	43.6	44.2	-0.3%	1.0%	43.8
65	1.5	57	548675	39112	200eU	transect (vari	30671	0.0559	0.0610	31.9	44.0	45.4	2		

403	1.5	56	3283470	151703	200eU	transect (vari	143556	0.0437	0.0446	35.7	45.6	45.8	-0.5%	0.0%	45.8
366	1.5	53	2671067	130984	200eU	transect (vari	123686	0.0463	0.0472	36.6	47.5	47.8	-1.0%	-0.5%	48.0
234	1.5	54	1772782	90968	200eU	transect (vari	83392	0.0471	0.0485	32.8	42.8	43.1	-1.0%	-0.2%	43.2
120	1.5	40	498831	37114	200eU	transect (vari	32957	0.0661	0.0689	30.8	45.2	46.1	0.2%	2.0%	45.1
403	1.5	57	3401783	154708	200eU	transect (vari	146267	0.0430	0.0438	32.7	41.6	41.8	-1.0%	-0.5%	42.0
238	1.5	50	1545855	84390	200eU	transect (vari	77895	0.0504	0.0518	34.6	46.1	46.5	-0.9%	-0.1%	46.5
130	1.5	44	653884	44380	200eU	transect (vari	39350	0.0602	0.0628	31.0	43.8	44.5	-0.1%	1.5%	43.8
124	1.5	46	681694	45219	200eU	transect (vari	39722	0.0583	0.0610	31.2	43.6	44.4	-0.5%	1.1%	43.9
185	1.5	48	1107404	65252	200eU	transect (vari	59266	0.0535	0.0553	33.2	45.0	45.5	-0.7%	0.4%	45.3
164	1.5	57	1384349	72970	200eU	transect (vari	64529	0.0466	0.0487	32.9	42.8	43.3	0.3%	1.5%	42.7
112	1.5	42	513297	37390	200eU	transect (vari	32807	0.0639	0.0669	31.9	46.2	47.0	0.2%	2.1%	46.1
242	1.5	40	1005975	66394	200eU	transect (vari	62237	0.0619	0.0633	32.0	45.8	46.2	-0.8%	0.1%	46.2
128	1.5	39	505814	37855	200eU	transect (vari	33904	0.0670	0.0696	31.1	45.9	46.7	0.1%	1.8%	45.8
151	1.5	62	1508038	76146	200eU	transect (vari	66159	0.0439	0.0461	33.3	42.7	43.2	0.0%	1.3%	42.7
340	1.5	55	2672121	127198	200eU	transect (vari	120059	0.0449	0.0459	33.4	43.0	43.2	-0.5%	0.1%	43.2
350	1.5	58	3058975	139280	200eU	transect (vari	1300540	0.0427	0.0436	33.6	42.7	42.9	-1.1%	-0.6%	43.2
266	1.5	61	2571539	116691	200eU	transect (vari	107023	0.0416	0.0429	33.9	42.8	43.2	-0.4%	0.3%	43.0
142	1.5	56	1156955	64007	200eU	transect (vari	55860	0.0483	0.0506	33.4	43.9	44.5	0.4%	1.8%	43.7
57	1.5	46	313359	26277	200eU	transect (vari	21230	0.0678	0.0736	32.2	47.8	49.6	3.1%	7.1%	46.3
191	1.5	52	1341813	73642	200eU	transect (vari	66617	0.0497	0.0514	33.1	43.9	44.3	-0.6%	0.5%	44.1
108	1.5	55	848791	51358	200eU	transect (vari	43499	0.0513	0.0543	36.2	48.4	49.3	0.0%	1.9%	48.4
212	1.5	57	1789524	89386	200eU	transect (vari	80945	0.0452	0.0468	35.3	45.6	46.0	-1.2%	-0.3%	46.1
153	1.5	53	1116593	63250	200eU	transect (vari	55952	0.0501	0.0523	34.8	46.3	46.9	0.2%	1.5%	46.2
124	1.5	55	974538	56638	200eU	transect (vari	48779	0.0501	0.0528	31.9	42.3	43.0	0.9%	2.6%	41.9
270	1.5	57	2279110	109222	200eU	transect (vari	100781	0.0442	0.0455	37.6	48.2	48.6	-0.2%	0.5%	48.4
79	1.5	66	894060	53918	200eU	transect (vari	42601	0.0477	0.0519	32.7	42.8	44.0	1.4%	4.1%	42.2
118	1.5	42	540795	38902	200eU	transect (vari	34319	0.0635	0.0663	31.0	44.7	45.5	0.7%	2.6%	44.4
148	1.5	49	923221	55988	200eU	transect (vari	49750	0.0539	0.0562	31.6	42.9	43.5	0.4%	1.8%	42.7
104	1.5	52	730621	46498	200eU	transect (vari	39473	0.0540	0.0572	31.6	42.9	43.8	1.0%	3.0%	42.5
325	1.5	59	2939269	133138	200eU	transect (vari	124094	0.0422	0.0433	33.3	42.2	42.4	-0.6%	0.0%	42.4
168	1.5	46	923585	57363	200eU	transect (vari	51866	0.0562	0.0582	31.6	43.5	44.1	-0.6%	0.7%	43.8
263	1.5	42	1205331	75442	200eU	transect (vari	70859	0.0588	0.0601	31.0	43.5	43.8	-1.3%	-0.5%	44.1
47	1.5	67	548150	42220	200eU	transect (vari	30557	0.0558	0.0628	32.4	44.6	46.6	3.1%	7.8%	43.2
120	1.5	60	1122369	61906	200eU	transect (vari	52553	0.0468	0.0496	33.2	43.2	43.9	1.0%	2.7%	42.8
161	1.5	51	1087973	62781	200eU	transect (vari	56024	0.0515	0.0536	32.3	43.3	43.8	0.3%	1.6%	43.1
261	1.5	57	2203140	106144	200eU	transect (vari	97703	0.0444	0.0456	33.3	42.7	43.1	-0.3%	0.4%	42.9
170	1.5	42	779111	52006	200eU	transect (vari	47423	0.0609	0.0628	30.9	43.9	44.4	-0.7%	0.5%	44.2
228	1.5	42	1044925	66622	200eU	transect (vari	62039	0.0594	0.0608	30.8	43.3	43.7	-2.2%	-1.3%	44.3
105	1.5	55	825214	50368	200eU	transect (vari	42509	0.0515	0.0547	32.5	43.5	44.4	0.2%	2.2%	43.4
340	1.5	49	2120914	112436	200eU	transect (vari	106198	0.0501	0.0511	32.3	42.9	43.2	-0.8%	-0.2%	43.3
147	1.5	61	1421114	73137	200eU	transect (vari	63469	0.0447	0.0469	33.4	43.0	43.6	-0.4%	1.0%	43.2
190	1.5	42	870771	57046	200eU	transect (vari	52463	0.0603	0.0620	30.9	43.8	44.2	-1.0%	0.1%	44.2
238	1.5	54	1803086	92264	200eU	transect (vari	84688	0.0470	0.0484	32.9	42.9	43.2	-0.9%	-0.1%	43.3
109	1.5	57	920085	54160	200eU	transect (vari	45719	0.0497	0.0528	32.7	43.4	44.2	0.3%	2.2%	43.2
230	1.5	41	1004494	65315	200eU	transect (vari	60947	0.0607	0.0621	30.8	43.7	44.1	-0.6%	0.3%	44.0
120	1.5	70	1527669	75861	200eU	transect (vari	63131	0.0413	0.0441	34.1	43.0	43.7	-0.2%	1.5%	43.1
245	1.5	44	1232320	74740	200eU	transect (vari	69710	0.0566	0.0579	31.4	43.4	43.7	-1.3%	-0.5%	43.9
124	1.5	54	939423	55328	200eU	transect (vari	47752	0.0508	0.0535	32.5	43.4	44.1	0.9%	2.6%	43.0
212	1.5	61	2049498	96927	200eU	transect (vari	87259	0.0426	0.0442	33.7	42.7	43.2	-0.2%	0.7%	42.9
104	1.5	60	972720	56146	200eU	transect (vari	46793	0.0481	0.0513	33.0	43.3	44.2	0.0%	2.0%	43.3
367	1.5	56	2990157	139607	200eU	transect (vari	131460	0.0440	0.0449	33.3	42.6	42.9	-0.5%	0.0%	42.9
141	1.5	53	1029017	59434	200eU	transect (vari	52136	0.0507	0.0530	32.5	43.3	43.9	0.5%	2.0%	43.1
60	1.5	54	454559	34592	200eU	transect (vari	27016	0.0594	0.0650	31.6	44.5	46.1	2.7%	6.4%	43.3
234	1.5	40	972720	64474	200eU	transect (vari	60317	0.0620	0.0634	30.6	43.8	44.2	-1.2%	-0.3%	44.3
290	1.5	57	2447933	116062	200eU	transect (vari	107621	0.0440	0.0451	33.3	42.7	43.0	-0.4%	0.3%	42.9
234	2.0	50	1519875	83190	200eU	transect (vari	70200	0.0463	0.0505	32.7	42.4	43.5	-2.5%	0.0%	43.5
88	2.0	44	442629	33292	200eU	transect (vari	23232	0.0527	0.0639	31.8	42.9	46.0	-2.5%	4.5%	44.0
141	2.0	46	775152	49911	200eU	transect (vari	38916	0.0504	0.0573	31.9	42.4	44.3	-3.7%	0.5%	44.0
82	2.0	48	490849	35588	200eU	transect (vari	23616	0.0484	0.0603	32.5	42.7	45.9	-2.2%	5.2%	43.6
80	2.0	57	675292	44242	200eU	transect (vari	27360	0.0408	0.0530	33.7	42.3	45.6	-1.3%	6.3%	42.9
102	2.0	42	467467	34870	200eU	transect (vari	25704	0.0552	0.0648	31.4	43.1	45.7	-2.7%	3.4%	44.2
281	2.0	40	1168095	75754	200eU	transect (vari	67440	0.0578	0.0613	30.8	42.9	43.9	-2.9%	-0.7%	44.2
156	2.0	39	616461	44407	200eU	transect (vari	36504	0.0594	0.0656	30.8	43.4	45.1	-2.4%	1.6%	44.4
82	2.0	62	818934	50478	200eU	transect (vari	30504	0.0375	0.0495	34.3	42.3	45.4	-1.7%	5.6%	43.0
81	2.0	55	636594	42448	200eU	transect (vari	26730	0.0422	0.0543	33.5	42.4	45.6	-1.1%	6.4%	42.9
189	2.0	58	1651846	83252	200eU	transect (vari	65772	0.0359	0.0451	33.8	42.2	43.6	-1.4%	1.4%	42.9
46	2.0	61	444702	36171	200eU	transect (vari	16836	0.0383	0.0596	34.2	42.3	48.2	-1.1%	12.5%	42.8
291	2.0	56	2370942	114071	200eU	transect (vari	97776	0.0413	0.0447	33.5	42.2	43.1	-1.8%	0.2%	43.0
194	2.0	46	1066521	64539	200eU	transect (vari	53544	0.0503	0.0554	32.1	42.7	44.1	-1.7%	1.4%	43.5
215	2.0	52	1510418	81130	200eU	transect (vari	67080	0.0445	0.0491	32.7	42.0	43.1	-3.1%	-0.5%	43.3
188	2.0	55	1477526	77758	200eU	transect (vari	62040	0.0421	0.0473	33.3	42.2	43.5	-3.1%	0.0%	43.5
44	2.0	57	371411	31930	200eU	transect (vari	15048	0.0410	0.0633	33.7	42.4	48.6	-2.2%	12.1%	43.3
83	2.0	53	605734	40990	200eU	transect (vari	26394	0.0438	0.0556	33.2	42.5	45.6	-1.5%	5.8%	43.1
291	2.0	55	2287022	111748	200eU	transect (vari	96030	0.0421	0.0454	33.5	42.4	43.2	-1.3%	0.7%	42.9
145	2.0	57	1223967	66472	200eU	transect (vari	49590	0.0407	0.0474	33.7	42.3	44.1	-1.6%	2.5%	43.0
204	2.0	66	2308713	103418	200eU	transect (vari	80784	0.0351	0.0399	34.3	41.7	42.9	-3.0%	-0.2%	43.0
94	2.0	42	430803	32854	200eU	transect (vari	23688	0.0552	0.0656	31.4	43.0	45.9	-2.0%	4.6%	43.9
319	2.0	49	1989916	106262	200eU	transect (vari	93786	0.0472	0.0503	32.4	42.3	43.1	-2.3%	-0.4%	43.3
109	2.0	52	765747	48058	200eU	transect (vari	34008	0.0446	0.0536	32.8	42.2	44.5	-2.4%	3.1%	43.2
272	2.0	59	2459942	114376	200eU	transect (vari	96288	0.0392	0.0428	33.9	42.3	43.2	-1.3%	0.8%	42.8
149	1.5	46	819132	52119	0eU	transect (vari	46622	0.0569	0.0592	32.2	44.6	45.2	-0.3%	1.1%	44.7
157	1.5	42	719532	48730	0eU	transect (vari									

221	1.5	42	1012844	64858	0eU	transect (vari	60275	0.0595	0.0610	31.2	43.9	44.3	-1.6%	-0.7%	44.7
70	1.5	55	550143	38818	0eU	transect (vari	30959	0.0563	0.0610	32.6	45.0	46.3	1.6%	4.6%	44.3
326	1.5	49	2033582	108320	0eU	transect (vari	102082	0.0502	0.0512	32.9	43.7	44.0	-0.7%	-0.1%	44.0
155	1.5	61	1498453	76065	0eU	transect (vari	66397	0.0443	0.0465	32.5	41.7	42.2	-0.5%	0.8%	41.9
159	1.5	42	728698	49234	0eU	transect (vari	44651	0.0613	0.0634	30.9	44.0	44.6	-0.7%	0.7%	44.3
158	1.5	54	1197006	66344	0eU	transect (vari	58768	0.0491	0.0512	33.4	44.2	44.7	-0.3%	1.0%	44.3
65	1.5	57	548675	39112	0eU	transect (vari	30671	0.0559	0.0610	31.9	43.9	45.3	2.3%	5.7%	42.9
163	1.5	41	711881	48833	0eU	transect (vari	44465	0.0625	0.0645	30.0	43.1	43.6	0.0%	1.3%	43.1
168	1.5	70	2138736	96021	0eU	transect (vari	83291	0.0390	0.0409	34.7	43.1	43.6	-0.8%	0.4%	43.5
229	1.5	44	1151841	70516	0eU	transect (vari	65486	0.0569	0.0583	31.8	44.0	44.4	-1.2%	-0.3%	44.5
346	1.5	54	2621293	127256	0eU	transect (vari	119680	0.0457	0.0466	32.7	42.2	42.5	-0.6%	0.0%	42.5
328	1.5	61	3170921	139383	0eU	transect (vari	129715	0.0409	0.0419	33.9	42.7	42.9	-0.8%	-0.2%	43.0
69	1.5	60	645362	43546	0eU	transect (vari	34193	0.0530	0.0578	31.9	43.2	44.5	1.5%	4.5%	42.6
403	1.5	56	3283470	151703	0eU	transect (vari	143556	0.0437	0.0446	32.4	41.4	41.6	-0.6%	-0.1%	41.7
366	1.5	53	2671067	130964	0eU	transect (vari	123696	0.0463	0.0472	33.1	43.0	43.2	-1.1%	-0.5%	43.4
234	1.5	54	1772762	90968	0eU	transect (vari	83392	0.0471	0.0485	33.1	43.2	43.6	-1.0%	-0.1%	43.7
120	1.5	40	498831	37114	0eU	transect (vari	32957	0.0661	0.0689	30.5	44.7	45.5	0.2%	2.0%	44.6
403	1.5	57	3401783	154708	0eU	transect (vari	146267	0.0430	0.0438	32.7	41.7	41.9	-1.0%	-0.5%	42.1
238	1.5	50	1545855	84390	0eU	transect (vari	77895	0.0504	0.0518	32.4	43.1	43.5	-1.1%	-0.3%	43.6
130	1.5	44	653884	44380	0eU	transect (vari	39350	0.0602	0.0628	29.1	41.2	41.9	-0.1%	1.5%	41.3
124	1.5	46	681694	45219	0eU	transect (vari	39722	0.0583	0.0610	31.5	44.1	44.8	-0.5%	1.1%	44.3
185	1.5	48	1107404	65252	0eU	transect (vari	59266	0.0535	0.0553	32.4	44.0	44.5	-0.8%	0.4%	44.3
164	1.5	57	1384349	72970	0eU	transect (vari	64529	0.0466	0.0487	33.1	43.1	43.6	0.3%	1.5%	43.0
112	1.5	42	513297	37390	0eU	transect (vari	32807	0.0639	0.0669	30.1	43.6	44.4	0.2%	2.1%	43.5
242	1.5	40	1005975	66394	0eU	transect (vari	62237	0.0619	0.0633	30.3	43.4	43.7	-0.8%	0.0%	43.7
128	1.5	39	505814	37855	0eU	transect (vari	33904	0.0670	0.0696	29.4	43.5	44.2	0.1%	1.8%	43.4
151	1.5	62	1508038	76146	0eU	transect (vari	66159	0.0439	0.0461	32.1	41.1	41.6	0.0%	1.3%	41.1
340	1.5	55	2672121	127918	0eU	transect (vari	120059	0.0449	0.0459	32.0	41.2	41.4	-0.4%	0.2%	41.4
350	1.5	58	3058975	139280	0eU	transect (vari	130540	0.0427	0.0436	31.8	40.4	40.6	-0.9%	-0.3%	40.7
266	1.5	61	2571539	116691	0eU	transect (vari	107023	0.0416	0.0429	33.9	42.8	43.1	-0.4%	0.3%	43.0
142	1.5	56	1156955	64007	0eU	transect (vari	55860	0.0483	0.0506	31.0	40.7	41.3	0.3%	1.7%	40.6
57	1.5	46	313359	26727	0eU	transect (vari	21230	0.0678	0.0736	28.8	42.7	44.4	3.1%	7.1%	41.4
191	1.5	52	1341813	73642	0eU	transect (vari	66617	0.0497	0.0514	32.7	43.4	43.8	-0.6%	0.5%	43.6
108	1.5	55	848791	51358	0eU	transect (vari	43499	0.0513	0.0543	30.5	40.9	41.6	0.0%	1.9%	40.9
212	1.5	57	1789524	89386	0eU	transect (vari	80945	0.0452	0.0468	33.5	43.2	43.6	-1.4%	-0.4%	43.8
153	1.5	53	1116593	63250	0eU	transect (vari	55952	0.0501	0.0523	32.4	43.1	43.6	0.3%	1.6%	42.9
124	1.5	55	974538	56638	0eU	transect (vari	48779	0.0501	0.0528	33.6	44.6	45.3	0.8%	2.5%	44.2
270	1.5	57	2279110	109222	0eU	transect (vari	100761	0.0442	0.0455	32.0	41.0	41.3	-0.5%	0.2%	41.2
79	1.5	66	894060	53918	0eU	transect (vari	42601	0.0477	0.0519	31.7	41.5	42.6	1.1%	3.7%	41.1
118	1.5	42	540795	38902	0eU	transect (vari	34319	0.0635	0.0663	28.5	41.2	41.9	0.5%	2.3%	41.0
148	1.5	49	923221	55988	0eU	transect (vari	49750	0.0539	0.0562	32.3	43.9	44.5	0.4%	1.8%	43.7
104	1.5	52	730621	46498	0eU	transect (vari	39473	0.0540	0.0572	32.1	43.7	44.6	1.1%	3.1%	43.2
325	1.5	59	2939269	133138	0eU	transect (vari	124094	0.0422	0.0433	34.1	43.2	43.5	-0.5%	0.1%	43.4
238	1.5	46	1308412	76683	0eU	transect (vari	71186	0.0544	0.0558	31.2	42.6	42.9	-1.1%	-0.2%	43.0
162	1.5	42	742447	49990	0eU	transect (vari	45407	0.0612	0.0632	30.3	43.1	43.7	-0.4%	0.9%	43.3
149	1.5	67	1737752	83224	0eU	transect (vari	71561	0.0412	0.0434	33.5	42.2	42.8	-0.8%	0.5%	42.6
204	1.5	60	1908027	92146	0eU	transect (vari	82793	0.0434	0.0450	33.0	42.1	42.6	0.0%	1.0%	42.1
214	1.5	51	1446126	78999	0eU	transect (vari	72242	0.0500	0.0515	31.9	42.4	42.8	-0.2%	0.8%	42.5
284	1.5	57	2397286	114010	0eU	transect (vari	105569	0.0440	0.0452	32.8	42.1	42.4	-0.4%	0.3%	42.2
235	1.5	42	1077007	68386	0eU	transect (vari	63803	0.0593	0.0607	30.5	42.8	43.2	-1.4%	-0.5%	43.4
135	1.5	42	618706	43186	0eU	transect (vari	38603	0.0624	0.0649	30.2	43.3	44.0	-0.4%	1.2%	43.5
78	1.5	55	613016	41458	0eU	transect (vari	33599	0.0548	0.0591	31.6	43.2	44.4	1.1%	3.9%	42.7
41	1.5	49	255757	24530	0eU	transect (vari	18292	0.0715	0.0797	29.7	45.1	47.5	5.9%	11.7%	42.6
119	1.5	61	1150426	62889	0eU	transect (vari	53221	0.0463	0.0491	32.7	42.5	43.2	0.0%	1.7%	42.5
197	1.5	42	902852	58810	0eU	transect (vari	54227	0.0601	0.0618	30.4	43.0	43.5	-0.9%	0.1%	43.4
222	1.5	54	1681870	87080	0eU	transect (vari	79504	0.0473	0.0488	32.4	42.3	42.6	-0.8%	0.1%	42.6
47	1.5	57	396734	32956	0eU	transect (vari	24515	0.0618	0.0689	30.9	44.2	46.2	3.8%	8.6%	42.6
47	1.5	41	205266	20297	0eU	transect (vari	15929	0.0776	0.0847	28.7	45.4	47.6	5.0%	10.1%	43.2
140	1.5	70	1782280	84261	0eU	transect (vari	71531	0.0401	0.0425	33.7	42.2	42.8	-0.5%	0.9%	42.4
114	1.5	44	573406	40156	0eU	transect (vari	35126	0.0613	0.0642	30.4	43.3	44.1	0.3%	2.2%	43.2
407	1.5	54	3083428	147020	0eU	transect (vari	139444	0.0452	0.0461	32.5	42.0	42.2	-0.8%	-0.3%	42.3
113	1.5	61	1092421	60693	0eU	transect (vari	51025	0.0467	0.0497	32.7	42.6	43.3	0.8%	2.7%	42.2
70	1.5	60	654715	43906	0eU	transect (vari	34553	0.0528	0.0575	32.0	43.2	44.5	1.3%	4.3%	42.7
394	1.5	56	3210141	148679	0eU	transect (vari	140532	0.0438	0.0446	32.8	42.0	42.2	-0.6%	-0.1%	42.2
277	1.5	53	2021545	102684	0eU	transect (vari	95384	0.0472	0.0484	32.3	42.2	42.5	-0.5%	0.2%	42.4
94	1.5	54	712143	45608	0eU	transect (vari	38032	0.0534	0.0570	31.7	43.0	43.9	0.5%	2.1%	42.6
129	1.5	40	536243	39274	0eU	transect (vari	35117	0.0655	0.0681	29.8	43.5	44.3	0.0%	1.7%	43.5
351	1.5	57	2962844	136924	0eU	transect (vari	128483	0.0434	0.0443	32.9	42.0	42.2	-0.6%	0.0%	42.2
177	2.0	50	1149649	66090	0eU	transect (vari	53100	0.0463	0.0518	32.3	41.9	43.3	-2.2%	1.2%	42.8
44	2.0	44	221315	21676	0eU	transect (vari	11616	0.0530	0.0752	31.3	42.3	48.7	-2.2%	12.7%	43.2
136	2.0	46	747664	48531	0eU	transect (vari	37536	0.0504	0.0576	31.6	42.1	44.0	-2.9%	1.5%	43.3
99	2.0	48	592611	40484	0eU	transect (vari	28512	0.0483	0.0582	32.0	42.0	44.6	-2.1%	4.0%	42.9
325	2.0	57	2743374	128032	0eU	transect (vari	111150	0.0406	0.0436	33.2	41.7	42.4	-1.4%	0.4%	42.3
173	2.0	42	792860	52762	0eU	transect (vari	43596	0.0551	0.0608	30.9	42.3	43.8	-2.6%	0.9%	43.4
42	2.0	40	174591	18394	0eU	transect (vari	10080	0.0582	0.0816	30.5	42.6	49.5	-1.8%	14.1%	43.4
123	2.0	39	486056	36685	0eU	transect (vari	28782	0.0594	0.0674	30.2	42.5	44.7	-2.6%	2.4%	43.6
202	2.0	62	2017375	95118	0eU	transect (vari	75144	0.0374	0.0422	33.6	41.4	42.6	-2.2%	0.6%	42.3
166	2.0	55	1304624	70498	0eU	transect (vari	54780	0.0421	0.0480	33.0	41.7	43.2	-1.2%	2.4%	42.2
65	2.0	58	568095	40100	0eU	transect (vari	22620	0.0401	0.0552	33.3	41.7	45.7	-1.3%	8.1%	42.3
270	2.0	61	2610209	118155	0eU	transect (vari	98820	0.0379	0.0416	33.6	41.5	42.4	-1.6%	0.6%	42.2
122	2.0	56	994003	57287	0eU	transect (vari	40992	0.0414	0.0494	33.1	41.7	43.8	-1.4%	3.4%	42.3
291	2.0	46	1599781	91311	0eU	transect (vari	80316	0.0503	0.0537	31.6	42.0	42.9	-1.6		

268	2.0	57	2262228	108538	OeU	transect (vari	91656	0.0406	0.0443	33.2	41.7	42.6	-1.6%	0.5%	42.3
131	2.0	66	1482556	74510	OeU	transect (vari	51876	0.0352	0.0426	33.7	40.9	42.8	-3.2%	1.1%	42.3
169	2.0	42	774528	51754	OeU	transect (vari	42588	0.0551	0.0609	30.9	42.4	43.9	-1.8%	1.8%	43.1
252	2.0	49	1571971	86564	OeU	transect (vari	74088	0.0472	0.0511	32.1	41.9	42.9	-1.5%	0.8%	42.6
162	2.0	52	1138082	64594	OeU	transect (vari	50544	0.0445	0.0506	32.5	41.8	43.4	-1.7%	2.0%	42.5
106	2.0	59	958654	55612	OeU	transect (vari	37524	0.0393	0.0486	33.4	41.7	44.0	-1.2%	4.4%	42.2

* 1.5 if one termination, 2 if no termination

**see text and Brown et al., 2013; "vertical transect" refers to Fig. 6 of this paper or Fig. 9 of Brown et al., 2013