

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 (new method)	modified beta (old method)	Raw date	Corrected date (new method)	Corrected date (old method)	corrected date of unbroken grain (new)	FT-corrected date of unbroken grain (old)	FT corrected date of unbroken crystal	MEAN DEVIATION FROM FT-CORRECTED DATE OF UNBROKEN CRYSTAL
175	1.5	75	2557481.27	107978.357	N/A	1	93364.1787	0.03651429	0.03841905	37.51	45.9624007	46.4784266	0%	1%	45.8687	New method (this paper)
120	1.5	75	1753701.44	83228.3574	N/A	1	68614.1787	0.03913333	0.04191111	37.23	46.3257385	47.0927958	1%	3%	45.8687	
137	1.5	75	2002142.48	90878.3574	N/A	1	76264.1787	0.03809927	0.04053236	37.34	46.1809475	46.8477486	1%	2%	45.8687	
186	1.5	75	2718237.24	112928.357	N/A	1	98314.1787	0.03617634	0.03796846	37.55	45.9206498	46.4050182	0%	1%	45.8687	
87	1.5	75	1271433.55	68378.3574	N/A	1	53764.1787	0.04229425	0.04612567	36.9	46.7816949	47.8648741	2%	4%	45.8687	
128	1.5	75	1870614.87	86828.3574	N/A	1	72214.1787	0.0366125	0.04121667	37.29	46.258403	46.9748646	1%	2%	45.8687	
295	1.5	75	4311182.71	161978.357	N/A	1	147364.179	0.03418983	0.03531977	37.76	45.6462839	45.9473076	0%	0%	45.8687	
251	1.5	75	3668158.85	142178.357	N/A	1	127564.179	0.03478406	0.03611208	37.7	45.7314443	46.0867902	0%	0%	45.8687	
380	1.5	75	5553387.9	200228.357	N/A	1	185614.179	0.03343158	0.03430877	37.83	45.5301616	45.7625112	-1%	0%	45.8687	
309	1.5	75	4515781.21	168278.357	N/A	1	153664.179	0.03403625	0.03511499	37.78	45.6297488	45.9168432	-1%	0%	45.8687	
186	1.5	75	2718237.24	112928.357	N/A	1	98314.1787	0.03617634	0.03796846	37.55	45.9206498	46.4050182	0%	1%	45.8687	
341	1.5	75	4983434.93	182678.357	N/A	1	168064.179	0.03373255	0.03471007	37.81	45.5855728	45.8451407	-1%	0%	45.8687	
252	1.5	75	3682773.03	142628.357	N/A	1	128014.179	0.03476825	0.03609101	37.7	45.7272384	46.081118	0%	0%	45.8687	
148	1.5	75	2162898.45	95828.3574	N/A	1	81214.1787	0.03755676	0.03980901	37.4	46.1081527	46.7229885	1%	2%	45.8687	
179	1.5	75	2615937.99	109778.357	N/A	1	95164.1787	0.03638659	0.03824879	37.53	45.9525987	46.4567108	0%	1%	45.8687	
234	1.5	75	3419717.81	134258.357	N/A	1	119914.179	0.0350735	0.03649801	37.67	45.7720929	46.1540621	0%	1%	45.8687	
221	1.5	75	3229733.49	128678.357	N/A	1	114064.179	0.03532489	0.03683318	37.64	45.802653	46.2077933	0%	1%	45.8687	
201	1.5	75	2937449.92	119678.357	N/A	1	105064.179	0.03577512	0.0374335	37.59	45.8620358	46.3089208	0%	1%	45.8687	
382	1.5	75	5582616.26	201128.357	N/A	1	186514.179	0.0334178	0.0342904	37.83	45.5265261	45.7576273	-1%	0%	45.8687	
239	1.5	75	3492788.71	136778.357	N/A	1	122164.179	0.0349841	0.0363788	37.67	45.748276	46.1219179	0%	1%	45.8687	
158	1.5	75	2309040.23	100328.357	N/A	1	85714.1787	0.03712911	0.03923882	37.45	46.0542512	46.6284477	0%	2%	45.8687	
387	1.5	75	5655687.15	203378.357	N/A	1	188764.179	0.0338398	0.03424531	37.82	45.5055713	45.7335492	-1%	0%	45.8687	
390	1.5	75	5699529.69	204728.357	N/A	1	190114.179	0.0333641	0.0342188	37.81	45.4882994	45.7144188	-1%	0%	45.8687	
160	1.5	75	2338268.59	101228.357	N/A	1	86614.1787	0.03705	0.03913333	37.46	46.0452144	46.6119303	0%	2%	45.8687	
387	1.5	75	5655687.15	203378.357	N/A	1	188764.179	0.0338398	0.03424531	37.82	45.5055713	45.7335492	-1%	0%	45.8687	
89	1.5	75	1300661.9	69278.3574	N/A	1	54664.1787	0.04203596	0.04578127	36.93	46.7479541	47.8048364	2%	4%	45.8687	
370	1.5	75	5407246.11	195728.357	N/A	1	181114.179	0.0335027	0.0344036	37.83	45.5489357	45.7877351	-1%	0%	45.8687	
244	1.5	75	3565859.6	139028.357	N/A	1	124414.179	0.03489836	0.03626448	37.68	45.7375908	46.1033575	0%	1%	45.8687	
276	1.5	75	4033513.32	153428.357	N/A	1	138814.179	0.03442319	0.03563092	37.73	45.6718976	45.9941426	0%	0%	45.8687	
48	1.5	75	701480.577	50828.3574	N/A	1	36214.1787	0.05163353	0.05857778	35.91	48.1602773	50.2671453	5%	10%	45.8687	
390	1.5	75	5699529.69	204728.357	N/A	1	190114.179	0.0333641	0.0342188	37.81	45.4882994	45.7144188	-1%	0%	45.8687	
212	1.5	75	3099205.88	124628.357	N/A	1	110014.179	0.03551698	0.03708931	37.62	45.8295941	46.2525273	0%	1%	45.8687	
378	1.5	75	5524159.54	193328.357	N/A	1	184714.179	0.0334455	0.03432734	37.83	45.5338361	45.7674476	0%	0%	45.8687	
387	1.5	75	5655687.15	203378.357	N/A	1	188764.179	0.0338398	0.03424531	37.82	45.5055713	45.7335492	-1%	0%	45.8687	
62	1.5	75	906079.079	57128.3574	N/A	1	42514.1787	0.04692903	0.05230538	36.41	47.4580045	49.0317421	3%	7%	45.8687	
111	1.5	75	1622173.83	79178.3574	N/A	1	64564.1787	0.03980901	0.04281201	37.16	46.4231618	47.256585	1%	3%	45.8687	
296	1.5	75	4325796.89	162428.357	N/A	1	147814.179	0.03417838	0.0353045	37.76	45.8432479	45.9432201	0%	0%	45.8687	
376	1.5	75	5494931.19	198428.357	N/A	1	183814.179	0.03345957	0.0343461	37.83	45.5375501	45.7724373	-1%	0%	45.8687	
293	1.5	75	4281954.36	161078.357	N/A	1	146464.179	0.03421297	0.03535063	37.76	45.8524189	45.9555678	0%	0%	45.8687	
386	1.5	75	5641072.97	202928.357	N/A	1	188314.179	0.0339067	0.03425423	37.83	45.5193693	45.7480136	-1%	0%	45.8687	
171	1.5	75	2499024.56	106178.357	N/A	1	91564.1787	0.03664795	0.03859727	37.5	45.9860731	46.5147433	0%	1%	45.8687	
262	1.5	75	3828914.82	147128.357	N/A	1	132514.179	0.03461679	0.03588906	37.71	45.699093	46.0390379	0%	0%	45.8687	
212	1.5	75	3098205.88	124628.357	N/A	1	110014.179	0.03551698	0.03708931	37.62	45.8295941	46.2525273	0%	1%	45.8687	
61	1.5	75	891464.9	56678.3574	N/A	1	42064.1787	0.04719344	0.05265792	36.38	47.4944804	49.0971313	4%	7%	45.8687	
54	1.5	75	789165.649	53528.3574	N/A	1	38914.1787	0.04931852	0.05549136	36.16	47.8174993	49.657619	4%	8%	45.8687	
171	1.5	75	2499024.56	106178.357	N/A	1	91564.1787	0.03664795	0.03859727	37.5	45.9860731	46.5147433	0%	1%	45.8687	
331	1.5	75	4837293.15	178178.357	N/A	1	163564.179	0.03382115	0.0348282	37.8	45.5969462	45.8645229	-1%	0%	45.8687	
361	1.5	75	5275718.51	191678.357	N/A	1	177064.179	0.03357008	0.03449344	37.82	45.5546871	45.7995404	-1%	0%	45.8687	
186	1.5	75	2718237.24	112928.357	N/A	1	98314.1787	0.03617634	0.03796846	37.55	45.9206498	46.4050182	0%	1%	45.8687	
197	1.5	75	2878993.2	117878.357	N/A	1	103264.179	0.03587614	0.03756819	37.58	45.8768667	46.331692	0%	1%	45.8687	
339	1.5	75	4954206.58	181778.357	N/A	1	167164.179	0.03374985	0.03473314	37.81	45.590148	45.8512926	-1%	0%	45.8687	
41	1.5	75	599181.326	47678.3574	N/A	1	33064.1787	0.05519024	0.0632033	35.53	48.7018939	51.2370627	6%	12%	45.8687	
72	1.5	75	1052220.87	61628.3574	N/A	1	47014.1787	0.04468889	0.04931852	36.64	47.1200146	48.4522449	3%	6%	45.8687	
249	1.5	75	3638930.49	141278.357	N/A	1	126664.179	0.03481606	0.03615475	37.69	45.7278265	46.0860469	0%	0%	45.8687	
344	1.5	75	5027277.47	184028.357	N/A	1	169414.179	0.03370698	0.03467597	37.81	45.578811	45.8360492	-1%	0%	45.8687	
55	1.5	75	803779.828	53978.3574	N/A	1	39364.1787	0.04898182	0.05504242	36.19	47.7596302	49.5613819	4%	8%	45.8687	
152	1.5	75	2221355.16	97628.3574	N/A	1	83014.1787	0.03737895	0.03957193	37.42	46.0847542	46.6826508	0%	2%	45.8687	
267	1.5	75	3901985.71	149378.357	N/A	1	134764.179	0.03454532	0.03579376	37.72	45.6922187	46.0256464	0%	0%	45.8687	
118	1.5	75	1724473.09	82328.3574	N/A	1	67714.1787	0.03927458	0.04209944	37.22	46.3518409	47.1328143	1%	3%	45.8687	
83	1.5	75	1212976.83	66578.3574	N/A	1	51964.1787	0.04284819	0.04686426	36.84	46.8597272	47.9997588	2%	5%	45.8687	

51	1.5	75	745323.113	52178.3574	N/A	1	37564.1787	0.05040784	0.05694379	36.04	47.9750926	49.9394847	5%	9%	45.8687
183	1.5	75	2674394.7	111578.357	N/A	1	96964.1787	0.03626448	0.03808597	37.54	45.9320606	46.4246769	0%	1%	45.8687
395	1.5	75	5772600.58	206978.357	N/A	1	192364.179	0.03333165	0.03417553	37.76	45.4196027	45.6424922	-1%	0%	45.8687
73	1.5	75	1066835.04	62078.3574	N/A	1	47464.1787	0.04449863	0.04906484	36.66	47.0921189	48.404221	3%	6%	45.8687
82	1.5	75	1198362.65	66128.3574	N/A	1	51514.1787	0.04299512	0.04706016	36.82	46.8752655	48.0303252	2%	5%	45.8687
262	1.5	75	3828914.82	147128.357	N/A	1	132514.179	0.03461679	0.03588906	37.71	45.699093	46.0390379	0%	0%	45.8687
54	1.5	75	789165.649	53528.3574	N/A	1	38914.1787	0.04931852	0.05549136	36.16	47.8174993	49.657619	4%	8%	45.8687
125	1.5	75	1826772.34	85478.3574	N/A	1	70864.1787	0.0398	0.04146667	37.27	46.2846094	47.0192745	1%	3%	45.8687
122	1.5	75	1782929.8	84128.3574	N/A	1	69514.1787	0.03899672	0.04172896	37.25	46.3133581	47.067195	1%	3%	45.8687
293	1.5	75	4281954.36	161078.357	N/A	1	146464.179	0.03421297	0.03535063	37.76	45.6524189	45.9555678	0%	0%	45.8687
365	1.5	75	5334175.22	193478.357	N/A	1	178864.179	0.03353973	0.03445297	37.83	45.5587131	45.8008734	-1%	0%	45.8687
360	1.5	75	5261104.33	191228.357	N/A	1	176614.179	0.03357778	0.0345037	37.82	45.5567196	45.8022719	-1%	0%	45.8687
135	1.5	75	1972914.12	89978.3574	N/A	1	75364.1787	0.03820741	0.04067654	37.33	46.1979088	46.8751515	1%	2%	45.8687
112	1.5	75	1636788.01	79628.3574	N/A	1	65014.1787	0.03972857	0.04270476	37.17	46.4196244	47.2391494	1%	3%	45.8687
286	1.5	75	4179655.11	157928.357	N/A	1	143314.179	0.0342965	0.035462	37.75	45.6624813	45.9732282	0%	0%	45.8687
278	1.5	75	4062741.68	154328.357	N/A	1	139714.179	0.03439712	0.03559616	37.74	45.6770826	45.9970103	0%	0%	45.8687
386	1.5	75	5641072.97	202928.357	N/A	1	188314.179	0.03339067	0.03425423	37.83	45.5193693	45.7480136	-1%	0%	45.8687
308	1.5	75	4501167.04	167828.357	N/A	1	153214.179	0.03404675	0.035129	37.77	45.6204539	45.9084346	-1%	0%	45.8687
342	1.5	75	4998049.11	183128.357	N/A	1	168514.179	0.03372398	0.03469864	37.81	45.5833055	45.8420922	-1%	0%	45.8687
364	2	75	5319581.04	193028.357	N/A	1	163800	0.03107473	0.03354725	38.05	45.1756533	45.8259589	-2%	0%	45.8687
303	2	75	4428086.14	165578.357	N/A	1	136350	0.03113003	0.03410033	38.05	45.1904337	45.9729503	-1%	0%	45.8687
259	2	75	3785072.28	145778.357	N/A	1	116550	0.0311861	0.034661	38.12	45.287801	46.2078334	-1%	1%	45.8687
72	2	75	1052220.87	61628.3574	N/A	1	32400	0.03218889	0.04468889	38.12	45.5505026	49.023324	-1%	7%	45.8687
213	2	75	3112820.66	125078.357	N/A	1	95850	0.03126948	0.03549484	38.09	45.2739013	46.3961696	-1%	1%	45.8687
343	2	75	5012663.29	183578.357	N/A	1	154350	0.03109155	0.03371545	38.09	45.2275244	45.9185997	-1%	0%	45.8687
116	2	75	1695244.73	81428.3574	N/A	1	52200	0.03166207	0.03942069	38.11	45.4002979	47.5010795	-1%	4%	45.8687
374	2	75	5465702.83	197528.357	N/A	1	168300	0.03106738	0.0334738	37.94	45.0431483	45.6737267	-2%	0%	45.8687
130	2	75	1899843.23	87728.3574	N/A	1	58500	0.03156923	0.03849231	37.94	45.1735864	47.0314845	-2%	3%	45.8687
238	2	75	3478174.53	136328.357	N/A	1	107100	0.03122017	0.03500168	38.12	45.2966889	46.2995157	-1%	1%	45.8687
56	2	75	818394.007	54428.3574	N/A	1	25200	0.03258571	0.04865714	38.12	45.6550821	50.207854	0%	9%	45.8687
41	2	75	599181.326	47678.3574	N/A	1	18450	0.03323902	0.05519024	38.12	45.8280309	52.2520741	0%	14%	45.8687
164	2	75	2396725.3	103028.357	N/A	1	73800	0.03140976	0.03689756	38.12	45.3461978	46.8146855	-1%	2%	45.8687
146	2	75	2133670.09	94928.3574	N/A	1	65700	0.03148493	0.03764932	38.12	45.3658512	47.0213091	-1%	3%	45.8687
147	2	75	2148284.27	95378.3574	N/A	1	66150	0.03148027	0.03760272	38.12	45.3646327	47.0084633	-1%	2%	45.8687
171	2	75	2499024.56	106178.357	N/A	1	76950	0.0313848	0.03664795	38.12	45.339675	46.7463762	-1%	2%	45.8687
286	2	75	4179655.11	157928.357	N/A	1	128700	0.03114965	0.0342965	38.12	45.2782944	46.1100341	-1%	1%	45.8687
69	2	75	1008378.33	60278.3574	N/A	1	31050	0.03224928	0.04529275	37.32	44.6101213	48.1683591	-3%	5%	45.8687
313	2	75	4574237.93	170078.357	N/A	1	140850	0.03111949	0.03399489	38.12	45.2704301	46.0293399	-1%	0%	45.8687
215	2	75	3142048.42	125978.357	N/A	1	96750	0.03126512	0.03545116	38.12	45.3084194	46.4208932	-1%	1%	45.8687
263	2	75	3843529	147578.357	N/A	1	118350	0.03118023	0.03460228	38.12	45.2862692	46.1920558	-1%	1%	45.8687
378	2	75	5524159.54	199328.357	N/A	1	170100	0.03106455	0.0334455	37.97	45.0780305	45.7023462	-2%	0%	45.8687
92	2	75	1344504.44	70628.3574	N/A	1	41400	0.03188696	0.04166957	38.12	45.4711684	48.1495153	-1%	5%	45.8687
126	2	75	1841386.51	85928.3574	N/A	1	56700	0.03159365	0.03873651	38.12	45.3942965	47.3225226	-1%	3%	45.8687
63	2	75	920693.257	57578.3574	N/A	1	28350	0.0323873	0.04667302	38.12	45.6027481	49.6103729	-1%	8%	45.8687
91	2	75	1329890.26	70178.3574	N/A	1	40950	0.0318989	0.04178901	38.12	45.4743031	48.1836451	-1%	5%	45.8687
351	2	75	5129576.72	187178.357	N/A	1	157950	0.0310849	0.033649	38.11	45.2495406	45.9250077	-1%	0%	45.8687
382	2	75	5582616.26	201128.357	N/A	1	171900	0.03106178	0.0334178	38.03	45.1485425	45.7672161	-2%	0%	45.8687
159	2	75	2323654.41	100778.357	N/A	1	71550	0.03142893	0.03708931	38.12	45.3512095	46.8672605	-1%	2%	45.8687
256	2	75	3741229.74	144428.357	N/A	1	115200	0.03119063	0.03470625	38.12	45.2889813	46.2199934	-1%	1%	45.8687
388	2	75	5670301.33	203828.357	N/A	1	174600	0.03105773	0.03337732	37.92	45.0169031	45.6241319	-1%	-1%	45.8687
178	2	75	2601323.81	109328.357	N/A	1	80100	0.0313618	0.03641798	38.11	45.3217741	46.6713235	-1%	2%	45.8687
391	2	75	5714143.87	205178.357	N/A	1	175950	0.03105575	0.03335754	37.91	45.0045191	45.6068738	-2%	-1%	45.8687
52	2	75	759937.292	52628.3574	N/A	1	23400	0.03272308	0.05003077	38.12	45.6913655	50.6277404	0%	10%	45.8687
361	2	75	5275718.51	191678.357	N/A	1	162450	0.03107701	0.03357008	37.97	45.0812643	45.7353641	-2%	0%	45.8687
225	2	75	3288190.2	130478.357	N/A	1	101250	0.03124444	0.03524444	38.12	45.303024	46.3650129	-1%	1%	45.8687
393	2	75	5743372.22	206078.357	N/A	1	176850	0.03105445	0.03334453	37.86	44.9448253	45.5432874	-2%	-1%	45.8687
117	2	75	1709858.91	81878.3574	N/A	1	52650	0.0316547	0.03934701	38.12	45.4102811	47.4929715	-1%	4%	45.8687
380	2	75	5553387.9	200228.357	N/A	1	171000	0.03106316	0.03343158	37.96	45.0657972	45.6866227	-2%	0%	45.8687
207	2	75	3025134.99	122378.357	N/A	1	93150	0.03128309	0.03563092	38.12	45.3131119	46.4695657	-1%	1%	45.8687
262	2	75	3828914.82	147128.357	N/A	1	117900	0.03118168	0.03461679	38.12	45.2866478	46.195954	-1%	1%	45.8687
66	2	75	964535.793	58928.3574	N/A	1	29700	0.03231515	0.04595152	38.12	45.5837395	49.3957086	-1%	8%	45.8687
353	2	75	5158805.08	188078.357	N/A	1	158850	0.03108329	0.03363286	38.11	45.2491201	45.920709	-1%	0%	45.8687
192	2	75	2805922.31	115628.357	N/A	1	86400	0.03132083	0.03600833	38.12	45.3229666	46.5720049	-1%	2%	45.8687
69	2	75	1008378.33	60278.3574	N/A	1	31050	0.03224928	0.04529275	38.12	45.566394	49.2009069	-1%	7%	45.8687
154	2	75	2250583.52	98528.3574	N/A	1	69300	0.03144935	0.03729351	38.12	45.3565476	46.9233455	-1%	2%	45.8687
53	2	75	774551.471	53078.3574	N/A	1	23850	0.03286879	0.04966792	37.17	44.5433277	49.257392	-3%	7%	45.8687
48	2	75	701480.577	50828.3574	N/A	1	21600	0.03288333	0.05163333	38.12	45.73375	51.124193	0%	11%	45.8687
335	2	75	4895749.86	179978.357	N/A	1	150750	0.03109851	0.03378507	38.05	45.1818403	45.8889082	-1%	0%	45.8687
266	2	75	3887371.53	148928.357	N/A	1	119700	0.03117594	0.0345594	38.12	45.2851507	46.1805399	-1%	1%	45.8687
388	2	75	5670301.33	203828.357	N/A	1	174600	0.03105773	0.03337732	37.97	45.0762608	45.6842903	-2%	0%	45.8687
217	2	75	3171276.78	128878.357	N/A	1	97650	0.03126083	0.03540829	38.11	45.295415	46.3971224	-1%	1%	45.8687
126	2	75	1841386.51	8											

84	2	75	1227591.01	67028.3574	N/A	1	37800	0.03199048	0.044270476	38.12	45.4983457	48.4464992	-1%	6%	45.8687
309	2	75	4515781.21	168278.357	N/A	1	139050	0.03112362	0.03403625	38.01	45.1408718	45.9075371	-2%	0%	45.8687
301	2	75	4398867.79	164678.357	N/A	1	135450	0.03113223	0.03412226	38.11	45.2618743	46.0513074	-1%	0%	45.8687
61	2	75	891464.9	56678.3574	N/A	1	27450	0.03243934	0.04719344	38.12	45.6164664	49.7660691	-1%	8%	45.8687
335	2	75	4895749.86	179978.357	N/A	1	150750	0.03109851	0.03378507	38.06	45.1937147	45.9009684	-1%	0%	45.8687
225	2	75	3288190.2	130478.357	N/A	1	101250	0.03124444	0.03524444	38.12	45.303024	46.3650129	-1%	1%	45.8687
206	2	75	3010520.81	121928.357	N/A	1	92700	0.03128544	0.03565437	37.72	44.8382391	45.988241	-2%	0%	45.8687
364	2	75	5319561.04	193028.357	N/A	1	163800	0.03107473	0.03354725	37.87	44.9619446	45.6088753	-2%	-1%	45.8687
212	2	75	3098205.88	124628.357	N/A	1	95400	0.03127117	0.03551698	38.05	45.2269342	46.3534305	-1%	1%	45.8687
236	2	75	3448946.17	135428.357	N/A	1	106200	0.03122373	0.03503729	38.12	45.297618	46.3091139	-1%	1%	45.8687
252	2	75	3682773.03	142628.357	N/A	1	113400	0.03119683	0.03476825	38.05	45.2074313	46.1517618	-1%	1%	45.8687
207	2	75	3025134.99	122378.357	N/A	1	93150	0.03128309	0.03563092	38.12	45.3131119	46.4695657	-1%	1%	45.8687
45	2	75	657638.041	49478.3574	N/A	1	20250	0.03302222	0.05302222	38.12	45.7705302	51.5602874	0%	12%	45.8687
397	2	75	5801828.94	207878.357	N/A	1	178650	0.03105189	0.03331889	37.77	44.873215	45.428274	-2%	-1%	45.8687
159	2	75	2323654.41	100778.357	N/A	1	71550	0.03142893	0.03708931	38.12	45.3512095	46.8672605	-1%	2%	45.8687
382	2	75	5582616.26	201128.357	N/A	1	171900	0.03106178	0.0334178	37.98	45.0891833	45.7070436	-2%	0%	45.8687
77	2	75	1125291.76	63878.3574	N/A	1	34650	0.0320987	0.04378701	38.12	45.526784	48.7598855	-1%	6%	45.8687
161	2	75	2352882.77	101678.357	N/A	1	72450	0.03142112	0.03701118	38.12	45.3491674	46.8458281	-1%	2%	45.8687
245	2	75	3580473.78	139478.357	N/A	1	110250	0.03120816	0.03488163	38.12	45.2935567	46.2671775	-1%	1%	45.8687
274	2	75	4004284.96	152528.357	N/A	1	123300	0.03116496	0.03444964	38.12	45.2822879	46.1510831	-1%	1%	45.8687
251	2	75	3668158.85	142178.357	N/A	1	112850	0.03119841	0.03478406	38.12	45.2912112	46.2405192	-1%	1%	45.8687
94	2	75	1622173.83	79178.3574	N/A	1	49950	0.0317009	0.03690901	38.12	45.4223831	47.6224685	-1%	4%	45.8687
351	2	75	1373732.8	71528.3574	N/A	1	42300	0.03186383	0.0414383	38.11	45.4531734	48.0702918	-1%	5%	45.8687
111	2	75	5129576.72	187178.357	N/A	1	157950	0.0310849	0.0336849	38.11	45.2495406	45.9250077	-1%	0%	45.8687
366	2	75	5348789.4	193928.357	N/A	1	164700	0.03107322	0.0353224	38.1	45.2346258	45.8818832	-1%	0%	45.8687
365	2	75	5334175.22	193478.357	N/A	1	164250	0.03107397	0.03532973	38.1	45.2348208	45.8838744	-1%	0%	45.8687
214	2	75	3127434.24	125528.357	N/A	1	96300	0.03126729	0.0354729	38.12	45.3089868	46.4267742	-1%	1%	45.8687
174	2	75	2542867.09	107528.357	N/A	1	78300	0.03137471	0.03654713	38.12	45.3370406	46.7188251	-1%	2%	45.8687
241	2	75	3522017.06	137678.357	N/A	1	108450	0.03121494	0.03494938	38.12	45.2953242	46.2854223	-1%	1%	45.8687
286	2	75	4179655.11	157928.357	N/A	1	128700	0.03114965	0.0342965	38.11	45.2664165	46.0979381	-1%	0%	45.8687
157	2	75	229426.05	99878.3574	N/A	1	70650	0.03143694	0.03716943	38.12	45.3530309	46.889254	-1%	2%	45.8687
66	2	75	964535.793	58928.3574	N/A	1	29700	0.03231515	0.04595152	38.12	45.5837395	49.3957086	-1%	8%	45.8687
248	2	75	3624316.31	140828.357	N/A	1	111600	0.03120323	0.03483226	38.12	45.2922685	46.2538868	-1%	1%	45.8687
355	2	75	5188033.43	188978.357	N/A	1	159750	0.03108169	0.0336169	38.03	45.1537187	45.820072	-2%	0%	45.8687
115	1.5	75	1680630.55	80978.3574	N/A	2	66364.1787	0.03949565	0.0423942	38.16	47.5844211	48.4078625	-1%	1%	47.93089163
93	1.5	75	1359118.62	71078.3574	N/A	2	56464.1787	0.04155269	0.04513692	37.55	47.3966836	48.419987	-1%	1%	47.93089163
317	1.5	75	4632694.64	171878.357	N/A	2	157264.179	0.03395457	0.0350061	39.83	48.0828868	48.3776794	0%	1%	47.93089163
250	1.5	75	3653544.67	141728.357	N/A	2	127114.179	0.0348	0.03613333	39.59	48.0285343	48.4032474	0%	1%	47.93089163
48	1.5	75	701480.577	50828.3574	N/A	2	36214.1787	0.05163333	0.05857778	34.8	46.6716137	48.7133572	-3%	2%	47.93089163
324	1.5	75	4734993.9	175028.357	N/A	2	160414.179	0.03388642	0.03491523	39.85	48.0880061	48.3763774	0%	1%	47.93089163
313	1.5	75	4574237.93	170078.357	N/A	2	155464.179	0.03399489	0.03505985	39.82	48.0820649	48.3806706	0%	1%	47.93089163
314	1.5	75	4588852.11	170528.357	N/A	2	155914.179	0.03398471	0.03504628	39.83	48.0912993	48.3889983	0%	1%	47.93089163
166	1.5	75	2425953.66	103928.357	N/A	2	89314.1787	0.0368241	0.03883213	38.97	47.8379909	48.4049428	0%	1%	47.93089163
325	1.5	75	4749608.07	175478.357	N/A	2	160864.179	0.03387692	0.03490256	39.85	48.0853561	48.3728127	0%	1%	47.93089163
48	1.5	75	701480.577	50828.3574	N/A	2	36214.1787	0.05163333	0.05857778	34.8	46.6716137	48.7133572	-3%	2%	47.93089163
285	1.5	75	4165040.93	157478.357	N/A	2	142864.179	0.03430877	0.03547836	39.74	48.073016	48.4013322	0%	1%	47.93089163
79	1.5	75	1154520.12	64778.3574	N/A	2	50164.1787	0.04345823	0.04767764	37	47.2345606	48.4451276	-1%	1%	47.93089163
321	1.5	75	4691151.36	173678.357	N/A	2	159064.179	0.03391526	0.03495369	39.84	48.0839873	48.3750648	0%	1%	47.93089163
99	1.5	75	1446803.69	73778.3574	N/A	2	59164.1787	0.04090101	0.04426801	37.74	47.4529651	48.4126684	-1%	1%	47.93089163
302	1.5	75	4413481.96	165128.357	N/A	2	150514.179	0.03411126	0.03521501	39.79	48.0783121	48.3879223	0%	1%	47.93089163
309	1.5	75	4515781.21	168278.357	N/A	2	153664.179	0.03403625	0.03511499	39.81	48.0815325	48.3840532	0%	1%	47.93089163
376	1.5	75	5494931.19	198428.357	N/A	2	183814.179	0.03345957	0.0343461	39.86	47.9811458	48.2286374	0%	1%	47.93089163
243	1.5	75	3551245.42	138578.357	N/A	2	123964.179	0.03491523	0.03628697	39.55	48.0121888	48.3977533	0%	1%	47.93089163
225	1.5	75	3288190.2	130478.357	N/A	2	115864.179	0.03524444	0.03672593	39.45	47.9826799	48.3994156	0%	1%	47.93089163
59	1.5	75	862236.543	55778.3574	N/A	2	41164.1787	0.04774915	0.05339887	35.81	46.9072663	48.5478169	-2%	1%	47.93089163
180	1.5	75	2630552.16	110228.357	N/A	2	95614.1787	0.03635556	0.03820741	39.11	47.8785031	48.4007558	0%	1%	47.93089163
213	1.5	75	3112820.06	125078.357	N/A	2	110464.179	0.03549484	0.03705978	39.38	47.967476	48.4080187	0%	1%	47.93089163
159	1.5	75	2323654.41	100778.357	N/A	2	86164.1787	0.03708931	0.03918574	38.89	47.8139496	48.4062356	0%	1%	47.93089163
92	1.5	75	1344504.44	70628.3574	N/A	2	56014.1787	0.04166957	0.04529275	37.52	47.391653	48.426496	-1%	1%	47.93089163
254	1.5	75	3712001.39	143528.357	N/A	2	128914.179	0.03473701	0.03604934	39.61	48.0351916	48.4039563	0%	1%	47.93089163
51	1.5	75	745323.113	52178.3574	N/A	2	37564.1787	0.05040784	0.05694379	35.11	46.7371116	48.6508132	-2%	2%	47.93089163
299	1.5	75	4369639.43	163778.357	N/A	2	149164.179	0.03414448	0.03525931	39.78	48.0755033	48.3882456	0%	1%	47.93089163
52	1.5	75	759937.292	52628.3574	N/A	2	38014.1787	0.05003077	0.05644103	35.21	46.762926	48.6376729	-2%	1%	47.93089163
161	1.5	75	2352882.77	101678.357	N/A	2	87064.1787	0.03701118	0.03908157	38.91	47.8166624	48.4014285	0%	1%	47.93089163
238	1.5	75	3478174.53	136328.357	N/A	2	121714.179	0.03500168	0.03640224	39.53	48.0120633	48.4058713	0%	1%	47.93089163
252	1.5	75	3682773.03	142628.357	N/A	2	128014.179	0.03476825	0.03609101	39.6	48.0317942	48.4035085	0%	1%	47.93089163
128	1.5	75	1870614.87	86828.3574	N/A	2	72214.1787	0.0366125	0.04121667	38.43	47.6725778	48.4109426	-1%	1%	47.93089163
137	1.5	75	2002142.48	90878.3574	N/A	2	76264.1787	0.03609927	0.04053236	38.58	47.7145408	48.4034853	0%	1%	47.93089163
249	1.5	75	3638930.49	141278.357	N/A	2	126664.179	0.03481606	0.03615475	39.58	48.0208908	48.3970745	0%	1%	47.93089163
286	1.5	75	4179655.11	157928.357	N/A	2	143314.179	0.0342965	0.035462	39.74	48.0695896				

108	1.5	75	1578331.3	77828.3574	N/A	2	63214.1787	0.04005926	0.04314568	37.99	47.530214	48.4081644	-1%	1%	47.93089163
137	1.5	75	2002142.48	90878.3574	N/A	2	76264.1787	0.03809927	0.04053236	38.58	47.7145408	48.4034853	0%	1%	47.93089163
349	1.5	75	5100348.36	186278.357	N/A	2	171664.179	0.03366533	0.03462044	39.89	48.0745742	48.341964	0%	1%	47.93089163
213	1.5	75	3112820.06	125078.357	N/A	2	110464.179	0.03549484	0.03705978	39.38	47.967476	48.4080187	0%	1%	47.93089163
168	1.5	75	2455182.02	104828.357	N/A	2	90214.1787	0.03675238	0.03873651	38.99	47.8424653	48.4025486	0%	1%	47.93089163
262	1.5	75	3828914.82	147128.357	N/A	2	132514.179	0.03461679	0.03588906	39.64	48.0379752	48.3953185	0%	1%	47.93089163
274	1.5	75	4004284.96	152528.357	N/A	2	137914.179	0.03444964	0.03566618	39.69	48.0518491	48.3933991	0%	1%	47.93089163
360	1.5	75	5261104.33	191228.357	N/A	2	176614.179	0.03357778	0.0345037	39.89	48.050173	48.3091652	0%	1%	47.93089163
220	1.5	75	3215119.31	128228.357	N/A	2	113614.179	0.03534545	0.03686061	39.42	47.9744147	48.400731	0%	1%	47.93089163
370	1.5	75	5407246.11	195728.357	N/A	2	181114.179	0.0335027	0.0344036	39.88	48.0172233	48.2689631	0%	1%	47.93089163
51	1.5	75	745323.113	52178.3574	N/A	2	37564.1787	0.05040784	0.05694379	35.11	46.7371116	48.6508132	-2%	2%	47.93089163
241	1.5	75	3522017.06	137678.357	N/A	2	123064.179	0.03494938	0.0363325	39.54	48.0095907	48.3983902	0%	1%	47.93089163
178	1.5	75	2601323.81	109328.357	N/A	2	94714.1787	0.03641798	0.03829064	39.09	47.8714782	48.399662	0%	1%	47.93089163
180	1.5	75	2630552.16	110228.357	N/A	2	95614.1787	0.03635556	0.03820741	39.11	47.8785031	48.4007558	0%	1%	47.93089163
363	1.5	75	5304946.86	192578.357	N/A	2	177964.179	0.03355482	0.03447309	39.89	48.0437778	48.3005705	0%	1%	47.93089163
120	1.5	75	1753701.44	83228.3574	N/A	2	68614.1787	0.03913333	0.04191111	38.27	47.6198231	48.4083077	-1%	1%	47.93089163
316	1.5	75	4618080.47	171428.357	N/A	2	156814.179	0.03396456	0.03501941	39.83	48.085673	48.3814281	0%	1%	47.93089163
290	1.5	75	4238111.82	159728.357	N/A	2	145114.179	0.03424828	0.0353977	39.75	48.0682164	48.3907572	0%	1%	47.93089163
64	1.5	75	935307.436	58028.3574	N/A	2	43414.1787	0.046425	0.05163333	36.17	47.0024281	48.5089732	-2%	2%	47.93089163
184	1.5	75	2689008.88	112028.357	N/A	2	97414.1787	0.03623478	0.03804638	39.15	47.8996964	48.4044644	0%	1%	47.93089163
242	1.5	75	3536831.24	136128.357	N/A	2	123514.179	0.0349222	0.03630964	39.55	48.019407	48.4041647	0%	1%	47.93089163
69	1.5	75	1008378.33	60278.3574	N/A	2	45664.1787	0.04529275	0.05012367	38.48	47.0841388	48.4769873	-2%	1%	47.93089163
143	1.5	75	2089827.55	93578.3574	N/A	2	78964.1787	0.03773301	0.04012401	38.68	47.7523037	48.411996	0%	1%	47.93089163
167	1.5	75	2440567.84	104378.357	N/A	2	89764.1787	0.03678902	0.03878403	38.98	47.840169	48.4036649	0%	1%	47.93089163
162	1.5	75	2367496.95	102128.357	N/A	2	87514.1787	0.03697284	0.03903045	38.93	47.8305047	48.411734	0%	1%	47.93089163
387	1.5	75	5655687.15	203378.357	N/A	2	188764.179	0.03338398	0.03424531	39.76	47.8398074	48.0794795	0%	1%	47.93089163
58	1.5	75	847622.364	55328.3574	N/A	2	40714.1787	0.04804138	0.05378851	35.73	46.8851241	48.5553504	-2%	1%	47.93089163
210	1.5	75	3068977.52	123728.357	N/A	2	109114.179	0.0355619	0.03714921	39.36	47.9618637	48.408775	0%	1%	47.93089163
201	1.5	75	2937449.92	119678.357	N/A	2	105064.179	0.03577512	0.0374335	39.29	47.9361369	48.4032322	0%	1%	47.93089163
329	1.5	75	4808064.79	172728.357	N/A	2	162664.179	0.03383951	0.03485268	39.86	48.0869831	48.3709095	0%	1%	47.93089163
326	1.5	75	4764222.25	175928.357	N/A	2	161314.179	0.03396748	0.03488998	39.86	48.0947884	48.381408	0%	1%	47.93089163
99	1.5	75	1446803.69	73778.3574	N/A	2	59164.1787	0.04090101	0.04426801	37.74	47.4529651	48.4126684	-1%	1%	47.93089163
258	1.5	75	3770458.1	145328.357	N/A	2	130714.179	0.03467597	0.03596796	39.63	48.0423865	48.4053943	0%	1%	47.93089163
140	1.5	75	2045985.02	92228.3574	N/A	2	77614.1787	0.03794286	0.04032381	38.63	47.73253	48.4065127	0%	1%	47.93089163
44	1.5	75	643023.862	49028.3574	N/A	2	34414.1787	0.05352727	0.061110303	34.33	46.5780554	48.8201923	-3%	2%	47.93089163
41	1.5	75	599181.326	47678.3574	N/A	2	33064.1787	0.05519024	0.06332033	33.92	46.495025	48.9153157	-3%	2%	47.93089163
246	1.5	75	3595087.96	139928.357	N/A	2	125314.179	0.03486504	0.03622005	39.57	48.0224412	48.4033039	0%	1%	47.93089163
161	1.5	75	2352882.77	101678.357	N/A	2	87064.1787	0.03701118	0.03908157	38.91	47.8166624	48.4014285	0%	1%	47.93089163
398	1.5	75	5816443.12	208328.357	N/A	2	193714.179	0.03331256	0.03415008	39.43	47.4231179	47.6540666	-1%	-1%	47.93089163
89	1.5	75	1300661.9	69278.3574	N/A	2	54664.1787	0.04203596	0.04578127	37.41	47.3555636	48.4261828	-1%	1%	47.93089163
362	1.5	75	5290332.69	192128.357	N/A	2	177514.179	0.03356243	0.03448324	39.89	48.0458976	48.3034193	0%	1%	47.93089163
257	1.5	75	3755843.92	144878.357	N/A	2	130264.179	0.03469105	0.03598807	39.62	48.0344769	48.3988605	0%	1%	47.93089163
375	1.5	75	548031.07	197978.357	N/A	2	183364.179	0.03346667	0.03435556	39.86	47.9831183	48.2312874	0%	1%	47.93089163
108	1.5	75	1578331.3	77828.3574	N/A	2	63214.1787	0.04005926	0.04314568	37.99	47.530214	48.4081644	-1%	1%	47.93089163
349	1.5	75	5100348.36	186278.357	N/A	2	171664.179	0.03366533	0.03462044	39.89	48.0745742	48.341964	0%	1%	47.93089163
50	1.5	75	730708.934	51728.3574	N/A	2	37114.1787	0.0508	0.05746667	35.01	46.7153392	48.6698631	-3%	2%	47.93089163
373	1.5	75	5451088.65	197078.357	N/A	2	182464.179	0.03348097	0.03437462	39.87	47.9991342	48.2487324	0%	1%	47.93089163
188	1.5	75	2747465.59	113828.357	N/A	2	99214.1787	0.03611915	0.0378922	39.19	47.9102337	48.4100901	0%	1%	47.93089163
79	1.5	75	1154520.12	64778.3574	N/A	2	50164.1787	0.04345823	0.04767764	37	47.2345606	48.4451276	-1%	1%	47.93089163
108	2	75	1578331.3	77828.3574	N/A	2	48600	0.03172593	0.04005926	40.75	48.8236168	50.9833172	2%	6%	47.93089163
107	2	75	156371.12	77378.3574	N/A	2	48150	0.03173458	0.04014579	40.79	48.8764338	51.0594464	2%	7%	47.93089163
255	2	75	3726615.57	143978.357	N/A	2	114750	0.03119216	0.03472157	40.52	48.2496816	49.1343392	1%	3%	47.93089163
354	2	75	5173419.26	188528.357	N/A	2	159300	0.03108249	0.03362486	40.16	47.7605809	48.3886144	0%	1%	47.93089163
343	2	75	5012663.29	183578.357	N/A	2	154350	0.03109155	0.03371545	40.44	48.098595	48.7515929	0%	2%	47.93089163
292	2	75	4267340.18	160628.357	N/A	2	131400	0.03114247	0.03422466	40.72	48.4600593	49.2344467	1%	3%	47.93089163
150	2	75	2192126.8	96728.3574	N/A	2	67500	0.03146667	0.03746667	40.8	48.7372587	50.2732456	2%	5%	47.93089163
366	2	75	5348789.4	193928.357	N/A	2	164700	0.03107322	0.03353224	40.14	47.7317004	48.3385509	0%	1%	47.93089163
129	2	75	1885229.05	87278.3574	N/A	2	58050	0.03157519	0.03855194	40.52	48.4635158	50.2473359	0%	5%	47.93089163
246	2	75	3595087.96	139928.357	N/A	2	110700	0.0312065	0.03486504	40.77	48.5554057	49.47877	1%	3%	47.93089163
272	2	75	3975056.6	151628.357	N/A	2	122400	0.03116765	0.03447647	40.09	47.7241633	48.5436919	0%	1%	47.93089163
295	2	75	4311182.71	161978.357	N/A	2	132750	0.03113898	0.03418983	40.69	48.4224126	49.1882227	1%	3%	47.93089163
129	2	75	1885229.05	87278.3574	N/A	2	58050	0.03157519	0.03855194	40.8	48.7984068	50.5945534	2%	6%	47.93089163
271	2	75	3960442.42	151178.357	N/A	2	121950	0.031169	0.03449004	40.73	48.4867942	49.3225366	1%	3%	47.93089163
182	2	75	2659780.52	111128.357	N/A	2	81900	0.03134945	0.03629451	40.5	48.3134647	49.5624606	0%	1%	47.93089163
124	2	75	1812158.16	85028.3574	N/A	2	55800	0.03160645	0.03886452	40.8	48.8160396	50.6876591	-2%	6%	47.93089163
390	2	75	5699529.69	204728.357	N/A	2	175500	0.03105641	0.0333641	39.85	47.3776714	47.9425742	-1%	0%	47.93089163
97	2	75	1417575.33	72878.3574	N/A	2	43650	0.03183093	0.04110928	39.04	46.8318617	49.1481005	-2%	3%	47.93089163
61	2	75	891464.9	56678.3574	N/A	2	27450	0.03243934	0.04719344	40.63	49.0840018	53.042901	2%	11%	47.93089163
84	2	75	1227591.01	67028.3574	N/A	2	37800	0.03199048	0.04						

339	2	75	4954206.58	181778.357	N/A	2	152550	0.03109499	0.03374985	40.4	48.052925	48.7130912	0%	2%	47.93089163
82	2	75	1198362.65	66128.3574	N/A	2	36900	0.03201951	0.04299512	40.8	49.0499386	51.9421736	2%	8%	47.93089163
317	2	75	4632694.64	171878.357	N/A	2	142650	0.03111546	0.03395457	40.59	48.2903108	49.0003609	1%	2%	47.93089163
325	2	75	4749608.07	175478.357	N/A	2	146250	0.03110769	0.03387692	40.32	47.9647956	48.6524857	0%	2%	47.93089163
106	2	75	1549102.94	76928.3574	N/A	2	47700	0.0317434	0.04023396	40.81	48.9053862	51.1110913	2%	7%	47.93089163
337	2	75	4924978.22	180878.357	N/A	2	151650	0.03109674	0.03376736	40.59	48.2799807	48.9471581	1%	2%	47.93089163
75	2	75	1090663.4	62978.3574	N/A	2	33750	0.03213333	0.04413333	40.2	48.3924073	51.5268686	1%	8%	47.93089163
326	2	75	4764222.25	175928.357	N/A	2	146700	0.03110675	0.03386748	40.45	48.1189205	48.8066782	0%	2%	47.93089163
297	2	75	4340411.07	162878.357	N/A	2	133650	0.0311367	0.034167	40.67	48.3973383	49.1575281	1%	3%	47.93089163
273	2	75	3989670.78	152078.357	N/A	2	122850	0.0311663	0.034463	40.71	48.4614746	49.2905715	1%	3%	47.93089163
351	2	75	5129576.72	187178.357	N/A	2	157950	0.0310849	0.033649	40.44	48.0949114	48.732808	0%	2%	47.93089163
215	2	75	3142048.42	125978.357	N/A	2	96750	0.03126512	0.03545116	40.24	47.9566101	49.0025378	0%	2%	47.93089163
185	2	75	2703623.06	112478.357	N/A	2	83250	0.03134054	0.03620541	40.6	48.4277766	49.6589841	1%	4%	47.93089163
54	2	75	789165.649	53528.3574	N/A	2	24300	0.03265185	0.04931852	39.33	47.6309719	52.0094648	-1%	9%	47.93089163
84	2	75	1227591.01	67028.3574	N/A	2	37800	0.03199048	0.04270476	40.76	48.9853706	51.8016608	2%	8%	47.93089163
376	2	75	5494931.19	198428.357	N/A	2	169200	0.03106596	0.03345957	40.23	47.8347161	48.4265302	0%	1%	47.93089163
183	2	75	2674394.7	111578.357	N/A	2	82350	0.03134645	0.03626448	40.74	48.5980825	49.84742	1%	4%	47.93089163
141	2	75	2060599.2	92678.3574	N/A	2	63450	0.03150922	0.0378922	40.8	48.7612212	50.3988669	2%	5%	47.93089163
120	2	75	1753701.44	83228.3574	N/A	2	54000	0.03163333	0.03913333	39.85	47.6942102	49.5858361	0%	3%	47.93089163
154	2	75	2250583.52	98528.3574	N/A	2	69300	0.03144835	0.03729351	40.54	48.4169943	49.9022148	1%	4%	47.93089163
567	2	75	5363403.58	194378.357	N/A	2	165150	0.03107249	0.0335248	40.24	47.8502029	48.4569844	0%	1%	47.93089163
103	2	75	818394.007	54528.3574	N/A	2	25200	0.03258579	0.04865714	39.7	48.0421156	52.2889721	0%	9%	47.93089163
69	2	75	1505260.4	75578.3574	N/A	2	46350	0.03177067	0.04050874	39.91	47.8420607	50.065146	0%	4%	47.93089163
231	2	75	1008378.33	60278.3574	N/A	2	31050	0.03224928	0.04529275	40.75	49.1204913	52.5954081	2%	10%	47.93089163
88	2	75	3375875.28	133178.357	N/A	2	103950	0.0312329	0.035129	39.76	48.558278	49.5427004	1%	3%	47.93089163
239	2	75	1286047.72	68828.3574	N/A	2	39600	0.03193636	0.04216364	38.17	45.8439681	48.3542617	-4%	1%	47.93089163
393	2	75	5743372.22	206078.357	N/A	2	176850	0.03105445	0.03334453	39.67	47.1626056	47.7206078	-2%	0%	47.93089163
223	2	75	3258961.85	129578.357	N/A	2	100350	0.03124843	0.0352843	40.26	47.9712102	48.9792475	0%	2%	47.93089163
248	2	75	3624316.31	140828.357	N/A	2	111600	0.03120323	0.03483226	40.34	48.0414768	48.9475811	0%	2%	47.93089163
251	2	75	3668158.85	142178.357	N/A	2	112950	0.03119841	0.03478406	40.75	48.5270543	49.431203	1%	3%	47.93089163
164	2	75	2396725.3	103028.357	N/A	2	73800	0.03140976	0.03689756	40.79	48.693301	50.0836784	2%	5%	47.93089163
250	2	75	3653544.67	141728.357	N/A	2	112500	0.0312	0.0348	40.67	48.4326766	49.3387343	1%	3%	47.93089163
273	2	75	3989670.78	152078.357	N/A	2	122850	0.0311663	0.034463	40.61	48.3424339	49.1694942	1%	3%	47.93089163
326	2	75	4764222.25	175928.357	N/A	2	146700	0.03110675	0.03386748	40.64	48.3449426	49.0359308	1%	2%	47.93089163
293	2	75	4281954.36	161078.357	N/A	2	131850	0.0311413	0.03421297	40.34	48.007182	48.7716785	0%	2%	47.93089163
365	2	75	5334175.22	193478.357	N/A	2	164250	0.03107397	0.03353973	40.34	47.9699404	48.581509	0%	1%	47.93089163
392	2	75	5728758.05	205628.357	N/A	2	176400	0.0310551	0.03335102	39.77	47.2818466	47.8427012	-1%	0%	47.93089163
289	2	75	4223497.64	159278.357	N/A	2	130050	0.03114602	0.03426021	40.26	47.9145864	48.6883153	0%	2%	47.93089163
82	2	75	1198362.65	66128.3574	N/A	2	36900	0.03201951	0.04299512	40.41	48.5810789	51.4456675	1%	7%	47.93089163
195	2	75	2849764.84	116978.357	N/A	2	87750	0.03131282	0.03592821	40.78	48.6269219	49.7984867	1%	4%	47.93089163
52	2	75	759937.292	52628.3574	N/A	2	23400	0.03272308	0.05003077	40.77	49.4158087	54.1472449	3%	13%	47.93089163
255	2	75	3726615.57	143978.357	N/A	2	114750	0.03119216	0.03472157	40.57	48.3092197	49.1949689	1%	3%	47.93089163
284	2	75	4150426.75	157028.357	N/A	2	127800	0.03115211	0.03432113	40.66	48.3940369	49.1894601	0%	3%	47.93089163
274	2	75	4004284.96	152528.357	N/A	2	123300	0.03116496	0.03444964	40.25	47.9131487	48.7298293	1%	2%	47.93089163
381	2	75	5568002.08	200678.357	N/A	2	171450	0.03106247	0.03342467	40.13	47.7138938	48.296385	0%	1%	47.93089163
363	2	75	5304946.86	192578.357	N/A	2	163350	0.03107548	0.03355482	39.9	47.4475438	48.0558219	-1%	0%	47.93089163
344	2	75	5027227.47	184028.357	N/A	2	154800	0.0310907	0.03370698	40.26	47.8840385	48.5322118	0%	1%	47.93089163
164	2	75	2396725.3	103028.357	N/A	2	73800	0.03140976	0.03689756	40.79	48.693301	50.0936784	2%	5%	47.93089163
348	2	75	5085734.18	185828.357	N/A	2	156600	0.03108736	0.03367356	40.5	48.1676323	48.812064	0%	2%	47.93089163
163	2	75	2382111.13	102578.357	N/A	2	73350	0.0314135	0.03693497	40.61	48.480519	49.8835423	1%	4%	47.93089163
241	2	75	3522017.06	137678.357	N/A	2	108450	0.03121494	0.03494938	40.67	48.4410215	49.3816402	1%	3%	47.93089163
102	2	75	1490646.23	75128.3574	N/A	2	45900	0.03178039	0.04060392	40.41	48.4467699	50.7209083	1%	6%	47.93089163
175	2	75	2557481.27	107978.357	N/A	2	78750	0.03137143	0.03651429	40.62	48.4689105	49.7731996	1%	4%	47.93089163
295	2	75	4311182.71	161978.357	N/A	2	132750	0.03113898	0.03418983	40.5	48.1963065	48.9585407	1%	2%	47.93089163
212	2	75	3098205.88	124628.357	N/A	2	95400	0.0312717	0.03551698	40.73	48.5442609	49.6182713	0%	4%	47.93089163
319	2	75	4661923	172778.357	N/A	2	143550	0.03111348	0.0339348	40.49	48.1702416	48.87403	1%	2%	47.93089163
114	2	75	1666016.37	80528.3574	N/A	2	51300	0.03167719	0.03957193	39.55	47.3591672	49.3398941	-1%	3%	47.93089163
153	2	75	2239693.34	98078.3574	N/A	2	68850	0.03145359	0.03733595	39.64	47.3444432	48.8065059	-1%	2%	47.93089163
170	2	75	2484410.38	105278.357	N/A	2	76500	0.03138824	0.03668235	40.68	48.5499231	49.895729	1%	4%	47.93089163
256	2	75	3741229.74	144428.357	N/A	2	115200	0.03119063	0.03470625	40.74	48.5107923	49.3967086	1%	3%	47.93089163
236	2	75	3448946.17	135428.357	N/A	2	106200	0.03122373	0.03503729	40.64	48.4101976	49.3704719	1%	3%	47.93089163
389	2	75	5684915.51	204278.357	N/A	2	175050	0.03105707	0.03337069	39.81	47.3304749	47.8962806	-1%	0%	47.93089163
159	2	75	2323654.41	100778.357	N/A	2	71550	0.03142893	0.03708931	40.14	47.9279702	49.3507827	0%	3%	47.93089163
248	2	75	3624316.31	140828.357	N/A	2	111600	0.03120323	0.03483226	40.28	47.970022	48.8747786	0%	2%	47.93089163
217	1.5	75	3171276.78	126878.357	N/A	3	112264.179	0.03540829	0.03694439	38.64	47.0423723	47.4662987	1%	1%	46.80827401
147	1.5	75	2148284.27	95378.3574	N/A	3	80764.1787	0.03760272	0.03987029	37.1	45.7506293	46.3649689	-2%	-1%	46.80827401
369	1.5	75	5392631.94	195278.357	N/A	3	180664.179	0.03351003	0.03441337	39.45	47.5015017	47.7512204	1%	2%	46.80827401
330	1.5	75	4822678.97	177278.357	N/A	3	163114.179	0.0338303	0.0348404	39.64	47.8192021	48.1004978	2%	2%	46.80827401
390	1.5	75	5699529.69	204728.357	N/A	3	190114.179	0.0333641	0.0342188	38.92	46.8237136	47.0564713	0%	1%	46.80827401
252	1.5	75	3682773.03	142628.357	N/A	3	128014.179	0.03476825	0.03609101	39.08	47.4010736	47.7679069	1%	2%	46.80827401
224	1.5	75	3												

142	1.5	75	2075213.37	93128.3574	N/A	3	78514.1787	0.03784225	0.04018967	36.93	45.6050204	46.2396191	-3%	-1%	46.80827401
81	1.5	75	1183748.47	65678.3574	N/A	3	51064.1787	0.04314568	0.04726091	33.46	42.6358826	43.700151	-9%	-7%	46.80827401
191	1.5	75	2791308.13	115178.357	N/A	3	100564.179	0.0360356	0.0377808	38.2	46.6771724	47.1563444	0%	1%	46.80827401
334	1.5	75	4881135.68	179528.357	N/A	3	164914.179	0.03379401	0.03479202	39.65	47.8210133	48.0990989	2%	3%	46.80827401
270	1.5	75	3945828.25	150728.357	N/A	3	136114.179	0.0345037	0.03573827	39.27	47.5583083	47.9014368	2%	2%	46.80827401
374	1.5	75	5465702.83	197528.357	N/A	3	182914.179	0.0334738	0.03436506	39.37	47.3952193	47.6410107	1%	2%	46.80827401
363	1.5	75	5304946.86	192578.357	N/A	3	177964.179	0.03355482	0.03447309	39.53	47.6101915	47.8646667	2%	2%	46.80827401
395	1.5	75	5772600.58	206978.357	N/A	3	192364.179	0.0333165	0.03417553	38.69	46.5382529	46.7666319	-1%	0%	46.80827401
375	1.5	75	5480317.01	197978.357	N/A	3	183364.179	0.03346667	0.03435556	39.35	47.3691847	47.6141786	1%	2%	46.80827401
328	1.5	75	4793450.61	176828.357	N/A	3	162214.179	0.03384878	0.03486504	39.64	47.8241472	48.1073937	2%	3%	46.80827401
231	1.5	75	3375875.28	133178.357	N/A	3	118564.179	0.035129	0.03657201	38.83	47.1968365	47.5959043	1%	2%	46.80827401
373	1.5	75	5451088.65	197078.357	N/A	3	182464.179	0.03348097	0.03437462	39.39	47.4212665	47.6678598	1%	2%	46.80827401
372	1.5	75	5436474.47	196628.357	N/A	3	182014.179	0.03348817	0.03438423	39.41	47.4473265	47.694726	1%	2%	46.80827401
234	1.5	75	3419717.81	134528.357	N/A	3	119914.179	0.0350735	0.03649801	38.87	47.2301899	47.6243269	1%	2%	46.80827401
277	1.5	75	4048127.5	153878.357	N/A	3	139264.179	0.03441011	0.03561348	39.33	47.6050673	47.9397209	2%	2%	46.80827401
258	1.5	75	3770458.1	145328.357	N/A	3	130714.179	0.03467597	0.03596796	39.15	47.4604953	47.8191064	1%	2%	46.80827401
389	1.5	75	5684915.51	204278.357	N/A	3	189664.179	0.03337069	0.03422759	38.96	46.873627	47.1072383	0%	-1%	46.80827401
56	1.5	75	818394.007	54428.3574	N/A	3	39814.1787	0.04865714	0.05460952	30.49	40.1583806	41.6441548	-14%	-11%	46.80827401
52	1.5	75	759937.292	52628.3574	N/A	3	38014.1787	0.05003077	0.05644103	29.86	39.6575113	41.2473988	-15%	-12%	46.80827401
54	1.5	75	789165.649	53528.3574	N/A	3	38914.1787	0.04931852	0.05549136	30.18	39.9096275	41.4454354	-15%	-11%	46.80827401
317	1.5	75	4632094.64	171878.357	N/A	3	157264.179	0.03395457	0.0350061	39.6	47.8052302	48.0983205	2%	3%	46.80827401
368	1.5	75	4378017.76	194828.357	N/A	3	180824.179	0.03351799	0.03442919	39.47	47.5276126	47.7781553	2%	2%	46.80827401
288	1.5	75	4355025.25	16328.357	N/A	3	148714.179	0.0341557	0.03527427	39.49	47.728138	48.0396783	2%	2%	46.80827401
217	1.5	75	3171276.78	128878.357	N/A	3	112264.179	0.03540829	0.03694439	38.64	47.0423723	47.4662987	1%	1%	46.80827401
279	1.5	75	4077355.85	154778.357	N/A	3	140164.179	0.03438423	0.03557897	39.35	47.6221128	47.9544501	2%	2%	46.80827401
318	1.5	75	4647308.82	172328.357	N/A	3	157714.179	0.03394465	0.03498287	39.6	47.8024777	48.0946173	2%	3%	46.80827401
193	1.5	75	2820536.49	116078.357	N/A	3	101464.179	0.03598135	0.03770846	38.24	46.7112526	47.1856856	0%	1%	46.80827401
238	1.5	75	3478174.53	136328.357	N/A	3	121714.179	0.03500168	0.03640224	38.92	47.2711739	47.6589049	1%	2%	46.80827401
344	1.5	75	5027277.47	184028.357	N/A	3	169414.179	0.03370698	0.03467597	39.64	47.7848206	48.0545092	2%	3%	46.80827401
66	1.5	75	964535.793	58928.3574	N/A	3	44314.1787	0.04595152	0.05100202	31.86	41.2840314	42.5644973	-12%	-9%	46.80827401
213	1.5	75	3112820.06	125078.357	N/A	3	110464.179	0.03549484	0.03705978	38.58	46.9930224	47.4246155	0%	1%	46.80827401
134	1.5	75	1958299.94	89528.3574	N/A	3	74914.1787	0.03826269	0.04075025	36.64	45.3587223	46.0287843	-3%	-2%	46.80827401
268	1.5	75	3916599.89	149828.357	N/A	3	135214.179	0.03453134	0.03577512	39.25	47.5417254	47.8873345	2%	2%	46.80827401
291	1.5	75	4252726	160178.357	N/A	3	145564.179	0.03423643	0.0353819	39.44	47.690062	48.0089497	2%	3%	46.80827401
91	1.5	75	1329890.26	70178.3574	N/A	3	55564.1787	0.04178901	0.04545201	34.29	43.3425286	44.2998534	-7%	-5%	46.80827401
312	1.5	75	4559623.75	169628.357	N/A	3	155014.179	0.03400513	0.0350735	39.58	47.7951094	48.0928972	2%	3%	46.80827401
231	1.5	75	3375875.28	133178.357	N/A	3	118564.179	0.035129	0.03657201	38.83	47.1968365	47.5959043	1%	2%	46.80827401
172	1.5	75	2513638.73	106628.357	N/A	3	92014.1787	0.03661395	0.03855194	37.79	46.332486	46.861965	-1%	0%	46.80827401
69	1.5	75	1008378.33	60278.3574	N/A	3	45664.1787	0.04529275	0.05012367	32.22	41.5858663	42.8160233	-11%	-9%	46.80827401
355	1.5	75	5188033.43	188978.357	N/A	3	174364.179	0.0336169	0.03455587	39.6	47.7116711	47.9725039	2%	2%	46.80827401
329	1.5	75	4808064.79	177278.357	N/A	3	162664.179	0.03383951	0.03485268	39.64	47.8215758	48.1039351	2%	3%	46.80827401
85	1.5	75	1242205.19	67478.3574	N/A	3	52864.1787	0.04256471	0.04648627	33.81	42.9331664	43.9518299	-8%	-6%	46.80827401
83	1.5	75	1212976.83	66578.3574	N/A	3	51964.1787	0.04284819	0.04686426	33.64	42.7893926	43.8303986	-9%	-6%	46.80827401
88	1.5	75	1286047.72	68828.3574	N/A	3	54214.1787	0.04216364	0.04595152	34.06	43.1476593	44.1347806	-8%	-6%	46.80827401
147	1.5	75	2148284.27	95378.3574	N/A	3	80764.1787	0.03760272	0.03987029	37.1	45.7506293	46.3649689	-2%	-1%	46.80827401
172	1.5	75	2513638.73	106628.357	N/A	3	92014.1787	0.03661395	0.03855194	37.79	46.332486	46.861965	-1%	0%	46.80827401
191	1.5	75	2791308.13	115178.357	N/A	3	100564.179	0.0360356	0.0377808	38.2	46.6771724	47.1563444	0%	1%	46.80827401
278	1.5	75	4062741.68	154328.357	N/A	3	139714.179	0.03439712	0.03559616	39.34	47.6135779	47.947069	2%	2%	46.80827401
237	1.5	75	3463560.35	135878.357	N/A	3	121264.179	0.03501941	0.03642588	38.91	47.2639057	47.6532421	1%	2%	46.80827401
119	1.5	75	1739087.26	82778.3574	N/A	3	68164.1787	0.03920336	0.04200448	36	44.8137133	45.5621961	-3%	-4%	46.80827401
148	1.5	75	2162898.45	95828.3574	N/A	3	81214.1787	0.03755676	0.03980901	37.13	45.7752863	46.3856835	-2%	-1%	46.80827401
363	1.5	75	5304946.86	192578.357	N/A	3	177964.179	0.03355482	0.03447309	39.53	47.6101915	47.8646667	2%	2%	46.80827401
377	1.5	75	5509545.37	198878.357	N/A	3	184264.179	0.03345252	0.03433669	39.31	47.317153	47.560565	1%	2%	46.80827401
96	1.5	75	1402961.15	72428.3574	N/A	3	57814.1787	0.04121667	0.04468889	34.66	43.6618077	44.5736819	-7%	-5%	46.80827401
301	1.5	75	4398867.79	164678.357	N/A	3	150064.179	0.03412226	0.03522968	39.51	47.7430375	48.0515243	2%	3%	46.80827401
386	1.5	75	5641072.97	202928.357	N/A	3	188314.179	0.03339067	0.03425423	39.06	46.9993805	47.2354589	0%	0%	46.80827401
96	1.5	75	1402961.15	72428.3574	N/A	3	57814.1787	0.04121667	0.04468889	34.66	43.6618077	44.5736819	-7%	-5%	46.80827401
233	1.5	75	3405103.63	134078.357	N/A	3	119464.179	0.03509185	0.03652246	38.86	47.2230818	47.6188817	1%	2%	46.80827401
399	1.5	75	5831057.3	208778.357	N/A	3	194164.179	0.03330627	0.03414169	38.45	46.2427684	46.4673984	-1%	-1%	46.80827401
289	1.5	75	4223497.64	159278.357	N/A	3	144664.179	0.03426021	0.03541361	39.43	47.6845572	48.005647	2%	3%	46.80827401
225	1.5	75	3288190.2	130478.357	N/A	3	115864.179	0.03524444	0.03672593	38.75	47.1312762	47.5406173	1%	2%	46.80827401
140	1.5	75	2045985.02	92228.3574	N/A	3	77614.1787	0.03794286	0.04032381	36.86	45.5454583	46.1885996	-3%	-1%	46.80827401
230	1.5	75	3361261.1	132728.357	N/A	3	118114.179	0.03514783	0.0365971	38.82	47.1898538	47.5966293	1%	2%	46.80827401
139	1.5	75	2031370.84	91778.3574	N/A	3	77164.1787	0.03799424	0.04039233	36.83	45.5221179	46.1696567	-3%	-1%	46.80827401
324	1.5	75	4734993.9	175028.357	N/A	3	160414.179	0.03388642	0.03491523	39.63	47.8225265	48.1093508	2%	3%	46.80827401
279	1.5	75	4077355.85	154778.357	N/A	3	140164.179	0.03438423	0.03557897	39.35	47.6221128	47.9544501	2%	2%	46.80827401
115	1.5	75	1680630.55	80978.3574	N/A	3	66364.1787	0.03949565	0.0423942	35.8	44.641569	45.4140848	-5%	-3%	46.80827401
168	1.5	75	2455182.02	104828.357	N/A	3	92014.1787	0.03675238	0.03873651	37.7	46.2595779	46.8			

291	2	75	4252726	160178.357	N/A	3	130950	0.03114364	0.03423643	40.9	48.5786507	49.4554649	4%	6%	46.80827401
250	2	75	3653544.67	141728.357	N/A	3	112500	0.0312	0.0348	41.32	49.0934355	50.1272806	5%	7%	46.80827401
286	2	75	4179655.11	157928.357	N/A	3	128700	0.03114965	0.0342965	41.12	48.8416439	49.7388406	4%	6%	46.80827401
256	2	75	3741229.74	144428.357	N/A	3	115200	0.03119063	0.03470625	40.99	48.6987236	49.6988302	4%	6%	46.80827401
182	2	75	2659780.52	111128.357	N/A	3	81900	0.03134945	0.03629451	39.72	47.2330828	48.6079244	1%	4%	46.80827401
325	2	75	4749608.07	175478.357	N/A	3	146250	0.03110769	0.03387692	40.62	48.2360953	49.0144834	3%	5%	46.80827401
121	2	75	1768315.62	83678.3574	N/A	3	54450	0.03162645	0.03906446	41.51	49.4405467	51.6304521	6%	10%	46.80827401
101	2	75	1476032.05	74678.3574	N/A	3	45450	0.0317901	0.04070099	40.98	48.8553863	51.4658851	4%	10%	46.80827401
148	2	75	2162898.45	95828.3574	N/A	3	66600	0.03147568	0.03755676	41.81	49.7545918	51.5449696	6%	10%	46.80827401
386	2	75	5641072.97	202928.357	N/A	3	173700	0.03105907	0.03339067	39.22	46.5605621	47.1919023	-1%	1%	46.80827401
175	2	75	2557481.27	107978.357	N/A	3	78750	0.03137143	0.039651429	41.82	49.736599	51.2436043	6%	9%	46.80827401
278	2	75	4062741.68	154328.357	N/A	3	125100	0.03115971	0.03439712	40.13	47.6685009	48.5697225	2%	4%	46.80827401
188	2	75	2747465.59	113828.357	N/A	3	84600	0.03133191	0.03611915	40.13	47.715813	49.0593947	2%	5%	46.80827401
158	2	75	2309040.23	100328.357	N/A	3	71100	0.03143291	0.03712911	41.82	49.7542261	51.428272	6%	10%	46.80827401
191	2	75	2791308.13	115178.357	N/A	3	85950	0.03132356	0.0360356	40.45	48.0939876	49.4264823	3%	6%	46.80827401
240	2	75	3507402.89	137228.357	N/A	3	108000	0.03121667	0.03496667	39.59	47.0424907	48.0751384	1%	3%	46.80827401
239	2	75	3492788.71	136778.357	N/A	3	107550	0.03121841	0.0349841	41.3	49.0748769	50.1567242	5%	7%	46.80827401
353	2	75	5158905.08	188078.357	N/A	3	158850	0.03108329	0.03363286	39.81	47.2675799	47.9691268	1%	2%	46.80827401
253	2	75	3697387.21	143078.357	N/A	3	113850	0.03119528	0.03475257	40.95	48.652499	49.66471	4%	6%	46.80827401
110	2	75	1607559.66	78728.3574	N/A	3	49500	0.03170909	0.03989091	41.85	49.8692691	52.3075474	7%	12%	46.80827401
303	2	75	4428096.14	165578.357	N/A	3	136350	0.03113093	0.03410033	40.97	48.6573787	49.5009665	6%	8%	46.80827401
301	2	75	4398967.79	164678.357	N/A	3	135450	0.03113222	0.03412226	41.25	48.9911392	49.8456162	5%	8%	46.80827401
137	2	75	2002142.48	90878.3574	N/A	3	61650	0.03152993	0.03809927	41.77	49.7225397	51.6598333	6%	10%	46.80827401
337	2	75	4924978.22	180878.357	N/A	3	151650	0.03109674	0.03378736	40.24	47.781832	48.5250959	2%	4%	46.80827401
128	2	75	1870614.87	86828.3574	N/A	3	57600	0.03158125	0.0386125	41.14	48.9870887	51.0343443	5%	9%	46.80827401
378	2	75	5524159.54	199328.357	N/A	3	170100	0.03106455	0.0334455	39.6	47.0131685	47.6642852	0%	2%	46.80827401
110	2	75	1607559.66	78728.3574	N/A	3	49500	0.03170909	0.03989091	39.93	47.58136	49.9077747	2%	7%	46.80827401
394	2	75	5757986.4	206528.357	N/A	3	177300	0.03105381	0.03333807	38.75	46.0012019	46.6121592	-2%	0%	46.80827401
350	2	75	5114962.54	186728.357	N/A	3	157500	0.03108571	0.03365714	40.07	47.569507	48.2892136	2%	3%	46.80827401
350	2	75	5114962.54	186728.357	N/A	3	157500	0.03108571	0.03365714	40.07	47.9331545	48.6507501	2%	4%	46.80827401
324	2	75	4734993.9	175028.357	N/A	3	145800	0.03110864	0.03388642	40.92	48.5926099	49.3792023	4%	5%	46.80827401
351	2	75	5129576.72	187178.357	N/A	3	157950	0.0310849	0.033649	40.44	48.0160436	48.732808	3%	4%	46.80827401
334	2	75	4881135.68	179528.357	N/A	3	150300	0.0310994	0.03379401	40.67	48.2931643	49.0512134	3%	5%	46.80827401
370	2	75	5407246.11	195728.357	N/A	3	166500	0.03107027	0.0335027	39.7	47.133441	47.8004956	1%	2%	46.80827401
226	2	75	3302804.38	130928.357	N/A	3	101700	0.03124248	0.03522478	39.96	47.4892007	48.5974211	1%	4%	46.80827401
208	2	75	3039749.17	122828.357	N/A	3	93600	0.03128077	0.03560769	41.29	49.0806232	50.3270863	5%	8%	46.80827401
204	2	75	2981292.45	121028.357	N/A	3	91800	0.0312902	0.03570196	41.69	49.558787	50.8425768	6%	9%	46.80827401
205	2	75	2995906.63	121478.357	N/A	3	92250	0.0312878	0.03567805	41.72	49.5937661	50.8720677	6%	9%	46.80827401
307	2	75	4486552.86	167378.357	N/A	3	138150	0.03112573	0.03405733	40.89	48.5617642	49.3919751	4%	6%	46.80827401
278	2	75	4062741.68	154328.357	N/A	3	125100	0.03115971	0.03439712	41.5	49.2958581	50.2278466	5%	7%	46.80827401
111	2	75	1622173.83	79178.3574	N/A	3	49950	0.0317009	0.03989091	40.86	48.6872659	51.0454896	4%	9%	46.80827401
42	2	75	613795.505	48128.3574	N/A	3	18900	0.03318095	0.05460952	41.7	50.1150627	56.9551083	7%	22%	46.80827401
141	2	75	2060599.2	92678.3574	N/A	3	63450	0.03150922	0.0378922	41.85	49.8118239	51.6958988	6%	10%	46.80827401
82	2	75	1198362.65	66128.3574	N/A	3	36900	0.03201951	0.04299512	41.31	49.3140541	52.5914508	5%	12%	46.80827401
342	2	75	4998049.11	183128.357	N/A	3	153900	0.0310924	0.03372398	39.75	47.1988165	47.9221474	1%	2%	46.80827401
110	2	75	1607559.66	78728.3574	N/A	3	49500	0.03170909	0.03989091	41.82	49.8335205	52.700051	6%	12%	46.80827401
89	2	75	1300661.9	69278.3574	N/A	3	40050	0.0319236	0.04203596	37.69	44.9677537	47.1100024	-4%	2%	46.80827401
208	2	75	3039749.17	122828.357	N/A	3	93600	0.03128077	0.03560769	40.82	48.5219433	49.754218	4%	6%	46.80827401
256	2	75	3741229.74	144428.357	N/A	3	115200	0.03119063	0.03470625	41.62	49.4472036	50.4636969	6%	8%	46.80827401
130	2	75	1899843.23	87728.3574	N/A	3	58500	0.03156923	0.03849231	40.57	48.3050184	50.291706	3%	7%	46.80827401
364	2	75	5319561.04	193028.357	N/A	3	163800	0.03107473	0.03354725	40.08	47.585813	48.270497	2%	3%	46.80827401
338	2	75	4939592.4	181328.357	N/A	3	152100	0.03109586	0.03375858	40.74	48.3752981	49.1255399	3%	5%	46.80827401
228	2	75	3332032.74	131828.357	N/A	3	102600	0.0312386	0.03518596	41.12	48.8666734	49.996853	4%	7%	46.80827401
144	2	75	2104441.73	94028.3574	N/A	3	64800	0.03149444	0.03774444	41.76	49.7004681	51.5400254	6%	10%	46.80827401
106	2	75	1549102.94	76928.3574	N/A	3	47700	0.0317434	0.04023396	41.76	49.7718717	52.3008864	6%	12%	46.80827401
302	2	75	4413481.96	165128.357	N/A	3	135900	0.03113113	0.03411136	40.71	48.3494943	49.1899494	3%	5%	46.80827401
296	2	75	4325796.89	162428.357	N/A	3	133200	0.03113784	0.03417838	41.35	49.1114928	49.982741	5%	7%	46.80827401
281	2	75	4106584.21	155678.357	N/A	3	126450	0.03115587	0.03435872	40.17	47.7149596	48.6072862	2%	4%	46.80827401
256	2	75	3741229.74	144428.357	N/A	3	115200	0.03119063	0.03470625	40.98	48.688429	49.6877054	4%	6%	46.80827401
283	2	75	4135812.57	156578.357	N/A	3	127350	0.03115336	0.03433357	40.98	48.6763933	49.5801723	4%	6%	46.80827401
52	2	75	759937.292	52628.3574	N/A	3	23400	0.03272308	0.05003077	41.62	49.8665328	55.2761426	7%	18%	46.80827401
198	2	75	2893607.38	118328.357	N/A	3	89100	0.03130505	0.03585051	40.4	48.0294162	49.3120854	3%	5%	46.80827401
73	2	75	1066835.04	62078.3574	N/A	3	32850	0.03216986	0.04449863	36.57	43.6935688	46.9765081	-7%	0%	46.80827401
386	2	75	5641072.97	202928.357	N/A	3	173700	0.03105907	0.03339067	39.19	46.5249472	47.1558044	-1%	1%	46.80827401
367	2	75	5363403.58	194378.357	N/A	3	165150	0.03107248	0.0335248	39.68	47.1102955	47.7825341	1%	2%	46.80827401
160	2	75	2338268.59	101228.357	N/A	3	72000	0.031425	0.03705	41.59	49.4783335	51.1217423	6%	9%	46.80827401
391	2	75	5714143.87	205178.357	N/A	3	175950	0.03105575	0.03335754	38.99	46.2866315	46.9061464	-1%	0%	46.80827401
355	2	75	5188033.43	188978.357	N/A	3	159750	0.03108169	0.0336169	40.26	47.8014388	48.5068656	4%	4%	46.80827401
288	2	75	3916599.89	149828.357	N/A	3	120600	0.03117313	0.03453134	41.56	49.3709457	50.3397224	5%	8%	46.80827401
214	2	75	3127434.24	125528.357	N/A	3	96300	0.03126729	0.0354729	40.76	48.4468599	49.6420598	4%	6%	46.80827401
224	2	75	3273576.03	130028.3											

159	2	75	2323654.41	100778.357	N/A	3	71550	0.03142893	0.03708931	41.29	49.1225457	50.7646691	5%	8%	46.80827401
213	2	75	3112820.06	125078.357	N/A	3	95850	0.03126948	0.03549484	41.75	49.6241896	50.8542946	6%	9%	46.80827401
395	2	75	17772600.58	206978.357	N/A	3	177750	0.03105316	0.03333115	38.72	45.965418	46.5743383	-2%	0%	46.80827401
40	2	75	584567.148	47228.3574	N/A	3	18000	0.0333	0.0558	39.91	47.9969283	54.9119591	3%	17%	46.80827401
219	2	75	3200505.13	127778.357	N/A	3	98550	0.03125662	0.03536621	39.94	47.4692998	48.6131372	1%	4%	46.80827401
263	2	75	3843529	147578.357	N/A	3	118350	0.03118023	0.03460228	39.84	47.3296161	48.2762723	1%	3%	46.80827401
91	2	75	1329890.26	70178.3574	N/A	3	40950	0.0318989	0.04178901	39.22	46.7865206	49.5740441	0%	6%	46.80827401
90	2	75	1315276.08	69728.3574	N/A	3	40500	0.03191111	0.04191111	40.2	47.9589666	50.8495942	2%	9%	46.80827401
312	2	75	4559623.75	169628.357	N/A	3	140400	0.03112051	0.03400513	40.51	48.1090225	48.9181375	3%	5%	46.80827401
164	1.5	75	2396725.3	103028.357	N/A	4	88414.1787	0.03689756	0.03893008	37.22	45.7094069	46.2579106	-1%	0%	46.25916756
106	1.5	75	1549102.94	76928.3574	N/A	4	62314.1787	0.04023396	0.04337862	35.12	44.0098934	44.8387834	-5%	-1%	46.25916756
286	1.5	75	4179655.11	157928.357	N/A	4	143314.179	0.0342965	0.035462	38.86	47.0051397	47.3250238	2%	2%	46.25916756
315	1.5	75	4603466.29	170978.357	N/A	4	156364.179	0.0339746	0.0350328	39.03	47.1226025	47.4133666	2%	2%	46.25916756
73	1.5	75	1066835.04	62078.3574	N/A	4	47464.1787	0.04449863	0.04906484	32.7	42.0052452	43.1756145	-9%	-7%	46.25916756
187	1.5	75	2732851.41	113378.357	N/A	4	98764.1787	0.03614759	0.03793012	37.69	46.0841203	46.5675543	0%	1%	46.25916756
281	1.5	75	4106584.21	155678.357	N/A	4	141064.179	0.03435872	0.03554496	38.82	46.9737329	47.299177	2%	2%	46.25916756
292	1.5	75	4267340.18	160628.357	N/A	4	146014.179	0.03422466	0.03536621	38.9	47.0338894	47.3472969	2%	2%	46.25916756
222	1.5	75	3244347.67	129128.357	N/A	4	114514.179	0.0335045	0.03680601	38.23	46.515077	46.9246301	1%	1%	46.25916756
184	1.5	75	2689008.88	112028.357	N/A	4	97414.1787	0.03623478	0.03804638	37.64	46.0464267	46.5375234	0%	1%	46.25916756
388	1.5	75	5670301.33	203828.357	N/A	4	189214.179	0.03357732	0.03423643	38.54	46.3700961	46.6018	0%	1%	46.25916756
84	1.5	75	423811.82	159728.357	N/A	4	145114.179	0.03428428	0.0352977	38.88	47.0161574	47.3345388	2%	2%	46.25916756
290	1.5	75	1227591.82	67028.3574	N/A	4	524114.1787	0.04270476	0.04667302	33.69	42.8164365	43.8450541	-7%	-5%	46.25916756
218	1.5	75	3185890.85	127328.357	N/A	4	112714.179	0.03538716	0.03691621	38.17	46.4644453	46.8812055	0%	1%	46.25916756
205	1.5	75	2995906.63	121478.357	N/A	4	106864.179	0.03567805	0.03730407	37.99	46.323822	46.7662164	0%	1%	46.25916756
262	1.5	75	3828914.82	147128.357	N/A	4	132514.179	0.03461679	0.03588906	38.66	46.8503562	47.1988652	1%	2%	46.25916756
319	1.5	75	4661923	172778.357	N/A	4	158164.179	0.0339348	0.03497973	39.05	47.1358575	47.4230081	2%	3%	46.25916756
311	1.5	75	4545009.57	169178.357	N/A	4	154564.179	0.03401543	0.03508725	39.01	47.1096202	47.4040937	2%	2%	46.25916756
278	1.5	75	4062741.68	154328.357	N/A	4	139714.179	0.03439712	0.03559616	38.8	46.9600108	47.2889242	2%	2%	46.25916756
204	1.5	75	2981292.45	121028.357	N/A	4	106414.179	0.03570196	0.03733595	37.98	46.3180875	46.7626407	0%	1%	46.25916756
226	1.5	75	3302804.38	130928.357	N/A	4	116314.179	0.03522478	0.03669971	38.28	46.5542863	46.9567935	1%	2%	46.25916756
248	1.5	75	3624316.31	140828.357	N/A	4	126214.179	0.03483226	0.03617634	38.52	46.7392371	47.1068823	1%	2%	46.25916756
340	1.5	75	4968820.75	182228.357	N/A	4	167614.179	0.03374118	0.03472157	39.1	47.1432181	47.4124547	2%	2%	46.25916756
361	1.5	75	5275185.51	191678.357	N/A	4	177064.179	0.03357008	0.03449344	39.03	47.012148	47.2648351	2%	2%	46.25916756
367	1.5	75	5363403.58	194378.357	N/A	4	179764.179	0.0335248	0.03443306	38.97	46.9275543	47.1766156	1%	2%	46.25916756
370	1.5	75	5407246.11	195728.357	N/A	4	181114.179	0.0335027	0.03443036	38.94	46.8854231	47.1312293	1%	2%	46.25916756
77	1.5	75	1125291.76	63878.3574	N/A	4	49264.1787	0.04378701	0.04811602	33.08	42.313143	43.4273538	-9%	-6%	46.25916756
176	1.5	75	2572095.45	108428.357	N/A	4	93814.1787	0.03648182	0.03837576	37.48	45.9169253	46.4294404	-1%	0%	46.25916756
285	1.5	75	4165040.93	157478.357	N/A	4	142864.179	0.03430877	0.03547836	38.85	46.9963934	47.3135668	2%	2%	46.25916756
92	1.5	75	1344504.44	70628.3574	N/A	4	56014.1787	0.04166957	0.04529275	34.29	43.3118279	44.2575839	-6%	-4%	46.25916756
211	1.5	75	3083591.7	124178.357	N/A	4	109564.179	0.03553934	0.03711912	38.08	46.3960234	46.8262539	0%	1%	46.25916756
380	1.5	75	5553387.9	200228.357	N/A	4	185614.179	0.03343158	0.03430877	38.76	46.6494598	46.8875214	1%	1%	46.25916756
205	1.5	75	2995906.63	121478.357	N/A	4	106864.179	0.03567805	0.03730407	37.99	46.323822	46.7662164	0%	1%	46.25916756
80	1.5	75	1169134.3	65228.3574	N/A	4	50614.1787	0.0433	0.04746667	33.35	42.5348036	43.610548	-8%	-6%	46.25916756
159	1.5	75	2323654.41	100778.357	N/A	4	86164.1787	0.03708931	0.03918574	37.1	45.6132047	46.1782294	-1%	0%	46.25916756
141	1.5	75	2060599.2	92678.3574	N/A	4	78064.1787	0.0378922	0.04025626	36.59	45.1983975	45.8319343	-2%	-1%	46.25916756
89	1.5	75	1300661.9	69278.3574	N/A	4	54664.1787	0.04203596	0.04578127	34.07	43.1276143	44.1026476	-7%	-5%	46.25916756
320	1.5	75	4676537.18	173228.357	N/A	4	158614.179	0.033925	0.03496667	39.05	47.1331776	47.4194028	2%	3%	46.25916756
144	1.5	75	2104441.73	94028.3574	N/A	4	79414.1787	0.03774444	0.04005926	36.69	45.2826517	45.9037523	-2%	-1%	46.25916756
158	1.5	75	2309040.23	100328.357	N/A	4	85714.1787	0.03712911	0.03923882	37.07	45.5869451	46.1553152	-1%	0%	46.25916756
153	1.5	75	2235969.34	98078.3574	N/A	4	83464.1787	0.03733595	0.0395146	36.94	45.4821471	46.0682609	-2%	0%	46.25916756
146	1.5	75	2133670.09	94928.3574	N/A	4	80314.1787	0.03764932	0.03993242	36.75	45.3314037	45.9444056	-2%	-1%	46.25916756
131	1.5	75	1914457.41	88178.3574	N/A	4	73564.1787	0.03843359	0.04097812	36.25	44.9210063	45.6002979	-3%	-1%	46.25916756
188	1.5	75	2747465.59	113828.357	N/A	4	99214.1787	0.03611915	0.0378922	37.71	46.1009164	46.5818959	0%	1%	46.25916756
232	1.5	75	3390489.46	133628.357	N/A	4	119014.179	0.03511034	0.03654713	38.35	46.6083447	47.0007068	1%	2%	46.25916756
360	1.5	75	5261104.33	191228.357	N/A	4	176614.179	0.03357778	0.0345037	39.04	47.0262912	47.2797646	2%	2%	46.25916756
299	1.5	75	4369639.43	163778.357	N/A	4	149164.179	0.03414448	0.03525931	38.94	47.0603343	47.3664727	2%	2%	46.25916756
202	1.5	75	2952064.1	120128.357	N/A	4	105514.179	0.0357505	0.03740066	37.94	46.2824065	46.731108	0%	1%	46.25916756
55	1.5	75	803779.828	53978.3574	N/A	4	39364.1787	0.04898182	0.05504242	30.48	40.2241926	41.7416668	-13%	-10%	46.25916756
222	1.5	75	3244347.67	129128.357	N/A	4	114514.179	0.0335045	0.03680601	38.23	46.515077	46.9246301	1%	1%	46.25916756
59	1.5	75	862236.543	55778.3574	N/A	4	41164.1787	0.04774915	0.05339887	31.05	40.6721759	42.0946583	-9%	-12%	46.25916756
223	1.5	75	3258961.85	129578.357	N/A	4	114964.179	0.0352843	0.03677907	38.24	46.5217691	46.9259038	1%	1%	46.25916756
174	1.5	75	2542867.09	107528.357	N/A	4	92914.1787	0.03654713	0.03846284	37.44	45.8854358	46.4036308	-1%	0%	46.25916756
81	1.5	75	1183748.47	65678.3574	N/A	4	51064.1787	0.04314568	0.04726091	33.44	42.6103979	43.6740302	-8%	-6%	46.25916756
330	1.5	75	4822678.97	177728.357	N/A	4	163114.179	0.0338303	0.0348404	39.09	47.1553372	47.4331095	2%	3%	46.25916756
182	1.5	75	2659780.52	111128.357	N/A	4	96514.1787	0.03629451	0.03812601	37.6	46.0135437	46.5098089	-1%	1%	46.25916756
157	1.5	75	2294426.05	99878.3574	N/A	4	85264.1787	0.03716943	0.03929257	37.05	45.9371076	46.145023	0%	0%	46.25916756
152	1.5	75	2221355.16	97628.3574	N/A	4	83014.1787	0.03737895	0.03957193	36.92	45.4689772	46.0588847	-2%	0%	46.25916756
91	1.5	75	1329890.26	70178.3574	N/A	4	55564.1787	0.04178901	0.04545201	34.22	43.2540487	44.2094192	-6%	-4%	46.25916756
234	1.5	75	3419717.81</												

202	1.5	75	2952064.1	120128.357	N/A	4	105514.179	0.0357505	0.03740066	37.94	46.2824065	46.731108	0%	1%	46.25916756
284	1.5	75	4150426.75	157028.357	N/A	4	142414.179	0.03432113	0.03549484	38.84	46.9876692	47.3097198	2%	2%	46.25916756
301	1.5	75	4398867.79	164678.357	N/A	4	150064.179	0.03412226	0.03522968	38.96	47.0784292	47.3826218	2%	2%	46.25916756
184	1.5	75	2689008.88	112028.357	N/A	4	97414.1787	0.03623478	0.03804638	37.64	46.0464267	46.5375234	0%	1%	46.25916756
181	1.5	75	2645166.34	110678.357	N/A	4	96064.1787	0.03632486	0.03816648	37.58	45.9972255	46.4961202	-1%	1%	46.25916756
123	1.5	75	1797543.98	84578.3574	N/A	4	69964.1787	0.03893008	0.04164011	35.94	44.6670959	45.3880187	-3%	-2%	46.25916756
114	1.5	75	1666016.37	80528.3574	N/A	4	65914.1787	0.03957193	0.04249591	35.55	44.3497658	45.1242192	-4%	-2%	46.25916756
375	1.5	75	5480317.01	197978.357	N/A	4	183364.179	0.03346667	0.03435556	38.86	46.779327	47.0212702	1%	2%	46.25916756
136	1.5	75	1987528.3	90428.3574	N/A	4	75814.1787	0.03815294	0.04060392	36.43	45.0696902	45.7253821	-3%	-1%	46.25916756
233	1.5	75	3405103.63	134078.357	N/A	4	119464.179	0.03509185	0.03652246	38.36	46.6154765	47.0061838	1%	2%	46.25916756
329	1.5	75	4808064.79	177278.357	N/A	4	162664.179	0.03383951	0.03485268	39.08	47.1459935	47.4243639	2%	3%	46.25916756
277	1.5	75	4048127.5	153878.357	N/A	4	139264.179	0.03441011	0.03561348	38.79	46.9514508	47.2815097	1%	2%	46.25916756
270	1.5	75	3945828.25	150728.357	N/A	4	136114.179	0.0345037	0.03573827	38.73	46.9043361	47.2427464	1%	2%	46.25916756
383	1.5	75	5597230.44	201578.357	N/A	4	186964.179	0.03341097	0.03428129	38.69	46.559649	46.7953707	1%	1%	46.25916756
346	1.5	75	5056505.83	184928.357	N/A	4	170314.179	0.03369017	0.03465356	39.1	47.1292734	47.393706	2%	2%	46.25916756
216	1.5	75	3156662.6	126428.357	N/A	4	111814.179	0.03542963	0.03697284	38.15	46.4515958	46.8721745	0%	1%	46.25916756
234	1.5	75	3419717.81	134528.357	N/A	4	119914.179	0.0350735	0.03649801	38.37	46.6226495	47.0117166	1%	2%	46.25916756
165	1.5	75	2411339.48	103478.357	N/A	4	88864.1787	0.03686061	0.03888081	37.24	45.7240798	46.269348	-1%	0%	46.25916756
118	1.5	75	1724473.09	82328.3574	N/A	4	67714.1787	0.03927458	0.04209944	35.73	44.4962728	45.2459822	-4%	-2%	46.25916756
85	1.5	75	1242205.19	67478.3574	N/A	4	52864.1787	0.04256471	0.04468627	33.77	42.8823729	43.8998913	-7%	-5%	46.25916756
63	1.5	75	920693.257	57578.3574	N/A	4	42984.1787	0.04673002	0.05194602	31.58	41.0990445	42.4387563	-11%	-8%	46.25916756
158	1.5	75	235291.76	100328.357	N/A	4	85714.1787	0.03712811	0.03923882	37.07	45.5894451	46.1553152	-1%	0%	46.25916756
77	1.5	75	1125291.76	63878.3574	N/A	4	46284.1787	0.04378701	0.04811602	33.08	42.313143	43.4273538	-6%	-6%	46.25916756
106	1.5	75	1549102.94	76828.3574	N/A	4	62314.1787	0.04023396	0.04337862	35.14	44.0098934	44.8387834	-5%	-3%	46.25916756
67	2	75	979149.972	59378.3574	N/A	4	30150	0.03229254	0.04572537	40.99	49.0092698	53.0425957	6%	15%	46.25916756
131	2	75	1914457.41	88178.3574	N/A	4	59850	0.03156336	0.03843359	40.96	48.7677241	50.7576392	5%	10%	46.25916756
342	2	75	4998049.11	183128.357	N/A	4	153900	0.0310924	0.03372398	39.96	47.4481687	48.175321	3%	4%	46.25916756
351	2	75	5129576.72	187178.357	N/A	4	157950	0.0310849	0.033649	39.92	47.3986267	48.1061744	2%	4%	46.25916756
375	2	75	5480317.01	197978.357	N/A	4	168750	0.03106667	0.03346667	39.22	46.5625995	47.2126919	1%	2%	46.25916756
254	2	75	3712001.39	143528.357	N/A	4	114300	0.0311937	0.03473701	39.42	46.8342936	47.8047779	1%	3%	46.25916756
176	2	75	2572095.45	108428.357	N/A	4	79200	0.03136818	0.03648182	39.99	47.5592869	48.9919381	3%	6%	46.25916756
326	2	75	4764222.25	175928.357	N/A	4	146700	0.03110675	0.03386748	39.58	47.0008438	47.7569425	2%	3%	46.25916756
218	2	75	3185890.95	127328.357	N/A	4	98100	0.03125872	0.03538716	39.9	47.4223314	48.570379	3%	5%	46.25916756
212	2	75	3098205.88	124628.357	N/A	4	95400	0.03127117	0.03551698	40.75	48.4362042	49.6426358	5%	7%	46.25916756
224	2	75	3273576.03	130028.357	N/A	4	100800	0.03124643	0.03526429	40.96	48.678727	49.8250378	5%	8%	46.25916756
87	2	75	1271433.55	68378.3574	N/A	4	39150	0.03194943	0.04229425	40.47	48.2917571	51.3077288	4%	11%	46.25916756
175	2	75	2557481.27	107978.357	N/A	4	78750	0.03137143	0.03651429	40.89	48.6305484	50.1040407	5%	8%	46.25916756
373	2	75	5451088.65	197078.357	N/A	4	167850	0.0310681	0.03348097	39.12	46.4442603	47.096216	0%	2%	46.25916756
335	2	75	4895749.86	179978.357	N/A	4	150750	0.03109851	0.03378507	39.95	47.4379638	48.1803386	3%	4%	46.25916756
295	2	75	4311182.71	161978.357	N/A	4	132750	0.03113898	0.03418983	40.39	47.9716149	48.8255669	4%	6%	46.25916756
65	2	75	949921.615	58478.3574	N/A	4	29250	0.03233846	0.04618462	35.8	42.8152593	46.4544551	-7%	0%	46.25916756
340	2	75	4968820.75	182228.357	N/A	4	153000	0.03109412	0.03374118	39.84	47.3061502	48.0354426	2%	4%	46.25916756
199	2	75	2908221.56	118778.357	N/A	4	89550	0.03130251	0.03582513	38.52	45.7937143	47.0104027	-1%	2%	46.25916756
255	2	75	3726615.57	143978.357	N/A	4	114750	0.03119216	0.03472157	40.76	48.4258962	49.4253619	5%	7%	46.25916756
110	2	75	1607559.66	78728.3574	N/A	4	49500	0.03170909	0.03989091	40.45	48.201002	50.5577131	4%	9%	46.25916756
319	2	75	4651923	172778.357	N/A	4	143550	0.03111348	0.0339348	40.14	47.6676858	48.4515575	3%	5%	46.25916756
42	2	75	613795.505	48128.3574	N/A	4	18900	0.03318095	0.05460952	34.17	41.0655082	46.6704089	-11%	1%	46.25916756
297	2	75	4340411.07	162878.357	N/A	4	133650	0.0311367	0.034167	40.46	48.0541229	48.9037027	4%	6%	46.25916756
272	2	75	3975056.6	151628.357	N/A	4	122400	0.03116765	0.03447647	40.78	48.4428185	49.3791907	5%	7%	46.25916756
140	2	75	2045985.02	92228.3574	N/A	4	63000	0.03151429	0.03794286	41.03	48.8372479	50.6980509	6%	10%	46.25916756
348	2	75	5085734.18	185828.357	N/A	4	156600	0.03108736	0.03367356	39.74	47.1855727	47.8960845	2%	4%	46.25916756
247	2	75	3609702.14	140378.357	N/A	4	111150	0.03120486	0.03484858	40.8	48.4769657	49.5104366	5%	7%	46.25916756
276	2	75	4033513.32	153428.357	N/A	4	124200	0.03116232	0.03442319	40.64	48.2750301	49.194432	4%	6%	46.25916756
53	2	75	774551.471	53078.3574	N/A	4	23850	0.03268679	0.04966792	40.05	47.9946267	53.0739454	4%	15%	46.25916756
196	2	75	2864379.02	117428.357	N/A	4	88200	0.0313102	0.03590204	40.36	47.9832871	49.2780787	4%	7%	46.25916756
277	2	75	4048127.5	153878.357	N/A	4	124650	0.03116101	0.03441101	40.81	48.4766028	49.3964607	5%	7%	46.25916756
317	2	75	4632694.64	171878.357	N/A	4	142650	0.03111546	0.03395457	40.4	47.9769915	48.7709924	4%	5%	46.25916756
160	2	75	2338268.59	101228.357	N/A	4	72000	0.031425	0.03705	39.64	47.1584789	48.7248344	2%	5%	46.25916756
323	2	75	4720379.72	174578.357	N/A	4	145350	0.0311096	0.03389598	40.21	47.7497458	48.525118	3%	5%	46.25916756
175	2	75	2557481.27	107978.357	N/A	4	78750	0.03137143	0.03651429	40.6	48.2856509	49.7486929	4%	8%	46.25916756
192	2	75	2805922.31	115628.357	N/A	4	86400	0.03132083	0.03600833	41.03	48.7828258	50.127213	5%	8%	46.25916756
370	2	75	5407246.11	195728.357	N/A	4	166500	0.03107027	0.0335027	39.42	46.8010137	47.4633636	1%	3%	46.25916756
337	2	75	4924978.22	180878.357	N/A	4	151650	0.03109674	0.03376736	39.31	46.6775302	47.4036163	1%	2%	46.25916756
67	2	75	979149.972	59378.3574	N/A	4	30150	0.03229254	0.04572537	40.25	48.1244965	52.085008	4%	13%	46.25916756
198	2	75	2893607.38	118328.357	N/A	4	89100	0.03130505	0.03585051	41.02	48.7665013	50.068855	5%	8%	46.25916756
110	2	75	1607559.66	78728.3574	N/A	4	49500	0.03170909	0.03989091	41.07	48.939806	51.3326397	6%	11%	46.25916756
304	2	75	4442710.32	166028.357	N/A	4	136800	0.03112895	0.03408947	40.31	47.8738311	48.7004681	3%	5%	46.25916756
104	2	75	1519874.58	76028.3574	N/A	4	46800	0.03176154	0.04041538	39.69	47.3096828	49.7617001	2%	8%	46.25916756
233	2	75	3405103.63	134078.357	N/A	4	104850	0.03122918	0.03509185	39.95	47.4736809	48.5476613	3%	5%	46.25916756
396	2	75	5787214.76	207428.357	N/A	4									

356	2	75	5202647.61	189428.357	N/A	4	160200	0.0310809	0.03360899	39.82	47.2788033	47.9745347	2%	4%	46.25916756
155	2	75	2265197.7	98978.3574	N/A	4	69750	0.03144516	0.03725161	40.2	47.8302515	49.4715531	3%	7%	46.25916756
258	2	75	3770458.1	145328.357	N/A	4	116100	0.0311876	0.03467597	40.88	48.5671895	49.5577279	5%	7%	46.25916756
354	2	75	5173419.26	188528.357	N/A	4	159300	0.03108249	0.03362486	39.78	47.2317424	47.930754	2%	4%	46.25916756
171	2	75	2499024.56	106178.357	N/A	4	76950	0.0313848	0.03664795	41.05	48.8245976	50.3394214	6%	9%	46.25916756
376	2	75	5494931.19	198428.357	N/A	4	169200	0.03106596	0.03345957	39.21	46.5505372	47.1987137	1%	2%	46.25916756
79	2	75	1154520.12	64778.3574	N/A	4	35550	0.03206582	0.04345823	41.07	49.0406632	52.4303623	6%	13%	46.25916756
204	2	75	2981292.45	121028.357	N/A	4	91800	0.0312902	0.03570196	40.63	48.2987171	49.54988656	4%	7%	46.25916756
106	2	75	1549102.94	76928.3574	N/A	4	47700	0.0317434	0.04023396	41.07	48.9494917	51.4367195	6%	11%	46.25916756
78	2	75	1139905.94	64328.3574	N/A	4	35100	0.03208205	0.04362051	40.75	48.6631189	52.0722118	5%	13%	46.25916756
312	2	75	4559623.75	169628.357	N/A	4	140400	0.03112051	0.03400513	40.5	48.0971467	48.9060619	4%	6%	46.25916756
233	2	75	3405103.63	134078.357	N/A	4	104850	0.03122918	0.03509185	39.47	46.9032837	47.9643602	1%	4%	46.25916756
286	2	75	4179655.11	157928.357	N/A	4	128700	0.03114965	0.0342965	39.91	47.404262	48.275222	2%	4%	46.25916756
198	2	75	2893607.38	118328.357	N/A	4	89100	0.03130505	0.03585051	40.78	48.481178	49.7759119	5%	8%	46.25916756
310	2	75	4530395.39	168728.357	N/A	4	139500	0.03112258	0.03402581	40.55	48.1570993	48.9723181	4%	6%	46.25916756
357	2	75	5217261.79	189878.357	N/A	4	160650	0.03108011	0.03360112	39.6	47.0173814	47.7073053	2%	3%	46.25916756
217	2	75	3171276.78	126878.357	N/A	4	97650	0.03126083	0.03540829	39.44	46.8761787	48.0163345	1%	4%	46.25916756
86	2	75	1256819.37	67928.3574	N/A	4	38700	0.03196279	0.04242791	40.91	48.8205635	51.90677319	6%	12%	46.25916756
126	2	75	1841386.51	85928.3574	N/A	4	56700	0.03159365	0.03873651	41.06	48.8953256	50.9722659	6%	10%	46.25916756
337	2	75	4924972.22	180878.357	N/A	4	151650	0.03109674	0.03376736	40.06	47.5680992	48.3080353	3%	4%	46.25916756
323	2	75	4720379.72	174578.357	N/A	4	145550	0.0311096	0.03389598	40.09	47.6073447	48.3803029	3%	5%	46.25916756
101	2	75	1476032.05	74678.3574	N/A	4	45450	0.0317901	0.04070099	41.07	48.9626821	51.5789142	6%	11%	46.25916756
79	2	75	1154520.12	64778.3574	N/A	4	35550	0.03206582	0.04345823	40.63	48.5032904	51.8558879	5%	12%	46.25916756
235	2	75	3434331.99	134978.357	N/A	4	105750	0.03122553	0.03505532	40.22	47.8054067	48.8775245	4%	6%	46.25916756
272	2	75	3975056.6	151628.357	N/A	4	122400	0.03116765	0.03447647	40.04	47.5637678	48.4831485	3%	5%	46.25916756
319	2	75	4681923	172778.357	N/A	4	143550	0.0311348	0.0339348	39.22	46.5751529	47.3410584	1%	2%	46.25916756
334	2	75	4881135.68	179528.357	N/A	4	150300	0.0310994	0.03379401	39.74	47.1888456	47.9295604	2%	4%	46.25916756
102	2	75	1490646.23	75128.3574	N/A	4	45900	0.03178039	0.04060392	38.1	45.4193747	47.8214949	-2%	3%	46.25916756
293	2	75	4281954.36	161078.357	N/A	4	131850	0.0311413	0.03421297	40.66	48.2929402	49.1585634	4%	6%	46.25916756
293	2	75	4281954.36	161078.357	N/A	4	131850	0.0311413	0.03421297	40.66	48.1741676	49.0376618	4%	6%	46.25916756
370	2	75	5407246.11	195728.357	N/A	4	166500	0.03107027	0.03352027	39.43	46.8128861	47.475404	1%	3%	46.25916756
63	2	75	920693.257	57578.3574	N/A	4	28350	0.0323873	0.04667302	41.02	49.0720022	53.3845093	6%	15%	46.25916756
368	2	75	5378017.76	194828.357	N/A	4	165600	0.03107174	0.03351739	39.45	46.8370271	47.5035297	1%	3%	46.25916756
297	2	75	4340411.07	162878.357	N/A	4	133650	0.0311367	0.034167	40.63	48.256031	49.1091804	4%	6%	46.25916756
373	2	75	5451088.65	197078.357	N/A	4	167850	0.0310681	0.03348097	39.3	46.6579609	47.3129163	1%	2%	46.25916756
202	2	75	2952064.1	120128.357	N/A	4	90900	0.03129505	0.0357505	40.96	48.6923646	49.9664567	5%	8%	46.25916756
306	2	75	4471938.68	166928.357	N/A	4	137700	0.0311268	0.03406797	40.52	48.12264	48.9480866	4%	6%	46.25916756
362	2	75	5290332.69	192128.357	N/A	4	162900	0.03107624	0.03356243	39.65	47.075698	47.7568273	2%	3%	46.25916756
197	2	75	2878993.2	117878.357	N/A	4	88650	0.03130761	0.03587614	41.02	48.6483352	49.9542678	5%	8%	46.25916756
83	1.5	75	1212976.83	66578.3574	N/A	5	51964.1787	0.04284819	0.04686426	31.96	40.270873	41.250607	-14%	-12%	46.93029766
66	1.5	75	964535.793	58928.3574	N/A	5	44314.1787	0.04595152	0.05100202	28.88	37.4225621	38.5832606	-20%	-18%	46.93029766
383	1.5	75	5597230.44	201578.357	N/A	5	186964.179	0.03341097	0.03428129	39.61	47.6667794	47.9081063	2%	2%	46.93029766
123	1.5	75	1797543.98	84578.3574	N/A	5	69964.1787	0.03893008	0.04164011	35.41	44.0083991	44.7186907	-6%	-5%	46.93029766
76	1.5	75	1110677.58	63428.3574	N/A	5	48814.1787	0.04395789	0.04834386	30.64	39.2320935	40.279552	-16%	-14%	46.93029766
92	1.5	75	1344504.44	70628.3574	N/A	5	56014.1787	0.04166957	0.04529275	32.77	41.3919102	42.2957429	-12%	-10%	46.93029766
354	1.5	75	5173419.26	188528.357	N/A	5	173914.179	0.03362486	0.03456648	40.33	48.5934466	48.8598594	4%	4%	46.93029766
186	1.5	75	2718237.24	112928.357	N/A	5	98314.1787	0.03617634	0.03796846	38.09	46.5810266	47.0723607	-1%	0%	46.93029766
116	1.5	75	1695244.73	81428.3574	N/A	5	66814.1787	0.03942069	0.04229425	34.94	43.549927	44.2968135	-7%	-6%	46.93029766
111	1.5	75	1622173.83	79178.3574	N/A	5	64564.1787	0.03980901	0.04281201	34.56	43.1750396	43.9501501	-8%	-6%	46.93029766
351	1.5	75	5129576.72	187178.357	N/A	5	172564.179	0.033649	0.03459867	40.35	48.6243522	48.8932402	4%	4%	46.93029766
242	1.5	75	3536631.24	138128.357	N/A	5	123514.179	0.03493223	0.03630964	39.3	47.134202	48.0981965	2%	2%	46.93029766
202	1.5	75	2952064.1	120128.357	N/A	5	105514.179	0.0357505	0.03740066	38.5	46.9655416	47.4208661	0%	1%	46.93029766
373	1.5	75	5451088.65	197078.357	N/A	5	182464.179	0.03348097	0.03437462	40	48.15564	48.406052	3%	3%	46.93029766
393	1.5	75	5743372.22	206078.357	N/A	5	191464.179	0.03334453	0.03419271	39.02	46.9386972	47.1702262	0%	1%	46.93029766
131	1.5	75	1914457.41	88178.3574	N/A	5	73564.1787	0.03843359	0.04097812	35.9	44.4872863	45.1600191	-5%	-4%	46.93029766
316	1.5	75	4618080.47	171428.357	N/A	5	156814.179	0.03396456	0.03501941	40.22	48.5565093	48.8551603	3%	4%	46.93029766
373	1.5	75	5451088.65	197078.357	N/A	5	182464.179	0.03348097	0.03437462	40	48.15564	48.406052	3%	3%	46.93029766
335	1.5	75	4895749.86	179978.357	N/A	5	165364.179	0.03378507	0.0347801	40.35	48.662745	48.9448599	4%	4%	46.93029766
92	1.5	75	1344504.44	70628.3574	N/A	5	56014.1787	0.04166957	0.04529275	32.77	41.3919102	42.2957429	-12%	-10%	46.93029766
196	1.5	75	2864379.02	117428.357	N/A	5	102814.179	0.03590204	0.03760272	38.66	46.8361521	47.3044243	0%	1%	46.93029766
395	1.5	75	5772600.58	206978.357	N/A	5	192364.179	0.03333165	0.03417553	38.88	46.7667943	46.9962949	0%	0%	46.93029766
153	1.5	75	2239969.34	98078.3574	N/A	5	83464.1787	0.03733595	0.03951446	36.96	45.506772	46.0932031	-3%	-2%	46.93029766
120	1.5	75	1753701.44	83228.3574	N/A	5	68614.1787	0.03913333	0.04191111	35.22	43.8246712	44.5503161	-7%	-5%	46.93029766
350	1.5	75	5114962.54	186728.357	N/A	5	172114.179	0.03365714	0.03460952	40.35	48.6266476	48.8963259	4%	4%	46.93029766
217	1.5	75	3171276.78	126878.357	N/A	5	112264.179	0.03540829	0.03694439	38.84	47.2858629	47.7119835	1%	2%	46.93029766
116	1.5	75	1695244.73	81428.3574	N/A	5	66814.1787	0.03942069	0.04229425	34.94	43.549927	44.2968135	-7%	-6%	46.93029766
227	1.5	75	3317418.56	131378.357	N/A	5	116764.179	0.03520529	0.03667372	39.03	47.4610112	47.8695164	1%	2%	46.93029766
173	1.5	75	2528252.91	107078.357	N/A	5	92464.1787	0.03658035	0.03850713	37.7	46.2130595	46.7380457	-2%	0%	46.93029766
324	1.5	75	4734993.9	175028.357	N/A	5	160414.179	0.03398642	0.03491523	40.29	48.6189653	48.9105206	4%	4%	46.93029766
93	1.5	75	13591												

343	1.5	75	5012663.29	183578.357	N/A	5	168964.179	0.03371545	0.03468727	40.37	48.6672058	48.9426851	4%		46.93029766
215	1.5	75	3142048.42	125978.357	N/A	5	111364.179	0.03545116	0.03700155	38.79	47.2367903	47.6665068	1%	2%	46.93029766
179	1.5	75	2615937.99	109778.357	N/A	5	95164.1787	0.03638659	0.03824879	37.89	46.393391	46.9023387	-1%	0%	46.93029766
115	1.5	75	1680630.55	80978.3574	N/A	5	66364.1787	0.03949565	0.0423942	34.87	43.4818858	44.2343335	-7%	-6%	46.93029766
72	1.5	75	1052220.87	61628.3574	N/A	5	47014.1787	0.04468889	0.04931852	29.98	38.5550775	39.6451502	-16%	-16%	46.93029766
133	1.5	75	1943685.77	89078.3574	N/A	5	74464.1787	0.0383188	0.04082506	36.01	44.5935075	45.2573784	-5%	-4%	46.93029766
385	1.5	75	5626458.8	202478.357	N/A	5	187864.179	0.0333974	0.0342632	39.51	47.5427019	47.7821365	1%	2%	46.93029766
87	1.5	75	1271433.55	68378.3574	N/A	5	53764.1787	0.04229425	0.04612567	32.18	40.7976949	41.7423211	-13%	-11%	46.93029766
294	1.5	75	4296568.53	161528.357	N/A	5	146914.179	0.03420136	0.03533515	40.01	48.3694419	48.6895246	3%	4%	46.93029766
47	1.5	75	686866.398	50378.3574	N/A	5	35764.1787	0.0520766	0.05916879	24.29	32.6645564	34.1268754	-30%	-27%	46.93029766
63	1.5	75	920693.257	57578.3574	N/A	5	42964.1787	0.04667302	0.05196402	28.28	36.8043375	38.0040541	-22%	-19%	46.93029766
383	1.5	75	5597230.44	201578.357	N/A	5	168964.179	0.03341097	0.03428129	39.61	47.6667794	47.9081063	2%	2%	46.93029766
309	1.5	75	4515781.21	168278.357	N/A	5	153664.179	0.03403625	0.03511499	40.16	48.5042539	48.8094342	3%	4%	46.93029766
190	1.5	75	2776693.95	114728.357	N/A	5	100114.179	0.03606316	0.03781754	38.2	46.6848822	47.1665103	-1%	1%	46.93029766
192	1.5	75	2805922.31	115628.357	N/A	5	101014.179	0.03600833	0.03774444	38.25	46.7308286	47.2079974	0%	1%	46.93029766
338	1.5	75	4939592.4	181328.357	N/A	5	166714.179	0.03375858	0.03474477	40.36	48.6673243	48.9469303	4%	4%	46.93029766
357	1.5	75	5217261.79	189878.357	N/A	5	175264.179	0.03360112	0.03453483	40.31	48.5626635	48.8266437	3%	4%	46.93029766
277	1.5	75	4048127.5	153878.357	N/A	5	139264.179	0.03441011	0.03561348	39.81	48.1860598	48.5247976	3%	3%	46.93029766
204	1.5	75	2981292.45	121028.357	N/A	5	106414.179	0.03570196	0.03733595	38.55	47.0132247	47.4644497	0%	1%	46.93029766
265	1.5	75	3872757.35	148478.357	N/A	5	130864.179	0.03457358	0.03583145	39.65	48.0382031	48.3912587	2%	3%	46.93029766
215	1.5	75	3142048.42	125978.357	N/A	5	111364.179	0.03545116	0.03700155	38.79	47.2367903	47.6665068	1%	2%	46.93029766
385	1.5	75	5626458.8	202478.357	N/A	5	187864.179	0.0333974	0.0342632	39.51	47.5427019	47.7821365	1%	2%	46.93029766
378	1.5	75	5524159.54	199328.357	N/A	5	184714.179	0.0334455	0.03432734	39.83	47.9411232	48.1870853	2%	3%	46.93029766
89	1.5	75	1300661.9	69278.3574	N/A	5	54684.1787	0.04203596	0.04578127	32.42	41.0389567	41.9867695	-13%	-11%	46.93029766
94	1.5	75	1373732.8	71528.3574	N/A	5	56914.1787	0.0414383	0.0449844	32.99	41.6126924	42.5011182	-11%	-9%	46.93029766
165	1.5	75	2411339.48	103478.357	N/A	5	88864.1787	0.03686061	0.03888081	37.42	45.9450877	46.4929915	-2%	-1%	46.93029766
115	1.5	75	1680630.55	80978.3574	N/A	5	66364.1787	0.03949565	0.0423942	34.87	43.4818858	44.2343335	-7%	-6%	46.93029766
284	1.5	75	4150426.75	157028.357	N/A	5	142414.179	0.03432113	0.03549484	39.89	48.2579332	48.5886901	3%	4%	46.93029766
111	1.5	75	1622173.83	79178.3574	N/A	5	64564.1787	0.03980901	0.04281201	35.86	43.1750396	43.9501501	-8%	-6%	46.93029766
378	1.5	75	5524159.54	199328.357	N/A	5	184714.179	0.0334455	0.03432734	39.83	47.9411232	48.1870853	2%	3%	46.93029766
105	1.5	75	1534488.76	76478.3574	N/A	5	61864.1787	0.04032381	0.04349841	34.06	42.6799333	43.4917462	-9%	-7%	46.93029766
211	1.5	75	3083591.7	124178.357	N/A	5	109564.179	0.03553934	0.03711912	38.71	47.1636046	47.6009529	0%	1%	46.93029766
343	1.5	75	5012663.29	183578.357	N/A	5	168964.179	0.03371545	0.03468727	40.37	48.6672058	48.9426851	4%	4%	46.93029766
321	1.5	75	4691151.36	173678.357	N/A	5	159064.179	0.03391526	0.03495369	40.27	48.6029661	48.8971852	4%	4%	46.93029766
349	1.5	75	5100348.36	186278.357	N/A	5	171664.179	0.03366533	0.03462044	40.36	48.6410082	48.9115484	4%	4%	46.93029766
181	1.5	75	2645166.34	110678.357	N/A	5	96064.1787	0.03632486	0.03816648	37.95	46.4500987	46.9539053	-1%	0%	46.93029766
266	1.5	75	3887371.53	148928.357	N/A	5	134314.179	0.0345594	0.03581253	39.66	48.0461756	48.3981198	2%	3%	46.93029766
140	1.5	75	2045985.02	92228.3574	N/A	5	77614.1787	0.03794286	0.04032381	36.37	44.9399978	45.57455	-4%	-3%	46.93029766
342	1.5	75	4998049.11	183128.357	N/A	5	168514.179	0.03372398	0.03469864	40.37	48.6696123	48.9459207	4%	4%	46.93029766
358	1.5	75	5231875.97	190328.357	N/A	5	175714.179	0.0335933	0.03452439	40.3	48.5484136	48.8115704	3%	4%	46.93029766
74	1.5	75	1081449.22	62528.3574	N/A	5	47914.1787	0.04431351	0.04881802	30.32	38.9049088	39.733754	-17%	-15%	46.93029766
349	1.5	75	5100348.36	186278.357	N/A	5	171664.179	0.03366533	0.03462044	40.36	48.6410082	48.9115484	4%	4%	46.93029766
292	1.5	75	4267340.18	160628.357	N/A	5	146014.179	0.03422466	0.03536621	39.98	48.3397147	48.6618234	3%	4%	46.93029766
343	1.5	75	5012663.29	183578.357	N/A	5	168964.179	0.03371545	0.03468727	40.37	48.6672058	48.9426851	4%	4%	46.93029766
179	1.5	75	2615937.99	109778.357	N/A	5	95164.1787	0.03638659	0.03824879	37.89	46.393391	46.9023387	-1%	0%	46.93029766
391	1.5	75	5714143.87	205178.357	N/A	5	190564.179	0.03335754	0.03421006	39.16	47.1106616	47.3442402	0%	1%	46.93029766
390	1.5	75	5699529.69	204728.357	N/A	5	190114.179	0.0333641	0.0342188	39.23	47.1966671	47.4312787	1%	1%	46.93029766
293	1.5	75	4281954.36	161078.357	N/A	5	146464.179	0.03421297	0.03535063	40.4	48.3606132	48.6817455	3%	4%	46.93029766
318	1.5	75	4647308.82	172328.357	N/A	5	157714.179	0.03394465	0.03499287	40.24	48.575043	48.871904	4%	4%	46.93029766
188	1.5	75	2747465.59	113828.357	N/A	5	99214.1787	0.03611915	0.0378922	38.15	46.6388215	47.1254131	-1%	0%	46.93029766
383	1.5	75	5597230.44	201578.357	N/A	5	168964.179	0.03341097	0.03428129	39.61	47.6667794	47.9081063	2%	2%	46.93029766
202	1.5	75	2952064.1	120128.357	N/A	5	105514.179	0.0357505	0.03740066	38.5	46.9655416	47.4208661	0%	1%	46.93029766
182	1.5	75	2659780.52	111128.357	N/A	5	96514.1787	0.03629451	0.03812601	37.97	46.4663366	46.9674852	-1%	0%	46.93029766
142	1.5	75	2075213.37	93128.3574	N/A	5	78514.1787	0.03784225	0.04018967	36.47	45.0369643	45.6636585	-4%	-3%	46.93029766
62	2	75	906079.079	57128.3574	N/A	5	27900	0.0324129	0.04692903	35.78	42.8097524	46.6368415	-9%	-1%	46.93029766
384	2	75	5611844.62	202028.357	N/A	5	172800	0.03106042	0.03340417	39.65	47.0714082	47.7130354	0%	2%	46.93029766
204	2	75	2981292.45	121028.357	N/A	5	91800	0.0312902	0.03570196	43.26	51.425117	52.752529	10%	12%	46.93029766
241	2	75	3522017.06	137678.357	N/A	5	108450	0.03121494	0.03494938	43.26	51.402826	52.5264264	10%	12%	46.93029766
72	2	75	1052220.87	61628.3574	N/A	5	32400	0.03218889	0.04468889	43.31	51.7521582	55.697812	10%	19%	46.93029766
328	2	75	4793450.61	176828.357	N/A	5	147600	0.03110488	0.03384878	42.2	50.1115272	50.9126895	7%	8%	46.93029766
260	2	75	3799686.46	146228.357	N/A	5	117000	0.03118462	0.03464615	42.73	50.7641969	51.7914522	8%	10%	46.93029766
193	2	75	2820536.49	116078.357	N/A	5	86850	0.03131813	0.03598135	43	51.1242723	52.5257286	9%	12%	46.93029766
262	2	75	3828914.82	147128.357	N/A	5	117900	0.03118168	0.03461679	42.84	50.8940186	51.9159147	8%	11%	46.93029766
352	2	75	5144190.9	187628.357	N/A	5	158400	0.03108409	0.03364091	41.31	49.0488012	49.7788775	5%	6%	46.93029766
345	2	75	5041891.65	184478.357	N/A	5	155250	0.03108986	0.03369855	41.58	49.3710202	50.1209823	5%	7%	46.93029766
183	2	75	2674394.7	111578.357	N/A	5	82350	0.03134645	0.03626448	40.75	48.4570701	49.8596555	6%	6%	46.93029766
79	2	75	1154520.12	64778.3574	N/A	5	35550	0.03206582	0.04345823	43	51.3452281	54.8942191	9%	17%	46.93029766
106	2	75	1549102.94	76928.3574	N/A	5	47700	0.0317434	0.04023396	43.28	51.5834916	54.2045585	10%	16%	46.93029766
253	2	75	3697387.												

283	2	75	4135812.57	156578.357	N/A	5	127350	0.03115336	0.03433357	42.61	50.6125212	51.5522484	8%	10%	46.93029766
128	2	75	1870614.87	86828.3574	N/A	5	57600	0.03158125	0.0386125	41.73	49.688626	51.7662418	6%	10%	46.93029766
299	2	75	4369639.43	163778.357	N/A	5	134560	0.03113445	0.03414448	42	49.8825255	50.75845	6%	8%	46.93029766
193	2	75	2820536.49	116078.357	N/A	5	86850	0.03131813	0.03598135	43.3	51.4809533	52.8921871	10%	13%	46.93029766
237	2	75	3463560.35	135878.357	N/A	5	106650	0.03122194	0.03501941	42.76	50.8107607	51.9404937	8%	11%	46.93029766
94	2	75	1373732.8	71528.3574	N/A	5	42300	0.03186383	0.0414383	43.17	51.4881526	54.4534687	10%	16%	46.93029766
286	2	75	4179655.11	157928.357	N/A	5	128700	0.03114965	0.0342965	41.58	49.3880241	50.2952576	5%	7%	46.93029766
230	2	75	3361261.1	132728.357	N/A	5	103500	0.03123478	0.03514783	43.15	51.2779823	52.453431	9%	12%	46.93029766
318	2	75	4647308.82	172328.357	N/A	5	143100	0.03111447	0.03394465	42.14	50.0430414	50.8685963	7%	8%	46.93029766
271	2	75	3960442.42	151178.357	N/A	5	121950	0.0311169	0.03449004	42.81	50.8546656	51.8413404	8%	10%	46.93029766
346	2	75	5056505.83	184928.357	N/A	5	155700	0.03108902	0.03369017	41	48.6821083	49.4194427	4%	5%	46.93029766
116	2	75	1695244.73	81428.3574	N/A	5	52200	0.03166207	0.03942069	36.63	43.6371795	45.6563774	-7%	-3%	46.93029766
160	2	75	2338268.59	101228.357	N/A	5	72000	0.031425	0.03705	43.31	51.5245642	53.2359379	10%	13%	46.93029766
65	2	75	949921.615	58478.3574	N/A	5	29250	0.03233846	0.04618462	43.3	51.7849365	56.1865337	10%	20%	46.93029766
229	2	75	3346646.92	132278.357	N/A	5	103050	0.03123668	0.03516681	40.4	48.0105015	49.1159428	2%	5%	46.93029766
276	2	75	4033513.32	153428.357	N/A	5	124200	0.03116232	0.03442319	42.34	50.2944088	51.2522699	7%	9%	46.93029766
390	2	75	5699529.69	204728.357	N/A	5	175500	0.03105641	0.0333641	39.28	46.6310785	47.2568209	-1%	1%	46.93029766
183	2	75	2674394.7	111578.357	N/A	5	82350	0.03134645	0.03626448	43.19	51.3585486	52.8451171	9%	13%	46.93029766
62	2	75	906079.079	57128.3574	N/A	5	27900	0.0324129	0.04692903	43.29	51.7952538	56.4256252	10%	20%	46.93029766
345	2	75	5041891.65	184478.357	N/A	5	155250	0.03108986	0.03369855	40.74	48.3736259	49.1084372	3%	5%	46.93029766
211	2	75	3085591.7	124178.357	N/A	5	94950	0.03127393	0.03553934	42.24	50.2073924	51.4644965	7%	10%	46.93029766
299	2	75	4369639.43	163778.357	N/A	5	134560	0.03113445	0.03414448	41.46	49.2411788	50.1058413	5%	7%	46.93029766
111	2	75	1622173.83	79178.3574	N/A	5	49560	0.0317009	0.03980901	42.92	51.1418857	53.6190018	9%	14%	46.93029766
390	2	75	5699529.69	204728.357	N/A	5	175500	0.03105641	0.0333641	39.32	46.6785643	47.3049439	-1%	1%	46.93029766
116	2	75	1695244.73	81428.3574	N/A	5	52200	0.03166207	0.03942069	43.31	51.5950381	53.9824653	10%	15%	46.93029766
158	2	75	2309040.23	100328.357	N/A	5	71100	0.03143291	0.03712911	43.3	51.5150165	53.2483065	10%	13%	46.93029766
127	2	75	1856000.69	86378.3574	N/A	5	57150	0.0315874	0.03867402	43.3	51.5609184	53.7332685	10%	14%	46.93029766
365	2	75	5334175.22	193478.357	N/A	5	164250	0.03107397	0.03353973	40.67	48.2860935	48.9789284	3%	4%	46.93029766
378	2	75	5524159.54	199328.357	N/A	5	170100	0.03106455	0.0334455	39.96	47.440561	48.0975969	1%	2%	46.93029766
112	2	75	1636788.01	79628.3574	N/A	5	50400	0.03169286	0.03972857	41.37	49.292676	51.6581017	5%	10%	46.93029766
353	2	75	5158805.08	188078.357	N/A	5	158850	0.03108329	0.03363286	41.12	48.8229813	49.5476136	4%	6%	46.93029766
203	2	75	2966678.27	120578.357	N/A	5	91350	0.03129261	0.03572611	41.31	49.1077471	50.3862482	5%	7%	46.93029766
174	2	75	2542867.09	107528.357	N/A	5	78300	0.03137471	0.03654713	41.09	48.8693336	50.3587755	4%	7%	46.93029766
114	2	75	1666016.37	80528.3574	N/A	5	51300	0.03167719	0.03957193	43.31	51.5995389	54.0306148	10%	15%	46.93029766
357	2	75	5217261.79	189878.357	N/A	5	160650	0.03108011	0.03360112	40.64	48.2521813	48.9602244	3%	4%	46.93029766
111	2	75	1622173.83	79178.3574	N/A	5	49560	0.0317009	0.03980901	43.31	51.6065953	54.1062201	10%	15%	46.93029766
283	2	75	4135812.57	156578.357	N/A	5	127350	0.03115336	0.03433357	42.25	50.1849102	51.1166979	7%	9%	46.93029766
90	2	75	1315276.08	69728.3574	N/A	5	40500	0.03191111	0.04191111	35.81	42.7216566	45.2966161	-9%	-3%	46.93029766
91	2	75	1329890.26	70178.3574	N/A	5	40950	0.0318989	0.04178901	43.27	51.6178671	54.6932404	10%	17%	46.93029766
283	2	75	4135812.57	156578.357	N/A	5	127350	0.03115336	0.03433357	42.99	51.0638885	52.0119963	9%	11%	46.93029766
311	2	75	4545009.57	169178.357	N/A	5	139950	0.03112154	0.03401543	41.16	48.8812421	49.7060232	4%	6%	46.93029766
147	2	75	2148284.27	95378.3574	N/A	5	66150	0.03148027	0.03760272	43.29	51.5171813	53.3839553	10%	14%	46.93029766
144	2	75	2104441.73	94028.3574	N/A	5	64800	0.03149444	0.03774444	42.83	50.9739235	52.8606152	9%	13%	46.93029766
288	2	75	4208883.46	158828.357	N/A	5	129600	0.03114722	0.03427222	40.67	48.3064659	49.1875806	3%	5%	46.93029766
98	2	75	1432189.51	73328.3574	N/A	5	44100	0.03182041	0.04100408	34.87	41.5784593	43.8710844	-11%	-7%	46.93029766
199	2	75	2908221.56	118778.357	N/A	5	89550	0.03130251	0.03582513	42.5	50.5252559	51.8676561	8%	11%	46.93029766
362	2	75	5290332.69	192128.357	N/A	5	162900	0.03107624	0.03356243	41.09	48.7853829	49.4912493	4%	5%	46.93029766
85	2	75	1242205.19	67478.3574	N/A	5	38250	0.03197647	0.04256471	43.31	51.688721	54.9966116	10%	17%	46.93029766
340	2	75	4968820.75	182228.357	N/A	5	153000	0.03109412	0.03374118	40.85	48.5054276	49.2532086	3%	5%	46.93029766
169	2	75	2469796.2	105278.357	N/A	5	76050	0.03139172	0.03671716	43.25	51.4433147	53.0587425	10%	13%	46.93029766
257	2	75	3755843.92	144878.357	N/A	5	115650	0.03118911	0.03469105	43.17	51.288253	52.3384242	9%	12%	46.93029766
97	2	75	1417575.33	72878.3574	N/A	5	43650	0.03183093	0.04110928	43.3	51.6333975	54.5110849	10%	16%	46.93029766
293	2	75	4281954.36	161078.357	N/A	5	131850	0.0311413	0.03421297	40.47	48.0672723	48.9288504	2%	4%	46.93029766
171	2	75	2499024.56	106178.357	N/A	5	76950	0.0313848	0.03664795	43.31	51.5126266	53.1108487	10%	13%	46.93029766
321	2	75	4691151.36	173678.357	N/A	5	144450	0.03111153	0.03391526	42.24	50.1609467	50.9806131	7%	9%	46.93029766
216	2	75	3156662.6	126428.357	N/A	5	97200	0.03126296	0.03542963	43.19	51.3338499	52.5883204	9%	12%	46.93029766
257	2	75	3755843.92	144878.357	N/A	5	115650	0.03118911	0.03469105	42.6	50.6110627	51.6473678	8%	10%	46.93029766
335	2	75	4895749.86	179978.357	N/A	5	150750	0.03109851	0.03378507	41.6	49.3972288	50.170265	5%	7%	46.93029766
301	2	75	4398867.79	164678.357	N/A	5	135450	0.03113223	0.03412226	40.31	47.874735	48.7097403	2%	4%	46.93029766
42	2	75	613795.505	48128.3574	N/A	5	18900	0.03318095	0.05460952	43.31	52.0499608	59.1540945	11%	26%	46.93029766
302	2	75	4413481.96	165128.357	N/A	5	135900	0.03113113	0.03411126	41.41	49.1808538	50.0357604	5%	7%	46.93029766
298	2	75	4355025.25	163328.357	N/A	5	134100	0.03113557	0.03415557	42.9	50.9517661	51.8495103	9%	10%	46.93029766
305	2	75	4457324.5	166478.357	N/A	5	137250	0.03112787	0.03407869	40.8	48.4554745	49.2893742	3%	5%	46.93029766
375	2	75	5480317.01	197978.357	N/A	5	168750	0.03106667	0.03346667	40.36	47.9160254	48.5850139	2%	4%	46.93029766
130	2	75	1899843.23	87728.3574	N/A	5	58500	0.03156923	0.03849231	40.13	47.7811287	49.7462697	2%	6%	46.93029766
353	2	75	5158805.08	188078.357	N/A	5	158850	0.03108329	0.03363286	40.8	48.4430359	49.162029	3%	5%	46.93029766
329	2	75	4808064.79	177278.357	N/A	5	148050	0.03110395	0.03383951	42.32	50.2537563	51.0547196	7%	9%	46.93029766
316	2	75	4618080.47	171428.357	N/A	5	142200	0.03111646	0.03396456	42.26	50.1861217	51.0193457	7%	9%	46.93029766
254	2	75	3712001.39	143528.357	N/A	5	114300	0.0311937	0.03473701	41.59	49.4124371	50.4363449	5%	7%	46.93029766
225	1.5	46	1236944.08	73095.0585	1600	critical transe	67597.5293	0.05466184	0.05614332	52.29	71.442254	72.0989377	0%	1%	71.32963

233	1.5	44	1171961	71571.7511	1600	ertical transe	66541.8755	0.05679185	0.05822246	51.05	70.671784	71.3023557	0%	1%	70.71103673
361	1.5	54	2734932.47	132115.98	1600	ertical transe	124539.99	0.04554786	0.04647122	57.21	73.9530942	74.3642888	0%	1%	73.7606478
131	1.5	61	1266434.85	67280.8832	1600	ertical transe	57613.4416	0.04550244	0.04804697	57.99	74.9409545	76.0974015	0%	1%	75.21790499
52	1.5	60	486359.867	37426.1487	1600	ertical transe	28073.0744	0.05773077	0.06414103	52.44	73.0202092	76.0162046	-2%	2%	74.48029176
159	1.5	56	1295463.15	69719.134	1600	ertical transe	61571.567	0.04753931	0.04963574	56.62	74.0723	75.0177284	0%	1%	74.26547875
333	1.5	53	2430232.69	120489.992	1600	ertical transe	113191.996	0.04658791	0.04758891	56.61	73.6360363	74.0813788	0%	1%	73.45806661
101	1.5	54	765175.013	47875.9805	1600	ertical transe	40299.9902	0.05267877	0.0559791	54.24	73.209682	74.7111728	0%	2%	73.48367607
259	1.5	40	1076642.78	70473.8439	1600	ertical transe	66316.9219	0.061611	0.06289801	47.7	68.0502311	68.6039994	-2%	-1%	69.3693172
125	1.5	57	1055143.7	59632.2992	1600	ertical transe	51191.1496	0.04852632	0.05119298	56.3	74.0940663	75.3035608	0%	1%	74.46090807
223	2	50	1448427.49	79890.3811	1600	ertical transe	66900	0.04628969	0.0506843	55.28	71.7772105	73.7105344	-1%	2%	72.46521208
238	2	44	1197110.38	72891.7511	1600	ertical transe	62832	0.05258403	0.05670168	50.62	68.2840302	70.0373739	-3%	-1%	70.68570666
149	2	46	819131.86	52119.0585	1600	ertical transe	41124	0.05035162	0.0569288	53.65	71.392449	74.3341956	0%	4%	71.20306687
251	2	48	1502477.87	84259.9352	1600	ertical transe	72288	0.04820468	0.05210906	52.78	69.3266024	70.9912481	-4%	-1%	71.89636813
264	2	57	2228463.5	107170.299	1600	ertical transe	90288	0.04060207	0.04431419	59.64	74.856766	76.5269857	1%	3%	74.43907526
59	2	42	270397.38	24034.0129	1600	ertical transe	14868	0.05533898	0.07194915	51.3	70.3827872	78.1793303	0%	12%	70.03790023
54	2	40	224473.785	21273.8439	1600	ertical transe	12960	0.05812037	0.07626852	48.82	68.1443837	76.5276643	-2%	10%	69.39200889
235	2	39	928643.371	62893.3478	1600	ertical transe	54990	0.05931588	0.06348609	48.71	68.4992481	70.3172787	-1%	2%	69.01710915
76	2	62	759012.377	48246.0099	1600	ertical transe	28272	0.03752122	0.05041596	61.87	76.2598177	82.3630825	1%	9%	75.24063594
193	2	55	1516821.84	79408.3611	1600	ertical transe	63690	0.04210363	0.04718135	58.85	74.5253943	76.8237075	1%	4%	74.02592923
144	2	58	1258549.69	67591.8567	1600	ertical transe	50112	0.03996648	0.04677203	60.05	75.0888757	78.1972292	1%	5%	74.5995191
352	2	61	3402939.44	148166.8853	1600	ertical transe	128952	0.03792567	0.04070976	60.64	74.92142702	76.1904003	0%	1%	75.20251135
121	2	56	98555.607	56951.134	1600	ertical transe	40656	0.04415259	0.04951446	59.32	74.8144377	76.5372387	0%	8%	74.13796359
96	2	46	527762.309	37491.0585	1600	ertical transe	26496	0.05042572	0.06063406	53.95	71.8240216	76.4061942	1%	7%	71.45970026
74	2	52	519864.658	37138.3962	1600	ertical transe	23088	0.04489335	0.05793659	57.35	73.7555926	79.9593708	1%	9%	73.03724577
185	2	55	1453948.4	76768.3611	1600	ertical transe	61050	0.04210811	0.04740541	57.52	72.8430715	75.1889745	-1%	2%	73.4784964
184	2	57	1553171.53	79810.2992	1600	ertical transe	62928	0.04063501	0.0459611	58.72	73.7163912	76.0934656	0%	3%	73.98690607
66	2	53	481667.741	35583.9922	1600	ertical transe	20988	0.04388794	0.05873642	57.41	73.4782671	80.4425112	0%	10%	73.41169414
131	2	55	1029552.65	58948.3611	1600	ertical transe	43230	0.04215267	0.04963359	57.95	73.4070471	76.7788851	-1%	4%	74.00469604
69	2	57	582439.323	40480.2992	1600	ertical transe	23598	0.04081617	0.05501907	59.69	75.0144624	81.7323302	1%	10%	74.33657623
57	2	66	645081.539	45206.44	1600	ertical transe	22572	0.03535088	0.05254386	61.19	74.4710093	82.5221783	-2%	9%	75.8649649
67	2	42	307061.431	26050.0129	1600	ertical transe	16884	0.05529851	0.06992537	51.31	70.3789308	77.1781795	0%	10%	70.09673808
187	2	49	1166502.44	67453.962	1600	ertical transe	54978	0.04724981	0.05249045	55.73	72.7808297	75.1341438	1%	4%	72.36200479
170	2	52	1194283.67	67090.3962	1600	ertical transe	53040	0.04454072	0.05030543	56.56	72.6732335	75.2436727	-1%	3%	73.11489724
75	2	59	678292.747	44637.8066	1600	ertical transe	26550	0.03941921	0.05248588	60.65	75.5947345	81.764907	1%	9%	74.89642146
56	1.5	46	307861.639	26451.0585	1400	ertical transe	20953.5293	0.06807453	0.07402692	40.76	60.5843985	62.9620979	-1%	3%	61.19148106
180	1.5	42	824941.159	54526.0129	1400	ertical transe	49943.0064	0.06055556	0.06240741	42.23	59.848852	60.5492544	0%	1%	59.81601369
110	1.5	67	1399531.69	71565.5282	1400	ertical transe	59902.7641	0.04281095	0.04558872	52.76	67.0947685	68.2174719	0%	2%	66.70487494
120	1.5	60	1028838.18	58306.1487	1400	ertical transe	48953.0744	0.04759091	0.05066211	49.87	65.2620194	66.4712941	-1%	1%	66.1052539
233	1.5	51	1574519.92	84813.1925	1400	ertical transe	78055.5962	0.04958596	0.05101658	47.75	63.2464627	63.7989647	0%	1%	63.13584755
74	1.5	57	624645.071	42190.2992	1400	ertical transe	33749.1496	0.05403983	0.05854433	46.8	63.6972285	65.4974215	-2%	1%	65.12760187
115	1.5	42	270397.38	24034.0129	1400	ertical transe	19451.0064	0.07194915	0.07759887	39.14	59.6479335	61.8936863	0%	3%	59.80321745
59	1.5	42	527045.74	38146.0129	1400	ertical transe	33563.0064	0.06369565	0.0665942	41.37	59.800509	60.9117706	0%	2%	59.80050903
172	1.5	55	1351779.05	72478.3611	1400	ertical transe	64619.1805	0.04781395	0.04975194	49.41	64.3409034	65.1001208	1%	2%	63.95443914
263	1.5	49	1640589	89797.962	1400	ertical transe	83559.981	0.05094514	0.05221257	46.84	62.5558804	63.0415783	0%	1%	62.42150199
103	1.5	61	995746.483	57032.8832	1400	ertical transe	47365.4416	0.04757759	0.05081384	49.97	65.3876301	66.682724	0%	1%	65.70292298
98	1.5	42	449134.631	33862.0129	1400	ertical transe	29279.0064	0.06520408	0.06860544	40.95	59.7621093	61.0744239	0%	2%	59.80134284
176	1.5	54	1333374.28	72175.9805	1400	ertical transe	64599.9902	0.0484596	0.05035354	48.72	64.0924785	64.832817	0%	2%	63.85468735
139	1.5	57	1173319.8	64420.2992	1400	ertical transe	55979.1496	0.04772056	0.05011864	49.47	64.7892237	65.7369317	0%	2%	64.67551428
159	1.5	41	694411.212	47848.7322	1400	ertical transe	43481.3661	0.06263077	0.06472721	41.42	59.4715388	60.2652903	0%	0%	59.47840231
209	1.5	70	2660689.85	113241.147	1400	ertical transe	100510.573	0.03778469	0.03937959	54.47	67.2425299	67.8760721	0%	0%	67.56796456
76	1.5	44	382270.541	30123.7511	1400	ertical transe	25093.8755	0.06565789	0.07004386	41.18	60.2714135	61.9884188	0%	2%	60.49627712
89	1.5	54	674263.131	43987.9805	1400	ertical transe	36411.9902	0.05401373	0.05775905	46.51	63.2923712	64.7743477	-1%	1%	64.20853269
191	1.5	61	1846481.34	89240.8832	1400	ertical transe	79573.4416	0.04310445	0.04484966	52.03	66.2821393	66.9736364	0%	1%	66.2053032
205	1.5	60	1917380.24	92506.1487	1400	ertical transe	83153.0744	0.04337805	0.04500407	50.18	64.0296682	64.6546614	-2%	-1%	65.16205261
92	1.5	56	749576.164	47207.134	1400	ertical transe	39059.567	0.05211957	0.05574275	47.5	63.893534	65.331892	-2%	1%	64.8867579
132	1.5	53	963335.482	56571.9922	1400	ertical transe	49273.9961	0.05116066	0.05368592	47.5	63.5206853	64.509561	0%	1%	63.79912916
107	1.5	54	810630.955	49819.9805	1400	ertical transe	42243.9902	0.05212357	0.05523884	47.26	63.5722603	64.7999268	0%	2%	63.83927615
141	1.5	40	586125.993	42153.8439	1400	ertical transe	37996.9219	0.0648422	0.06720626	40.61	59.1298847	60.0269354	0%	2%	59.12539654
195	1.5	57	1646024.17	83572.2992	1400	ertical transe	75131.1496	0.04565452	0.04736392	50.35	65.1270963	65.8000383	0%	1%	65.15975369
68	2	50	441672.956	33390.3811	1400	ertical transe	20400	0.04649412	0.06090588	48.06	62.4792834	68.2609417	0%	9%	62.54033313
81	2	44	407419.919	31443.7511	1400	ertical transe	21384	0.05274691	0.06484568	45.05	60.8309826	65.5961621	1%	8%	60.48489246
103	2	46	566245.514	39423.0585	1400	ertical transe	28428	0.05041157	0.05992613	46.1	61.3679757	65.076554	0%	7%	61.06749946
218	2	48	1304940.93	74755.9352	1400	ertical transe	62784	0.04821674	0.05271216	46.81	61.4894811	63.1940593	-1%	2%	61.8694417
252	2	57	2127189.7	103066.299	1400	ertical transe	86184	0.04060568	0.04449457	52.36	65.7207223	67.258142	1%	3%	65.12448816
208	2	42	953265.339	61582.0129	1400	ertical transe	52416	0.05509615	0.05980769	42.91	58.7837369	60.5285847	-2%	1%	59.80359041
62	2	40	257729.16	23193.8439	1400	ertical transe	14880	0.05807258	0.07387903	42.4	59.1655702	65.4322248	0%	11%	59.12408292
190	2	39	750818.044	52363.3478	1400	ertical transe	44460	0.05933603	0.06449393	41.39	58.2127009	60.1326111	-1%	2%	58.7830808

240	1.5	42	1099921.54	69646.0129	1200	ertical transe	65063.0064	0.05916667	0.06055556	37.79	53.0933512	53.5564319	0%	0%	53.3242422
41	1.5	67	478173.329	39807.5282	1200	ertical transe	28144.7641	0.05886786	0.06699794	40.71	57.0893324	60.0946984	-4%	1%	59.271903431
165	1.5	60	1543257.27	78106.1487	1200	ertical transe	68753.0744	0.04456061	0.04658081	45.31	58.2251721	58.9349286	0%	1%	58.445086358
126	1.5	51	851457.124	52071.1925	1200	ertical transe	45313.5962	0.05323063	0.05587613	41.01	55.5401543	56.4519907	0%	1%	55.70183132
91	1.5	57	768144.615	48004.2992	1200	ertical transe	39563.1496	0.05151533	0.05517833	42.36	56.7697247	58.0596865	-1%	1%	57.49899653
84	1.5	42	384972.541	30334.0129	1200	ertical transe	25751.0064	0.06690476	0.07087302	36.28	53.5234237	54.9055272	0%	3%	53.36486528
128	1.5	42	586624.824	41422.0129	1200	ertical transe	36839.0064	0.0628125	0.06541667	37.11	53.3442656	54.2312632	0%	2%	53.38247035
194	1.5	55	1524681.02	79738.3611	1200	ertical transe	71879.1805	0.04715464	0.04887285	43.38	56.6198165	57.210448	0%	1%	56.52686979
59	1.5	49	368040.878	29821.962	1200	ertical transe	23583.981	0.06409201	0.06974173	37.81	54.7917753	56.8048367	-1%	3%	55.11111865
63	1.5	61	609048.82	42392.8832	1200	ertical transe	32725.4416	0.05374187	0.05903287	41.96	57.005291	58.9028399	-2%	1%	58.14326162
182	1.5	42	834107.172	55030.0129	1200	ertical transe	50447.0064	0.06049451	0.06232601	37.58	53.2384511	53.8544752	0%	1%	53.3616415
113	1.5	54	856086.896	51763.9805	1200	ertical transe	44187.9902	0.05162734	0.05457719	41.95	56.2586932	57.2851611	0%	2%	56.39943665
121	1.5	57	1021379.1	58264.2992	1200	ertical transe	49823.1496	0.04879078	0.0515456	43.32	57.1029389	58.0670151	0%	2%	57.15479988
298	1.5	41	1301475.1	82042.7322	1200	ertical transe	77675.3661	0.05969177	0.06081574	37.47	52.818452	53.1895951	0%	0%	53.0672989
178	1.5	70	2266042.07	100221.147	1200	ertical transe	87490.5734	0.03861798	0.04049064	48.86	60.6129893	61.2859256	1%	2%	60.09699396
145	1.5	44	729331.954	48339.7511	1200	ertical transe	43309.8755	0.05939655	0.0616954	38.22	53.7745895	54.5547181	0%	1%	53.7901884
125	1.5	54	946998.779	55651.9805	1200	ertical transe	48075.9902	0.05077778	0.05344444	42.23	56.3416705	57.2674568	-1%	1%	56.63226605
235	1.5	61	2271848.77	105344.883	1200	ertical transe	95677.4416	0.04212417	0.04354261	46.43	58.8043544	59.3028187	0%	1%	58.58084333
40	1.5	60	374122.974	33106.1487	1200	ertical transe	23753.0744	0.0635	0.07183333	38.95	56.2327827	59.3138224	-2%	3%	57.68088946
350	1.5	56	2851648.45	133895.134	1200	ertical transe	125747.567	0.04401714	0.04505952	44.81	57.4268117	57.7548364	0%	1%	57.24387765
237	1.5	53	2605384.6	128121.982	1200	ertical transe	120623.996	0.04638603	0.04731973	43.15	56.0597876	56.375679	0%	0%	56.27762541
235	1.5	51	1780357.7	91291.9805	1200	ertical transe	83715.9902	0.04703331	0.04845154	43.24	56.3957831	56.8806179	0%	1%	56.37650601
240	1.5	40	997661.265	65913.8439	1200	ertical transe	61756.9219	0.06191667	0.06330556	36.76	52.5437981	53.0058738	-1%	0%	52.94397224
209	1.5	57	1764200.27	88360.2992	1200	ertical transe	79919.1496	0.045311	0.04680959	44.57	57.8321166	58.0859298	0%	1%	57.52505615
102	2	50	662509.434	43590.3811	1200	ertical transe	30600	0.04639608	0.05600392	42.73	55.5174059	58.8661195	0%	6%	55.29381192
152	2	44	764541.083	50187.7511	1200	ertical transe	40128	0.05263158	0.05907895	39.56	53.3801353	55.5497171	-1%	3%	53.79113648
175	2	46	982067.621	59295.0585	1200	ertical transe	48300	0.05033168	0.05593168	39.94	53.1420069	54.9979676	-2%	1%	54.2492835
204	2	48	1221137.39	70723.9352	1200	ertical transe	58752	0.04822304	0.05302696	40.97	53.8201217	55.4167449	-2%	1%	54.76244439
44	2	57	371410.583	31830.2992	1200	ertical transe	15048	0.04098086	0.06325359	40.21	50.582559	57.9615522	-12%	1%	57.49170151
55	2	42	252065.354	23026.0129	1200	ertical transe	13860	0.05536364	0.07318182	38.05	52.2119385	58.4530859	-2%	10%	53.38008142
200	2	40	831384.388	56313.8439	1200	ertical transe	48000	0.05785	0.06275	37.58	52.3671518	53.9985827	-1%	2%	52.89361582
253	2	39	999773.501	67105.3478	1200	ertical transe	59202	0.05930982	0.06318334	36.58	51.4392894	52.7056232	-3%	0%	52.76046556
56	2	62	559272.278	40806.0099	1200	ertical transe	20832	0.03761521	0.05511521	48.27	59.5295033	66.1343354	2%	13%	58.64437893
183	2	55	1438230.04	76108.3611	1200	ertical transe	60390	0.04210929	0.04746448	43.85	55.5571622	57.3664025	-2%	1%	56.94702481
51	2	58	445736.347	35227.8567	1200	ertical transe	17748	0.04021974	0.05943543	44.18	55.3270855	62.1752534	-4%	8%	57.72612103
64	2	61	618716.261	42758.8832	1200	ertical transe	23424	0.03818135	0.05349385	48.14	59.5667565	65.3017117	2%	11%	58.62956007
116	2	56	945117.772	55271.134	1200	ertical transe	38976	0.04142241	0.04987069	45.79	57.7528281	60.7552836	1%	6%	57.11948646
119	2	46	654205.982	43839.0585	1200	ertical transe	32844	0.05038546	0.05862075	40.8	54.3040327	57.127503	0%	5%	54.2719717
213	2	52	1496367.19	80506.3962	1200	ertical transe	66456	0.04451697	0.04911791	43.38	55.7305017	57.2954276	0%	3%	55.8669218
69	2	55	542283.457	38488.3611	1200	ertical transe	22770	0.04228966	0.05649275	42.67	54.0954678	58.9614926	-4%	4%	56.44886046
217	2	57	1831729.47	91096.2992	1200	ertical transe	74214	0.04061848	0.04513461	43.92	55.1312573	56.6331943	-3%	-1%	57.02791364
289	2	53	2109120.87	106497.992	1200	ertical transe	91902	0.04365411	0.04704511	43.94	56.1597921	57.3129061	2%	2%	56.24570982
259	2	55	2035527.76	101188.361	1200	ertical transe	85470	0.04207272	0.045861	45.28	57.3318731	58.6417291	1%	3%	56.93269532
176	2	57	1485642.33	77074.2992	1200	ertical transe	60192	0.04063995	0.04620813	46.18	57.9755179	59.93212	1%	4%	57.38398872
175	2	66	1980513.5	91934.44	1200	ertical transe	69300	0.03511429	0.04071429	49.83	60.5618543	62.5853283	2%	5%	59.57283997
154	2	42	705782.991	47974.0129	1200	ertical transe	38808	0.05512987	0.06149351	38.07	52.1641139	54.2717007	-2%	2%	53.2843401
336	2	49	2095961.61	111259.962	1200	ertical transe	98784	0.04720238	0.05011905	41.49	54.1685576	55.1330507	-2%	0%	55.11111865
118	2	52	828973.373	50866.3962	1200	ertical transe	36816	0.04459257	0.05289765	41.48	53.313658	56.0621466	-5%	0%	55.93256314
359	2	59	3246761.28	145173.807	1200	ertical transe	127086	0.03920825	0.04193806	46.61	58.0229821	58.9671317	0%	1%	58.10465146
210	1.5	46	1154481.15	68955.0585	1000	ertical transe	63457.5293	0.0549793	0.0565666	35.52	48.6249082	49.1040529	-1%	0%	48.89182603
195	1.5	42	893686.255	58306.0129	1000	ertical transe	53723.0064	0.06012821	0.06183761	34.23	48.3815217	48.9031553	0%	1%	48.60946776
114	1.5	67	1329555.11	69153.5282	1000	ertical transe	57490.7641	0.04324954	0.04617352	40.48	51.6129317	52.5237703	0%	2%	51.52775033
199	1.5	60	1861261.8	90346.1487	1000	ertical transe	80993.0744	0.04352513	0.04520017	39.75	50.7654809	51.2762689	0%	1%	50.77372885
100	1.5	51	675759.623	44115.1925	1000	ertical transe	37357.5962	0.05529412	0.05862745	36.05	49.4737729	50.5067407	0%	2%	49.29365603
140	1.5	57	1181760.95	64762.2992	1000	ertical transe	56321.1496	0.04766917	0.05005013	38.34	50.1970631	50.9259138	0%	1%	50.23242669
197	1.5	42	902852.268	58810.0129	1000	ertical transe	54227.0064	0.06007614	0.06176819	34.23	48.3657634	48.881811	-1%	0%	48.69814022
225	1.5	42	1031176.45	65866.0129	1000	ertical transe	61283.0064	0.05944444	0.06092593	34.01	47.8655369	48.311413	-2%	-1%	48.75685869
144	1.5	55	1131722	63238.3611	1000	ertical transe	55379.1805	0.04894444	0.05125926	37.8	49.8730436	50.5794828	0%	1%	49.89939767
70	1.5	49	436658.669	33055.962	1000	ertical transe	26817.981	0.06142857	0.06619048	34.78	49.561331	51.0772271	1%	4%	49.04161219
217	1.5	61	2097834.82	98756.8832	1000	ertical transe	89089.4416	0.04247715	0.04401325	39.87	50.6020251	51.0672508	0%	1%	50.7781027
155	1.5	42	710365.998	48226.0129	1000	ertical transe	43643.0064	0.06145161	0.06360215	34.05	48.5281084	49.1903246	0%	1%	48.69393852
215	1.5	54	1628837.9	84811.9805	1000	ertical transe	77235.9902	0.04742894	0.04897933	37.99	49.6668029	50.1343186	0%	1%	49.7681174
83	1.5	57	700615.418	45268.2992	1000	ertical transe	36827.1496	0.05257451	0.05659057	37.19	50.1646592	51.4203509	0%	2%	50.18630576
318	1.5	41	1388822.42	86962.7322	1000	ertical transe	82595.3661	0.05948612	0.06053434	34.05	47.9343064	48.2496447	-1%	0%	48.44900965
65	1.5	70	827487.273	52761.1469	1000	ertical transe	40030.5734	0.04838462	0.05351282	39.2	51.5452853	53.1808284	-1%	2%	52.10685423
58	1.5	44	291732.782	25371.7511	1000	ertical transe	20341.8755	0.06974138	0.07548851	33.06	49.6684393	51.5584637	2%	6%	48.75354793
331	1.5	54	2507652.77	122395.98	1000	ertical transe	114819.99	0.04579893	0.04680598						

70	2	61	676720.911	44954.8832	1000	ertical transe	25620	0.03815457	0.05215457	41.44	51.2683446	55.7539907	1%	9%	50.93124392
153	2	56	1246577.75	67703.134	1000	ertical transe	51408	0.04138072	0.04778595	39.29	49.5423119	51.4771243	-1%	3%	50.05127604
260	2	46	1429357.61	82755.0585	1000	ertical transe	71760	0.05029431	0.05406353	36.03	47.9286833	49.0458485	-2%	1%	48.73064801
277	2	52	1945979.87	100474.396	1000	ertical transe	86424	0.04449528	0.04803319	37.2	47.7848261	48.8116512	-3%	-1%	49.48678866
184	2	55	1446089.22	76438.3611	1000	ertical transe	60720	0.0421087	0.04743478	38.14	48.3004944	49.8646641	-3%	0%	49.89688022
62	2	52	523351.276	38086.2992	1000	ertical transe	21204	0.0408489	0.05665535	39.88	50.1282647	55.1617742	0%	10%	50.16234014
237	2	53	1729625.07	89961.9922	1000	ertical transe	75366	0.04366929	0.04780431	38.32	48.9812962	50.2118122	-1%	1%	49.59356027
167	2	55	1312483.15	70828.3611	1000	ertical transe	55110	0.04211976	0.04798802	39.37	49.8614427	51.6444909	0%	3%	49.90075216
253	2	57	2135610.85	103408.299	1000	ertical transe	86526	0.04060537	0.04447888	39.6	49.7046558	50.8627323	-1%	1%	50.22074047
104	2	66	1176990.88	63818.44	1000	ertical transe	41184	0.03519231	0.04461538	42.91	52.1751999	55.1591434	1%	7%	51.66786036
304	2	42	1392333.96	85774.0129	1000	ertical transe	76608	0.05506579	0.05828947	34.49	47.2400743	48.1928306	-3%	-1%	48.50113457
344	2	49	2145865.46	113611.962	1000	ertical transe	101136	0.047201	0.05004983	36.77	48.0058146	48.8404417	-2%	0%	49.04161219
273	2	52	1917879.07	99226.3962	1000	ertical transe	85176	0.04449634	0.04808608	38.1	48.9412201	50.0085541	-1%	1%	49.46752665
246	2	59	2224800.21	105171.807	1000	ertical transe	87084	0.03923384	0.04321758	40.59	50.5365346	51.7433314	0%	2%	50.58040032
252	1.5	46	1385377.37	80547.0585	800	ertical transe	75049.5293	0.05418565	0.0555084	33.73	45.9494515	46.325433	-2%	-1%	46.66059609
155	1.5	42	710365.998	48226.0129	800	ertical transe	43643.0064	0.06145161	0.06360215	32.68	46.5755824	47.2111544	0%	1%	46.6891645
80	1.5	67	933021.129	55485.5282	800	ertical transe	43822.7641	0.04697761	0.05114428	36.64	47.7717659	48.9929581	0%	3%	47.72704912
141	1.5	60	1318783.48	69486.1487	800	ertical transe	60113.0744	0.04559922	0.04795626	36.5	47.194648	47.8709088	0%	2%	47.10333881
367	1.5	51	2480037.81	125817.192	800	ertical transe	119059.596	0.04801891	0.04892718	33.2	46.1833876	46.4377668	-1%	0%	46.52255321
74	1.5	57	624945.071	42190.2992	800	ertical transe	33749.1496	0.05403983	0.05854433	34.81	47.3782163	48.7172061	1%	4%	46.87066841
209	1.5	42	957948.345	61834.0129	800	ertical transe	57251.0064	0.05978469	0.06137959	32.85	46.3313469	46.7966648	-1%	0%	46.78247639
160	1.5	42	733281.03	49486.0129	800	ertical transe	44903.0064	0.061125	0.06333333	32.7	46.5451134	47.1589459	-1%	1%	46.86324638
83	1.5	45	652311.965	43108.3611	800	ertical transe	35249.1805	0.05404819	0.05806436	34.68	47.203706	48.300446	1%	3%	46.96570781
276	1.5	49	1721682.75	93619.962	800	ertical transe	87381.981	0.05076605	0.05197378	34.7	46.2921224	46.6343444	0%	0%	46.46544389
65	1.5	61	628383.703	43124.8832	800	ertical transe	33457.4416	0.05325347	0.05838167	35.17	47.6376623	49.1712042	1%	4%	47.29002568
241	1.5	42	1104504.55	69898.0129	800	ertical transe	65315.0064	0.05914938	0.0605325	32.69	45.9231127	46.3219613	-2%	-1%	46.79228175
213	1.5	54	1613685.92	84163.9805	800	ertical transe	76587.9902	0.04747261	0.04903756	35.65	46.8198438	47.0628838	0%	0%	46.83120046
132	1.5	57	1114231.75	62026.2992	800	ertical transe	53585.1496	0.04810207	0.05062733	35.81	47.007332	47.7326169	0%	2%	47.01761315
326	1.5	41	1423761.35	88930.7322	800	ertical transe	84563.3661	0.05940895	0.06043144	32.53	45.7724438	46.0660684	-2%	-1%	46.57014401
216	1.5	70	2749803.86	116181.147	800	ertical transe	103450.573	0.03762963	0.03917284	38.21	47.1268841	47.5562275	-2%	-1%	47.99148907
169	1.5	44	850048.967	54675.7511	800	ertical transe	49645.8755	0.05841716	0.06038955	33.22	46.4551697	47.0380424	0%	1%	46.68795943
67	1.5	54	507591.346	36859.9805	800	ertical transe	29283.9902	0.05770315	0.06267828	34.07	47.4327169	48.9329376	2%	5%	46.64834299
130	1.5	61	609048.82	42392.8832	800	ertical transe	32725.4416	0.05374187	0.05903287	35.08	47.6583796	49.2447956	1%	4%	47.22984732
60	1.5	60	1689553.38	83506.1487	800	ertical transe	74153.0744	0.04405556	0.04590741	35.61	46.9035476	47.4264975	-1%	0%	47.27365831
58	1.5	56	472558.886	35783.134	800	ertical transe	27635.567	0.05849138	0.06423851	34.06	47.6518053	49.4033378	2%	6%	46.77701792
148	1.5	53	1080103.42	61659.9922	800	ertical transe	54361.9961	0.05034166	0.05259391	35.13	46.7449187	47.3916051	0%	2%	46.63208324
183	1.5	54	1386406.21	74443.9805	800	ertical transe	68667.9902	0.04824226	0.05006375	35.54	46.6924411	47.2106631	0%	1%	46.83852705
236	1.5	40	981033.577	64953.8439	800	ertical transe	60796.9219	0.06198729	0.06339972	32.39	46.3180083	46.732371	-1%	0%	46.83561441
161	1.5	57	1359025.09	71944.2992	800	ertical transe	63503.1496	0.0467375	0.04880789	36.05	46.9346263	47.5247964	0%	1%	46.86748343
208	2	50	1350999.63	75390.3811	800	ertical transe	62400	0.04629615	0.05100769	35.24	45.7584519	47.0817551	-2%	1%	46.70131397
56	2	44	281673.031	24843.7511	800	ertical transe	14784	0.05285714	0.07035714	33.94	45.8601051	51.1933635	-2%	10%	46.72865666
69	2	46	379329.519	30039.0585	800	ertical transe	19044	0.05050725	0.06471014	34.43	45.8596404	50.0895546	-2%	7%	46.88052837
133	2	48	796133.69	50275.9352	800	ertical transe	38304	0.04827538	0.0556438	34.93	45.9002097	48.0136569	-2%	3%	46.67754628
177	2	57	1494083.48	77416.2992	800	ertical transe	60534	0.04063931	0.04617603	37.13	46.6137464	48.1777929	-1%	3%	46.88342175
183	2	42	838690.178	55282.0129	800	ertical transe	46116	0.05510929	0.06046448	33.05	45.2798847	46.8121317	-3%	0%	46.82665877
269	2	40	1118212	72873.8439	800	ertical transe	64560	0.05782435	0.06146747	32.46	45.2253	46.2666476	-3%	-1%	46.69219518
97	2	39	383312.37	30601.3478	800	ertical transe	22698	0.05943695	0.06954005	32.6	45.8789627	48.9138931	-2%	4%	46.85565208
108	2	62	1078596.54	60150.0099	800	ertical transe	40176	0.03744325	0.04651732	38.17	47.0261379	49.6289446	-1%	5%	47.34098247
355	2	55	2790009.09	132868.361	800	ertical transe	117150	0.04205634	0.0448169	36.2	45.8294275	46.5898352	-2%	0%	46.71008819
292	2	58	2552059.09	119095.857	800	ertical transe	101616	0.03989608	0.04325224	37.03	46.2845301	47.2148623	-1%	1%	46.97676301
246	2	61	2378190.63	109370.883	800	ertical transe	90036	0.03795015	0.04193389	38.03	46.9931621	48.1112333	0%	2%	47.22228697
41	2	56	334050.247	30071.134	800	ertical transe	13776	0.0417378	0.06564024	36.88	46.6021266	53.9718344	-1%	15%	46.84319529
95	2	46	522265.28	37215.0585	800	ertical transe	26220	0.05042792	0.06074371	34.45	45.8641436	48.8805506	-1%	5%	46.40686711
250	2	52	1756299.52	92050.3962	800	ertical transe	78000	0.04450308	0.04842308	35.65	45.7959268	46.8881841	-2%	0%	46.72560814
48	2	55	377240.666	31558.3611	800	ertical transe	15840	0.04241667	0.06283333	36.59	46.4224369	52.6036973	-2%	12%	47.01615271
188	2	57	1586936.13	81178.2992	800	ertical transe	64296	0.0406327	0.04584546	36.63	45.9842384	47.4347658	-1%	1%	47.06687931
194	2	53	1415811.24	76287.9922	800	ertical transe	61692	0.043688	0.04873954	36.13	46.1871529	47.6105607	-1%	2%	46.6576215
267	2	55	2098401.2	103828.361	800	ertical transe	88110	0.04207491	0.04574532	36.6	46.3409392	47.3674397	-1%	1%	46.72335563
73	2	57	616203.922	41848.2992	800	ertical transe	24966	0.04080029	0.05422495	36.62	46.0172806	49.8984765	-2%	6%	46.91862603
47	2	66	1075135.9	60254.44	800	ertical transe	37620	0.03521053	0.04552632	39.03	47.4624598	50.4460122	0%	6%	47.68364912
66	2	42	302478.425	25798.0129	800	ertical transe	16632	0.05530303	0.07015152	33.43	45.8552583	50.3572583	-1%	8%	46.55083947
167	2	49	1041742.82	61573.962	800	ertical transe	49098	0.04726262	0.05313088	34.9	45.5813213	47.2364325	-2%	2%	46.46544389
253	2	52	1777375.11	92986.3962	800	ertical transe	78936	0.04450213	0.04837565	35.84	46.0397393	47.1245624	-1%	1%	46.65490252
185	2	59	1673122.11	83577.8066	800	ertical transe	65490	0.03926065	0.04455795	37.62	46.8461366	48.3424444	0%	3%	47.02977414
75	1.5	46	412314.695	31695.0585	600	ertical transe	26197.5293	0.06355072	0.06799517	31.8	45.9249286	47.2425007	2%	5%	45.18846107
78	1.5	42	357474.502	28822.0129	600	ertical transe	24239.0064	0.06782051	0.07209402	31.13	46.1954296	47.4855839	2%	5%	45.38507795
181	1.5	67	2110960.3	96087.5282	600	ertical transe	84424.7641	0.04000247	0.04184409	35.72	44.6751818	45.164807	-1%	0%	45.19752835
398	1.5	60	3722523.6	161986.149	600	ertical transe	152633.074								

143	1.5	53	1043613.44	60069.9922	600	ertical transe	52771.9961	0.05057791	0.05290891	33.67	44.8666306	45.5097084	0%	2%	44.69237859
257	1.5	54	1947029.49	98419.9805	600	ertical transe	90843.9902	0.04666883	0.04796585	34.07	44.338479	44.6864718	-1%	0%	44.90964707
221	1.5	40	918679.748	61353.8439	600	ertical transe	57196.9219	0.06227489	0.06378318	31.52	45.1555777	45.5875258	-1%	0%	45.62271083
53	1.5	57	447380.929	35008.2992	600	ertical transe	26567.1496	0.05939424	0.05658355	32.8	46.1481182	48.0142072	3%	8%	44.64554099
116	2	50	753442.101	47790.3811	600	ertical transe	34800	0.04637241	0.05482069	33.9	44.0386694	46.3618868	-2%	3%	45.0018484
245	2	44	1232319.51	74739.7511	600	ertical transe	64680	0.05258163	0.05658163	31.98	43.1389015	44.214353	-5%	-3%	45.35303308
73	2	46	401319.636	31143.0585	600	ertical transe	20148	0.05049136	0.06391602	33.18	44.1904113	48.0287448	-3%	6%	45.44065667
202	2	48	1209165.45	70147.9352	600	ertical transe	58176	0.04822401	0.0530755	33.23	43.6527492	44.9608557	-3%	0%	45.09362247
274	2	57	2312874.99	110590.299	600	ertical transe	93708	0.04059931	0.04417595	35.16	44.1301285	45.0782575	-1%	1%	44.67120731
110	2	42	504130.708	36886.0129	600	ertical transe	27720	0.05518182	0.06409091	32.38	44.3818009	46.922648	-3%	3%	45.55639182
48	2	40	199532.253	19833.8439	600	ertical transe	11520	0.05816667	0.07858333	31.95	44.6095902	50.8536517	-2%	12%	45.48676681
127	2	39	501862.588	37621.3478	600	ertical transe	29718	0.05938825	0.06710478	31.7	44.5987997	46.8264015	-2%	2%	45.69235965
245	2	62	2446816.21	111114.01	600	ertical transe	91140	0.0373397	0.0413397	35.83	44.1164357	45.1685891	-2%	1%	44.89319148
301	2	55	2365613.34	115048.361	600	ertical transe	99330	0.04206645	0.04532226	34.84	44.1103061	44.9754127	-1%	1%	44.60286616
327	2	58	2857956.58	131275.857	600	ertical transe	113796	0.03988875	0.04288569	35.17	43.9577774	44.7455057	-2%	0%	44.7287001
228	2	61	2204176.68	102782.883	600	ertical transe	83448	0.03795657	0.04225482	35.68	44.0909595	45.2243856	-1%	1%	44.749649
314	2	56	2558336.04	121799.134	600	ertical transe	105504	0.04131369	0.04443471	34.69	43.7247265	44.5445025	-2%	0%	44.73055675
169	2	46	929082.445	57639.0585	600	ertical transe	46644	0.05033573	0.05613455	33.22	44.2018284	45.8018385	-2%	2%	44.88059681
164	2	52	1152132.48	65218.3962	600	ertical transe	51168	0.04454503	0.05052064	34.22	43.9699798	45.5836406	-2%	2%	44.90269285
130	2	55	1021693.47	58618.3611	600	ertical transe	42900	0.04215385	0.04969231	34.01	43.0818134	45.0764546	-5%	0%	45.11353268
168	2	57	1418133.13	74338.2392	600	ertical transe	57456	0.04642596	0.04647817	35.03	43.978387	45.5357127	-2%	1%	45.02999567
147	2	53	1072805.42	61341.9922	600	ertical transe	45746	0.04372068	0.05038763	34.52	44.1376713	45.9460786	-1%	3%	44.72677899
312	2	55	2452064.33	118678.361	600	ertical transe	102960	0.0420641	0.04505113	34.85	44.1225332	44.9460786	-1%	1%	44.5267948
171	2	57	1443436.58	75384.2992	600	ertical transe	58482	0.04064327	0.04637427	35.12	44.0913859	45.6240506	-1%	2%	44.74755079
107	2	66	1210942.54	65006.44	600	ertical transe	42372	0.03518692	0.04434579	36.56	44.4527011	48.9207748	-1%	4%	45.01904925
215	2	42	985346.384	63346.0129	600	ertical transe	54180	0.05509302	0.05965116	32.37	44.3438089	45.616275	-2%	1%	45.24115224
249	2	49	1553257.26	85681.962	600	ertical transe	73206	0.04722318	0.05115892	33.76	44.0819402	45.146012	-2%	1%	44.76598209
282	2	52	1981105.86	102034.396	600	ertical transe	87984	0.044494	0.04796918	34.24	43.9822559	44.9103485	-2%	0%	44.78870642
401	2	59	3628605.22	180041.807	600	ertical transe	141954	0.03920242	0.04164631	31.89	43.4317157	44.0636116	-3%	-1%	44.6840536
47	1.5	46	478285.046	35007.0585	400	ertical transe	29509.5293	0.06171164	0.06554306	31.48	44.9387206	46.040765	1%	4%	44.41542096
183	1.5	42	838980.178	55282.0129	400	ertical transe	50699.0064	0.06046448	0.06228597	31.36	44.41841	44.9294988	-1%	1%	44.6822875
40	1.5	67	466510.565	39405.5282	400	ertical transe	27742.7641	0.05947761	0.06781095	32.52	45.7779982	48.2551665	4%	10%	44.06759015
360	1.5	60	3367106.77	148306.149	400	ertical transe	138953.074	0.04127778	0.04222037	34.42	43.3751758	43.6140907	0%	0%	43.58588169
223	1.5	51	1506943.96	81753.1925	400	ertical transe	74995.5962	0.04977842	0.05127319	32.98	43.7341585	44.1336782	0%	1%	43.83138604
57	1.5	57	481145.528	36376.2992	400	ertical transe	27935.1496	0.05807018	0.06391813	32.36	45.1549342	46.8424023	3%	7%	43.6640682
178	1.5	42	815775.146	54022.0129	400	ertical transe	49439.0064	0.06061798	0.06249064	31.34	44.4327923	44.9587748	-1%	0%	44.80920267
121	1.5	42	554543.779	39658.0129	400	ertical transe	35075.0064	0.06326446	0.06601928	31.1	44.8328299	45.6230675	0%	2%	44.88290562
168	1.5	55	1230342.33	71158.3611	400	ertical transe	63299.1805	0.04795238	0.04993651	33.39	43.791018	44.3203737	-1%	0%	44.12536262
227	1.5	49	1416021.68	79213.962	400	ertical transe	72975.981	0.05154814	0.05301657	32.68	43.8056212	44.2007307	0%	1%	43.94322677
169	1.5	61	1633797.63	81188.8832	400	ertical transe	71521.4416	0.04378601	0.0457584	34.16	43.6943269	44.2130806	-1%	1%	43.94458377
243	1.5	42	1113670.56	70402.0129	400	ertical transe	65819.0064	0.05911523	0.06048697	31.24	43.8767938	44.254675	-2%	-1%	44.80418603
75	1.5	54	588199.267	39451.9805	400	ertical transe	31875.9902	0.05611111	0.06055556	32.45	44.7337218	45.9885211	2%	5%	43.98730804
55	1.5	57	464263.229	35692.2992	400	ertical transe	27251.1496	0.05870813	0.06476874	32.29	45.2365593	46.9937003	3%	7%	43.98040156
61	1.5	41	266409.333	23740.7322	400	ertical transe	19373.3661	0.07273491	0.07819939	30.15	46.1825095	47.8669225	4%	7%	44.6052161
213	1.5	40	2711612.14	114921.147	400	ertical transe	102190.573	0.03769484	0.03925978	35.09	43.295338	43.6954416	-2%	-1%	43.97742521
114	1.5	44	573405.812	40155.7511	400	ertical transe	35125.8755	0.06127193	0.06419591	31.41	44.7150864	45.5472743	0%	2%	44.57992732
121	1.5	54	916694.818	54355.9805	400	ertical transe	46779.9902	0.05104224	0.05379706	33	44.0983253	44.8477684	1%	3%	43.69111283
51	1.5	61	493039.521	38000.8832	400	ertical transe	28333.4416	0.0574767	0.06401264	32.57	45.2806668	47.1745995	4%	8%	43.68026701
202	1.5	60	1889321.02	91426.1487	400	ertical transe	82073.0744	0.0434505	0.04510066	33.96	43.3516685	43.7812434	-2%	-1%	44.11070671
245	1.5	56	1996153.91	98615.134	400	ertical transe	90467.567	0.04533163	0.04669218	33.75	43.5707651	43.9282036	0%	1%	43.62918758
197	1.5	53	1437705.23	77241.9922	400	ertical transe	69943.9961	0.04866105	0.0503531	32.21	43.7419263	44.1931874	0%	1%	43.78190498
82	1.5	54	621231.199	41719.9805	400	ertical transe	34143.9902	0.0549729	0.05903794	33.57	44.5847643	45.722739	1%	4%	44.01837149
49	1.5	40	203689.175	20073.8439	400	ertical transe	15916.9219	0.07815816	0.08496088	29.6	46.9809227	49.1656392	5%	9%	44.9504994
296	1.5	57	2498580.28	118114.299	400	ertical transe	109673.15	0.04390469	0.04503082	33.96	43.4692835	43.7629354	0%	0%	43.63791592
194	2	50	1260066.96	71190.3811	400	ertical transe	58200	0.04630309	0.05135464	32.26	43.1892616	44.530483	-2%	1%	44.18610493
151	2	44	759511.207	49923.7511	400	ertical transe	39864	0.05263245	0.05912252	33.18	43.422192	45.199086	-3%	1%	44.62976707
182	2	46	1000550.33	61227.0585	400	ertical transe	50232	0.05032728	0.0557119	32.15	42.7759104	44.2109482	-4%	-1%	44.69248805
161	2	48	963740.782	58339.9352	400	ertical transe	46368	0.04824922	0.05433618	32.92	43.2521065	44.8875495	-2%	1%	44.30854718
77	2	57	649968.52	43216.2992	400	ertical transe	26334	0.04078606	0.05351333	34.35	43.1611275	46.6012029	-3%	7%	43.67506397
185	2	42	847856.191	55786.0129	400	ertical transe	46620	0.05510811	0.06040541	31.79	43.5533147	45.0108061	-1%	0%	44.86351894
256	2	40	1064172.02	69753.8439	400	ertical transe	61440	0.05782813	0.06165625	31.44	43.8052002	44.8659923	-2%	0%	44.80417485
247	2	39	976063.458	65701.3478	400	ertical transe	57798	0.05931174	0.06327935	31.09	43.7197014	44.8226296	-3%	0%	45.02972472
121	2	62	1208427.6	64986.0999	400	ertical transe	45012	0.03742335	0.04552253	34.62	42.6474997	44.7451003	-3%	2%	43.79104956
421	2	55	3308715.01	154648.361	400	ertical transe	138930	0.04204751	0.0443753	33.9	42.9153624	43.5146271	-2%	0%	43.64030795
269	2	58	2351040.73	111091.857	400	ertical transe	93612	0.03990194	0.04354506	34.37	42.9612282	43.8997979	-2%	0%	43.70802785
242	2	61	2339520.86	107906.883	400	ertical transe	88572	0.0379515	0.04200108	34.82	43.0269474	44.0678796	-1%	1%	43.65353114
147	2	56	1197692.35	65687.134	400	ertical transe	49392	0.04138605	0.04805272	33.65	42.4320578	44.1587605	-3%	1%	43.75248335
81	2	46	445299.87	33351.0585	400	ertical transe	22356	0.0							

170	1.5	42	779111.094	52006.0129	200	ertical transe	47423.0064	0.06088235	0.06284314	30.88	43.8532425	44.3974484	-1%	1%	44.17544989
228	1.5	42	1044925.47	66622.0129	200	ertical transe	62039.0064	0.05938596	0.06084795	30.77	43.2897631	43.6876037	-2%	-1%	44.26133881
105	1.5	55	825213.957	50368.3611	200	ertical transe	42509.1805	0.05152381	0.05469841	32.46	43.5042644	44.3591116	2%	2%	43.4052751
340	1.5	49	2120913.53	112435.962	200	ertical transe	106197.981	0.05008403	0.05106443	32.31	42.9252814	43.1821061	0%	0%	43.26883716
147	1.5	61	1421113.91	73136.8832	200	ertical transe	63469.4416	0.04467157	0.04693915	33.43	42.9874162	43.5764272	-1%	1%	43.1536072
190	1.5	42	870771.223	57046.0129	200	ertical transe	52463.0064	0.06026316	0.06201754	30.93	43.754162	44.2386161	-1%	0%	44.18470693
238	1.5	54	1803085.68	92263.9805	200	ertical transe	84687.9902	0.04697946	0.04838002	32.88	42.8698998	43.2337214	-1%	0%	43.26969033
109	1.5	57	920085.308	54160.2992	200	ertical transe	45719.1496	0.04970063	0.05275873	32.73	43.3821482	44.1984937	0%	2%	43.23095974
230	1.5	41	1004494.21	65314.7322	200	ertical transe	60947.3661	0.06068929	0.06213856	30.83	43.7292714	44.1291888	-1%	0%	43.98848804
120	1.5	70	1527668.81	75861.1469	200	ertical transe	63130.5734	0.04133333	0.04411111	34.11	42.9986737	43.71513	0%	1%	43.0783762
245	1.5	44	1232319.51	74739.7511	200	ertical transe	69709.8755	0.05658163	0.05794218	31.36	43.3571641	43.7247247	-1%	0%	43.94327333
124	1.5	54	939422.789	55327.9805	200	ertical transe	47751.9902	0.05084229	0.05353047	32.49	43.3639613	44.0824549	1%	3%	42.95834783
212	1.5	61	2049497.62	96926.8832	200	ertical transe	87259.4416	0.04258583	0.04415816	33.66	42.7480613	43.1505378	0%	1%	42.85032917
104	1.5	60	972719.734	56146.1487	200	ertical transe	46793.0744	0.04811538	0.05132051	33.02	43.3484203	44.1999575	0%	2%	43.33637417
367	1.5	56	2990157.09	139607.134	200	ertical transe	131459.567	0.0439748	0.04488306	33.29	42.6295097	42.8615989	-1%	0%	42.86489596
141	1.5	53	1029017.45	59433.9922	200	ertical transe	52135.9961	0.0506771	0.05304117	32.46	43.2803742	43.9097923	0%	2%	43.06936041
54	1.5	54	454559.414	34591.9805	200	ertical transe	27015.9902	0.05944444	0.065	31.61	44.4877865	46.0716297	3%	6%	43.30002998
234	1.5	40	972719.734	64473.8439	200	ertical transe	60316.9219	0.0620235	0.06344801	30.64	43.8254782	44.2209588	-1%	0%	44.33674076
290	1.5	57	2447933.39	116062.299	200	ertical transe	107621.15	0.04397459	0.04512402	33.34	42.6934852	42.9879528	0%	0%	42.87573801
234	2	50	1519874.58	83190.3811	200	ertical transe	70200	0.04628547	0.0504735	32.67	42.4186333	43.5064468	-3%	0%	43.5063187
88	2	44	442629.048	33691.7511	200	ertical transe	23232	0.05272727	0.06382964	31.78	42.9073501	45.98695	-2%	5%	43.59159118
141	2	46	775151.826	49811.0585	200	ertical transe	38916	0.05035924	0.05780959	31.88	42.4029147	44.2754414	-4%	1%	43.94313415
82	2	48	49849.342	35587.9352	200	ertical transe	23616	0.04836889	0.06032012	32.45	42.6654493	45.9207565	-2%	5%	43.64743115
80	2	57	675291.969	44242.2992	200	ertical transe	27380	0.04077632	0.05302632	33.7	42.3419558	45.5830345	-3%	6%	42.88894838
102	2	42	467466.657	34870.0129	200	ertical transe	25704	0.05519608	0.06480392	31.41	43.0560521	45.7231861	-3%	3%	44.22838547
281	2	40	1168095.06	75753.8439	200	ertical transe	67440	0.05782117	0.06130872	30.8	42.9116375	43.8568242	-3%	-1%	44.17967581
156	2	39	616461.131	44407.3478	200	ertical transe	36504	0.05935897	0.06564103	30.82	43.3528009	45.1035849	-2%	2%	44.41126545
2	2	62	818934.406	50478.0099	200	ertical transe	30504	0.03750197	0.04945319	34.29	42.2604493	45.381679	-2%	6%	42.97084846
81	2	55	363593.624	42448.3611	200	ertical transe	26730	0.04224691	0.05434568	33.46	42.4085451	45.6265241	-1%	6%	42.89887798
189	2	58	1651846.46	83251.8567	200	ertical transe	65772	0.03993341	0.04511859	33.78	42.2315933	43.5538649	-2%	1%	42.93283374
2	2	61	444702.313	36170.8832	200	ertical transe	16836	0.03830364	0.05960798	34.19	42.3359125	48.1680479	-1%	12%	42.82506997
291	2	56	2370942	114071.134	200	ertical transe	97776	0.04131873	0.04486643	33.15	42.2386651	43.0941164	-2%	0%	43.00914757
194	2	46	1066520.68	64539.0585	200	ertical transe	53544	0.05032048	0.05537203	32.11	42.7209244	44.063395	-2%	1%	43.46432798
215	2	52	1510417.59	81130.3962	200	ertical transe	67080	0.0445161	0.04907424	32.67	41.9710923	43.1384602	-3%	0%	43.33444955
188	2	55	1477525.94	77758.3611	200	ertical transe	62040	0.04210638	0.04731915	33.29	42.1578756	43.48933893	-3%	0%	43.50556478
44	2	57	371410.583	31930.2992	200	ertical transe	15048	0.04098086	0.06325359	33.7	42.3932414	48.5775755	-2%	12%	43.34968056
83	2	53	605733.674	40989.9922	200	ertical transe	26394	0.04382587	0.0556331	33.19	42.4636906	45.6188949	-2%	6%	43.11333506
291	2	55	2287021.54	111748.361	200	ertical transe	96030	0.04206873	0.04543643	33.45	42.351026	43.2106041	-1%	1%	42.92089748
145	2	57	1223966.69	66472.2992	200	ertical transe	49590	0.04066425	0.04742287	33.7	42.3138956	44.056593	-2%	2%	42.99248996
204	2	66	2308712.88	103418.44	200	ertical transe	80784	0.03509804	0.03990196	34.29	41.6710724	42.8612375	-3%	0%	42.96350078
94	2	42	430802.605	32854.0129	200	ertical transe	23688	0.05521277	0.0656383	31.39	43.0330651	45.9369552	-2%	5%	43.90299355
319	2	49	1989915.93	106261.962	200	ertical transe	93786	0.04720555	0.05027765	32.39	42.2885784	43.0822319	-2%	0%	43.26883716
109	2	52	765746.59	48058.3962	200	ertical transe	34008	0.04460656	0.05399739	32.81	42.1737593	44.5349202	-2%	3%	43.21576971
272	2	59	2459941.7	114375.807	200	ertical transe	96288	0.03922607	0.04282901	33.94	42.2550251	43.1660593	-1%	1%	42.82542257
238	1.5	46	1308411.96	76683.0585	0	ertical transe	71185.5293	0.05441907	0.05581963	31.21	42.5776139	42.9468836	-1%	0%	43.04879263
162	1.5	42	742447.043	49990.0129	0	ertical transe	45407.0064	0.06117284	0.06323045	30.32	43.136526	43.6990172	0%	1%	43.29280723
149	1.5	67	1737751.85	83223.5282	0	ertical transe	71560.7641	0.04118902	0.04342616	33.5	42.1936255	42.7582514	-1%	0%	42.55244573
204	1.5	60	1908027.17	92146.1487	0	ertical transe	82793.0744	0.04340196	0.04503595	33.02	42.1395176	42.5529004	-1%	1%	42.12027456
214	1.5	51	1446125.59	78999.1925	0	ertical transe	72241.5962	0.04996701	0.05152465	31.94	42.4035655	42.8075572	0%	1%	42.47247985
284	1.5	57	2397286.49	114010.299	0	ertical transe	105569.15	0.04404744	0.04522115	32.83	42.0586963	42.3550078	0%	0%	42.24178584
235	1.5	42	1077006.51	68386.0129	0	ertical transe	63803.0064	0.05925532	0.06067376	30.46	42.8186938	43.2002579	-1%	0%	43.41206585
135	1.5	42	618705.869	43186.0129	0	ertical transe	38603.0064	0.06240741	0.06487654	30.42	43.3006745	43.9820686	0%	1%	43.48076654
78	1.5	55	613016.082	41458.3611	0	ertical transe	33599.1805	0.05482051	0.05909402	31.6	43.216343	44.3765442	1%	4%	42.72519245
41	1.5	49	255757.22	24529.962	0	ertical transe	18291.981	0.0715331	0.07966318	29.66	45.0790469	47.5479696	6%	12%	42.58095976
119	1.5	61	1150425.55	62888.8832	0	ertical transe	53221.4416	0.04627221	0.04907333	32.74	42.5061347	43.2306532	0%	2%	42.49228992
197	1.5	42	902852.268	58810.0129	0	ertical transe	54227.0064	0.06007614	0.06176819	30.43	42.9964996	43.4552588	-1%	0%	43.40675644
222	1.5	54	1681869.83	87079.9805	0	ertical transe	79503.9902	0.04728228	0.04878378	32.35	42.2558886	42.6408555	-1%	0%	42.60522948
47	1.5	57	396734.032	32956.2992	0	ertical transe	24515.1496	0.06180291	0.06889511	30.94	44.1932078	46.2310398	4%	9%	42.56040653
147	1.5	41	205266.207	20296.7322	0	ertical transe	15929.3661	0.07761806	0.08471026	28.77	45.390234	47.5901488	5%	10%	43.22833483
140	1.5	70	1782280.28	84261.1469	0	ertical transe	71530.5734	0.04014286	0.04252381	33.82	42.208744	42.8084702	0%	1%	42.40725512
114	1.5	44	573405.812	40155.7511	0	ertical transe	35125.8755	0.06127193	0.06419591	30.43	43.3199643	44.1261877	0%	2%	43.1934364
407	1.5	54	3083428.02	147019.98	0	ertical transe	139443.99	0.04523478	0.04605378	32.53	41.9713956	42.1781076	-1%	0%	42.30409337
113	1.5	61	1092420.9	60692.8832	0	ertical transe	51025.4416	0.04671841	0.04966826	32.69	42.552492	43.3206201	1%	3%	42.19914717
70	1.5	60	654715.205	43906.1487	0	ertical transe	34553.0744	0.05278571	0.05754762	32	43.2198445	44.5078166	1%	4%	42.66703586
394	1.5	56	3210141.4	148679.134	0	ertical transe	140531.567	0.04378807	0.04463409	32.81	41.9680468	42.1807047	-1%	0%	42.21719784
277	1.5	53	2021544.91	102681.992	0	ertical transe	95383.9961	0.04719501	0.04839838	32.32	42.1945064	42.5020997	0%	0%	42.39640165
129	1.5	54	712143.082	45607.9805	0	ertical transe	38031.9902	0.05341608	0.05696217	31.71	42.993962	43.9445489	1%	3%	42.62159633
94	1.5	50	536242.93												

131	2	57	1105790.6	61684.2992	0	critical transe	44802	0.04067899	0.0481599	33.12	41.5892703	43.4913962	-3%	2%	42.67502885
197	2	53	1437705.23	77241.9922	0	critical transe	62646	0.04368643	0.04866105	32.69	41.7892026	43.0570181	-2%	1%	42.45208759
370	2	55	2907896.8	137818.361	0	critical transe	122100	0.04205405	0.0447202	32.72	41.4231639	42.0822679	-2%	0%	42.25676951
268	2	57	2262228.1	108538.299	0	critical transe	91656	0.04060094	0.04425766	33.19	41.6579385	42.5733189	-2%	1%	42.34246744
131	2	66	1482555.82	74510.44	0	critical transe	51876	0.03515267	0.04263359	33.67	40.930634	42.7729069	-3%	1%	42.30369509
169	2	42	774528.08	51754.0129	0	critical transe	42588	0.05511834	0.06091716	30.92	42.3640602	43.9196341	-2%	2%	43.14849982
252	2	49	1571971.21	86563.962	0	critical transe	74088	0.04722222	0.05111111	32.12	41.9402773	42.9403864	-2%	1%	42.58095976
162	2	52	1138082.09	64594.3962	0	critical transe	50544	0.04454653	0.05059592	32.54	41.816898	43.3656105	-2%	2%	42.53594113
106	2	59	958653.749	55611.8066	0	critical transe	37524	0.03934122	0.0485865	33.44	41.6607819	44.0250063	-1%	4%	42.17169717
149	1.5	46	819131.86	52119.0585	1600eU	transact (vari	46621.5293	0.0569288	0.05916594	68.1	94.3552205	95.6771608	0%	1%	94.61807281
157	1.5	42	719532.011	48730.0129	1600eU	transact (vari	44147.0064	0.06136943	0.06349257	65.51	93.3172845	94.5740237	0%	1%	93.5508344
121	1.5	67	1411194.46	71967.5282	1600eU	transact (vari	60304.7641	0.04274207	0.0454969	53.27	67.7143886	68.8376713	1%	2%	67.34546733
180	1.5	60	1683553.38	83506.1487	1600eU	transact (vari	74153.0744	0.04405556	0.04590741	52.15	92.4361058	93.4667131	0%	1%	92.24390186
377	1.5	51	2547613.78	128877.192	1600eU	transact (vari	122119.596	0.04794664	0.04883081	58.3	76.4579851	76.8678198	-1%	0%	77.1913394
163	1.5	57	1375907.39	72628.2992	1600eU	transact (vari	64187.1496	0.04666129	0.04870627	71.71	93.3185723	94.4771965	0%	2%	93.05593322
149	1.5	42	682867.959	46714.0129	1600eU	transact (vari	42131.0064	0.06171141	0.06394855	63.46	90.5915385	91.8790817	0%	1%	90.87198635
221	1.5	42	1012844.42	64858.0129	1600eU	transact (vari	60275.0064	0.05952489	0.06103318	39.43	55.5214673	56.0482113	-1%	0%	56.23006597
70	1.5	55	550142.638	38818.3611	1600eU	transact (vari	30959.1805	0.05628571	0.06104762	65.33	90.1575656	92.672579	1%	4%	89.3842257
326	1.5	49	2033581.8	108319.962	1600eU	transact (vari	102081.981	0.05021034	0.05123294	68.55	91.1419222	91.7109709	-1%	0%	91.62283371
155	1.5	61	1498453.45	76064.8832	1600eU	transact (vari	66397.4416	0.04432047	0.0464711	71.31	91.5046592	92.6921253	0%	1%	91.83118706
159	1.5	42	72698.023	49234.0129	1600eU	transact (vari	44651.0064	0.06128931	0.06338574	64.4	91.689197	92.908004	0%	1%	92.0861907
158	1.5	54	119700.46	66343.9805	1600eU	transact (vari	58767.9902	0.04910369	0.05121266	69.97	92.400928	93.615391	0%	1%	92.53944029
65	1.5	57	548674.725	39112.2992	1600eU	transact (vari	30671.1496	0.05591093	0.06103914	64.75	99.1508806	92.0438155	1%	4%	88.30316503
163	1.5	41	711880.676	48832.7322	1600eU	transact (vari	44465.3661	0.06247643	0.06452142	40.63	58.2794893	59.0376598	0%	1%	58.27259411
169	1.5	70	2138736.34	96021.1469	1600eU	transact (vari	83290.5734	0.03895238	0.04093651	57.92	71.9941866	72.842294	1%	2%	71.37982547
326	1.5	44	1151841.5	70515.7511	1600eU	transact (vari	65495.8755	0.05686681	0.05832242	65.1	90.1643205	90.9831537	-1%	0%	90.8155275
348	1.5	54	2621292.62	127255.98	1600eU	transact (vari	119679.99	0.04566795	0.04663134	71.07	91.9356246	92.4692473	0%	0%	92.35462283
403	1.5	61	3170920.84	139382.883	1600eU	transact (vari	129715.442	0.04091763	0.04193389	67.18	84.4779411	84.9883262	0%	0%	84.58963832
69	1.5	60	645362.131	43546.1487	1600eU	transact (vari	34193.0744	0.05299275	0.05782367	64.14	86.7391224	89.3839461	0%	3%	86.43687718
403	1.5	56	3283469.5	151703.134	1600eU	transact (vari	143555.567	0.04373139	0.04455852	55.32	70.7372329	71.0875784	0%	1%	70.63839106
366	1.5	53	2671066.56	130983.992	1600eU	transact (vari	123885.996	0.04631715	0.04722789	47.45	61.6228646	61.9615981	-1%	0%	62.1388787
234	1.5	54	1772781.71	90967.9805	1600eU	transact (vari	83391.9902	0.04705128	0.04847578	71.64	93.4467413	94.2536012	-1%	0%	94.26238599
120	1.5	40	498830.633	37113.8439	1600eU	transact (vari	32956.9219	0.06608333	0.06886111	64.33	94.4086301	96.1011886	0%	2%	94.24047688
403	1.5	57	3401783.29	154708.299	1600eU	transact (vari	146267.15	0.04300771	0.04383484	71.59	91.1477392	91.598245	-1%	0%	92.00415438
238	1.5	50	1545855.35	84390.3811	1600eU	transact (vari	77895.1905	0.05040168	0.05180224	68.98	91.8200159	92.6070338	-1%	0%	92.57315307
130	1.5	44	653883.821	44379.7511	1600eU	transact (vari	39349.8755	0.06019231	0.06275641	67.46	95.3880411	96.9371533	0%	1%	95.52800484
124	1.5	46	681693.629	45219.0585	1600eU	transact (vari	39721.5293	0.05828191	0.06097008	68.26	95.3750619	96.9905503	0%	1%	95.82199455
185	1.5	48	1107404	65251.9352	1600eU	transact (vari	59265.9676	0.05353041	0.05533221	51.2	69.4679389	70.2424093	0%	1%	69.32052726
164	1.5	57	1384348.54	72970.2992	1600eU	transact (vari	64529.1496	0.04662388	0.04868564	70.88	92.2174679	93.3552409	0%	1%	92.0200074
112	1.5	42	513296.721	37390.0129	1600eU	transact (vari	32807.0064	0.06392857	0.06690476	56.23	81.4008596	82.9557196	0%	2%	81.38398304
242	1.5	40	1005975.11	66393.8439	1600eU	transact (vari	62236.9219	0.06188223	0.06325964	59.39	84.8725835	85.6126888	0%	0%	85.1937423
128	1.5	39	505814.261	37855.3478	1600eU	transact (vari	33903.6739	0.06704327	0.06964744	59.83	88.3451993	89.8332636	0%	2%	88.27832815
151	1.5	62	1508037.75	76146.0099	1600eU	transact (vari	66159.005	0.04388058	0.04608809	73.17	93.6449749	94.8909173	0%	1%	93.69497146
340	1.5	55	2672121.38	127918.361	1600eU	transact (vari	120059.181	0.04494118	0.04592157	67.56	87.015053	87.5279893	0%	0%	87.17636491
350	1.5	58	3058974.93	139279.857	1600eU	transact (vari	130539.928	0.04268473	0.04363711	72.78	92.4842809	93.0104027	-1%	0%	93.4362954
266	1.5	61	2571539.46	116690.883	1600eU	transact (vari	107023.442	0.04162825	0.04288138	71.43	90.201363	90.8754142	0%	0%	90.46792505
142	1.5	56	1156954.51	64007.134	1600eU	transact (vari	55859.567	0.04829225	0.05063967	52.45	68.9300178	69.9184341	1%	1%	69.09149224
157	1.5	46	313359.168	26727.0585	1600eU	transact (vari	21229.5293	0.06776125	0.0736092	66.24	98.2601635	102.043283	4%	8%	94.84912034
191	1.5	52	1341812.83	73642.3962	1600eU	transact (vari	66617.1981	0.04965868	0.05140388	68.94	91.3539212	92.3290456	0%	1%	91.72244211
108	1.5	55	848791.498	51358.3611	1600eU	transact (vari	43499.1805	0.05125926	0.05434568	66.44	88.9024499	90.5988527	0%	2%	88.94109999
212	1.5	57	1789523.72	89386.2992	1600eU	transact (vari	80945.1496	0.0452433	0.04681562	66.93	86.3590065	87.1782692	-1%	0%	86.93643589
153	1.5	53	1116593.4	63249.9922	1600eU	transact (vari	55951.9961	0.05012085	0.0522995	70.07	93.1117596	94.356577	0%	2%	92.9315222
124	1.5	55	974538.387	56638.3611	1600eU	transact (vari	48779.1805	0.05006452	0.05275269	67.55	93.6514364	95.1996127	1%	3%	92.87386351
270	1.5	57	2279110.39	109222.299	1600eU	transact (vari	100781.15	0.04423002	0.04546459	70.88	89.6209083	90.285557	0%	0%	89.97566008
79	1.5	66	894060.378	53918.44	1600eU	transact (vari	42601.22	0.04765823	0.05187764	70.68	92.5325631	94.9332493	1%	4%	91.57349047
118	1.5	42	540794.76	38902.0129	1600eU	transact (vari	34319.0064	0.06347458	0.06629944	62.54	90.2752073	91.908441	0%	2%	89.86982907
148	1.5	49	923221.186	55987.962	1600eU	transact (vari	49749.981	0.05389961	0.05615187	69.01	93.8454459	95.1573935	0%	2%	93.52449482
104	1.5	52	730620.6	46498.3962	1600eU	transact (vari	39473.1981	0.05403846	0.05724359	69.42	94.4840233	96.3727529	1%	3%	93.64366206
325	1.5	59	2939268.57	133137.807	1600eU	transact (vari	124093.903	0.04222947	0.04325511	55.56	70.4119775	70.8429433	0%	1%	70.1412095
225	1.5	46	1236944.08	73095.0585	1600eU	transact (vari	67597.5293	0.05466184	0.05614332	52.29	71.442254	72.0983737	0%	1%	71.3296321
264	1.5	42	1209913.7	75694.0129	1600eU	transact (vari	71111.0064	0.05878788	0.06005051	49.57	69.4794337	70.0294004	-1%	0%	70.07673861
111	1.5	67	1294566.82	67947.5282	1600eU	transact (vari	56284.7641	0.04348662	0.04468962	59.34	75.7668464	77.1415	0%	2%	75.60313834
357	1.5	60	3339047.55	147226.149	1600eU	transact (vari	137873.074	0.04130112	0.04223483	59.8	75.368805	75.7874748	0%	1%	75.14104048
238	1.5	51	1608307.9	86343.1925	1600eU	transact (vari	79585.5962	0.0494958	0.05089636	55.17	73.0345405	73.6588965	0%	1%	72.94128832
291	1.5	57	2456374.54	116404.299	1600eU	transact (vari	107963.15	0.04396274	0.04510822	58.28	74.6250841	75.1379966	0%	1%	74.43708635
183	1.5	42	838690.178	55282.0129	1600eU	transact (vari	50699.0064	0.06046448	0.06228597	49.51	70				

238	2	44	1197110.38	72891.7511	1600eU	transect (vari	62832	0.05258403	0.05670168	50.62	68.2840302	70.0373739	-3%	-1%	70.69570666
149	2	46	819131.86	52119.0585	1600eU	transect (vari	41124	0.05035162	0.0569288	53.65	71.392449	74.3341956	0%	4%	71.20306687
251	4	48	1502477.87	84259.9352	1600eU	transect (vari	72288	0.04820468	0.05210906	52.78	69.3266024	70.9912481	-4%	-1%	71.89636813
264	2	52	2228463.5	107170.299	1600eU	transect (vari	90288	0.04060207	0.04431419	59.64	74.856766	76.5269857	1%	3%	74.43907526
59	2	47	270397.38	24034.0129	1600eU	transect (vari	14868	0.05533898	0.07194915	51.3	70.3827872	78.1793303	0%	12%	70.03790023
54	2	40	224473.785	21273.8439	1600eU	transect (vari	12960	0.05812037	0.07626852	48.82	68.1443837	76.5276643	-2%	10%	69.39200889
235	2	39	928643.371	62893.3478	1600eU	transect (vari	54990	0.05931588	0.06348609	48.71	68.4992481	70.3172787	-1%	2%	69.01710915
76	2	62	759012.377	48246.0099	1600eU	transect (vari	28272	0.03752122	0.05041596	61.87	76.2598177	82.3630825	1%	9%	75.24063564
55	2	55	1516821.84	79408.3611	1600eU	transect (vari	63690	0.04210363	0.04718135	58.85	74.5253943	76.8237075	1%	4%	74.02592923
144	2	58	1258459.69	67591.8567	1600eU	transect (vari	50112	0.03996648	0.04677203	60.05	75.0888757	78.1972292	0%	5%	74.5995131
352	2	61	3402939.44	148166.883	1600eU	transect (vari	128832	0.03792567	0.04070976	60.64	74.9212702	76.1604003	1%	1%	75.26251135
121	2	56	985855.607	56951.134	1600eU	transect (vari	40656	0.04141529	0.04951446	59.32	74.8144377	78.5372387	1%	6%	74.13796359
96	2	46	527782.809	37491.0585	1600eU	transect (vari	26496	0.05042572	0.06063406	53.95	71.8240216	76.4961942	1%	7%	71.45970026
74	2	52	519864.658	37138.3962	1600eU	transect (vari	23088	0.04469335	0.05793659	57.35	73.7555926	79.9593708	1%	9%	73.03724577
185	2	55	1453948.4	76768.3611	1600eU	transect (vari	61050	0.04210811	0.04740541	57.52	72.8430715	75.1889745	-1%	2%	73.4786496
184	2	57	1553171.53	79810.2992	1600eU	transect (vari	62928	0.04063501	0.0459611	58.72	73.163912	76.0934656	0%	3%	73.98680607
66	2	53	481867.741	35583.9922	1600eU	transect (vari	20988	0.04388794	0.05873642	57.41	73.4782671	80.4425112	0%	10%	73.41169414
131	2	55	1029552.65	58948.3611	1600eU	transect (vari	43230	0.04215267	0.04963359	57.95	73.4070471	76.7788851	-1%	4%	74.00469604
69	2	57	582439.323	40480.2992	1600eU	transect (vari	23598	0.04081617	0.05501907	59.69	75.0144624	81.7323302	1%	10%	74.33657623
67	2	66	645081.539	45206.44	1600eU	transect (vari	22572	0.03535088	0.05254386	61.19	74.4710093	82.5221783	-2%	9%	75.8649649
67	2	42	307061.431	26050.0129	1600eU	transect (vari	16898	0.05523851	0.06922537	51.31	70.378308	87.1181795	0%	10%	70.09673808
187	2	49	1166502.44	67453.9362	1600eU	transect (vari	54978	0.04724861	0.05249045	55.73	72.7802897	75.1341438	1%	4%	72.35620479
170	2	52	1194282.67	67090.3962	1600eU	transect (vari	53040	0.04454072	0.05030543	56.56	72.6732335	75.2436727	-1%	3%	73.11489724
75	2	59	678292.747	44637.8066	1600eU	transect (vari	26550	0.03941921	0.05248588	60.65	75.5947345	81.764907	0%	9%	74.88642146
149	1.5	46	819131.86	52119.0585	1400eU	transect (vari	48621.5293	0.0569288	0.05916594	64.97	90.0183922	91.2795862	0%	1%	90.21130197
157	1.5	42	719532.011	48730.0129	1400eU	transect (vari	44147.0064	0.06136943	0.06349257	63.07	89.8410771	91.0509808	0%	1%	90.02498012
121	1.5	67	1411194.46	71967.5282	1400eU	transect (vari	60304.7641	0.04274207	0.0454969	43.17	54.8764505	55.7868235	0%	2%	54.8605505
180	1.5	60	1683553.38	83506.1487	1400eU	transect (vari	74153.0744	0.04405556	0.04590741	68.57	87.8498249	88.8293119	0%	1%	87.75816174
377	1.5	51	2547613.78	128877.192	1400eU	transect (vari	122119.596	0.04794664	0.04883081	60.71	79.6193532	80.0461495	-1%	0%	80.38958073
163	1.5	57	1375907.39	72628.2992	1400eU	transect (vari	64187.1496	0.04666129	0.04870627	68.89	89.6488933	90.7619596	0%	1%	89.48737942
149	1.5	42	682867.959	46714.0129	1400eU	transect (vari	42131.0064	0.06171141	0.06394855	52.51	74.9591324	76.0244605	0%	1%	74.98397978
221	1.5	42	1012844.42	64858.0129	1400eU	transect (vari	60275.0064	0.05952489	0.06103318	51.14	72.0104282	72.6936091	-1%	0%	72.76671292
70	1.5	55	550142.638	38818.3611	1400eU	transect (vari	30959.1805	0.05628571	0.06104762	66.36	91.5792705	94.3371249	1%	4%	90.65128452
326	1.5	49	2033581.8	108319.962	1400eU	transect (vari	102081.981	0.05021034	0.05123284	55.62	73.9505492	74.4122617	0%	1%	73.89976954
155	1.5	61	1498453.45	76064.8832	1400eU	transect (vari	66397.4416	0.04432047	0.046471	64.33	82.5477412	83.6187688	0%	1%	82.53354866
159	1.5	42	728698.023	49234.0129	1400eU	transect (vari	44651.0064	0.06128931	0.06338574	43.65	62.1454537	62.9714969	0%	1%	62.14835346
158	1.5	54	1197006.46	66343.9805	1400eU	transect (vari	58767.9902	0.04910689	0.0512166	67.87	89.6359638	90.7926422	0%	1%	89.79587927
65	1.5	57	548674.725	39112.2992	1400eU	transect (vari	30671.1496	0.05591093	0.06103914	61.4	84.5378325	87.2810071	0%	4%	84.27930827
163	1.5	41	711880.676	48832.7322	1400eU	transect (vari	44465.3661	0.06247643	0.06452142	60.8	87.2131545	88.3478136	0%	1%	87.21718701
168	1.5	70	2138736.34	96021.1469	1400eU	transect (vari	83290.5734	0.03895238	0.04093651	72.31	89.8802282	90.9390008	0%	1%	90.32257792
229	1.5	44	1151841.5	70515.7511	1400eU	transect (vari	65485.8755	0.05866681	0.05832242	65.02	90.0535748	90.871404	-1%	0%	90.7024038
326	1.5	54	2621292.62	127255.98	1400eU	transect (vari	119679.99	0.04566795	0.04663134	70.52	91.2243597	91.7538591	0%	0%	91.60899414
328	1.5	61	3170920.84	139382.883	1400eU	transect (vari	129715.442	0.04091763	0.04193389	64.85	81.5481182	82.0408057	0%	1%	81.56369274
69	1.5	60	645362.131	43546.1487	1400eU	transect (vari	34193.0744	0.05299275	0.05782367	68.07	92.0533351	94.8389199	1%	4%	91.21370478
403	1.5	56	3283469.5	151703.134	1400eU	transect (vari	143555.567	0.04373139	0.04455852	49.16	62.861727	63.1730932	0%	1%	62.81545352
366	1.5	53	2671066.56	130983.992	1400eU	transect (vari	123685.996	0.04631715	0.04722789	45.6	59.2182159	59.5436852	-1%	0%	59.72182893
274	1.5	54	1772781.71	90967.9805	1400eU	transect (vari	83391.9902	0.04705128	0.04847578	68.38	89.1944588	89.964604	-1%	0%	89.68632695
120	1.5	40	498830.633	37113.8439	1400eU	transect (vari	32956.9219	0.06608333	0.06886111	33.11	48.5871623	49.4580283	0%	2%	48.49723636
238	1.5	57	3401783.29	154708.299	1400eU	transect (vari	146267.15	0.04300771	0.04383484	60.86	77.486846	77.8698413	-1%	0%	78.16912983
238	1.5	50	1545855.35	84390.3811	1400eU	transect (vari	77895.1905	0.05040168	0.05180224	63.39	84.3788932	85.1021241	0%	0%	84.70100847
130	1.5	44	653883.821	44379.7511	1400eU	transect (vari	39349.8755	0.06019231	0.06275641	40.6	85.6880142	87.0795955	0%	2%	85.74259656
124	1.5	46	681693.629	45219.0585	1400eU	transect (vari	39721.5293	0.05828191	0.06097008	49.9	69.7212867	70.9022119	0%	2%	69.6637272
185	1.5	48	1107404	65251.9352	1400eU	transect (vari	59265.9676	0.05353041	0.05333221	64.87	88.0156136	88.9968755	0%	1%	88.35538633
164	1.5	57	1384348.54	72970.2992	1400eU	transect (vari	64529.1496	0.04662388	0.0486564	58.79	76.4881954	77.4319146	0%	1%	76.56086892
112	1.5	42	513296.721	37390.0129	1400eU	transect (vari	32807.0064	0.06392857	0.06690476	62.51	90.4916442	92.2201271	0%	2%	90.40539958
242	1.5	40	1005975.11	66393.8439	1400eU	transect (vari	62236.9219	0.06188223	0.06325964	62.73	89.6451778	90.4268877	-1%	0%	90.14565767
128	1.5	39	505814.261	37855.3478	1400eU	transect (vari	33903.6739	0.06704327	0.06964744	63.49	93.7491961	95.3282664	0%	2%	93.65270261
151	1.5	62	1508037.75	76146.0099	1400eU	transect (vari	66159.005	0.04388058	0.04608809	70.2	89.8439586	91.0393327	0%	1%	89.87598949
340	1.5	55	2672121.38	127918.361	1400eU	transect (vari	120059.181	0.04494118	0.04592157	70.89	91.3039041	91.8421204	0%	0%	91.63785984
350	1.5	58	3058974.93	139279.857	1400eU	transect (vari	130539.928	0.04268473	0.04363711	68.24	86.7151544	87.2084575	-1%	0%	87.5190318
266	1.5	61	2571539.46	116690.883	1400eU	transect (vari	107023.442	0.04162825	0.04288138	67.46	85.1885628	85.8251713	0%	1%	85.26825236
137	1.5	56	1156954.51	64007.134	1400eU	transect (vari	55859.567	0.04829225	0.05063967	46.81	61.5173676	62.3994606	0%	1%	61.67061079
53	1.5	46	313399.168	26727.0585	1400eU	transect (vari	21229.5293	0.06776125	0.0736092	56.79	84.242813	87.4863306	1%	5%	83.38200918
191	1.5	52	1341812.83	73642.3962	1400eU	transect (vari	66617.1981	0.04965868	0.05140388	69.43	92.003075	92.9851224	0%	1%	92.39247046
218	1.5	55	848791.498	51358.3611	1400eU	transect (vari	43499.1805	0.05125926	0.05434568	63.89	85.4904683	87.1217747	0%	2%	85.49775256
102	1.5	57	1789523.72	89386.2992	1400eU	transect (vari	80945.1496	0.0452433	0.04681562	46.05	59.4186068	59.9823263	-1		

98	1.5	42	449134.631	33862.0129	1400eU	transect (vari	29279.0064	0.06520408	0.06860544	40.95	59.7621093	61.0744239	0%	2%	59.80134284
176	1.5	54	1333374.28	12175.9805	1400eU	transect (vari	64599.9902	0.0484596	0.05035354	48.72	64.0924785	64.832817	0%	2%	63.85486735
139	1.5	57	1173319.8	64420.2992	1400eU	transect (vari	55979.1496	0.0472056	0.05011864	49.47	64.7892237	65.7369317	0%	2%	64.67551428
159	1.5	41	694411.212	47848.7322	1400eU	transect (vari	43481.3661	0.06263077	0.06472721	41.42	59.4715388	60.2652903	0%	1%	59.47840231
209	1.5	70	2660689.85	113241.147	1400eU	transect (vari	100510.573	0.03778469	0.03937959	54.47	67.2425299	67.8760721	0%	0%	67.56796456
76	1.5	44	382270.541	30123.7511	1400eU	transect (vari	25093.8755	0.06565789	0.07004386	41.18	60.2714135	61.9884188	0%	2%	60.49627712
89	1.5	54	674263.131	43987.9805	1400eU	transect (vari	36411.9902	0.05401373	0.05775905	46.51	63.2923712	64.7743477	-1%	1%	64.20853269
191	1.5	61	1846481.34	89240.8832	1400eU	transect (vari	79573.4416	0.04310445	0.04484966	52.03	66.2821333	66.9763634	0%	-1%	66.20350332
205	1.5	60	1917390.24	92506.1487	1400eU	transect (vari	83153.0744	0.04337805	0.04500407	50.18	64.0296682	64.6546614	-2%	-1%	65.16205261
92	1.5	56	749576.164	47207.134	1400eU	transect (vari	39059.567	0.05211957	0.05574275	47.5	63.893534	65.331892	-2%	1%	64.8867579
132	1.5	53	963335.482	56571.9922	1400eU	transect (vari	49273.9961	0.05116066	0.05368592	47.5	63.5206853	64.509561	0%	1%	63.79912916
107	1.5	54	810630.955	49819.9805	1400eU	transect (vari	42243.9902	0.05212357	0.05523884	47.26	63.5722603	64.7999268	0%	2%	63.83927615
141	1.5	40	586125.993	42153.8439	1400eU	transect (vari	37996.9219	0.0648422	0.06720626	40.61	59.1298847	60.0269354	0%	2%	59.12539654
195	1.5	57	1646024.17	83572.2992	1400eU	transect (vari	75131.1496	0.04565452	0.04736392	50.35	65.1270963	65.8000383	0%	1%	65.15975369
68	2	50	441672.956	33390.3811	1400eU	transect (vari	20400	0.04649412	0.06090588	48.06	62.4792834	68.2609417	0%	9%	62.54033313
81	2	44	407419.919	31443.7511	1400eU	transect (vari	21384	0.05274691	0.06484568	45.05	60.8309826	65.5961621	1%	8%	60.48489246
103	2	46	566245.514	39423.0585	1400eU	transect (vari	28428	0.05041157	0.05992613	46.1	61.3679757	65.076554	0%	7%	61.06749946
218	2	48	1304940.93	7455.9352	1400eU	transect (vari	62784	0.04821674	0.05271216	46.81	61.4984811	63.1940593	-1%	2%	61.8694417
252	2	57	2127169.7	103066.299	1400eU	transect (vari	86184	0.04060568	0.04449457	52.36	65.7207223	67.258142	1%	3%	65.12448816
68	2	42	953265.339	61582.0129	1400eU	transect (vari	52416	0.05509519	0.05980769	42.91	58.7837369	60.5285847	-2%	1%	59.80359041
202	2	40	257729.16	23195.8439	1400eU	transect (vari	14680	0.0507258	0.07387903	42.4	59.1655702	65.4322428	0%	11%	59.12408292
180	2	39	750818.04	52363.3478	1400eU	transect (vari	44460	0.05539303	0.06449393	41.39	58.2127009	60.1322111	-1%	2%	58.7830809
193	2	62	1827821.31	86050.0099	1400eU	transect (vari	68076	0.03736735	0.04272255	54.29	66.8552598	69.0041633	0%	2%	66.23123014
233	2	55	1831189.07	92808.3611	1400eU	transect (vari	76890	0.04208584	0.04629195	51.51	65.2234075	68.8829973	1%	4%	64.56944521
62	2	58	541875.595	39055.8567	1400eU	transect (vari	21576	0.04015017	0.05595682	51.58	64.5676453	71.0373687	-1%	9%	65.3359435
287	2	61	2774555.73	124376.883	1400eU	transect (vari	105042	0.03793954	0.04135317	54.05	66.784309	68.142819	1%	3%	66.28414844
324	2	56	2639811.71	125159.134	1400eU	transect (vari	108864	0.04131173	0.04433642	50.85	64.0927196	65.2567759	-1%	1%	64.70933603
76	2	46	417812.224	31971.0585	1400eU	transect (vari	20976	0.05048055	0.06337529	46.34	61.7133499	66.8491443	1%	9%	61.3258155
113	2	52	793847.383	49306.3962	1400eU	transect (vari	35256	0.04460007	0.05327263	49.87	64.100816	67.5567092	1%	7%	63.26588066
124	2	55	974538.387	56638.3611	1400eU	transect (vari	40920	0.04216129	0.05006452	51.16	64.8092627	67.9602908	2%	6%	63.84496086
129	2	57	1089098.3	61000.2992	1400eU	transect (vari	44118	0.04068135	0.04827825	50.55	63.477266	66.4270243	-2%	3%	64.50199649
149	2	53	1087401.42	61977.9922	1400eU	transect (vari	47382	0.04371913	0.05029632	50.44	64.4924647	67.0983122	1%	5%	63.75748108
376	2	55	295051.88	139798.361	1400eU	transect (vari	124080	0.04205319	0.04465957	50.9	64.438516	65.4472759	0%	1%	64.53761162
205	2	57	1730435.67	86992.2992	1400eU	transect (vari	70110	0.04062388	0.04540436	52.41	65.7905597	67.6900604	1%	4%	64.98925229
240	2	66	2716132.79	117674.44	1400eU	transect (vari	95040	0.03508333	0.03916667	55	66.8332675	68.4506	0%	2%	67.09716247
191	2	42	875354.229	57298.0129	1400eU	transect (vari	48132	0.05510471	0.0602356	43.58	59.7047409	61.6384576	0%	3%	59.83277623
361	2	49	2251911.14	118609.962	1400eU	transect (vari	106134	0.04719826	0.04991294	46.79	61.0866198	62.0980382	-2%	-1%	62.42150199
252	2	52	1770349.92	92674.3962	1400eU	transect (vari	78624	0.04450244	0.04839133	48.9	62.8166148	64.3027244	-1%	1%	63.3706876
304	2	59	2749346.6	125703.807	1400eU	transect (vari	107616	0.03921833	0.04244202	53.39	66.4670872	67.7471273	1%	3%	65.75708404
149	1.5	46	819131.86	52119.0585	1200eU	transect (vari	46621.5293	0.0569288	0.05916594	35.45	49.1162482	49.8043274	0%	1%	49.19746633
157	1.5	42	719532.011	48730.0129	1200eU	transect (vari	44147.0064	0.06136943	0.06349257	33.65	47.9326764	48.5781679	0%	1%	48.03563127
141	1.5	67	1411194.46	71967.5282	1200eU	transect (vari	60304.7641	0.04274207	0.0454969	67.09	85.2831075	86.6979301	0%	2%	85.3358745
180	1.5	60	1683553.38	83506.1487	1200eU	transect (vari	74153.0744	0.04405556	0.04590741	61.78	79.1505081	80.0329932	0%	1%	79.19373414
151	1.5	51	2547613.78	128877.192	1200eU	transect (vari	122119.596	0.04794664	0.04883061	66.98	87.8411974	88.3120441	-1%	0%	88.71515943
163	1.5	57	1375907.39	72628.2992	1200eU	transect (vari	64187.1496	0.04666129	0.04870627	47.45	61.7483349	62.5149943	0%	1%	61.8692942
149	1.5	42	682867.959	46714.0129	1200eU	transect (vari	42131.0064	0.06171141	0.06394855	41.13	58.7141207	59.5485805	0%	1%	58.75155734
221	1.5	42	1012844.42	64858.0129	1200eU	transect (vari	60275.0064	0.05952489	0.06103318	59.9	84.3454141	85.14562	-1%	0%	85.28478106
70	1.5	55	550142.638	38818.3611	1200eU	transect (vari	30959.1805	0.05628571	0.06104762	54.14	74.7146634	76.964594	-1%	2%	75.11552943
326	1.5	49	2033581.8	108319.962	1200eU	transect (vari	102081.981	0.05021034	0.05123284	36.99	49.1818492	49.4889442	0%	0%	49.3531455
155	1.5	61	1498453.45	76064.8832	1200eU	transect (vari	66397.4416	0.04432047	0.0464711	69.5	89.1819794	90.3390913	0%	1%	89.40608347
159	1.5	42	728698.023	49234.0129	1200eU	transect (vari	44651.0064	0.06128931	0.06338574	48.94	69.6785042	70.6047412	0%	1%	69.69882236
158	1.5	54	1197006.46	66343.9805	1200eU	transect (vari	58767.9902	0.04910689	0.0512166	63.36	83.6790737	84.758857	0%	1%	83.72212155
65	1.5	57	548674.725	39112.2992	1200eU	transect (vari	30671.1496	0.05591093	0.06103914	61.91	85.2397953	88.005723	0%	4%	84.87078327
163	1.5	41	711880.676	48832.7322	1200eU	transect (vari	44465.3661	0.06247643	0.06452142	38.24	54.8529815	55.5666484	0%	1%	54.84649683
168	1.5	70	2138736.34	96021.1469	1200eU	transect (vari	83290.5734	0.03895238	0.04093651	62.19	77.3012406	78.211836	1%	2%	76.91286678
229	1.5	44	1151841.5	70515.7511	1200eU	transect (vari	65485.8755	0.05686681	0.05832242	67.57	78.9456171	79.662564	0%	1%	79.17167696
346	1.5	54	2621292.62	127255.98	1200eU	transect (vari	119679.99	0.04566795	0.04663134	63.16	81.7031473	82.1773378	0%	1%	81.74244009
328	1.5	61	3170920.84	139382.883	1200eU	transect (vari	129715.442	0.04091763	0.04193389	65.84	82.7928981	83.2931025	0%	1%	82.86591302
69	1.5	60	645362.131	43546.1487	1200eU	transect (vari	34193.0744	0.05299275	0.05782367	66.29	89.6462759	92.359032	1%	4%	89.04828333
403	1.5	56	3283469.5	151703.134	1200eU	transect (vari	143555.567	0.04373139	0.04455852	47.47	60.6996208	61.0002548	0%	1%	60.67685824
366	1.5	53	2671066.56	130983.992	1200eU	transect (vari	123685.996	0.04631715	0.04722789	67.03	87.0479435	87.5263624	-1%	0%	87.76154098
234	1.5	54	1772781.71	90967.9805	1200eU	transect (vari	83391.9902	0.04705128	0.04847578	50.77	66.1390457	66.7040777	0%	1%	66.02124227
120	1.5	40	498830.633	37113.8439	1200eU	transect (vari	32956.9219	0.06068333	0.06886111	31.94	46.8786349	47.7193069	0%	2%	46.79590198
403	1.5	57	3401783.29	154708.299	1200eU	transect (vari	146267.15	0.04300771	0.04383484	64.29	81.8530353	82.2575924	-1%	0%	82.57335324
138	1.5	50	1545855.35	84390.3811	1200eU	transect (vari	77895.1905	0.05040168	0.05180224	60.05	79.9334751	80.0186187	0%	1%	80.11978792
230	1.5	44	653883.821	44379.7511	1200eU	transect (vari	39349.8755	0.06019231	0.06275641	55.43	78.3779792	79.6508607	0%	2%	78.3967

118	1.5	42	540794.76	38902.0129	1200eU	transect (vari	34319.0064	0.06347458	0.06629944	40.89	59.0238386	60.0916793	0%	2%	58.97837373
148	1.5	49	923221.186	55987.962	1200eU	transect (vari	49749.981	0.05389961	0.05615187	34.62	47.0800285	47.7383038	0%	2%	46.96550781
104	1.5	52	730620.6	46498.3962	1200eU	transect (vari	39473.1981	0.05403846	0.05724359	54.58	74.2853376	75.7702465	0%	2%	74.47432163
325	1.5	59	2939268.57	133137.807	1200eU	transect (vari	124093.903	0.04222947	0.04325511	58.43	74.0490215	74.5022442	0%	1%	73.85833362
242	1.5	46	1330402.08	77787.0585	1200eU	transect (vari	72289.5293	0.05434962	0.05572703	39.51	53.8776958	54.3371035	-1%	0%	54.26072307
240	1.5	42	1099921.54	69646.0129	1200eU	transect (vari	65063.0064	0.05916667	0.06055556	37.79	53.0933512	53.5564319	0%	0%	53.3242422
41	1.5	67	478173.329	39807.5282	1200eU	transect (vari	28144.7641	0.05886786	0.06699794	40.71	57.0893324	60.0946984	-4%	1%	59.21903431
165	1.5	60	1543257.27	78106.1487	1200eU	transect (vari	68753.0744	0.04456061	0.04658081	45.31	58.2251721	58.9349286	0%	1%	58.44586358
126	1.5	51	851457.124	52071.1925	1200eU	transect (vari	45313.5962	0.05323063	0.05587613	41.01	55.5401453	56.4519907	0%	1%	55.70183132
91	1.5	57	768144.615	48004.2992	1200eU	transect (vari	39563.1496	0.05151533	0.05517833	42.36	56.7697247	58.0596865	-1%	1%	57.49899653
84	1.5	42	384972.541	30334.0129	1200eU	transect (vari	25751.0064	0.06690476	0.07087302	36.28	53.5234237	54.9055272	0%	3%	53.36486528
128	1.5	42	586624.824	41422.0129	1200eU	transect (vari	36839.0064	0.0628125	0.06541667	37.11	53.3442656	54.2312632	0%	2%	53.38247035
194	1.5	55	1524681.02	79738.3611	1200eU	transect (vari	71879.1805	0.04715464	0.04887285	43.38	56.6198165	57.210448	0%	1%	56.52686979
59	1.5	49	368040.878	29821.962	1200eU	transect (vari	23583.981	0.06409201	0.06974173	37.81	54.7917753	56.8048367	-1%	3%	55.11111865
63	1.5	61	609048.82	42392.8832	1200eU	transect (vari	32725.4416	0.05374187	0.05903287	41.96	57.005291	58.9028399	-2%	1%	58.14326162
182	1.5	52	834107.172	55030.0129	1200eU	transect (vari	50447.0064	0.06049451	0.06232601	37.58	53.2384511	53.8544752	0%	1%	53.3616415
113	1.5	44	856086.896	51763.9805	1200eU	transect (vari	44187.9902	0.05162734	0.05457719	41.95	56.2586932	57.2851611	0%	2%	56.39943665
121	1.5	57	1021379.1	58264.2992	1200eU	transect (vari	49823.1496	0.04879078	0.0515456	43.32	57.1029399	58.0670151	0%	2%	57.15479988
298	1.5	41	1301475.1	82042.7322	1200eU	transect (vari	77675.3661	0.05969717	0.06081574	37.47	52.818452	53.1895951	0%	0%	53.0672989
178	1.5	70	2260404.07	100221.147	1200eU	transect (vari	87490.5734	0.03861798	0.04049064	48.86	60.6129893	61.2859256	1%	2%	60.09699396
145	1.5	44	793331.954	48339.7511	1200eU	transect (vari	43309.8755	0.05939655	0.0616954	38.22	53.7745895	54.5547181	0%	1%	53.7931894
235	1.5	54	94698.779	55251.9805	1200eU	transect (vari	48075.9902	0.05077778	0.05344444	42.23	56.3416705	57.2574568	-1%	1%	56.63226805
205	1.5	61	2271848.779	105344.883	1200eU	transect (vari	95677.4416	0.04212417	0.04354261	46.43	58.8043544	59.3029187	0%	1%	58.58084333
40	1.5	60	374122.974	33106.1487	1200eU	transect (vari	23753.0744	0.0635	0.07183333	38.95	56.2327827	59.3138224	-2%	3%	57.68808846
350	1.5	56	2851648.45	133895.134	1200eU	transect (vari	125747.567	0.04410714	0.04505692	44.81	57.4268117	57.7548364	0%	1%	57.24387765
357	1.5	53	2605384.6	128121.992	1200eU	transect (vari	120823.996	0.04638603	0.04731973	43.15	56.0597076	56.375679	0%	0%	56.27782541
235	1.5	54	1780357.7	91291.9805	1200eU	transect (vari	83715.9902	0.0470331	0.04845154	43.24	56.3957831	56.8806179	0%	1%	56.37650001
245	1.5	40	997661.265	65913.8439	1200eU	transect (vari	61756.9219	0.06191667	0.06330556	36.76	52.5437981	53.0058738	-1%	0%	52.94397224
209	1.5	57	1764200.27	88360.2992	1200eU	transect (vari	79919.1496	0.045311	0.0469059	44.57	57.5321166	58.0859298	0%	1%	57.52505615
102	2	50	662509.434	43590.3811	1200eU	transect (vari	30600	0.04639608	0.05600392	42.73	55.5174059	58.8661195	0%	6%	55.29381192
152	2	44	764541.083	50187.7511	1200eU	transect (vari	40128	0.05263158	0.05907895	39.56	53.3801353	55.5497171	-1%	3%	53.79113648
175	2	46	982067.621	59295.0585	1200eU	transect (vari	48300	0.05033168	0.05593168	39.94	53.1420069	54.9979676	-2%	1%	54.2492835
204	2	48	1221137.39	70723.9352	1200eU	transect (vari	58752	0.04822304	0.05302696	40.97	53.8201217	55.4167449	-2%	1%	54.76244439
244	2	57	371410.583	31930.2992	1200eU	transect (vari	15048	0.04098086	0.06325359	40.21	50.582559	57.9615522	-12%	1%	57.49170151
55	2	42	252065.354	23026.0129	1200eU	transect (vari	13860	0.05536364	0.07318182	38.05	52.2119385	58.4530859	-2%	10%	53.38008182
200	2	40	831384.388	56313.8439	1200eU	transect (vari	48000	0.05785	0.06275	37.58	52.3671518	53.9985827	-1%	2%	52.89361542
253	2	39	999773.501	67105.3478	1200eU	transect (vari	59202	0.05930982	0.06318334	36.58	51.4392894	52.7056232	-3%	0%	52.76044556
56	2	62	559272.278	40806.0099	1200eU	transect (vari	20832	0.03761521	0.05511521	48.27	59.5295033	66.1343354	2%	13%	58.64637893
183	2	55	1438230.04	76108.3611	1200eU	transect (vari	60390	0.04210929	0.04746448	43.87	55.5571622	57.3664025	-2%	1%	56.94702481
51	2	58	445736.347	35227.8567	1200eU	transect (vari	17748	0.04021974	0.05943543	44.18	55.3270855	62.1752534	-4%	8%	57.72612133
64	2	61	618716.261	42758.8832	1200eU	transect (vari	23424	0.03818135	0.05349385	48.14	59.5667565	65.3017117	2%	11%	58.62956007
116	2	56	945117.772	55271.134	1200eU	transect (vari	38976	0.04142241	0.04987069	45.79	57.7528281	60.7552836	1%	6%	57.11948646
119	2	46	654205.982	43839.0585	1200eU	transect (vari	32844	0.05038546	0.05862075	40.8	54.3040327	57.127503	0%	5%	54.2719717
213	2	52	496367.19	80506.3962	1200eU	transect (vari	66456	0.04451697	0.04911791	43.38	55.7305017	57.2954276	0%	3%	55.86699218
69	2	55	542283.457	38488.3611	1200eU	transect (vari	22770	0.04228986	0.05649275	42.67	54.0954678	58.9614926	-4%	4%	56.4886046
217	2	57	1831729.47	91096.2992	1200eU	transect (vari	74214	0.04061848	0.04513461	43.92	55.1312573	56.6331943	-3%	-1%	57.02791364
289	2	53	2109120.87	106497.992	1200eU	transect (vari	91902	0.04365411	0.04704511	43.94	56.1597921	57.3129061	0%	2%	56.24570982
259	2	55	2035527.76	101188.361	1200eU	transect (vari	85470	0.04207722	0.045861	45.28	57.3318731	58.6417291	1%	3%	56.93269532
176	2	57	1485642.33	77074.2992	1200eU	transect (vari	60192	0.04063995	0.04620813	46.18	57.9755179	59.93212	1%	4%	57.38398872
175	2	66	1980513.5	91934.44	1200eU	transect (vari	69300	0.03511429	0.04071429	49.83	60.5618543	62.5853283	2%	5%	59.57283997
154	2	42	705782.991	47974.0129	1200eU	transect (vari	38808	0.05512987	0.06149351	38.07	52.1641139	54.2717007	-2%	2%	53.2843401
336	2	49	2095961.61	111259.962	1200eU	transect (vari	98784	0.04720238	0.05011905	41.49	54.1685576	55.1330507	-2%	0%	55.11111865
118	2	52	828973.373	50866.3962	1200eU	transect (vari	36816	0.04459257	0.05289765	41.48	53.313658	56.0621466	-5%	0%	55.93256314
359	2	59	3246761.28	145173.807	1200eU	transect (vari	127086	0.03920825	0.04193806	46.61	58.0229821	58.9671317	0%	1%	58.10465146
149	1.5	46	819131.86	52119.0585	1000eU	transect (vari	46621.5293	0.0569288	0.05916594	59.31	82.1766184	83.3279468	0%	1%	82.2350434
157	1.5	42	179532.011	87300.0129	1000eU	transect (vari	44147.0064	0.06136943	0.06349257	44.14	62.8766696	63.7234697	0%	1%	62.89785835
121	1.5	67	1411194.46	71967.5282	1000eU	transect (vari	60304.7641	0.04274207	0.0454969	41.06	52.1951491	53.0611047	0%	2%	52.10622205
180	1.5	60	1683553.38	83506.1487	1000eU	transect (vari	74153.0744	0.04405556	0.04590741	39.61	50.7466367	51.3124152	0%	1%	50.76057969
377	1.5	51	2547613.78	128877.192	1000eU	transect (vari	122119.596	0.04794664	0.04883081	56.43	74.0051641	74.4018427	-1%	0%	74.72622863
163	1.5	57	1375907.39	72628.2992	1000eU	transect (vari	64187.1496	0.04666129	0.04870627	45.79	59.5881616	60.3280027	0%	1%	59.68419231
149	1.5	42	682867.959	46714.0129	1000eU	transect (vari	42131.0064	0.06171141	0.06394855	41.14	58.7292205	59.5639037	0%	1%	58.78121181
221	1.5	42	1012844.42	64858.0129	1000eU	transect (vari	60275.0064	0.05952489	0.06103318	55.85	78.6421896	79.3882755	-1%	0%	79.48786446
70	1.5	55	550142.638	38818.3611	1000eU	transect (vari	30959.1805	0.05628571	0.06104762	39.11	53.9729472	55.982784	0%	3%	54.09979328
326	1.5	49	2033581.8	108319.962	1000eU	transect (vari	102081.981	0.05021034	0.05123284	61.57	81.8611517	82.3722466	0%	0%	81.99211926
155	1.5	61	1498453.45	76064.8832	1000eU	transect (vari	66397.4416	0.04432047	0.046471	55.62	71.3713893	72.2974216	0%	2%	71.14897735
159	1.5	42	728698.023	49234.0129	1000eU	transect (vari	44651.0064	0.06128931	0.06338574	54	76.8826801	77.9046816	0%	1%	76.9

242	1.5	40	1005975.11	66393.8439	1000eU	transect (vari	62236.9219	0.06188223	0.06325964	54.19	77.4409651	78.1162535	0%	1%	77.61210707
128	1.5	39	505814.261	37855.3478	1000eU	transect (vari	33903.6739	0.06704327	0.06964744	31.91	47.1192586	47.9129631	0%	2%	47.0482429
151	1.5	62	1508037.75	76146.0099	1000eU	transect (vari	66159.005	0.04388058	0.04608809	61.09	78.1848492	79.2251062	0%	1%	78.16263545
340	1.5	55	2672121.38	127918.361	1000eU	transect (vari	120059.181	0.04494118	0.04592157	57.01	73.4272851	73.8601313	0%	1%	73.32365725
350	1.5	58	3058974.93	139279.857	1000eU	transect (vari	130539.928	0.04268473	0.04363711	63.13	80.2218846	80.6782539	-1%	0%	80.93012809
266	1.5	61	2571539.46	116690.883	1000eU	transect (vari	107023.442	0.04162825	0.04288138	64.04	80.8693234	81.473639	0%	1%	80.83229516
142	1.5	56	1156954.51	64007.134	1000eU	transect (vari	55859.567	0.04829225	0.05063967	61.34	80.6126982	81.7686038	0%	1%	80.61920344
57	1.5	46	313359.168	26727.0585	1000eU	transect (vari	21229.5293	0.06776125	0.0736092	43.68	64.793934	67.2884804	0%	3%	65.05171388
191	1.5	52	1341812.83	73642.3962	1000eU	transect (vari	66617.1981	0.04965868	0.05140388	34.06	45.1341055	45.6158912	0%	1%	45.34563982
108	1.5	55	848791.498	51358.3611	1000eU	transect (vari	43499.1805	0.05125926	0.05343568	61.28	81.997682	83.5623135	0%	2%	82.00028797
212	1.5	57	1789523.72	89386.2992	1000eU	transect (vari	80945.1496	0.0452433	0.04681562	44.61	57.5606605	58.1067569	-1%	0%	57.94097751
153	1.5	53	1116593.4	63249.9922	1000eU	transect (vari	55951.9961	0.05012085	0.05229995	46.94	62.3753168	63.2091968	0%	1%	62.44346707
124	1.5	55	974538.387	56638.3611	1000eU	transect (vari	48779.1805	0.05006452	0.05275299	37.13	49.322781	50.1381294	0%	2%	49.22338314
270	1.5	57	2279110.39	109222.299	1000eU	transect (vari	100781.15	0.04423002	0.04546459	53.58	68.7168328	69.2264721	0%	1%	68.49869816
79	1.5	66	894060.378	53918.44	1000eU	transect (vari	42601.22	0.04765823	0.05187764	58.85	77.045191	79.0441134	-1%	2%	77.59085353
118	1.5	42	540794.76	38902.0129	1000eU	transect (vari	34319.0064	0.06347458	0.06629944	56.74	81.9029655	83.3847277	0%	2%	81.72696363
148	1.5	49	923221.186	59897.962	1000eU	transect (vari	49749.981	0.05389961	0.05615187	55.47	75.4326766	76.4872175	0%	1%	75.45085548
104	1.5	52	730620.6	46498.3962	1000eU	transect (vari	39473.1981	0.05403846	0.05724359	62.14	84.5748232	86.2654151	0%	2%	84.33852059
325	1.5	59	2939268.57	133137.807	1000eU	transect (vari	124093.903	0.04222947	0.04325511	66.04	83.6927585	84.2049926	0%	1%	83.75343511
210	1.5	46	115481.15	68955.0585	1000eU	transect (vari	63457.5293	0.0549793	0.0565666	35.52	48.6249092	49.1040529	-1%	0%	48.89182603
195	1.5	42	893686.255	58306.0129	1000eU	transect (vari	53723.0084	0.0612821	0.06183761	34.23	48.3815217	48.9031553	0%	1%	48.60946776
114	1.5	67	1829555.11	69153.5392	1000eU	transect (vari	57490.7641	0.04324954	0.04617932	40.48	51.6128517	52.5327003	0%	2%	51.52776037
100	1.5	60	1861261.8	90346.1487	1000eU	transect (vari	80983.0744	0.04352513	0.04520017	39.75	50.7654809	51.2782689	0%	1%	50.77372885
100	1.5	51	675759.623	44115.1925	1000eU	transect (vari	37357.5962	0.05529412	0.05862745	36.07	49.4737729	50.5067407	0%	2%	49.28365603
140	1.5	57	1181760.95	64782.2992	1000eU	transect (vari	56321.1496	0.04766917	0.05005013	38.34	50.1970631	50.9259138	0%	1%	50.23246299
197	1.5	42	902852.268	58810.0129	1000eU	transect (vari	54227.0064	0.06007614	0.06176819	34.23	48.3657634	48.881811	-1%	0%	48.69814022
225	1.5	42	1031176.45	65866.0129	1000eU	transect (vari	61283.0064	0.05944444	0.06092593	34.01	47.8655369	48.311413	-2%	-1%	48.75685689
144	1.5	55	1131722	63238.3611	1000eU	transect (vari	55379.1805	0.04894444	0.05125926	37.8	49.8730436	50.5794828	0%	1%	49.89939767
70	1.5	49	436658.669	33055.962	1000eU	transect (vari	26817.981	0.06142857	0.0619048	34.78	49.561331	51.0772271	1%	4%	49.04161219
217	1.5	61	2097834.82	98756.8832	1000eU	transect (vari	89089.4416	0.04247715	0.04401325	39.87	50.6020251	51.0672508	0%	1%	50.7781027
155	1.5	42	710365.998	48226.0129	1000eU	transect (vari	43643.0064	0.06145161	0.06360215	34.05	48.5281084	49.1903246	0%	1%	48.6933852
215	1.5	54	1628837.9	84811.9805	1000eU	transect (vari	77235.9902	0.04742894	0.04897933	37.99	49.6668029	50.1343186	0%	1%	49.7681174
83	1.5	57	700615.418	45268.2992	1000eU	transect (vari	36827.1496	0.05257451	0.05659057	37.19	50.1646592	51.4203509	0%	2%	50.18630576
318	1.5	41	1388822.42	68962.7322	1000eU	transect (vari	82595.3661	0.05948612	0.06053434	34.05	47.9343064	48.2496447	-1%	0%	48.44900965
65	1.5	70	827487.273	52761.1469	1000eU	transect (vari	40030.5734	0.04838462	0.05351282	39.2	51.5452853	53.1808284	-1%	2%	52.10685423
158	1.5	44	291732.782	25371.7511	1000eU	transect (vari	20341.8755	0.06974138	0.07548851	33.06	49.6684393	51.5584637	2%	6%	48.75354793
331	1.5	54	2507652.77	122395.96	1000eU	transect (vari	114819.99	0.04579893	0.04680598	38.39	49.7000297	50.0017482	0%	1%	49.73642404
81	1.5	61	783062.768	48980.8832	1000eU	transect (vari	39313.4416	0.05021453	0.05432976	38.08	50.6311214	51.9213352	-1%	2%	50.91987864
105	1.5	60	982072.808	56506.1487	1000eU	transect (vari	47153.0744	0.04802381	0.05119841	38.53	50.5539361	51.5371623	0%	2%	50.55472843
393	1.5	56	3201993.83	148343.134	1000eU	transect (vari	140195.567	0.04379453	0.04464271	39.07	49.9772867	50.2311801	0%	0%	50.06734264
338	1.5	53	2466722.67	122079.992	1000eU	transect (vari	114781.996	0.04654349	0.04752968	38.02	49.4416918	49.7362291	0%	0%	49.58782366
135	1.5	54	1022758.68	58891.9805	1000eU	transect (vari	51315.9902	0.05018519	0.05265432	37.43	49.7580063	50.5130593	0%	2%	49.76510358
238	1.5	40	989347.421	65433.8439	1000eU	transect (vari	61276.9219	0.06195168	0.06335224	33.66	48.1233376	48.5501637	-1%	0%	48.60382326
150	1.5	57	2844667.42	132136.299	1000eU	transect (vari	123695.15	0.04349367	0.04448279	39.34	50.2324417	50.5299662	0%	1%	50.22623362
112	2	50	727461.339	46590.3811	1000eU	transect (vari	33600	0.04637857	0.05512857	37.65	48.9120141	51.5882102	-1%	5%	49.27059092
42	2	44	211254.773	21147.7511	1000eU	transect (vari	11088	0.05297619	0.07630952	35.09	47.4485895	55.0200642	-3%	13%	48.78500118
25	2	46	296866.58	25899.0585	1000eU	transect (vari	14904	0.05058776	0.06873591	36.22	48.2675007	54.0651862	-2%	10%	49.04033591
228	2	48	1346842.71	76771.9352	1000eU	transect (vari	64800	0.04821389	0.05256944	36.59	48.0636895	49.3538046	-2%	1%	49.07409189
302	2	52	2549227.18	120166.299	1000eU	transect (vari	103284	0.04059254	0.04383757	39.9	50.0774079	51.0521123	0%	2%	50.23408572
182	2	47	857022.204	56290.0129	1000eU	transect (vari	47124	0.05510695	0.06034759	34.71	47.5534689	49.1273852	-2%	1%	48.73205919
271	2	40	1126525.85	73353.8439	1000eU	transect (vari	65040	0.0578238	0.06144004	34.02	47.3986278	48.4818265	-2%	0%	48.49307611
74	2	39	292423.87	25219.3478	1000eU	transect (vari	17316	0.05950104	0.07274428	33.89	47.7135111	51.9144495	-2%	7%	48.56377768
180	2	62	1797660.89	86934.0099	1000eU	transect (vari	66960	0.03736918	0.04281362	41.34	50.9059311	52.572818	0%	3%	51.01907179
434	2	55	3410884.35	158938.361	1000eU	transect (vari	143220	0.04204608	0.04430415	38.49	48.7256149	49.3854264	-2%	-1%	49.89693631
154	2	58	1345948.97	71071.8567	1000eU	transect (vari	53592	0.03995746	0.04632109	39.77	49.7273209	51.6483092	-1%	3%	50.38761709
70	2	61	676720.911	44954.8832	1000eU	transect (vari	25620	0.03815457	0.05215457	41.44	51.2683446	55.7539907	1%	9%	50.93124292
263	2	56	1246577.75	67703.134	1000eU	transect (vari	51408	0.04138072	0.04778595	39.29	49.5423419	51.4771243	-1%	3%	50.05127604
260	2	46	1429357.61	82755.0585	1000eU	transect (vari	71760	0.05029431	0.05406355	36.03	47.9286833	49.0458485	-2%	1%	48.73064801
277	2	52	1945979.87	100474.396	1000eU	transect (vari	86424	0.04449528	0.04803319	37.2	47.7848261	48.8116512	-3%	-1%	49.48678866
184	2	55	1446089.22	76438.3611	1000eU	transect (vari	60720	0.0421087	0.04743478	38.14	48.3004944	49.8646641	-3%	0%	49.89688022
62	2	57	523351.276	38086.2992	1000eU	transect (vari	21204	0.0408489	0.05665535	39.88	50.1282647	55.1617742	0%	10%	50.16234018
237	2	53	1729625.07	89961.9922	1000eU	transect (vari	75366	0.04366929	0.04780431	38.32	48.9812962	50.2118122	-1%	1%	49.59356027
167	2	55	1312483.15	70828.3611	1000eU	transect (vari	55110	0.04211976	0.04798802	39.37	49.8614427	51.644909	0%	3%	49.90075216
253	2	57	2135610.85	103408.299	1000eU	transect (vari	86526	0.04060537	0.04447888	39.66	49.7046558	50.8627323	-1%	1%	50.22074047
104	2	66	1176990.88	63818.44	1000eU	transect (vari	41184	0.03519231	0.04461538	42.91	52.1751999	55.1591434	1%	7%	51.66786036
304	2	42	1393233.96	85774.0129	1000eU	transect (vari	76608	0.05506579	0.05828947	34.49	47.2400743	4			

229	1.5	44	1151841.5	70515.7511	800eU	transect (vari	65485.8755	0.05686681	0.05832242	54.34	75.2612303	75.9447096	0%	1%	75.45050114
346	1.5	54	2621292.62	127255.98	800eU	transect (vari	119679.99	0.04566795	0.04663134	47.18	61.0316697	61.3859157	0%	1%	60.93727269
328	1.5	61	3170920.84	139382.883	800eU	transect (vari	129715.442	0.04091763	0.04193389	46.87	58.9384025	59.2944872	0%	1%	58.9127054
69	1.5	60	645362.131	43546.1487	800eU	transect (vari	34193.0744	0.05299275	0.05782367	51.27	69.3341185	71.4322056	-1%	2%	69.912299412
403	1.5	56	3283469.5	151703.134	800eU	transect (vari	143555.567	0.04373139	0.04455852	60.5	77.3602827	77.7439787	0%	0%	77.73446335
366	1.5	53	2671066.56	130983.992	800eU	transect (vari	123685.996	0.04631715	0.04722278	34.05	44.2199627	44.4630246	-1%	-1%	44.69358819
234	1.5	54	1772781.71	90967.9805	800eU	transect (vari	83391.9902	0.04705128	0.04847578	53.87	70.2674146	70.8741253	0%	0%	70.18436227
120	1.5	40	498830.633	37113.8439	800eU	transect (vari	32956.9219	0.06068333	0.06886111	45.86	67.3026998	68.5093054	0%	2%	67.27918176
403	1.5	57	3401783.29	154708.299	800eU	transect (vari	146267.15	0.04300771	0.04383484	44.02	56.0451932	56.322187	-1%	0%	56.581446
238	1.5	50	1545855.35	84390.3811	800eU	transect (vari	77895.1905	0.05040168	0.05180224	45.16	60.1136346	60.6289089	0%	1%	60.28408534
130	1.5	44	653883.821	44379.7511	800eU	transect (vari	39349.8755	0.06019231	0.06275641	32.66	46.1808252	46.9307955	0%	1%	46.24633533
124	1.5	46	681693.629	45219.0585	800eU	transect (vari	39721.5293	0.05828191	0.06097008	32.95	46.0387875	46.8186043	0%	1%	46.24525436
185	1.5	48	1107404	65251.9352	800eU	transect (vari	59265.9676	0.05353041	0.05533221	54.27	73.6335011	74.4544194	0%	1%	73.60420297
164	1.5	57	1384348.54	72970.2992	800eU	transect (vari	64529.1496	0.04662388	0.0486564	54.35	70.7114093	71.5838456	0%	1%	70.80359696
112	1.5	42	513296.721	37390.0129	800eU	transect (vari	32807.0064	0.06392857	0.06690476	49.65	71.8751604	73.248055	0%	2%	71.85672831
242	1.5	40	1005975.11	66393.8439	800eU	transect (vari	62236.9219	0.06188223	0.06325964	50.55	72.2390451	72.8689691	0%	1%	72.35456569
128	1.5	39	505814.261	37855.3478	800eU	transect (vari	33903.6739	0.06704327	0.06964744	40.12	59.2413916	60.2392411	0%	2%	59.22531114
150	1.5	62	1508037.75	76146.0099	800eU	transect (vari	66159.005	0.04398058	0.04608809	38.22	48.9151879	49.5660128	0%	1%	48.90457573
340	1.5	55	2672121.38	127918.361	800eU	transect (vari	120059.181	0.04494118	0.04592157	54.05	69.6146958	70.0250625	0%	1%	69.49923272
350	1.5	58	3058974.93	139279.857	800eU	transect (vari	130539.928	0.04268473	0.04363711	48.48	61.6055918	61.9560577	-1%	0%	62.18345167
266	1.5	61	2571539.46	116690.883	800eU	transect (vari	107023.442	0.04162825	0.04288158	46.38	58.5683628	59.0060284	0%	1%	58.41284746
142	1.5	56	115695.161	64007.134	800eU	transect (vari	55859.567	0.04829225	0.05063967	44.5	58.4815173	59.0007658	0%	1%	58.57984478
57	1.5	46	311335.168	26727.0585	800eU	transect (vari	21229.5293	0.06778125	0.07380992	32.66	48.4480217	50.3133543	3%	7%	47.10853824
191	1.5	52	1341812.83	73642.3962	800eU	transect (vari	66617.1981	0.04965868	0.05140398	58.41	77.3999942	78.2261567	0%	1%	77.37993133
108	1.5	55	848791.498	51358.3611	800eU	transect (vari	43499.1805	0.05125926	0.05434568	38.29	51.2354194	52.2130811	0%	2%	51.23730144
212	1.5	57	1789523.72	89386.2992	800eU	transect (vari	80945.1496	0.0452433	0.04681562	49.82	64.282981	64.8928469	-1%	0%	64.60795159
153	1.5	53	1116593.4	63249.9922	800eU	transect (vari	55951.9961	0.05012085	0.0522995	35.72	47.4666049	48.1012129	0%	1%	47.41180436
124	1.5	55	974538.387	56638.3611	800eU	transect (vari	48779.1805	0.05006452	0.05275269	54.43	72.3045748	73.4998826	0%	1%	72.53361665
270	1.5	57	2279110.39	109222.299	800eU	transect (vari	100781.15	0.04423002	0.04546459	60	76.9503399	77.5210367	0%	1%	76.85405474
79	1.5	66	894060.378	53918.44	800eU	transect (vari	42601.22	0.04765823	0.05187764	39.18	51.2930526	52.6237801	0%	2%	51.52793131
118	1.5	42	540794.76	38902.0129	800eU	transect (vari	34319.0064	0.06347458	0.06629944	52.2	75.3497881	76.7130039	0%	2%	75.26417656
148	1.5	49	923221.186	55987.962	800eU	transect (vari	49749.981	0.05389961	0.05615187	41.39	56.2852895	57.0721401	0%	1%	56.29791744
104	1.5	52	730620.6	46498.3962	800eU	transect (vari	39473.1981	0.05403846	0.05724359	33.21	45.1992232	46.1026676	1%	3%	44.80118055
325	1.5	59	2939268.57	133137.807	800eU	transect (vari	124093.903	0.04222947	0.04325511	51.52	65.2919065	65.6915309	0%	1%	65.09070997
252	1.5	46	1385377.37	80547.0585	800eU	transect (vari	75049.5293	0.05418565	0.0555084	33.73	45.9494515	46.325433	-2%	-1%	46.68059609
155	1.5	42	710365.998	48226.0129	800eU	transect (vari	43643.0064	0.06145161	0.06360215	32.68	46.5755824	47.2111544	0%	1%	46.6891645
80	1.5	67	933021.129	55485.5282	800eU	transect (vari	43822.7641	0.04697761	0.05114428	36.64	47.7717659	48.9929581	0%	3%	47.72704912
141	1.5	60	1318783.48	69466.1487	800eU	transect (vari	60113.0744	0.0455922	0.04795626	36.5	47.194648	47.8709088	0%	2%	47.10333881
367	1.5	51	2480037.81	125817.192	800eU	transect (vari	119059.596	0.04801891	0.04892718	35.2	46.1833876	46.4377668	-1%	0%	46.52255321
74	1.5	57	624645.071	42190.2992	800eU	transect (vari	33749.1496	0.05403983	0.05854433	34.81	47.3782163	48.7172061	1%	4%	46.87066841
209	1.5	42	957848.345	61834.0129	800eU	transect (vari	57251.0064	0.05978469	0.06137959	32.85	46.3313469	46.7966888	-1%	0%	46.78247639
160	1.5	42	733281.03	49486.0129	800eU	transect (vari	44903.0064	0.06125	0.06333333	32.7	46.5451134	47.1598549	-1%	1%	46.86324638
83	1.5	55	652311.985	43108.3611	800eU	transect (vari	35249.1805	0.05404819	0.05806426	34.68	47.203706	48.390466	1%	3%	46.96570781
276	1.5	49	1721682.75	93619.962	800eU	transect (vari	87381.981	0.05076605	0.05197378	34.7	46.2921224	46.6343444	0%	0%	46.46544389
65	1.5	61	628383.703	43124.8832	800eU	transect (vari	33457.4416	0.05325347	0.05838167	35.17	47.6376623	49.1712042	1%	4%	47.29002568
241	1.5	42	1104504.55	69898.0129	800eU	transect (vari	65315.0064	0.05914938	0.0605325	32.69	45.9231127	46.3219613	-3%	-1%	46.79228175
113	1.5	54	1613685.92	84163.9805	800eU	transect (vari	76587.9902	0.04747261	0.04903756	35.65	46.6198438	47.0628838	0%	0%	46.83120046
132	1.5	57	1114231.75	62026.2992	800eU	transect (vari	53585.1496	0.04810207	0.05062733	35.81	47.007332	47.7326169	0%	2%	47.01761315
326	1.5	41	1423761.35	88930.7322	800eU	transect (vari	84563.3661	0.05940895	0.06043144	32.53	45.7724438	46.0660684	-2%	-1%	46.57014401
216	1.5	70	2749803.86	116181.147	800eU	transect (vari	103450.573	0.03762963	0.03917284	38.21	47.1268841	47.5562275	-2%	-1%	47.99148907
169	1.5	44	850048.967	54675.7511	800eU	transect (vari	49645.8755	0.05841716	0.06038955	33.22	46.4551697	47.0380424	0%	1%	46.68795943
67	1.5	54	507591.346	36859.9805	800eU	transect (vari	29283.9902	0.05770315	0.06267828	34.07	47.4327169	48.9329376	2%	5%	46.64834299
63	1.5	61	609048.82	42392.8832	800eU	transect (vari	32725.4416	0.05374187	0.05903287	35.08	47.6583796	49.2447956	1%	4%	47.22984732
180	1.5	60	1683553.38	83506.1487	800eU	transect (vari	74153.0744	0.04405556	0.04590741	36.61	46.9035476	47.4264975	-1%	0%	47.27365831
58	1.5	56	472558.886	35783.134	800eU	transect (vari	27635.567	0.0549138	0.06423851	34.06	47.6518053	49.4033378	2%	6%	46.77701792
148	1.5	53	1080103.42	61659.9922	800eU	transect (vari	54361.9961	0.05034166	0.05259391	35.13	46.7449187	47.3916051	0%	2%	46.63206324
183	1.5	54	1386406.21	74443.9805	800eU	transect (vari	68667.9902	0.04824226	0.05006375	35.54	46.6924411	47.2106631	0%	1%	46.83852705
236	1.5	40	981033.577	64953.8439	800eU	transect (vari	60796.9219	0.06198729	0.06339972	32.39	46.3180083	46.732371	-1%	0%	46.83561441
161	1.5	57	1359025.09	71944.2992	800eU	transect (vari	63503.1496	0.0467375	0.04880789	36.05	46.9346263	47.5247964	0%	1%	46.86748343
208	1.5	50	1350999.63	75390.3811	800eU	transect (vari	62400	0.04629615	0.05100769	35.24	45.7584519	47.0817551	-2%	1%	46.70131397
56	2	44	281673.031	24843.7511	800eU	transect (vari	14784	0.05285714	0.07035714	33.94	45.8601051	51.1933635	-2%	10%	46.72865666
69	2	46	379329.519	30039.0585	800eU	transect (vari	19044	0.05050725	0.06471014	34.43	45.8596404	50.0895546	-2%	7%	46.88052837
133	2	48	796133.69	50275.9352	800eU	transect (vari	38304	0.04827538	0.0556438	34.93	45.9002097	48.0136569	-2%	3%	46.67754628
177	2	57	1494083.48	77416.2992	800eU	transect (vari	60534	0.04063931	0.04617603	37.13	46.6137464	48.1777929	0%	3%	46.88342175
183	2	42	838690.178	55282.0129	800eU	transect (vari	46116	0.05510929	0.06046448	33.05	45.2798847	46.8121317	-3%	0%	46.82665877
269	2	40	1118212	72873.8439	800eU	transect (vari	64560	0.05782435	0.06146747						

157	1.5	42	719532.011	48730.0129	600eU	transect (vari	44147.0064	0.06136943	0.06349257	36.74	52.3352265	53.0400471	0%	1%	52.40744065
121	1.5	67	1411194.46	71967.5282	600eU	transect (vari	60304.7641	0.04274207	0.0454969	46.56	59.186255	60.1681649	0%	2%	58.98819123
180	1.5	60	1683553.38	83506.1487	600eU	transect (vari	74153.0744	0.04405556	0.04590741	50.72	64.9809949	65.705507	0%	1%	65.07312484
377	1.5	51	2547613.78	128877.192	600eU	transect (vari	122119.596	0.04794664	0.04883081	48.85	64.0645199	64.4079184	-1%	0%	64.72115075
163	1.5	57	1375907.39	72628.2992	600eU	transect (vari	64187.1496	0.04666129	0.04870627	33.67	43.8148993	44.3588471	0%	2%	43.68892364
149	1.5	42	682867.959	46714.0129	600eU	transect (vari	42131.0064	0.06171141	0.06394855	34.8	49.6777868	50.3838157	0%	1%	49.82133493
221	1.5	42	1012844.42	64858.0129	600eU	transect (vari	60275.0064	0.05952489	0.06103318	46.62	65.6458971	66.2686991	-1%	0%	66.37768901
70	1.5	55	550142.638	38818.3611	600eU	transect (vari	30959.1805	0.05628571	0.06104762	41.3	56.995666	58.7120691	0%	3%	57.2330565
326	1.5	49	2033581.8	108319.962	600eU	transect (vari	102081.981	0.05021034	0.05123284	37.75	50.1914248	50.5048022	0%	0%	50.35029708
155	1.5	61	1498453.45	76064.8832	600eU	transect (vari	66397.4416	0.04432047	0.046471	46.27	59.3736439	60.1440152	0%	2%	59.20667782
159	1.5	42	728698.023	49234.0129	600eU	transect (vari	44651.0064	0.06128931	0.06338574	43.71	62.2325256	63.0597935	0%	1%	62.27971858
158	1.5	54	1197006.46	66343.9805	600eU	transect (vari	58767.9902	0.04910689	0.0512166	50.6	66.8270898	67.6894199	0%	1%	66.7651222
65	1.5	57	548674.725	39112.2992	600eU	transect (vari	30671.1496	0.05591093	0.06103914	32.67	44.9819331	46.4416269	2%	5%	44.04666495
163	1.5	41	711880.676	48832.7322	600eU	transect (vari	44465.3661	0.06247643	0.06452142	31.23	44.7977052	45.3805532	0%	1%	44.79240913
168	1.5	70	2138736.34	96021.1469	600eU	transect (vari	83290.5734	0.03895238	0.04093651	47.23	58.7062758	59.397831	1%	2%	58.38752587
229	1.5	44	1151841.5	70515.7511	600eU	transect (vari	65485.8755	0.05686681	0.05832242	48.38	67.0067168	67.6152369	0%	1%	67.15999071
346	1.5	54	2621292.62	127255.98	600eU	transect (vari	119679.99	0.04566795	0.04663134	46.38	59.99708	60.3453277	0%	1%	59.91693238
328	1.5	61	3170920.84	139382.883	600eU	transect (vari	129715.442	0.04091763	0.04193369	54.35	68.3446349	68.7575551	0%	1%	68.24654375
69	1.5	60	645362.131	43546.1487	600eU	transect (vari	34193.0744	0.05299275	0.05782367	35.5	48.0078788	49.4066284	1%	4%	47.7330229
403	1.5	56	3283469.5	151703.134	600eU	transect (vari	143555.567	0.04373139	0.04455852	45.51	58.1933948	58.4816162	0%	0%	58.22855497
396	1.5	53	2671066.56	130963.992	600eU	transect (vari	123685.996	0.04531715	0.04722769	52.27	67.8803277	68.2534081	-1%	0%	68.43087251
234	1.5	50	1772781.71	90967.9805	600eU	transect (vari	83291.9902	0.04705128	0.04847578	34.67	45.2232661	45.6302118	-1%	0%	45.60133461
120	1.5	40	498830.633	37113.8439	600eU	transect (vari	32356.9219	0.06083533	0.06896111	36.77	53.3627593	54.5302118	0%	2%	53.90835642
403	1.5	57	3401783.29	154708.299	600eU	transect (vari	146287.15	0.04300773	0.04383484	52.06	66.2811998	66.6095957	-1%	0%	66.89062737
238	1.5	50	1545855.35	84390.3811	600eU	transect (vari	77895.1905	0.05040168	0.05180224	45.81	60.8782376	61.5009209	0%	1%	61.12634934
130	1.5	44	653883.821	44379.7511	600eU	transect (vari	38349.8755	0.06019231	0.06275641	31.87	45.0652264	45.7971535	0%	1%	45.12745208
124	1.5	46	681693.629	45219.0585	600eU	transect (vari	39721.5293	0.05828191	0.06097008	34.4	48.0652687	48.8794378	0%	1%	48.2361769
185	1.5	48	1107404	65251.9352	600eU	transect (vari	59265.9676	0.05353041	0.05533221	47.45	64.3800087	65.0077579	0%	1%	64.32091119
164	1.5	57	1384348.54	72970.2992	600eU	transect (vari	64529.1496	0.04662388	0.04886564	38	49.4397331	50.0497344	0%	1%	49.9192049
112	1.5	42	513296.721	37390.0129	600eU	transect (vari	32807.0064	0.06392857	0.06690476	43.44	62.8856493	64.086852	0%	2%	62.86412097
242	1.5	40	1005975.11	66393.8439	600eU	transect (vari	62236.9219	0.06188223	0.06325964	42.31	60.4633748	60.9906079	0%	1%	60.59056017
128	1.5	39	505814.261	37855.3478	600eU	transect (vari	33903.6739	0.06704327	0.06964744	37.3	55.0771576	56.0048559	0%	2%	55.04310882
151	1.5	62	1508037.75	76146.0099	600eU	transect (vari	66159.005	0.04388058	0.04608809	34.89	44.6538545	45.2480108	0%	1%	44.67591755
340	1.5	55	2672121.38	127918.361	600eU	transect (vari	120059.181	0.04494118	0.04592157	44.33	57.0960079	57.432588	0%	1%	57.02539164
350	1.5	58	3058974.93	139279.857	600eU	transect (vari	130539.928	0.04268473	0.04363711	45.7	58.0726954	58.4030573	-1%	0%	58.64314866
266	1.5	61	2571539.46	116690.883	600eU	transect (vari	107023.442	0.04162825	0.04288138	47.7	59.3514921	59.7950165	0%	1%	59.20327646
142	1.5	56	1156954.51	64007.134	600eU	transect (vari	55859.567	0.04829225	0.05063967	40.62	53.3826015	54.1480556	0%	1%	53.40273921
157	1.5	46	313359.168	26727.0585	600eU	transect (vari	21229.5293	0.06776125	0.0736092	42.52	63.0742233	65.5026708	0%	4%	63.16875209
191	1.5	52	1341812.83	73642.3962	600eU	transect (vari	66617.1981	0.04965868	0.05140388	50.05	66.3222568	67.0301855	0%	1%	66.22823681
108	1.5	55	848791.498	51358.3611	600eU	transect (vari	43499.1805	0.05125926	0.05434568	35.65	47.7025452	48.6127709	0%	2%	47.72622295
212	1.5	57	1789523.72	89386.2992	600eU	transect (vari	80945.1496	0.0452433	0.04681562	34.9	45.0315893	45.4588115	-1%	0%	45.61178742
153	1.5	53	1116593.4	63249.9922	600eU	transect (vari	55951.9961	0.05012085	0.05229595	52.03	69.1397346	70.0640801	0%	1%	69.19301775
124	1.5	55	974538.387	56638.3611	600eU	transect (vari	48779.1805	0.05006452	0.05275269	32.68	43.4088758	44.1262991	0%	3%	42.99644476
270	1.5	57	2279110.39	109222.299	600eU	transect (vari	100781.15	0.04423002	0.04546459	54.32	69.6654026	70.1820615	0%	1%	69.48721429
79	1.5	66	894060.378	53918.44	600eU	transect (vari	42601.22	0.04765823	0.05187764	34.08	44.6167792	45.7743481	0%	4%	44.09288253
118	1.5	42	540794.76	38902.0129	600eU	transect (vari	34319.0064	0.06347458	0.06629944	43.99	63.4991274	64.6479608	0%	2%	63.4488579
148	1.5	49	923221.186	55987.962	600eU	transect (vari	49749.981	0.05389961	0.05615187	46.78	63.6151671	64.5044941	0%	1%	63.6623745
104	1.5	52	730620.6	46498.3962	600eU	transect (vari	39473.1981	0.05403846	0.05724359	45.24	61.5734268	62.8042455	0%	2%	61.74439086
325	1.5	59	2939268.57	133137.807	600eU	transect (vari	124093.903	0.04222947	0.04325511	52.9	67.0408819	67.4512133	0%	1%	66.84688949
75	1.5	46	412314.695	31695.0585	600eU	transect (vari	26197.5293	0.06355072	0.06799517	31.8	45.9249286	47.2425007	2%	5%	45.16846107
78	1.5	42	357474.502	28822.0129	600eU	transect (vari	24239.0064	0.06782051	0.07209402	31.13	46.1954296	47.4855839	2%	5%	45.38507795
181	1.5	67	2110960.3	96087.5282	600eU	transect (vari	84424.7641	0.04000247	0.04184409	35.72	44.6751818	45.164807	-1%	0%	45.19752835
398	1.5	60	3722523.6	161986.149	600eU	transect (vari	152633.074	0.04101256	0.04185008	35.32	44.4394754	44.6606294	-1%	0%	44.66915653
173	1.5	51	1169064.15	66453.1925	600eU	transect (vari	59695.5962	0.05107446	0.05300125	33.49	44.7619064	45.2920276	0%	1%	44.69735567
47	1.5	57	396734.032	32956.2992	600eU	transect (vari	24515.1496	0.06180291	0.06889511	32.52	46.4500038	48.5919009	0%	9%	44.65966584
124	1.5	42	568292.798	40414.0129	600eU	transect (vari	35831.0064	0.06306452	0.06575269	31.6	45.4961367	46.2779453	0%	2%	45.50056935
110	1.5	42	504130.708	36886.0129	600eU	transect (vari	32303.0064	0.06409091	0.06711211	31.5	45.6474185	46.5358514	0%	2%	45.57674764
185	1.5	55	1453948.4	76768.3611	600eU	transect (vari	68909.1805	0.04740541	0.04920721	34.16	44.6532575	45.1422578	-1%	0%	45.03213948
326	1.5	49	2033581.8	108319.962	600eU	transect (vari	102081.981	0.05021034	0.05123284	33.44	44.4606508	44.7382401	-1%	0%	44.76598209
76	1.5	61	734725.56	47150.8832	600eU	transect (vari	37483.4416	0.05102675	0.05541271	34.01	45.4437114	46.6824138	0%	4%	44.9819301
209	1.5	42	957848.345	61834.0129	600eU	transect (vari	57251.0064	0.05978469	0.06137959	31.91	45.0055793	45.4576054	-1%	0%	45.51010408
131	1.5	54	992454.72	57595.9805	600eU	transect (vari	50019.9902	0.05041137	0.05295589	33.75	44.9276932	45.630971	0%	2%	44.89097479
87	1.5	57	734380.016	46636.2992	600eU	transect (vari	38195.1496	0.05202057	0.05585199	33.7	45.3033654	46.3825483	0%	3%	44.94021302
185	1.5	41	807962.731	54244.7322	600eU	transect (vari	49877.3661	0.06174687	0.06354867	31.65	45.1914087	45.707708	0%	1%	45.29365674
193	1.5	70	2457000.67	106521.147	600eU	transect (vari	93790.5734	0.03818135	0.03990846	36.22	44.817363	45.2754038	-1%	0%	45.20570342
49	1.5	44	246463.902	22995.7511	600eU	transect (vari	17								

228	2	61	2204176.68	102782.883	600eU	transect (vari	83448	0.03795657	0.04225482	35.68	44.0909595	45.2243856	-1%	1%	44.749649
314	2	56	2558336.04	121799.134	600eU	transect (vari	105504	0.04131369	0.04443471	34.69	43.7247265	44.5445025	-2%	0%	44.73055675
169	2	46	929082.445	57639.0585	600eU	transect (vari	46644	0.05033573	0.05613455	33.22	44.2018284	45.8018385	-2%	2%	44.88059681
164	2	52	1152132.48	65218.3962	600eU	transect (vari	51168	0.04454503	0.05052064	34.22	43.9699798	45.5836406	-2%	2%	44.90269285
130	2	55	1021693.47	58618.3611	600eU	transect (vari	42900	0.04215385	0.04969231	34.01	43.0818134	45.0764546	-5%	0%	45.11353268
168	2	57	1418113.13	74338.2992	600eU	transect (vari	57456	0.04064536	0.0464787	35.03	43.9789387	45.5357127	-2%	1%	45.02969567
147	2	53	1072805.42	61341.9922	600eU	transect (vari	46746	0.04372096	0.05038763	34.52	44.1376713	45.9460766	-1%	3%	44.72677889
312	2	55	2452064.33	118678.361	600eU	transect (vari	102960	0.0420641	0.04520513	34.85	44.1223532	44.9567568	-1%	1%	44.6267949
171	2	57	1443436.58	75364.2992	600eU	transect (vari	58482	0.04064327	0.04637427	35.12	44.0913859	45.6240506	-1%	2%	44.74755078
107	2	66	1210942.54	65006.44	600eU	transect (vari	42372	0.03518692	0.04343579	36.56	44.4527011	46.9207748	-1%	4%	45.01904925
215	2	42	985346.384	63346.0129	600eU	transect (vari	54180	0.05509302	0.05965116	32.37	44.3438089	45.616275	-2%	1%	45.24115224
249	2	49	1553257.26	85681.962	600eU	transect (vari	73206	0.04722318	0.05115892	33.76	44.0819402	45.146012	-2%	1%	44.76598209
282	2	52	1981105.86	102034.396	600eU	transect (vari	87984	0.044494	0.04796918	34.24	43.9822559	44.9103485	-2%	0%	44.78870642
401	2	59	3628605.22	160041.807	600eU	transect (vari	141954	0.03920242	0.04164631	34.89	43.4317157	44.0636116	-3%	-1%	44.6840536
149	1.5	46	819131.86	52119.0585	400eU	transect (vari	46621.5293	0.0569288	0.05916594	32.15	44.5449265	45.1690047	0%	1%	44.69415123
157	1.5	42	719532.011	48730.0129	400eU	transect (vari	44147.0064	0.06136943	0.06349257	31.58	44.9841785	45.5899682	0%	1%	45.1266641
121	1.5	67	1411194.46	71967.5282	400eU	transect (vari	60304.7641	0.04274207	0.0454969	33.44	42.5058371	43.2108319	0%	1%	42.69126503
180	1.5	60	1683553.38	83506.1487	400eU	transect (vari	74153.0744	0.04405556	0.04590741	40.4	51.7592744	52.3363679	0%	1%	51.78063636
377	1.5	51	2547613.78	128877.192	400eU	transect (vari	122119.596	0.04794664	0.04883081	39.94	52.3795939	52.6603513	-1%	-1%	52.94410591
163	1.5	47	1375907.39	72628.2992	400eU	transect (vari	64187.1496	0.04666129	0.04870627	33.95	44.1800375	44.7285572	0%	2%	44.05170184
149	1.5	42	682867.959	46714.0129	400eU	transect (vari	42131.0064	0.06171141	0.06394855	37.99	54.2311003	55.0025716	0%	1%	54.31542634
70	1.5	42	1012844.42	64858.0129	400eU	transect (vari	62725.0064	0.0552489	0.06103318	38.4	54.0714244	54.5844207	-1%	0%	54.79349478
221	1.5	55	550142.638	38818.3611	400eU	transect (vari	30959.1805	0.05628571	0.06104752	42.68	58.8696659	60.6733207	-1%	2%	59.23375211
326	1.5	49	2033581.9	108319.962	400eU	transect (vari	102081.981	0.05021034	0.05123284	41.4	55.0439911	55.3876574	0%	1%	55.1112243
155	1.5	61	1498453.45	76964.8832	400eU	transect (vari	68397.4416	0.04432047	0.046471	36.14	46.374694	48.9763966	0%	1%	46.48604443
159	1.5	42	728698.023	49234.0129	400eU	transect (vari	44651.0064	0.06128931	0.06338574	38.08	54.2163083	54.9369967	0%	1%	54.3268082
158	1.5	54	1197006.46	66343.9805	400eU	transect (vari	58767.9902	0.04910889	0.0512166	32.45	42.8571217	43.4101764	0%	1%	42.97802468
165	1.5	57	548674.725	39112.2992	400eU	transect (vari	30671.1496	0.05591093	0.06103914	32.03	44.0997035	45.530653	2%	6%	43.1254243
163	1.5	41	711880.676	48832.7322	400eU	transect (vari	44465.3661	0.06247643	0.06452142	34.7	49.7745174	50.4220893	0%	1%	49.78297584
168	1.5	70	2138736.34	96021.1469	400eU	transect (vari	83290.5734	0.03895238	0.04093651	34.59	42.9949366	43.5014144	-1%	0%	43.34430366
229	1.5	44	1151841.5	70515.7511	400eU	transect (vari	65485.8755	0.05868681	0.05832242	35.18	48.724455	49.1669407	-1%	0%	49.12128284
346	1.5	54	2621292.62	127255.98	400eU	transect (vari	119679.99	0.04566795	0.04663134	39.33	50.8770627	51.1723705	0%	0%	50.92727183
328	1.5	61	3170920.84	139382.883	400eU	transect (vari	129715.442	0.04091763	0.04193389	48.17	60.5731769	60.9391395	0%	1%	60.53431768
69	1.5	60	645362.131	43546.1487	400eU	transect (vari	34193.0744	0.05299275	0.05782367	33.4	45.1684374	46.5353139	1%	4%	44.62297529
403	1.5	56	3283469.5	151703.134	400eU	transect (vari	143555.567	0.04373139	0.04455852	33.12	42.3505414	42.5602997	-1%	0%	42.61908236
366	1.5	53	2671066.56	130983.992	400eU	transect (vari	123685.996	0.04631715	0.04722789	33.78	43.8678012	44.1088935	-1%	-1%	44.33567216
234	1.5	54	1772781.71	90967.9805	400eU	transect (vari	83391.9902	0.04705128	0.04847578	38.56	50.2971903	50.7314706	0%	0%	50.50982289
120	1.5	40	498830.633	37113.8439	400eU	transect (vari	32956.9219	0.06608333	0.06886111	37.29	54.7262315	55.707396	0%	2%	54.68318932
403	1.5	57	3401783.29	154708.299	400eU	transect (vari	146267.15	0.04300771	0.04383484	36.25	46.1528735	46.3809817	-1%	-1%	46.63475378
238	1.5	50	545855.35	84390.3811	400eU	transect (vari	77895.1905	0.05040168	0.05180224	43.44	57.8237934	58.3194302	0%	1%	58.01324498
130	1.5	44	653883.821	44379.7511	400eU	transect (vari	39349.8755	0.06019231	0.06275641	32.98	46.6331875	47.3904984	0%	2%	46.68585144
124	1.5	46	681693.629	45219.0585	400eU	transect (vari	39721.5293	0.05828191	0.06097008	32.09	44.8378984	45.5974143	-1%	1%	45.07435326
185	1.5	48	1107404	65251.9352	400eU	transect (vari	59265.9676	0.05353041	0.05533221	34.1	46.266692	46.7824993	-1%	1%	46.52583424
164	1.5	57	1384348.54	72970.2992	400eU	transect (vari	64529.1496	0.04662388	0.0486564	43.06	56.0226037	56.7138054	0%	1%	56.08130066
112	1.5	42	513296.721	37390.0129	400eU	transect (vari	32807.0064	0.06392857	0.06690476	30.86	44.6742254	45.5275611	0%	2%	44.60387077
242	1.5	40	1005975.11	66393.8439	400eU	transect (vari	62236.9219	0.06188223	0.06325964	32	45.7295057	46.1282547	-1%	0%	46.09614657
128	1.5	39	505814.261	37855.3478	400eU	transect (vari	33903.6739	0.06704327	0.06964744	33.39	49.3032058	50.1336286	0%	2%	49.2556282
151	1.5	62	1508037.75	76146.0099	400eU	transect (vari	66159.005	0.04388058	0.04608809	45.65	58.4241364	59.2014678	0%	1%	58.40077704
340	1.5	55	2672121.38	127918.361	400eU	transect (vari	120059.181	0.04494118	0.04592157	40.15	51.719703	52.0168043	0%	1%	51.73098447
350	1.5	58	3058974.93	139279.857	400eU	transect (vari	130539.928	0.04268473	0.04363711	33.11	42.0754767	42.3148684	-1%	-1%	42.53358929
266	1.5	61	2571539.46	116690.883	400eU	transect (vari	107023.442	0.04162825	0.04288138	33.57	42.9222254	42.7090195	0%	0%	42.75038986
142	1.5	56	1156954.51	64007.134	400eU	transect (vari	55859.567	0.04829225	0.05063967	37.24	48.9408471	49.6426234	0%	2%	48.90382518
57	1.5	46	313359.168	26727.0585	400eU	transect (vari	21229.5293	0.06776125	0.0736092	31.71	47.0377535	48.8486762	4%	8%	45.43020848
191	1.5	52	1341812.83	73642.3962	400eU	transect (vari	66617.1981	0.04965868	0.05140388	44.88	59.4714081	60.1062112	0%	1%	59.39231519
108	1.5	55	848791.498	51358.3611	400eU	transect (vari	43499.1805	0.05125926	0.05434568	32.41	43.3669371	44.1944176	0%	2%	43.39820711
212	1.5	57	1789523.72	89386.2992	400eU	transect (vari	80945.1496	0.0452433	0.04681562	34.85	44.9673936	45.3940194	-1%	0%	45.53277351
124	1.5	53	1116593.4	63249.9922	400eU	transect (vari	55951.9961	0.05012085	0.0522995	42.95	43.7858726	44.3712802	0%	2%	43.68252503
270	1.5	55	974538.387	56638.3611	400eU	transect (vari	48779.1805	0.05006452	0.05275269	31.9	55.6591407	56.5792336	0%	1%	55.78648515
79	1.5	56	2279110.39	109222.299	400eU	transect (vari	100781.15	0.04423002	0.04546459	44.78	57.430737	57.8566723	0%	1%	57.31923281
118	1.5	42	894060.378	53918.44	400eU	transect (vari	42601.22	0.04765823	0.05187764	42.93	56.2027053	57.6608368	-1%	2%	56.78121809
148	1.5	49	540794.76	38902.0129	400eU	transect (vari	34319.0064	0.06347458	0.06629944	30.94	44.6613381	45.4693429	1%	3%	44.31574127
104	1.5	52	923221.186	55987.962	400eU	transect (vari	49749.981	0.05389961	0.05615187	32.26	43.8694247	44.482696	0%	2%	43.6866743
325	1.5	59	730620.6	46498.3962	400eU	transect (vari	39473.1981	0.05403846	0.05724359	43.89	59.7361224	60.9302213	0%	2%	59.89161795
87	1.5	46	2939268.57	133137.807	400eU	transect (vari	124093.903	0.04222947	0.04325511	33.94	43.0121928	43.2754422	-1%	0%	43.2481416
183	1.5	42	878285.046	35007.0585	400eU	transect (vari	29509.5293	0.06171164	0.06554306	31.48	44.9387206	46.040765	1%	4%	44.41542096
40	1.5	67	838690.178	55282.0129	400eU	transect (vari	50699.0064	0.06046448	0.06228597	31.36	44.41841	44.9294988	-1%	1%	

197	1.5	53	1437705.23	77241.9922	400eU	transect (vari	69943.9961	0.04866105	0.0503531	33.21	43.7419263	44.1931874	0%	1%	43.78190498
82	1.5	54	621231.199	41719.9805	400eU	transect (vari	34143.9902	0.0549729	0.05903794	32.57	44.5847643	45.722739	1%	4%	44.01837149
49	1.5	40	203689.175	20073.8439	400eU	transect (vari	15916.9219	0.07815816	0.08496088	29.6	46.9809227	49.1656392	5%	9%	44.9504992
296	1.5	57	2498580.28	118114.299	400eU	transect (vari	109673.15	0.04390469	0.04503082	33.96	43.4692835	43.7629354	0%	0%	43.63791594
194	2	50	1260066.96	71190.3811	400eU	transect (vari	58200	0.04630309	0.05135464	33.26	43.1892616	44.530483	-2%	1%	44.18610493
151	2	44	759511.207	49923.7511	400eU	transect (vari	39864	0.05263245	0.05912252	32.18	43.422192	45.199086	-3%	1%	44.62976707
182	2	46	1000550.33	61227.0585	400eU	transect (vari	50232	0.05032728	0.0557119	32.15	42.7759104	44.2109482	-4%	-1%	44.69248805
161	2	48	963740.782	58339.9352	400eU	transect (vari	46368	0.04824922	0.05433618	32.92	43.2521065	44.8875495	-2%	1%	44.30854718
77	2	57	649968.52	43216.2992	400eU	transect (vari	26334	0.04078606	0.05351333	34.35	43.1611275	46.6012029	-1%	7%	43.67506397
185	2	42	847856.191	55786.0129	400eU	transect (vari	46620	0.05510811	0.06040541	31.79	43.5533147	45.0108061	-3%	0%	44.86351894
256	2	40	1064172.02	69753.8439	400eU	transect (vari	61440	0.05782813	0.06165625	31.44	43.8052002	44.8659923	-2%	0%	44.80417485
247	2	39	976063.458	65701.3478	400eU	transect (vari	57798	0.05931174	0.06327935	31.09	43.7197014	44.8226296	-3%	0%	45.02972472
121	2	62	1208427.6	64986.0099	400eU	transect (vari	45012	0.03742335	0.04552253	34.62	42.6474997	44.7451003	-3%	2%	43.79104956
421	2	55	3308715.01	154648.361	400eU	transect (vari	138930	0.04204751	0.04433753	33.9	42.9153624	43.5146271	-2%	0%	43.64030795
269	2	58	2351040.73	111091.857	400eU	transect (vari	93612	0.03990194	0.04354506	34.37	42.9612282	43.8997979	-2%	0%	43.70802785
242	2	51	2339520.86	107906.883	400eU	transect (vari	88572	0.0379515	0.04200108	34.82	43.0269474	44.0678796	-1%	1%	43.65353114
147	2	66	1197692.35	65687.134	400eU	transect (vari	49392	0.04138605	0.04805272	33.65	42.4320578	44.1587605	-3%	1%	43.75248335
81	2	46	445299.87	33351.0585	400eU	transect (vari	22356	0.0504643	0.06259307	32.62	43.4374314	46.8163652	-2%	6%	44.11058657
242	2	52	1700097.93	89554.3962	400eU	transect (vari	75504	0.04450572	0.04855531	33.53	43.0732597	44.1351647	-2%	0%	44.03146657
76	2	55	597297.721	40798.3611	400eU	transect (vari	25080	0.04226316	0.05515789	33.86	42.919663	46.4035236	-3%	5%	44.21581759
198	2	57	1671347.62	84598.2992	400eU	transect (vari	67716	0.04062733	0.04576792	33.91	42.5682768	43.8417257	-3%	-1%	44.09047463
248	2	53	180390.03	93450.9322	400eU	transect (vari	78964	0.0466555	0.04761716	33.36	42.6403852	43.6632408	-3%	0%	43.82746233
177	2	55	1391074.96	74128.3611	400eU	transect (vari	58410	0.04211299	0.04764972	34.07	43.1473481	44.6012832	-1%	2%	43.66315814
304	2	57	2566109.48	120850.299	400eU	transect (vari	103968	0.04059211	0.04381579	34.24	42.8735847	43.8004384	-2%	0%	43.75951654
226	2	66	2557691.71	112130.44	400eU	transect (vari	89496	0.0350885	0.03942478	35.37	42.9811586	44.0896950	-2%	1%	43.83901216
117	2	42	536211.753	38650.0129	400eU	transect (vari	29484	0.05517094	0.06354701	31.7	43.446841	45.7794352	-2%	3%	44.5293657
309	2	49	1927536.12	103321.962	400eU	transect (vari	90846	0.04720758	0.0503791	32.92	42.9810751	43.8142075	-2%	0%	43.94322677
191	2	52	2191861.8	111394.396	400eU	transect (vari	97344	0.04448718	0.04762821	33.22	42.670297	43.4828981	-3%	-1%	43.92225823
192	2	59	1736429.43	86055.8066	400eU	transect (vari	67968	0.03925671	0.04436088	34.63	43.1218512	44.4478364	-1%	2%	43.8296571
149	1.5	46	819131.86	52119.0585	200eU	transect (vari	46621.5293	0.0569288	0.05916594	33.06	48.5770526	49.2576316	0%	1%	48.66874073
157	1.5	42	719532.011	48730.0129	200eU	transect (vari	44147.0064	0.06136943	0.06349257	32.46	46.2381614	46.8680874	0%	1%	46.3595602
121	1.5	67	1411194.46	71967.5282	200eU	transect (vari	60304.7641	0.04274207	0.0454969	33.31	42.3439747	43.0465336	0%	1%	42.54073858
180	1.5	60	1683553.38	83506.1487	200eU	transect (vari	74153.0744	0.04405556	0.04590741	34.54	44.2513396	44.7447096	0%	1%	44.1591398
377	1.5	51	2547613.78	128877.192	200eU	transect (vari	122119.596	0.04794664	0.04883081	32.12	42.1230952	42.3488665	-1%	-1%	42.59146492
163	1.5	57	1375907.39	72628.2992	200eU	transect (vari	64187.1496	0.04666129	0.04870627	35.4	46.067298	46.6392661	0%	1%	45.97856417
149	1.5	42	682867.959	46714.0129	200eU	transect (vari	42131.0064	0.06171141	0.06394855	32.64	46.5943872	47.2565964	0%	1%	46.76786644
221	1.5	42	1012844.42	64858.0129	200eU	transect (vari	60275.0064	0.05952489	0.06103318	30.36	42.7497069	43.1552744	-2%	-1%	43.40815337
70	1.5	55	550142.638	38818.3611	200eU	transect (vari	30959.1805	0.05628571	0.06104762	31.67	43.7060754	45.0222877	2%	5%	42.96560683
326	1.5	49	2033581.8	108319.962	200eU	transect (vari	102081.981	0.05021034	0.05123284	34.1	45.337987	45.6210498	-1%	0%	45.61525572
155	1.5	61	1498453.45	76064.8832	200eU	transect (vari	66397.4416	0.04432047	0.046471	32.87	42.178366	42.7256067	0%	1%	42.37527138
159	1.5	42	728698.023	49234.0129	200eU	transect (vari	44651.0064	0.06128931	0.06338574	33.78	48.0940614	48.7333624	0%	1%	48.30476501
158	1.5	54	1197006.46	66343.9805	200eU	transect (vari	58767.9902	0.04910689	0.0512166	33.05	43.648991	44.2122368	0%	1%	43.77481752
65	1.5	57	548674.725	39112.2992	200eU	transect (vari	30671.1496	0.05591093	0.06103914	31.94	43.9757565	45.0426903	2%	6%	42.98077625
163	1.5	41	711880.676	48832.7322	200eU	transect (vari	44465.3661	0.06247643	0.06452142	31.39	45.026321	45.6121084	0%	1%	45.02099828
218	1.5	70	2138736.34	96021.1469	200eU	transect (vari	83290.5734	0.03895238	0.04093651	38.57	47.942046	48.5068015	0%	1%	48.02951087
155	1.5	44	1151841.5	70515.7511	200eU	transect (vari	65485.8755	0.05686681	0.05832242	31.68	43.8775401	44.2760271	-1%	0%	44.39655622
346	1.5	54	2621292.62	127255.98	200eU	transect (vari	119679.99	0.04566795	0.04663134	34.06	44.0590004	44.315229	0%	0%	44.27969556
328	1.5	61	3170920.84	139382.883	200eU	transect (vari	129715.442	0.04091763	0.04193389	33.98	42.7294698	42.987628	-1%	0%	43.05461561
69	1.5	60	645362.131	43546.1487	200eU	transect (vari	34193.0744	0.05299275	0.05782367	33.21	44.9110642	46.2701057	1%	4%	44.33386119
403	1.5	56	3283469.5	151703.134	200eU	transect (vari	143555.567	0.04373139	0.04455852	35.66	45.982004	45.8240427	-1%	0%	45.83145663
366	1.5	53	2671066.56	130983.992	200eU	transect (vari	123685.996	0.04631715	0.04722789	36.57	47.4914325	47.7524497	-1%	0%	47.97801167
234	1.5	54	1772781.71	90967.9805	200eU	transect (vari	83391.9902	0.04705128	0.04847578	32.78	42.7573376	43.1264997	-1%	0%	43.1928789
120	1.5	40	498830.633	37113.8439	200eU	transect (vari	32956.9219	0.06080333	0.06886111	30.83	45.2458058	46.0570084	0%	2%	45.14083459
403	1.5	57	3401783.29	154708.299	200eU	transect (vari	146267.15	0.04300771	0.04383484	32.66	41.582386	41.78791	-1%	0%	41.99737104
238	1.5	50	1545855.35	84390.3811	200eU	transect (vari	77895.1905	0.05040168	0.05180224	34.6	46.0566984	46.4514733	-1%	0%	46.49760218
130	1.5	44	653883.821	44379.7511	200eU	transect (vari	39349.8755	0.06019231	0.06275641	30.96	43.7783714	44.4893937	0%	1%	43.83679466
124	1.5	46	681693.629	45219.0585	200eU	transect (vari	39721.5293	0.05828191	0.06097008	31.22	43.6213176	44.3601724	-1%	1%	43.85931754
185	1.5	48	1107404	65251.9352	200eU	transect (vari	59265.9676	0.05353041	0.05533221	33.15	44.9777287	45.4791656	-1%	0%	45.28623818
164	1.5	57	1384348.54	72970.2992	200eU	transect (vari	64529.1496	0.04662388	0.04866564	32.89	42.790808	43.318744	0%	2%	42.66554221
112	1.5	42	513296.721	37390.0129	200eU	transect (vari	32807.0064	0.06392857	0.06690476	31.89	46.1654861	47.0473176	0%	2%	46.0908543
242	1.5	40	1005975.11	66393.8439	200eU	transect (vari	62236.9219	0.06188223	0.06325964	32.04	45.787005	46.1862643	-1%	0%	46.15459551
128	1.5	39	505814.261	37855.3478	200eU	transect (vari	33903.6739	0.06704327	0.06964744	31.08	45.8929068	46.6659184	0%	2%	45.82527716
151	1.5	62	1508037.75	76146.0099	200eU	transect (vari	66159.005	0.04388058	0.04608809	33.33	42.6563797	43.2239056	0%	1%	42.67573153
340	1.5	55	2672121.38	127918.361	200eU	transect (vari	120059.181	0.04494118	0.04592157	33.35	42.9537132	43.2069171	-1%	0%	43.17195514
350	1.5	58	3058974.93	139279.857	200eU	transect (vari	130539.928	0.04288473	0.04363711	33.58	42.6715244	42.9142768	-1%	-1%	43.16536111
266	1.5	61	2571539.46	116690.883	200eU	transect (vari	107023.442	0.04162825	0.04288138	33.92	42.8339882	43.1540762	0%	0%	43.01625922
142	1.5	56	1156954.51	64007.134											

170	1.5	42	779111.094	52006.0129	200eU	transect (vari	47423.0064	0.06088235	0.06284314	30.88	43.8532425	44.3974484	-1%	1%	44.17544989
228	1.5	42	1044925.47	66622.0129	200eU	transect (vari	62039.0064	0.05938596	0.06084795	30.77	43.2897631	43.6876037	-2%	-1%	44.26133881
105	1.5	55	825213.957	50368.3611	200eU	transect (vari	42509.1805	0.05152381	0.05469841	32.46	43.5042644	44.3591116	0%	2%	43.4052751
340	1.5	49	2120913.53	112435.962	200eU	transect (vari	106197.981	0.05008403	0.05106443	32.31	42.9252814	43.1821061	-1%	0%	43.26883716
147	1.5	61	1421113.91	73136.8832	200eU	transect (vari	63469.4416	0.04467157	0.04693915	33.43	42.9874162	43.5764272	0%	1%	43.1536072
190	1.5	42	870771.223	57046.0129	200eU	transect (vari	52463.0064	0.06026316	0.06201754	30.93	43.754162	44.2386161	-1%	0%	44.18470693
238	1.5	54	1803085.68	92263.9805	200eU	transect (vari	84687.9902	0.04697946	0.04838002	32.88	42.8698998	43.2337214	-1%	0%	43.26969033
109	1.5	57	920085.308	54160.2992	200eU	transect (vari	45719.1496	0.04970063	0.05275873	32.73	43.3821482	44.1984937	0%	2%	43.23095974
230	1.5	41	1004494.21	65314.7322	200eU	transect (vari	60947.3661	0.06068929	0.06213856	30.83	43.7292714	44.1291888	-1%	0%	43.98848804
120	1.5	70	1527668.81	75861.1469	200eU	transect (vari	63130.5734	0.04133333	0.04411111	34.11	42.9986737	43.71513	0%	1%	43.0783762
245	1.5	44	1232319.51	74739.7511	200eU	transect (vari	69709.8755	0.05658163	0.05794218	31.36	43.3571641	43.7247247	-1%	0%	43.94327333
124	1.5	54	939422.789	55327.9805	200eU	transect (vari	47751.9902	0.05084229	0.05353047	32.49	43.3639613	44.0824549	1%	3%	42.95834783
212	1.5	61	2049497.62	96926.8832	200eU	transect (vari	87259.4416	0.04258583	0.04415816	33.66	42.7480613	43.1505378	0%	1%	42.85032917
104	1.5	60	972719.734	56146.1487	200eU	transect (vari	46793.0744	0.04811538	0.05132051	33.02	43.3484203	44.1999575	0%	2%	43.33637417
367	1.5	56	2990157.09	139607.134	200eU	transect (vari	131459.567	0.0439748	0.04488306	33.29	42.6295097	42.8615989	-1%	0%	42.86489956
141	1.5	53	1029017.45	59433.9922	200eU	transect (vari	52135.9961	0.0506771	0.05304117	32.46	43.2803742	43.9097923	0%	2%	43.06936041
60	1.5	54	454559.414	34591.9805	200eU	transect (vari	27015.9902	0.05944444	0.065	31.61	44.4877865	46.0716297	3%	6%	43.30002998
234	1.5	40	972719.734	64473.8439	200eU	transect (vari	60316.9219	0.0620235	0.06344801	30.64	43.8254782	44.2209588	-1%	0%	44.33674076
290	1.5	57	2447933.39	116062.299	200eU	transect (vari	107621.15	0.04397459	0.04512402	33.34	42.6934852	42.9879528	0%	0%	42.87573801
234	2	50	1519874.58	83190.3811	200eU	transect (vari	70200	0.04628547	0.0504735	32.67	42.4186333	43.5064468	-3%	0%	43.5063187
88	2	44	442629.048	33591.7511	200eU	transect (vari	23232	0.05272727	0.05363064	31.78	42.9073708	45.986393	-2%	5%	43.59159118
141	2	46	775151.626	49811.0585	200eU	transect (vari	38916	0.05035924	0.05730959	31.88	42.489147	44.2754414	-4%	1%	43.64313415
82	2	48	49849.342	35587.9352	200eU	transect (vari	23616	0.04836889	0.06032012	32.45	42.6654493	45.9207565	-2%	1%	43.64743115
80	2	57	675291.969	44242.2992	200eU	transect (vari	27380	0.04077632	0.05302632	33.7	42.3419558	45.5830345	-1%	6%	42.88894838
102	2	42	467466.657	34870.0129	200eU	transect (vari	25704	0.05519608	0.06480392	31.41	43.0560521	45.7231861	-3%	3%	44.22838547
281	2	40	1168095.06	75753.8439	200eU	transect (vari	67440	0.05782117	0.06130872	30.8	42.9116375	43.8568242	-1%	-1%	44.17967581
156	2	39	616461.131	44407.3478	200eU	transect (vari	36504	0.05935897	0.06564103	30.82	43.3528009	45.1035849	-2%	2%	44.41126545
82	2	62	818934.406	50478.0099	200eU	transect (vari	30504	0.03750197	0.04945319	34.29	42.2604493	45.381679	-2%	6%	42.97084846
81	2	55	363593.624	42448.3611	200eU	transect (vari	26730	0.04224691	0.05434568	33.46	42.4085451	45.6265241	-1%	6%	42.89887798
189	2	58	1651846.46	83251.8567	200eU	transect (vari	65772	0.03993341	0.04511859	33.78	42.2315933	43.5538649	-2%	1%	42.93283374
46	2	61	444702.313	36170.8832	200eU	transect (vari	16836	0.03830364	0.05960798	34.19	42.3359125	48.1680479	-1%	12%	42.82506997
291	2	56	2370942	114071.134	200eU	transect (vari	97776	0.04131873	0.04486643	33.51	42.2386651	43.0941164	-2%	0%	43.00914757
194	2	46	1066520.68	64539.0585	200eU	transect (vari	53544	0.05032048	0.05537203	32.11	42.7209244	44.063395	-2%	1%	43.46432798
215	2	52	1510417.59	81130.3962	200eU	transect (vari	67080	0.0445161	0.04907424	32.67	41.9710923	43.1384602	-3%	0%	43.33444955
188	2	55	1477525.94	77758.3611	200eU	transect (vari	62040	0.04210638	0.04731915	33.29	42.1578756	43.48933893	-3%	0%	43.50556847
44	2	57	371410.583	31930.2992	200eU	transect (vari	15048	0.04098086	0.06325359	33.7	42.3932414	48.5775755	-2%	12%	43.34968056
83	2	53	605733.674	40989.9922	200eU	transect (vari	26394	0.04382587	0.0556331	33.19	42.4636906	45.6188949	-2%	6%	43.11333506
291	2	55	2287021.54	111748.361	200eU	transect (vari	96030	0.04206873	0.04543643	33.45	42.351026	43.2106041	-1%	1%	42.92089748
145	2	57	1223966.69	66472.2992	200eU	transect (vari	49590	0.04066425	0.04742287	33.7	42.3138956	44.056593	-2%	2%	42.99248996
204	2	66	2308712.88	103418.44	200eU	transect (vari	80784	0.03509804	0.03990196	34.29	41.6710724	42.8612375	-3%	0%	42.96350078
94	2	42	430802.605	32854.0129	200eU	transect (vari	23688	0.05521277	0.0656383	31.39	43.0330651	45.9369552	-2%	5%	43.90299355
319	2	49	1989915.93	106261.962	200eU	transect (vari	93786	0.04720555	0.05027765	32.39	42.2885784	43.0822319	-2%	0%	43.26883716
109	2	52	765746.59	48058.3962	200eU	transect (vari	34008	0.04460656	0.05397939	32.81	42.1737593	44.5349202	-2%	3%	43.21576971
272	2	59	2459941.7	114375.807	200eU	transect (vari	96288	0.03922607	0.04282901	33.94	42.2550251	43.1660593	-1%	1%	42.82542257
149	1.5	46	819131.86	52119.0585	0eU	transect (vari	46621.5293	0.0569288	0.05916594	32.17	44.5727855	45.1972609	0%	1%	44.72219347
157	1.5	42	719532.011	48730.0129	0eU	transect (vari	44147.0064	0.06136943	0.06349257	29.39	41.864479	42.4282503	0%	1%	41.9594754
121	1.5	67	1411194.46	71967.5282	0eU	transect (vari	60304.7641	0.04274207	0.0454969	33.67	42.8006233	43.5106863	0%	1%	43.01480355
180	1.5	60	1683553.38	83506.1487	0eU	transect (vari	74153.0744	0.04405556	0.04590741	33.26	42.6114837	43.086572	0%	1%	42.5024583
377	1.5	51	2547613.78	128877.192	0eU	transect (vari	122119.596	0.04794664	0.04883081	32.72	42.9108815	43.1408947	-1%	-1%	43.41844687
163	1.5	57	1375907.39	72628.2992	0eU	transect (vari	64187.1496	0.04666129	0.04870627	33.74	43.9071411	44.4522918	0%	2%	43.78054805
149	1.5	42	682867.959	46714.0129	0eU	transect (vari	42131.0064	0.06171141	0.06394855	30.79	43.9540539	44.5787636	-1%	1%	44.17585821
221	1.5	42	1012844.42	64858.0129	0eU	transect (vari	60275.0064	0.05952489	0.06103318	31.12	43.9324645	44.3492515	-1%	-1%	44.66568747
70	1.5	55	550142.638	38818.3611	0eU	transect (vari	30959.1805	0.05628571	0.06104762	32.58	44.9616219	46.3156149	2%	5%	44.25885065
326	1.5	49	2033581.8	108319.962	0eU	transect (vari	102081.981	0.05021034	0.05123284	32.87	43.7027349	43.9755906	-1%	0%	44.02408565
155	1.5	61	1498453.45	76064.8832	0eU	transect (vari	66397.4416	0.04432047	0.046471	30.49	41.691295	42.2324261	0%	1%	41.88310228
159	1.5	42	728698.023	49234.0129	0eU	transect (vari	44651.0064	0.06128931	0.06338574	32.89	43.9796837	44.5643033	-1%	1%	44.27121607
158	1.5	54	1197006.46	66343.9805	0eU	transect (vari	58767.9902	0.04910689	0.0512166	33.44	44.1638971	44.733779	0%	1%	44.29292898
65	1.5	57	548674.725	39112.2992	0eU	transect (vari	30671.1496	0.05591093	0.06103914	31.87	43.8801516	45.3040592	2%	6%	42.87622526
163	1.5	41	711880.676	48832.7322	0eU	transect (vari	44465.3661	0.06247643	0.06452142	30.04	43.0891816	43.6497405	0%	1%	43.08408808
218	1.5	70	2138736.34	96021.1469	0eU	transect (vari	83290.5734	0.03895238	0.04093651	34.7	43.13173	43.639823	-1%	0%	43.48366418
229	1.5	44	1151841.5	70515.7511	0eU	transect (vari	65485.8755	0.05866681	0.05832242	31.77	44.0016276	44.4012246	-1%	0%	44.52327724
346	1.5	54	2621292.62	127255.98	0eU	transect (vari	119679.99	0.04566795	0.04663134	32.65	42.2358268	42.4809773	-1%	0%	42.4873444
328	1.5	61	3170920.84	139382.883	0eU	transect (vari	129715.442	0.04091763	0.04193389	33.93	42.6664538	42.9242273	-1%	0%	42.96062157
69	1.5	60	645362.131	43546.1487	0eU	transect (vari	34193.0744	0.05299275	0.05782367	31.93	43.1800902	44.4867529	0%	5%	42.56209536
403	1.5	56	3283469.5	151703.134	0eU	transect (vari	143555.567	0.04373139	0.04455852	32.41	41.442488	41.6477451	-1%	0%	41.88619779
366	1.5	53	2671066.56	130983.992	0eU	transect (vari	123685.996	0.04631715	0.04722789	33.09	42.9723222	43.2085059	-1%	-1%	43.43902395
234	1.5	54	1772781.71	90967.9805	0eU	transect (vari	83391.9902	0.0470							

212	1.5	57	1789523.72	89386.2992	OeU	transect (vari	80945.1496	0.0452433	0.04681562	33.49	43.2122645	43.6222266	-1%	0%	43.81271796
153	1.5	53	1116593.4	63249.9922	OeU	transect (vari	55951.9961	0.05012085	0.0522995	32.4	43.054827	43.6304519	0%	2%	42.94174894
124	1.5	55	974538.387	56638.3611	OeU	transect (vari	48779.1805	0.05006452	0.05275269	33.56	44.5806998	45.3176724	1%	3%	44.21010934
270	1.5	57	2279110.39	109222.299	OeU	transect (vari	100781.15	0.04423002	0.04546459	31.95	40.9757746	41.2796597	-1%	0%	41.19820449
79	1.5	66	894060.378	53918.44	OeU	transect (vari	42601.22	0.04765823	0.05187764	31.71	41.5141133	42.5911933	1%	4%	41.06038153
118	1.5	42	540794.76	38902.0129	OeU	transect (vari	34319.0064	0.06347458	0.06629944	28.54	41.2000551	41.9456045	1%	2%	40.98752084
148	1.5	49	923221.186	55987.962	OeU	transect (vari	49749.981	0.05389961	0.05615187	32.29	43.9106035	44.5244692	0%	2%	43.72750777
104	1.5	52	730620.6	46498.3962	OeU	transect (vari	39473.1981	0.05403846	0.05724359	32.11	43.703304	44.5769316	1%	3%	43.24270074
325	1.5	59	2939268.57	133137.807	OeU	transect (vari	124093.903	0.04222947	0.04325511	34.08	43.1900179	43.4543667	-1%	0%	43.41520201
238	1.5	46	1308411.96	76683.0585	OeU	transect (vari	71185.5293	0.05441907	0.05581963	31.21	42.5776139	42.9468836	-1%	0%	43.04879263
162	1.5	42	742447.043	49990.0129	OeU	transect (vari	45407.0064	0.06117284	0.06323045	30.32	43.136526	43.6990172	0%	1%	43.29280723
149	1.5	67	1737751.85	83223.5282	OeU	transect (vari	71560.7641	0.04118902	0.04342616	33.5	42.1936255	42.7582514	-1%	0%	42.55244573
204	1.5	60	1908027.17	92146.1487	OeU	transect (vari	82793.0744	0.04340196	0.04503595	33.02	42.1395176	42.5529004	0%	1%	42.12027456
214	1.5	51	1446125.59	78999.1925	OeU	transect (vari	72241.5962	0.04996701	0.05152465	31.94	42.4035655	42.8075572	0%	1%	42.47247985
284	1.5	57	2397286.49	114010.299	OeU	transect (vari	105569.15	0.04404744	0.04522115	32.83	42.0586963	42.3550078	0%	0%	42.24178584
235	1.5	42	1077006.51	68386.0129	OeU	transect (vari	63803.0064	0.05925532	0.06067376	30.46	42.8186938	43.2002579	-1%	0%	43.41206585
135	1.5	42	618705.869	43186.0129	OeU	transect (vari	38603.0064	0.06240741	0.06487654	30.2	43.3006745	43.9820686	0%	1%	43.48076654
78	1.5	55	613016.082	41458.3611	OeU	transect (vari	33599.1805	0.05482051	0.05909402	31.6	43.216343	44.3765442	1%	4%	42.72519245
41	1.5	49	255757.22	24529.962	OeU	transect (vari	18291.981	0.0715331	0.07966318	29.66	45.0790469	47.5479696	6%	12%	42.58095976
119	1.5	61	1150425.55	62888.8832	OeU	transect (vari	53221.4416	0.04627221	0.04907333	32.74	42.5061347	43.2306532	0%	2%	42.49229692
197	1.5	42	902852.268	58810.0129	OeU	transect (vari	54227.0064	0.05007614	0.05176819	30.43	42.9694996	43.4552588	-1%	0%	43.40675944
222	1.5	54	1681869.83	87079.9605	OeU	transect (vari	79503.9902	0.04728228	0.04879378	32.35	42.2558886	42.6408555	-1%	0%	42.50522948
47	1.5	57	396734.032	32956.2992	OeU	transect (vari	24515.1496	0.06180291	0.06889511	30.94	44.1932078	46.2310398	4%	9%	42.56040653
47	1.5	41	205266.207	20296.7322	OeU	transect (vari	15929.3661	0.07761806	0.08471026	28.7	45.390234	47.5801488	5%	10%	43.22833483
140	1.5	70	1782280.28	84261.1469	OeU	transect (vari	71530.5734	0.04014286	0.04252381	33.72	42.208744	42.8084702	0%	1%	42.40725512
114	1.5	44	573405.812	40155.7511	OeU	transect (vari	35125.8755	0.06127193	0.06419591	30.43	43.3199643	44.1261877	0%	2%	43.1934364
407	1.5	54	3083428.02	147019.98	OeU	transect (vari	139443.99	0.04523478	0.04605378	32.53	41.9713956	42.1781076	-1%	0%	42.30409337
113	1.5	61	1092420.9	60692.8832	OeU	transect (vari	51025.4416	0.04671841	0.04966826	32.69	42.5552492	43.3206201	1%	3%	42.19914717
70	1.5	60	654715.205	43906.1487	OeU	transect (vari	34553.0744	0.05278571	0.05754762	32	43.2198445	44.5078166	1%	4%	42.66703586
394	1.5	56	3210141.4	148679.134	OeU	transect (vari	140531.567	0.04378807	0.04463409	32.81	41.9680468	42.1807047	-1%	0%	42.21719784
277	1.5	53	2021544.91	102681.992	OeU	transect (vari	95383.9961	0.04719501	0.04839838	32.32	42.1945064	42.5020997	0%	0%	42.39640165
94	1.5	54	712143.082	45607.9805	OeU	transect (vari	38031.9902	0.05341608	0.05696217	31.71	42.993962	43.9445489	1%	3%	42.62159633
129	1.5	40	536242.93	39273.8439	OeU	transect (vari	35116.9219	0.06550194	0.06808592	29.78	43.5430577	44.2672967	0%	2%	43.53300947
351	1.5	57	2962843.51	136924.299	OeU	transect (vari	128483.15	0.04337532	0.04432499	32.9	41.9797092	42.2183133	-1%	0%	42.21690624
177	2	50	1149648.72	66090.3811	OeU	transect (vari	53100	0.04631299	0.05184972	32.25	41.8802339	43.3088872	-2%	1%	42.81293674
44	2	44	221314.524	21675.7511	OeU	transect (vari	11616	0.05295455	0.05722727	31.29	42.3046305	48.7146056	-2%	13%	43.2399618
136	2	46	747663.98	48531.0585	OeU	transect (vari	37536	0.05036445	0.05757033	31.6	42.0536329	43.9576688	-3%	1%	43.30908191
99	2	48	592610.792	40483.9352	OeU	transect (vari	28512	0.04832702	0.05822601	31.96	42.0105561	44.6400317	-2%	4%	42.93122212
325	2	57	2743373.62	128032.299	OeU	transect (vari	111150	0.04058785	0.04360324	33.2	41.6672649	42.4201064	-1%	0%	42.25200205
173	2	42	792860.114	52762.0129	OeU	transect (vari	43596	0.05511561	0.06078035	30.88	42.3085417	43.8252009	-3%	1%	43.44890348
42	2	40	174590.721	18393.8439	OeU	transect (vari	10080	0.05822619	0.08155952	30.51	42.6147965	49.5323909	-2%	14%	43.39542121
123	2	39	486055.892	36685.3478	OeU	transect (vari	28782	0.05939337	0.06736085	30.18	42.4616661	44.6541307	-3%	2%	43.60137832
202	2	62	2017375	95118.0099	OeU	transect (vari	75144	0.03735707	0.04220856	33.6	41.3749142	42.5762847	-2%	1%	42.3172507
166	2	55	1304623.97	70498.3611	OeU	transect (vari	54780	0.04212048	0.0480241	32.96	41.7434644	43.2457986	-1%	2%	42.23549327
65	2	58	58095.344	40099.8567	OeU	transect (vari	22620	0.04013528	0.0552122	33.32	41.7061805	45.6787747	-1%	8%	42.27391875
270	2	61	2610209.23	118154.883	OeU	transect (vari	98820	0.03794293	0.04157256	33.59	41.504953	42.4032535	-2%	1%	42.16230103
122	2	56	994003.174	57287.134	OeU	transect (vari	40992	0.04141393	0.04944672	33.09	41.7328028	43.7918016	-1%	3%	42.34405766
291	2	46	1599781.02	91311.0585	OeU	transect (vari	80316	0.05028612	0.05365382	31.61	42.046911	42.9209559	-2%	0%	42.74931847
99	2	52	695494.609	44938.3962	OeU	transect (vari	30888	0.0446251	0.05452409	32.55	41.8441954	44.4343891	-2%	4%	42.65085631
138	2	55	1084566.91	61258.3611	OeU	transect (vari	45540	0.04214493	0.04924638	32.94	41.7241918	43.5403696	-3%	2%	42.8223494
131	2	57	1105790.6	61684.2992	OeU	transect (vari	44802	0.04067899	0.0481599	33.12	41.5892703	43.4913962	-3%	2%	42.67502885
197	2	53	1437705.23	77241.9922	OeU	transect (vari	62646	0.04368643	0.04866105	32.69	41.7892026	43.0570181	-2%	1%	42.45208759
370	2	55	2907896.8	137818.361	OeU	transect (vari	122100	0.04205405	0.0447027	32.72	41.4231639	42.0822679	-2%	0%	42.25676951
268	2	57	2262228.1	108538.299	OeU	transect (vari	91656	0.04060094	0.04425766	33.19	41.6579385	42.5733189	-2%	1%	42.34246744
131	2	66	1482555.82	74510.44	OeU	transect (vari	51876	0.03515267	0.04263359	33.67	40.930634	42.7729069	-3%	1%	42.30369509
169	2	42	774528.088	51754.0129	OeU	transect (vari	42588	0.05511834	0.06091716	30.92	42.3640602	43.9196341	-2%	2%	43.14849982
252	2	49	1571971.21	86563.962	OeU	transect (vari	74088	0.04722222	0.05111111	32.12	41.9402773	42.9403864	-2%	1%	42.58095976
162	2	52	1138082.09	64594.3962	OeU	transect (vari	50544	0.04454653	0.05059592	32.54	41.8118998	43.3656105	-2%	2%	42.53594113
106	2	59	958653.749	55611.8066	OeU	transect (vari	37524	0.03934122	0.0485865	33.44	41.6607819	44.0250063	-1%	4%	42.17169717

* 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