

object_id	total_views	size_MB	object_type	object_age	social_tren	spike_day	trend_start	optimal_pro
obj_1	431018	2	image	124	49.6417	17	4	17
obj_2	7928	2	music	145	100	8	4	11
obj_8	808384	1	document	94	76.09188	13	10	13
obj_10	81592	3	image	41	94.59262	15	13	15
obj_12	199311	623	video	119	56.39649	19	12	18
obj_15	463488	6	music	76	53.77988	13	8	12
obj_18	6538	6	music	174	100	8	4	18
obj_20	7330	5	music	155	100	6	2	18
obj_29	8765	111	video	162	100	7	3	25
obj_30	465022	3754	video	85	47.61639	16	13	15
obj_33	564702	4837	video	155	100	16	13	15
obj_36	138699	1	image	32	41.26274	17	10	17
obj_37	653752	2910	video	76	100	19	15	18
obj_40	318293	1	document	45	33.40096	13	10	13
obj_44	582630	3472	video	119	100	19	16	18
obj_51	8311	2	music	37	82.536	8	4	16
obj_55	5912	6	music	97	98.84743	7	4	18
obj_58	108850	2	image	42	53.96328	10	4	10
obj_63	560025	3745	video	46	71.04244	18	9	17
obj_67	173782	1044	video	95	57.91958	19	15	18
obj_69	8093	1	image	88	100	7	4	26
obj_70	6223	6	music	123	100	9	7	19
obj_72	8577	2	image	147	96.99438	8	6	26
obj_73	591400	6	music	99	56.1072	19	7	18
obj_74	68140	4850	video	83	43.19046	12	1	11
obj_75	5278	2	music	35	100	7	5	25
obj_78	486316	2562	video	112	100	17	14	16
obj_79	442433	3	music	58	66.8881	16	9	15
obj_81	264838	3	image	68	87.77548	14	5	14
obj_85	424089	2131	video	96	45.88214	12	0	11
obj_94	335509	1	image	97	34.39989	10	7	10
obj_96	198730	965	video	135	40.20679	16	11	15
obj_98	7828	3	music	156	100	9	7	11
obj_100	419772	3251	video	140	65.78948	18	5	17
obj_103	4709	5	music	169	100	9	7	25
obj_107	392258	3107	video	98	54.49727	14	11	13
obj_112	6005	4	music	97	84.11054	7	4	24
obj_114	8223	3	music	169	86.00525	8	6	16
obj_118	406593	3	image	50	84.33879	15	3	15
obj_124	156538	1154	video	151	87.2146	12	3	11
obj_128	8289	5	music	37	100	8	5	11
obj_129	4972	2	music	117	100	8	4	24
obj_131	8121	5	music	120	88.34585	9	7	11

obj_132	504050	6 music	117	92.45953	13	7	12
obj_133	341200	2 music	49	53.00184	11	7	10
obj_136	439046	6 music	145	67.5439	19	16	18
obj_139	426261	4546 video	63	59.80579	17	14	16
obj_143	447603	3 music	92	42.03432	15	6	14
obj_155	5187	4 music	131	79.94217	7	3	18
obj_156	7024	6 music	40	95.89624	8	5	18
obj_172	8303	6 music	138	100	7	5	16
obj_173	1020853	1 document	53	100	14	12	14
obj_179	621673	5 music	135	96.22911	17	15	16
obj_185	8052	415 video	88	100	7	3	24
obj_189	509267	336 video	139	37.10582	14	10	13
obj_196	347348	4 music	88	38.49748	17	9	16
obj_197	4946	6 music	37	88.997	7	5	25
obj_201	1010419	1 document	130	100	18	15	18
obj_204	702552	5 music	67	41.31075	13	10	12
obj_209	6950	3 music	65	72.27335	8	6	18
obj_210	1052445	793 video	60	100	16	5	15
obj_211	19109	329 video	143	41.54916	14	2	13
obj_213	569272	535 video	101	84.82571	18	15	17
obj_214	7119	4 music	100	73.34532	7	3	17
obj_217	776625	3792 video	55	91.85482	10	0	9
obj_219	581597	1295 video	51	100	19	17	18
obj_224	7648	6 music	30	100	8	6	17
obj_238	376205	3 music	47	68.60659	16	13	15
obj_239	5302	3 music	74	57.34391	8	5	18
obj_240	8592	2 image	65	72.89642	8	4	26
obj_241	233983	5 music	111	55.30333	13	6	12
obj_243	675124	3 music	166	60.10364	12	0	11
obj_253	7101	597 video	98	100	7	5	25
obj_254	506870	1 document	66	40.37569	12	2	12
obj_255	284593	5 music	94	50.39654	14	11	13
obj_256	386684	1 document	140	58.05013	19	9	19
obj_263	12828	3435 video	44	62.61302	19	6	18
obj_264	73368	2 music	64	46.97861	11	8	10
obj_265	86624	5 music	65	67.14753	14	7	13
obj_266	680037	3 music	111	69.43963	11	7	10
obj_268	976391	3 music	61	80.44865	13	0	12
obj_269	842125	5 music	147	57.06354	14	5	13
obj_270	4783	4 music	157	80.09004	8	6	25
obj_271	828188	2 image	96	78.49868	15	5	15
obj_279	209815	6 music	154	48.58343	13	10	12
obj_281	480866	6 music	92	53.52164	14	4	13
obj_292	7392	3 music	57	100	7	3	17

obj_295	8446	671 video	83	100	7	3	25
obj_296	487476	2 music	119	81.13795	16	11	15
obj_299	72348	2585 video	33	41.23311	10	5	9
obj_302	8271	1 image	148	90.32665	8	5	26
obj_307	669343	275 video	83	79.02611	13	2	12
obj_308	6323	3 music	56	100	7	3	19
obj_310	1219060	1347 video	35	64.98072	11	0	10
obj_311	16941	1 image	150	49.87467	14	6	14
obj_314	6215	4 music	124	100	9	5	18
obj_315	146815	2424 video	101	66.89176	10	4	9
obj_317	283658	3 music	87	42.99897	13	8	12
obj_322	48152	4 music	141	100	17	8	16
obj_324	71857	1 image	84	43.99091	16	9	16
obj_325	607716	114 video	77	49.16708	11	8	10
obj_333	426712	3237 video	153	32.06497	13	7	12
obj_336	611141	3 image	118	49.80755	16	4	16
obj_338	379965	327 video	63	65.10491	15	13	14
obj_341	7090	4 music	170	53.55367	9	6	18
obj_342	949015	3 music	128	100	16	3	15
obj_347	8476	2 image	107	79.48663	8	6	26
obj_348	275992	3 music	31	42.50911	11	1	10
obj_351	474472	1 document	48	47.75392	13	11	13
obj_352	368536	1 image	82	38.05007	16	9	16
obj_353	4675	3 music	97	100	7	5	25
obj_358	304868	5 music	67	100	15	2	14
obj_359	581470	5 music	127	61.79633	18	5	17
obj_361	4564	5 music	174	61.34332	8	5	24
obj_364	4317	5 music	155	100	7	3	25
obj_365	4470	6 music	77	82.54587	9	5	28
obj_367	7187	2 music	77	100	8	5	17
obj_378	597705	108 video	49	63.49734	13	4	12
obj_390	329715	3 music	161	71.1508	16	9	15
obj_396	8023	2 image	147	65.13505	8	4	26
obj_401	325765	4 music	155	40.8608	18	6	17
obj_404	222570	3510 video	132	100	16	5	15
obj_405	1190806	2034 video	120	100	13	2	12
obj_408	5387	2 music	150	86.71422	8	5	19
obj_422	5775	6 music	172	92.15652	7	3	23
obj_425	4563	6 music	174	79.94278	6	3	25
obj_426	212883	2 music	77	47.29287	16	14	15
obj_432	5814	2 music	154	92.55363	9	5	18
obj_433	6785	6 music	37	97.79688	7	3	17
obj_435	219532	4958 video	50	85.01546	14	9	13
obj_439	3876	3 music	35	92.7089	8	4	25

obj_443	5996	5 music	82	100	7	4	18
obj_446	546847	2 image	122	63.30356	15	10	15
obj_447	4912	6 music	104	54.59682	17	10	16
obj_448	3869	3 music	67	62.30584	7	4	25
obj_451	5818	6 music	106	100	9	7	18
obj_452	191304	6 music	146	49.67585	16	9	15
obj_454	573200	6 music	73	43.70021	10	8	9
obj_460	96828	1772 video	62	45.67315	14	1	13
obj_461	1397177	5 music	144	85.88028	12	2	11
obj_463	436347	929 video	111	43.42028	13	6	12
obj_464	4383	4 music	123	100	8	5	26
obj_473	1172098	4117 video	143	100	13	8	12
obj_484	288953	1 image	61	56.24399	10	7	10
obj_487	219304	2 music	68	66.80595	17	8	16
obj_488	64367	3 music	106	34.63986	14	5	13
obj_489	537933	6 music	32	40.66531	17	8	16
obj_492	370412	2 music	61	90.25446	15	3	14
obj_495	1128354	1834 video	142	100	13	10	12
obj_496	396083	1 document	152	38.52558	15	8	15
obj_497	489378	2521 video	92	30.56886	14	9	13
obj_498	223363	1783 video	132	40.38822	11	0	10
obj_499	4493	3 music	36	100	7	3	25
obj_500	46304	4 music	42	51.93197	12	10	11
obj_503	162744	1424 video	82	38.21096	16	9	15
obj_506	506213	3 music	86	57.97229	17	5	16
obj_508	628933	1 document	143	54.26384	12	7	12
obj_516	937427	2 music	110	100	18	12	17
obj_521	7381	322 video	133	100	7	4	26
obj_526	4844	4 music	153	100	7	5	18
obj_527	568715	5 music	112	45.04024	14	2	13
obj_529	851859	4 music	84	38.23294	13	10	12
obj_530	138139	3 music	56	66.69332	18	16	17
obj_531	5329	4 music	150	75.59115	8	4	18
obj_533	7760	2 music	141	88.2592	8	4	18
obj_534	8705	2 music	114	46.62923	8	6	11
obj_536	3700	4 music	124	100	8	6	25
obj_541	3865	3 music	103	100	9	6	25
obj_543	867973	1374 video	111	48.28531	12	0	11
obj_550	442310	1 document	175	49.21398	13	8	13
obj_559	5147	5 music	118	93.58494	7	3	24
obj_560	169106	3 image	53	39.20997	10	0	10
obj_563	5314	3 music	35	75.82638	8	4	25
obj_565	891004	5 music	31	78.20096	16	7	15
obj_567	7766	2 music	162	57.11619	7	4	11

obj_568	8332	418 video	159	94.30424	9	6	25
obj_573	4043	6 music	129	100	8	6	25
obj_576	570051	2092 video	152	52.85725	10	4	9
obj_583	485495	4 music	112	100	19	17	18
obj_584	597312	3090 video	38	56.34573	13	8	12
obj_589	5480	3 music	79	99.58263	8	5	25
obj_593	4145	3 music	80	83.08458	8	5	25
obj_598	7556	1 image	55	100	9	5	26
obj_605	74791	2 music	41	36.31557	18	9	17
obj_607	4831	3 music	57	100	8	4	24
obj_610	6989	2 music	154	100	9	5	18
obj_613	322494	1 document	83	45.09142	18	13	18
obj_626	99940	1 image	145	38.07691	10	0	10
obj_631	443000	266 video	89	62.57656	12	2	11
obj_637	6638	2 music	87	100	7	3	18
obj_645	8037	1 image	162	100	8	5	26
obj_648	8552	5 music	129	100	7	3	16
obj_650	5052	3 music	54	96.70793	8	5	18
obj_653	129622	2 music	92	100	19	13	18
obj_658	7382	4 music	161	100	9	7	18
obj_662	413503	2967 video	60	45.71739	15	9	14
obj_664	8119	3 image	95	100	7	3	26
obj_667	528030	2 music	173	100	17	11	16
obj_675	432199	4 music	89	55.20576	14	2	13
obj_676	207409	4017 video	165	54.38563	13	1	12
obj_678	435536	5 music	41	36.70869	18	5	17
obj_684	119047	3 music	96	96.49819	13	6	12
obj_685	5767	5 music	115	78.15484	9	6	23
obj_687	412551	3 music	65	38.36246	15	10	14
obj_689	458739	3 image	33	33.43262	15	13	15
obj_691	8543	384 video	178	100	8	6	25
obj_695	8465	249 video	77	100	7	5	25
obj_699	7216	4 music	105	100	7	4	18
obj_700	354416	3 image	77	51.49898	13	7	13
obj_706	461986	3 music	123	54.44052	14	11	13
obj_708	704658	5 music	63	100	17	9	16
obj_714	530558	1 document	42	77.18107	16	4	16
obj_722	469455	1 document	135	54.54872	18	7	18
obj_723	470867	1 document	168	36.49574	14	7	14
obj_727	393709	3 image	148	81.92764	15	8	15
obj_728	690463	3 music	43	89.44652	17	8	16
obj_733	859096	1001 video	92	82.17057	15	4	14
obj_735	8214	3 music	41	56.87577	7	5	16
obj_736	209000	4057 video	87	41.94516	12	5	11

obj_737	448771	1032 video	124	59.10107	10	0	9
obj_738	521995	1926 video	112	52.50053	14	8	13
obj_741	752354	6 music	38	56.7829	15	3	14
obj_742	7527	4 music	135	69.27512	7	3	11
obj_743	352405	3 music	178	73.33687	16	4	15
obj_745	256606	3 image	113	75.87165	19	6	19
obj_746	188625	1 document	92	93.77894	15	11	15
obj_747	546526	5 music	40	41.65191	10	4	9
obj_748	8262	3 music	153	100	9	5	16
obj_749	245060	1831 video	59	41.17906	12	0	11
obj_751	452673	3692 video	162	48.91361	10	5	9
obj_753	418240	2715 video	123	47.36612	13	1	12
obj_758	816621	1 document	163	88.68284	13	4	13
obj_760	8108	6 music	36	69.89179	7	3	17
obj_767	208061	6 music	148	49.06457	13	10	12
obj_768	7034	4 music	121	85.22483	7	5	17
obj_773	7998	2928 video	31	33.48189	17	10	16
obj_780	4500	3 music	142	100	9	6	25
obj_781	159554	2751 video	70	49.48012	13	4	12
obj_783	780136	3209 video	123	49.62005	13	3	12
obj_787	7229	717 video	150	87.58278	9	7	25
obj_788	404300	4828 video	131	87.3203	18	11	17
obj_789	5098	4 music	111	100	7	3	24
obj_799	4625	5 music	81	58.62859	8	5	24
obj_802	691104	1 image	30	49.14113	10	0	10
obj_805	309051	3 music	170	33.9973	16	6	15
obj_807	7136	5 music	47	93.33096	7	5	16
obj_813	4050	5 music	110	100	7	3	25
obj_814	183374	6 music	110	45.25189	12	3	11
obj_816	91375	3 music	126	100	13	0	12
obj_817	618186	505 video	90	78.41402	17	9	16
obj_826	596579	2 music	30	53.38266	11	4	10
obj_829	521141	1686 video	124	51.99118	12	3	11
obj_830	7249	5 music	180	100	7	5	17
obj_835	343022	2 music	174	96.6563	13	2	12
obj_836	8070	2 music	42	100	7	5	12
obj_838	87187	2 image	94	100	19	12	19
obj_839	363631	1516 video	113	51.62681	10	0	9
obj_849	4971	3 music	162	78.00626	7	5	24
obj_852	8482	6 music	93	75.09522	7	3	11
obj_859	878432	2 image	139	50.93518	12	0	12
obj_860	8181	3 image	149	96.72778	9	5	26
obj_861	618227	3 music	175	48.2327	15	8	14
obj_871	5163	6 music	38	74.37984	7	3	24

obj_873	75338	4 music	71	39.00202	10	3	9
obj_876	84787	4 music	133	40.98719	15	11	14
obj_879	575819	3748 video	147	49.062	10	0	9
obj_889	7876	3 image	40	88.17202	9	6	26
obj_895	31562	3 music	99	44.81943	15	8	14
obj_896	522625	1 document	139	43.46019	17	12	17
obj_898	268644	1 image	115	37.13888	13	7	13
obj_900	351101	5 music	165	82.09377	14	7	13
obj_903	258910	3 music	173	46.65065	14	8	13
obj_907	548618	2 music	124	80.23736	14	5	13
obj_909	705399	3 music	144	65.4923	14	2	13
obj_910	205663	1560 video	119	65.70632	19	6	18
obj_917	125423	2021 video	59	60.7012	14	8	13
obj_919	5389	6 music	39	100	8	5	19
obj_920	8109	3 image	143	98.98275	8	4	26
obj_921	62544	4121 video	56	97.7153	14	9	13
obj_923	526156	2511 video	67	56.10998	14	6	13
obj_931	240538	5 music	105	48.29973	13	1	12
obj_942	8642	5 music	127	100	8	4	16
obj_947	205806	5 music	77	76.31825	10	0	9
obj_953	448163	6 music	74	49.1355	15	8	14
obj_954	78622	3 music	142	100	18	5	17
obj_956	4704	5 music	161	100	6	2	26
obj_959	581152	1 document	77	78.42746	16	10	16
obj_961	361579	3 image	143	55.07252	17	9	17
obj_962	7862	1 image	76	82.52435	7	4	26
obj_963	931711	4941 video	88	100	18	6	17
obj_964	5411	3 music	135	100	8	5	24
obj_968	135910	1 image	139	29.55121	11	1	11
obj_969	472993	3 music	30	38.65388	16	12	15
obj_975	522934	6 music	100	100	19	14	18
obj_976	77051	1 document	178	43.70845	18	14	18
obj_983	4992	2 music	130	100	7	4	25
obj_984	101733	1 document	83	40.60327	12	5	12
obj_990	24712	475 video	176	43.45711	10	2	9
obj_993	685413	2516 video	73	100	18	16	17
obj_994	5971	6 music	175	78.99774	8	6	18
obj_995	332776	1 document	126	62.63308	14	11	14

	days_until_avg_30d	avg_14d	avg_7d	avg_3d	volatility	trend_acceleration	pre_spike_z	post_spike_z
17	14367.27	2248.357	74.28571	10	1.180124	-507.5	3737.824	28267.31
11	264.2667	128.3571	59.85714	16.33333	0.652368	-20.25	65.25	336.6364
13	26946.13	8039.5	12.14286	11	0.993783	-726.75	1543.923	46371.35
15	2719.733	10	9.857143	10	1.15769	-128.5	41.8	5397.667
18	6643.7	25.28571	15.42857	14.66667	1.784924	417	702.2632	16906.18
12	15449.6	8045.357	12	9.333333	1.327626	70.25	2149.846	25620
18	217.9333	103.1429	49	12.33333	0.606177	-34.25	54.125	277.5
18	244.3333	126.5	63.85714	16.33333	0.621811	6.5	51.33333	292.5833
25	292.1667	138.6429	67.85714	17.33333	0.639817	-54.5	67.85714	360.4348
15	15500.73	11.14286	8.857143	6	1.297965	-322.75	607.375	32521.71
15	18823.4	11.5	12.71429	14.33333	1.228105	1170.75	371.625	39911.14
17	4623.3	126.2857	9.857143	7	1.627388	-12.75	743.0588	9697.462
18	21791.73	12.35714	12.42857	10.33333	1.602382	135.25	1334.632	57126.73
13	10609.77	4924.857	7.285714	9.333333	1.369708	-94.25	744.0769	18154.12
18	19421	12.64286	15	9	1.452539	1468.25	860.4737	51480.09
16	277.0333	127.5714	60.14286	16.66667	0.609366	-33.5	64.375	354.3636
18	197.0667	95.5	46.14286	12	0.63774	34	46.14286	243
10	3628.333	3692.143	71.57143	11.33333	1.076639	7	331.7	5276.65
17	18667.5	731.2857	11.57143	9.666667	1.447744	-683.75	2814.889	42446.42
18	5792.733	13.07143	10.71429	10.33333	2.006528	265.75	414.4737	15082.45
26	269.7667	117.8571	59.85714	15.66667	0.65843	-54.25	59.85714	333.6522
19	207.4333	99	51.42857	12.66667	0.643969	-13.25	59.33333	270.9048
26	285.9	136	65.57143	15.66667	0.649128	36	71.75	363.7727
18	19713.33	1666	11.85714	14.33333	1.583064	201.5	4589.526	45836.27
11	2271.333	2561.357	175.2857	19.33333	1.543297	5.25	692.75	3323.722
25	175.9333	85.64286	42.14286	13.66667	0.599857	6.25	42.14286	216.6522
16	16210.53	10.14286	11.57143	4.666667	1.241377	-1038	231.7059	37105.92
15	14747.77	872.6429	12.14286	7.333333	1.276186	-518.25	2114.875	29185.36
14	8827.933	1244.786	27.14286	13.33333	0.896676	-902.75	1244.786	15463.19
11	14136.3	11601.43	1311.714	88.33333	1.053315	-252.5	4075.75	20843.33
10	11183.63	12397.29	15.42857	14	1.217577	346.5	748	16401.45
15	6624.333	185.5714	12.85714	9	1.460658	59.5	862.3125	13209.5
11	260.9333	127.5	66.14286	15.33333	0.614556	1	76	340.1905
17	13992.4	1945.071	39.14286	10.66667	1.403964	-649.5	3780.167	29310.75
25	156.9667	74.42857	36.42857	11.33333	0.626546	14	42.55556	206
13	13075.27	1187.929	11.42857	6	1.548893	253.5	1187.929	23476.69
24	200.1667	92.78571	44.14286	10.66667	0.65916	-2.5	44.14286	247.6522
16	274.1	128.7143	59.85714	15.66667	0.609007	-16	64.25	350.4091
15	13553.1	1638.143	197	12.33333	0.989162	-693.5	1955	25151.2
11	5217.933	2886.929	124.4286	9.666667	0.942195	-321	511.5833	8355.5
11	276.3	129.8571	58.71429	16	0.650128	17.25	64	353.5
24	165.7333	75.64286	38.14286	10	0.621539	-17.25	40.75	211.1818
11	270.7	122.8571	61	17.33333	0.60209	-6.5	73.66667	355.1429



12	16801.67	6042.929	8	9.666667	0.983677	-847	1765.154	28300.18
10	11373.33	14547.43	4.714286	2.666667	1.647389	117.5	1696.727	16975.58
18	14634.87	12	11	3.333333	1.943017	917.5	652.1053	38786.91
16	14208.7	11.64286	9.714286	8	1.66974	3.75	924.8824	31579.85
14	14920.1	3346.214	8.571429	5.666667	1.414863	113.5	4528.4	25311.8
18	172.9	80.14286	37	9.333333	0.635505	-19.75	37	214.2609
18	234.1333	108.6429	54	14	0.648738	-1.75	57.25	298.4545
16	276.7667	122.6429	59.14286	16	0.652673	-15.75	59.14286	343
14	34028.43	305.2857	13.28571	10	1.036978	-3313.25	305.2857	63536.19
16	20722.43	8.928571	8.285714	9	1.422916	290.25	246	47499.31
24	268.4	118.4286	59.14286	16.66667	0.63936	-51	59.14286	332.087
13	16975.57	1413.286	10.42857	11.33333	1.326602	245	1413.286	30592.56
16	11578.27	982.7143	5.428571	7	1.593744	204.25	2436.235	23533.23
25	164.8667	78.42857	34.85714	10.33333	0.638948	-6	34.85714	204.4348
18	33680.63	11	13.85714	7.666667	1.294997	2854.5	1119.611	82522.17
12	23418.4	9004.5	9.142857	5.333333	1.199036	-1514.25	1191.846	40415.18
18	231.6667	110.3571	57	13.33333	0.622011	-16	62	293.3636
15	35081.5	3203.214	41.57143	9	0.993777	3911.75	5173.625	69261.93
13	636.9667	235.5714	33.28571	14	1.172374	-29.75	235.5714	988.1875
17	18975.73	13.64286	11.57143	12.33333	1.522551	-1780.5	959.8889	45999.5
17	237.3	109.1429	53.57143	16.66667	0.664042	5	53.57143	293.2174
9	25887.5	18926.86	964.2857	154.6667	0.792578	661	2577	37542.75
18	19386.57	16.35714	17	12	1.572055	-798.5	278.6842	52391.09
17	254.9333	118.5	59.42857	17.33333	0.63511	44.25	64.75	324.0909
15	12540.17	11.28571	10	7	1.363322	-443	634.5625	26146.57
18	176.7333	83.5	43.85714	13	0.612623	-27.75	46.125	224.2273
26	286.4	138.6429	66.85714	18	0.606341	-33.75	73.375	363.8636
12	7799.433	5578.857	10.85714	3	1.450489	76.75	2053.615	12193.29
11	22504.13	13781	1796.714	111.6667	0.895607	-717	3969.833	34860.33
25	236.7	112.4286	51.71429	15	0.636515	29.75	51.71429	293
12	16895.67	13998.36	1176.143	11.33333	1.159829	50.25	4181.583	25371.72
13	9486.433	488.2143	14	10	1.278644	-101.5	488.2143	17359.88
19	12889.47	331.0714	9.571429	13	1.516514	749.25	3147.421	29716.64
18	427.6	58.28571	10.57143	4.333333	1.419032	-23.75	143.2632	918.7273
10	2445.6	3051.429	12.85714	6.333333	1.674133	13.75	173.6364	3760.947
13	2887.467	474.4286	11.71429	7.666667	1.09308	6.25	474.4286	4998.875
10	22667.9	12692.64	9.142857	1.666667	0.827782	-923.25	1384.273	34990
12	32546.37	15937.14	2373	172.3333	0.917302	-339.5	8134	51214.65
13	28070.83	6209.786	37.57143	2.333333	1.035718	367	6209.786	47199.25
25	159.4333	77.71429	38.14286	11.33333	0.611406	7	41.25	202.4091
15	27606.27	4368	45.28571	9.666667	0.994415	-2142.25	5443.933	49768.6
12	6993.833	3076	13.57143	4.333333	1.382919	106.5	275.6154	12131.29
13	16028.87	3872.786	92.28571	6	1.016016	-443.75	3872.786	26665.44
17	246.4	128.9286	59.14286	17.33333	0.572035	-1.5	59.14286	303.3913

25	281.5333	130.7143	57.14286	15	0.673227	-14.75	57.14286	349.8261
15	16249.2	353.5	11.14286	12.66667	1.228611	-1217	913.1875	33776.07
9	2411.6	3185.929	30	9.666667	1.386753	-2.5	361.8	3436.5
26	275.7	117.6429	58.71429	15.66667	0.652954	-25	65.75	352.0455
12	22311.43	8198.571	553.4286	8.666667	0.872286	-307	3824.769	36448.29
19	210.7667	99.07143	47	13.33333	0.622006	-19.75	47	260.6087
10	40635.33	26049.71	1880.429	307	0.847425	-2847.5	3893.727	61906.79
14	564.7	173.3571	10.71429	4.666667	1.378955	3.5	173.3571	907.125
18	207.1667	104.2857	51	13	0.608313	-21.25	58.55556	270.8571
9	4893.833	3634.286	95.71429	9.333333	0.803684	-138.5	408.1	7136.7
12	9455.267	3831.643	10.57143	14	1.07042	-131.5	1176.385	15786.18
16	1605.067	55.71429	12	6	1.113639	174.75	160.1765	3494.538
16	2395.233	214.5714	10.28571	12	1.385149	47.25	352.3125	4730
10	20257.2	25503.64	11.14286	3	1.660041	-181.75	1999.818	30827.26
12	14223.73	8514.929	14.42857	13.33333	1.439424	447	2224.846	23399.35
16	20371.37	3601.571	203.5714	9	1.244458	185.5	6032.688	36758.43
14	12665.5	11.07143	10.71429	2	1.571468	-95.25	164.1333	25166.87
18	236.3333	109.9286	53.28571	13.66667	0.616389	39	62.33333	310.9048
15	31633.83	4342.786	357.2857	12	0.971338	-2730.75	6051.438	60870.86
26	282.5333	134.1429	66.85714	20.33333	0.620386	-69.5	70.5	359.6364
10	9199.733	8453.143	647.1429	40.33333	1.0461	46.5	1984.455	13377
13	15815.73	5241.357	8.857143	10.33333	1.129099	247.75	560.7692	27481.29
16	12284.53	961	15.14286	12	1.271239	412.75	1836.063	24225.64
25	155.8333	76.5	34.85714	9.333333	0.626918	12	34.85714	192.6522
14	10162.27	1766.857	197	11	0.925283	572.5	1997.933	18326.6
17	19382.33	2315.429	37.71429	8.666667	1.374441	-84.25	5759.611	39816.42
24	152.1333	74.71429	37.71429	9.333333	0.616186	-26	40.5	192.7273
25	143.9	66.78571	34	9.333333	0.661653	-10	34	177.3478
28	149	71.64286	35.28571	11.33333	0.608993	2.75	40.77778	195.381
17	239.5667	112.8571	54.57143	13.33333	0.635823	-30.25	60.5	304.6818
12	19923.5	14101.14	217.5714	15.66667	1.389177	-218.25	5595.231	30880.41
15	10990.5	776.9286	12.42857	11.33333	1.286123	573.75	1485.5	21853.36
26	267.4333	125.2143	58.42857	16.66667	0.638874	-8.5	62.875	341.8182
17	10858.83	1383.214	14	10.33333	1.386511	756.25	3357.611	22110.67
15	7419	573.7143	14.28571	9	1.059553	-509.75	866.1875	14907.93
12	39693.53	14093.64	1114.286	9.333333	0.833422	-1737.25	6693.462	64928.88
19	179.5667	86.64286	42.14286	12.33333	0.63468	12.75	46	228.1364
23	192.5	96.35714	44	11.66667	0.615256	0.5	44	237.6957
25	152.1	73.57143	37.85714	9.666667	0.613483	-9	30.33333	182.5417
15	7096.1	9.571429	8.714286	8.666667	1.532159	54.5	109.0625	15081.29
18	193.8	88.85714	41.57143	13.33333	0.624135	16	49.55556	255.619
17	226.1667	104.8571	56	17.66667	0.640431	-14.5	56	277.9565
13	7317.733	516.9286	14.85714	13	1.075354	57.25	516.9286	13268.44
25	129.2	63.14286	27.28571	9.333333	0.629968	2.5	30.375	165.1364

18	199.8667	101.1429	48.42857	11.33333	0.596039	-47.25	48.42857	245.9565
15	18228.23	1003.143	11.14286	8	1.090514	83.75	1831.933	34624.53
16	163.7333	15	8.285714	5.333333	1.46308	1.25	35.05882	332
25	128.9667	61.85714	29.14286	9	0.623134	-1	29.14286	159.3478
18	193.9333	85.71429	44.14286	14.33333	0.647602	3.25	51.22222	255.0952
15	6376.8	538.7857	13.57143	9	1.534342	-233.75	1099.313	12408.21
9	19106.67	16537.5	12.14286	11	1.011909	123	345.9	28487.05
13	3227.6	854.8571	188	17	1.000038	-271	854.8571	5303.75
11	46572.57	22595.86	900.4286	6	0.834922	-2293	5303.333	74085.39
12	14544.9	9723.857	13.14286	10.33333	1.399658	348.25	3399.538	23067.82
26	146.1	68.35714	33.28571	8.333333	0.620627	-13.75	35.5	186.3182
12	39069.93	10321.21	10.14286	5.333333	0.922429	498	2018.385	67403.47
10	9631.767	6919.429	8.285714	6.666667	0.834909	-544.5	369.6	14262.85
16	7310.133	545.2143	15	14	1.401843	245.5	1046.235	15501.38
13	2145.567	480.0714	15	12	1.129422	-10	480.0714	3602.875
16	17931.1	1393.429	10.28571	10.66667	1.536661	310.75	3844.059	36352.62
14	12347.07	1956.5	144.7143	12.33333	0.998559	-624.75	2481.867	22212.27
12	37611.8	9143.214	6.571429	9.666667	0.943767	-3244.75	1209	65449.24
15	13202.77	1807.071	10.14286	7	1.317293	138.25	2535	23870.53
13	16312.6	1763.571	12	9.666667	1.320096	446.5	1763.571	29043
10	7445.433	8536.5	662.2857	68	1.278238	5.75	2047.727	10570.42
25	149.7667	72.14286	35.85714	9.666667	0.631012	-11	35.85714	184.4348
11	1543.467	1251	10	10	1.436507	-10.75	56.66667	2534.667
15	5424.8	503.4286	8.857143	3.666667	1.571945	-25	979.25	10505.43
16	16873.77	2119.214	54.42857	15.33333	1.378713	-215.25	3585.706	34250.46
12	20964.43	19517.07	9.857143	9	1.464806	-222.5	3512.333	32599.17
17	31247.57	78.57143	11.85714	14	1.241747	6327.25	2596.111	74224.75
26	246.0333	117.2857	59	17	0.626055	-8.75	59	302.9565
18	161.4667	71.5	32	11.33333	0.652354	8.25	32	200.8696
13	18957.17	5410.143	940.1429	8.666667	1.099786	-456.5	5410.143	30810.81
12	28395.3	10512.43	17.28571	14.66667	1.1521	-901.75	1856.846	48689.41
17	4604.633	11.57143	10.28571	8	1.577879	92	63.16667	11416.83
18	177.6333	78.28571	41.28571	12.33333	0.651277	-11.75	45.5	225.6818
18	258.6667	120.7857	56.57143	16.33333	0.63237	-4.5	63.5	329.6364
11	290.1667	133.0714	62.71429	17.66667	0.653545	-31	67.25	371.2273
25	123.3333	58.21429	28	8.333333	0.642973	-16	29.625	157.4091
25	128.8333	58.78571	32.14286	8	0.670552	-20.5	36.44444	168.4286
11	28932.43	21987.5	2875.286	116	1.087365	-2040.25	6109.667	44147.61
13	14743.67	7203.071	11	8	1.35786	240.75	1306.231	25019.35
24	171.5667	83.57143	40.57143	12	0.612593	-19.25	40.57143	211.4348
10	5636.867	8377.286	824	158.3333	1.391883	-3	2103.7	7403.45
25	177.1333	88.57143	41.85714	10.66667	0.607652	-19	45.625	224.9545
15	29700.13	2620.643	14.85714	18	1.138721	-289	4375.188	58642.93
11	258.8667	125.4286	63.57143	14.66667	0.604012	-3.75	63.57143	318.3043

25	277.7333	129.5	63	15.33333	0.634609	-39.25	72.55556	365.6667
25	134.7667	60.78571	31.57143	9	0.650575	-9.5	34.5	171.2273
9	19001.7	26941.79	435.5714	8.666667	1.485824	134.25	3726.5	26639.3
18	16183.17	13.28571	11.85714	10	1.512657	242	393.7895	43455.73
12	19910.4	7922.929	12	10.66667	1.066893	114	2168.385	33477.82
25	182.6667	84.64286	40.71429	13	0.637905	21	44.5	232.9091
25	138.1667	65.64286	31.14286	8.666667	0.654516	12.5	33.25	176.3182
26	251.8667	123.0714	62.71429	15	0.640089	-38.75	71.55556	329.1429
17	2493.033	126.2857	10	5	1.538665	-104.5	595.5556	5339.25
24	161.0333	76.57143	38.42857	10	0.616757	-21.5	41.625	204.4545
18	232.9667	108.5	55.28571	16.33333	0.635801	-4.5	63	305.8095
18	10749.8	13.71429	14.14286	9.333333	1.550293	-807.5	1121.944	25191.58
10	3331.333	4332.857	638.8571	47.66667	1.137989	-35.25	1269.5	4362.25
11	14766.67	15349.29	809	12.66667	1.484685	220.75	3901.833	22009.89
18	221.2667	102.2857	51.42857	14.66667	0.640676	-4.5	51.42857	272.9565
26	267.9	122.8571	62.28571	16.66667	0.619619	30.25	67.125	340.9091
16	285.0667	131.1429	59.71429	16.66667	0.641552	-41.75	59.71429	353.6522
18	168.4	85.42857	41	12	0.594217	0.25	44	213.6364
18	4320.733	11.57143	11.85714	11.66667	1.450862	196.5	373.6842	11138.36
18	246.0667	113.5714	53.28571	16.33333	0.621678	-22.25	62	324.9524
14	13783.43	1155.429	11.57143	8.666667	1.252645	-685.75	1777.133	25789.73
26	270.6333	124.1429	57.57143	17.33333	0.65694	10.75	57.57143	335.4783
16	17601	223.0714	10	8.666667	1.247517	-373.25	1297.824	38920.54
13	14406.63	5530.214	1039.571	10.33333	1.355633	97.75	5530.214	22173.5
12	6913.633	5723.214	498.5714	37.33333	1.496138	95.5	2583.385	10225
17	14517.87	1772.786	19.28571	9.333333	1.51256	602.75	3363.667	31249.17
12	3968.233	1115.071	12.14286	17.33333	0.89674	-95.5	307.7692	6767.412
23	192.2333	88.64286	42.57143	14.33333	0.619703	11.5	50	253.1905
14	13751.7	1211.857	13.85714	8.666667	1.547626	538.75	2486.333	25017.07
15	15291.3	9.142857	11.71429	6.666667	1.677459	373.25	274.8667	30307.73
25	284.7667	133.6429	65.71429	21	0.634649	8.75	70.75	362.5909
25	282.1667	138	61.85714	16.66667	0.634726	9.75	61.85714	349.2174
18	240.5333	116.8571	49	14	0.653114	-15.75	49	298.8261
13	11813.87	5713.357	12.42857	6	1.162201	-183.25	1820.615	19455.76
13	15399.53	1525.357	10.28571	11.33333	1.489181	137	1525.357	27539.44
16	23488.6	952.8571	12.71429	7.666667	1.240449	-1617.75	2710.176	50660.38
16	17685.27	2846.429	97.28571	7	0.992274	862.25	3233	34202.14
18	15648.5	1309.071	12.85714	12.33333	1.358289	-1182.25	3415.167	33998.5
14	15695.57	2707.429	17.14286	17.33333	1.24783	933.75	2707.429	27060.19
15	13123.63	1351.143	11	11.66667	0.993102	282.5	1785.933	24461.33
16	23015.43	1393.143	10.28571	14	1.250955	-169	3198.882	48929.38
14	28636.53	4556	214	10	0.973625	-1758.25	5547.067	51726
16	273.8	123.1429	61.71429	18.33333	0.648601	-41	61.71429	338.3478
11	6966.667	4911.143	29.57143	4.333333	1.065939	-250	1237.083	10786.39

9	14959.03	19261.64	1693.714	286.3333	1.285598	-20.75	3498.6	20689.25
13	17399.83	2446.5	13.42857	17	1.123664	-726.5	2446.5	30484
14	25078.47	5081.5	511	9	1.194181	-1672.75	5711.267	44445.67
11	250.9	129.0714	61.14286	16.66667	0.592558	18.5	61.14286	308.6522
15	11746.83	2015.214	57.71429	11.66667	1.063061	-127.5	2872.25	21889.21
19	8553.533	619.5714	10.71429	2.333333	1.348721	-285.5	1906	20035.64
15	6287.5	109.7857	10.28571	11.66667	1.109925	384	229.4667	12345.53
9	18217.53	22517.14	390.7143	11	1.333938	112.25	2044.1	26304.25
16	275.4	136.1429	69.85714	19.33333	0.591943	6.25	79.11111	359.5238
11	8168.667	9265.214	1378	90.66667	1.492063	206.5	2892.917	11685.83
9	15089.1	17385	146.4286	9.333333	1.186376	258.5	1857	21705.15
12	13941.33	11496.93	1205	48.33333	1.335207	98.75	5876.923	20108.24
13	27220.7	8726.5	227.5714	10	0.927699	-887	2849.692	45857.35
17	270.2667	124.5714	56.42857	15	0.665589	6	56.42857	335.3478
12	6935.367	2512.643	11	11.33333	1.198242	-245.75	199	12086.71
17	234.4667	110.2143	52	14.66667	0.632734	-7.5	52	290
16	266.6	24.14286	12.42857	7.333333	1.509533	6.5	53.64706	545.0769
25	150	72.35714	34.85714	10	0.607438	-10.75	39.77778	197.2381
12	5318.467	3166	58	17	1.131361	-23.25	1405.769	8310.529
12	26004.53	14654.29	793.5714	13.66667	1.125071	-438.25	6151.769	41186.06
25	240.9667	114.2857	55	13.66667	0.63471	-2.25	64.11111	316.7619
17	13476.67	185.7143	16.42857	13	1.570097	263	1013.167	32171.92
24	169.9333	75.14286	37.14286	11	0.648173	-24	37.14286	210.3478
24	154.1667	75.28571	34	9	0.613781	-34.75	37.125	196.7273
10	23036.8	17785.86	1497.571	240.6667	0.745327	-1096.25	3641	32734.7
15	10301.7	1941.286	12.85714	5	1.448338	385.5	2989.125	18658.93
16	237.8667	118.8571	50.28571	15.33333	0.601954	-10.25	50.28571	294.9565
25	135	64.42857	32.57143	9	0.633343	3.75	32.57143	166.1739
11	6112.467	6386.714	310.4286	7.333333	1.477706	115	1589.25	9127.944
12	3045.833	1225.214	214.5714	24.66667	0.768437	-112	721.7692	4823.059
16	20606.2	1018.214	11	5.333333	1.27435	-364.25	2497.824	44286.38
10	19885.97	16138.64	307.5714	13	0.975398	-823	3239.727	29523.26
11	17371.37	18332.14	788.8571	5	1.510457	274.25	4307.667	26080.5
17	241.6333	114.3571	54.57143	14	0.633918	-15	54.57143	298.5652
12	11434.07	4311.786	242.4286	8.333333	0.841841	128.25	2095.692	18575.18
12	269	128.1429	62	19	0.61703	28	62	332
19	2906.233	17.28571	9.857143	9.333333	1.429692	32.25	361.7895	7301.182
9	12121.03	18120.64	2177.714	251.6667	1.461508	30.5	4147.5	16107.8
24	165.7	81.28571	39.28571	10.33333	0.614761	-37.5	39.28571	204.1739
11	282.7333	134.2143	67	20.66667	0.616553	34	67	348.3913
12	29281.07	18411.5	2261.714	125.6667	0.957989	-1083.5	4855.333	45564.89
26	272.7	119.2143	63.28571	15.66667	0.650552	-9	71.66667	358.8571
14	20607.57	1697.429	13.85714	13	1.241269	-1161.5	2462.667	38752.47
24	172.1	76.64286	37	11.33333	0.618363	-21.25	37	213.2174

9	2511.267	2930.357	121.5714	10.33333	1.163325	21	461.5	3536.15
14	2826.233	160	12.57143	5.666667	1.612146	106.5	282.6	5369.867
9	19193.97	23205.64	2238.143	477	1.18354	106	4189.4	26696.25
26	262.5333	126.2143	62.85714	14.66667	0.641942	-23	72.77778	343.8571
14	1052.067	113.1429	8	7.333333	1.379411	15	158.0667	1946.067
17	17420.83	138.7857	13.28571	15.33333	1.514038	-575.25	1840.529	37795.08
13	8954.8	5066.929	11.42857	10	1.373823	-141	1372.231	14753.24
13	11703.37	1138.286	11.42857	9.666667	1.008675	87.25	1138.286	20947.81
13	8630.333	1375.714	8.428571	8.666667	1.567363	135	1375.714	14978.13
13	18287.27	3627.286	26.28571	9	0.981465	55.75	3627.286	31114.75
13	23513.3	5184.643	655	16	0.931207	13.5	5184.643	39550.88
18	6855.433	635.5	14.57143	10.66667	1.325601	215.25	1612.316	15911.73
13	4180.767	782.2143	16.71429	10	1.252927	128.25	782.2143	7154.5
19	179.6333	79.07143	36.71429	10.33333	0.671631	-23.25	41.75	229.7727
26	270.3	120.7143	58	16.33333	0.676158	-20.25	63.125	345.6364
13	2084.8	197.5714	10.71429	10.33333	0.989224	-66	197.5714	3736.125
13	17538.53	2785.929	10.28571	9.666667	1.076801	-549.5	2785.929	30447.06
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16	288.0667	127.6429	63.85714	20.66667	0.632127	-18.25	68.625	367.8636
9	6860.2	5337.714	512.2857	62.33333	0.773955	-76.5	871	9854.8
14	14938.77	2530.571	10.28571	11.33333	1.3687	139.5	3510.533	26367
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26	156.8	75.92857	37.14286	10.33333	0.606224	18.75	28.66667	188.8333
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26	262.0667	117.6429	57.14286	16.66667	0.646658	19	57.14286	324.4348
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18	2568.367	14.71429	15.85714	17.66667	1.790178	149	146.8333	6200.667
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2	8	5	12	16	26	21	113	686
1	16	29	42	56	98	110	112	131
1	8	18	29	42	71	59	63	68
12	7	3	1	161	718	1271	1657	1213
19	19	36	68	278	458	624	415	803
6	3	7	3	16	24	18	9	8
18	17	4	15	10	534	1555	2217	4973
10	4	1	12	286	1902	3307	5624	7795
1	15	26	43	77	88	132	108	114
1	19	5	38	192	627	815	1240	1644
1	17	39	62	90	118	107	137	112
11	16	1	6	12	9	14	16	13
19	174	562	1236	1670	2916	8667	3575	7527
1	9	21	27	50	75	92	77	68
1	20	41	50	92	111	154	126	119
7	117	253	1422	1385	4840	7808	3859	11020
1	17	29	49	80	139	128	99	103
12	9	18	7	23	22	6	11	13
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14	8	9	6	60	162	592	475	1447
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17	240	1174	1893	1456	6390	4497	4926	8388
1	16	27	48	68	143	137	110	105
4	7	11	7	6	18	3	18	9
8	19	19	1	18	16	12	3	18
17	11	2	21	17	4	8	4	162
2	8	19	10	19	12	10	11	276
15	5	6	13	1	15	4	5	15
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14	15	19	223	605	2438	1271	3667	3748
16	13	3	20	5	28	17	29	92
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1	20	28	59	72	124	102	99	125
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11	17	1	2	8	15	18	348	993
17	6	40	233	407	1500	2268	2621	2085
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19	25	143	254	268	1080	1797	2210	955
17	1	16	12	1	9	16	16	11
7	10	15	1	13	12	34	34	132
1	11	19	27	37	77	88	62	77
16	6	10	12	18	18	21	18	7
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1	17	32	58	80	98	114	118	115
19	10	17	1	8	24	14	189	887
1	12	24	37	48	96	83	75	103
16	6	44	308	760	960	1491	1350	1486
11	15	15	3	23	21	4	8	10
18	14	6	21	12	26	25	17	14
16	18	19	13	17	27	1	13	3
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13	5	2	16	19	10	143	280	704
4	8	14	23	58	152	138	194	223
1	16	15	12	6	10	4	13	13
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2872	3001	2495	9418	10800	8379	12525	11162	58032
154	165	249	338	241	221	218	231	241
3	19	1927	18000	92482	75750	57777	59225	43742
9	4	20	14	1	487	8915	8948	7644
4	1	10	26	172	627	699	2272	3241
832	1675	7684	17652	84687	55383	45855	47524	36629
114	161	163	249	225	201	237	235	223
128	161	205	305	297	228	214	228	301
178	155	266	325	274	209	253	239	275
13	10	11	22	13	2602	6960	64674	57635
16	18	1	6	5	753	5032	63537	56648
9	18	148	927	588	2269	2563	6032	26626
15	15	13	10	12	16	5	938	8950
2	6	960	8649	59275	44208	33591	25470	26269
2	4	1	6	23	5	19	15	2460
167	200	220	247	297	205	285	297	331
117	146	179	214	174	148	161	194	178
1589	12439	12214	13245	10475	6702	6406	5428	5516
12	295	1800	3010	5012	9395	5785	17730	7520
14	12	8	24	17	15	16	498	1443
147	142	197	252	240	224	207	230	262
94	144	165	262	187	145	188	183	196
135	199	251	282	310	214	229	224	303
946	2637	2314	9855	7222	6725	4959	6305	22736
1702	967	2358	16174	11372	6445	5295	3497	3571
92	130	127	227	145	154	168	181	167
11	1	13	6	9	15	747	3035	51425
12	470	799	2250	8585	11323	10298	58755	65420
1303	1627	3790	4677	4998	21699	19274	18399	21726
3872	13131	16441	66591	46920	26808	33645	22062	30703
6450	42754	43079	46034	34215	22613	18989	17067	15998
6	9	23	368	2090	3980	7219	31435	30037
138	197	183	334	249	262	267	282	272
1478	1582	5938	6554	9737	11950	4309	5843	18710
85	125	114	163	172	149	137	140	207
16	19	4	3471	13020	82857	57394	46401	34177
98	129	128	221	237	155	194	188	187
170	213	256	252	266	187	282	249	324
990	4222	4871	4791	4250	6391	35340	33344	36027
858	1137	2256	18400	15878	11456	9757	9327	8842
145	166	206	337	305	208	208	236	358
94	109	137	167	139	144	146	162	168
130	150	192	329	256	234	263	312	365

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19	13	7	27	4108	87881	77444	74442	75766
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7	168	1735	4221	7566	4659	13136	9863	67208
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5	9	18	4	8	13	12	4058	15916
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105	140	171	245	268	218	174	188	239
3707	2455	5250	17314	13954	18317	19616	87787	88981
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2	16	17	27	12	14	5	2717	14351
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10380	61064	52883	76168	49091	40997	39686	34795	34180
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113	178	177	260	288	246	215	268	227
18	18	14	16	8	1279	8716	55418	48785
100	112	127	220	151	126	159	156	223
173	209	213	304	301	286	240	321	291
898	2908	6894	15328	51407	28671	24726	18385	18623
7727	3683	15932	80368	64928	51136	37674	34327	38790
138	158	224	222	251	199	187	251	242
4818	9211	20680	87826	57972	40184	34537	38444	34011
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315	262	1514	1346	3043	10458	10075	7981	7874
3622	10994	53640	63570	45260	35664	40040	35401	39767
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165	166	192	345	316	182	267	216	243
16	2	16	586	4230	5607	4055	61139	46053
2055	11728	10883	10594	7780	4727	3679	2923	3002
138	198	204	234	223	256	284	275	283
4105	6655	8898	19492	65058	51916	47916	47125	47182
98	142	186	239	186	182	193	222	200
7306	9866	104884	131727	85254	68590	70941	66167	64009
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125	147	154	258	249	177	191	182	239
1151	10688	10849	13431	11831	9500	7402	6597	6931
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3750	18160	119590	133150	82313	47047	41584	27532	28621
1265	7302	11474	8354	90286	60275	44948	34395	28393
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16	20	19	9	13	2307	69237	57781	52917
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5985	4388	6079	16328	21334	10054	25970	80256	83328
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2101	1682	5692	7324	3786	5233	28855	24486	27435
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83	112	103	197	160	120	150	121	172
75	84	128	130	151	113	112	155	145
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114	168	206	281	219	212	254	220	241
8511	10886	15170	30628	124678	73806	59786	52449	46900
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342	1726	4033	5344	7476	6766	7081	11052	16173
436	985	1498	2626	1625	2566	3261	20836	19627
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79	92	139	172	146	99	133	168	166
2	4	4	26	20	10	1601	36591	34577
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97	144	161	252	225	197	183	166	220
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523	1373	2621	1302	3358	10986	8292	8749	8151
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1002	5007	8994	11151	118258	80019	84332	68529	69714
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14	19	2311	13310	112288	74133	75698	75041	79678
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6	928	2795	4388	16455	71671	70305	54452	50723
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90	90	110	186	148	151	117	142	184
14	12	553	9129	7705	4229	3770	3053	3114
11	141	631	3064	3124	3176	5444	32154	25193
900	4939	2740	10395	9447	6293	17377	7618	85417
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94	89	128	172	146	130	144	171	142
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93	105	120	159	173	124	141	143	165
155	149	228	302	213	181	249	239	251
133	189	257	320	303	274	278	309	304
68	89	97	134	136	102	112	115	154
57	74	87	155	122	116	96	115	131
7767	6606	22628	130382	104127	75569	62147	53548	54888
1022	4167	4424	7278	83862	54648	53432	32094	36146
84	127	127	225	177	147	128	198	170
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91	126	160	215	198	119	184	153	227
1933	1285	7526	16900	8787	12223	21091	99401	100316
135	156	240	317	233	198	232	223	323

125	144	240	337	314	251	268	267	331
62	100	100	145	108	92	124	146	148
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83	127	157	182	195	190	196	149	180
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16	40	96	621	905	1051	2290	2036	3575
85	87	111	185	185	111	162	169	166
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19	10	20	9	18	532	2782	3754	12935
3851	14011	11638	12794	9522	5990	5157	4185	4145
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103	156	157	234	223	184	206	172	296
172	164	225	268	229	236	281	252	315
167	215	259	254	289	196	258	301	317
112	108	158	214	164	122	135	157	229
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135	167	165	274	291	243	253	262	241
13	232	2110	2433	11296	10481	61236	48827	42215
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4	6	23	327	2677	2073	8528	8339	62409
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2293	2947	4529	6542	7524	7897	4457	6444	16929
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10	15	707	4754	11362	20329	84764	59551	49045
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176	173	258	317	325	259	202	220	314
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971	4458	3058	14607	56319	35063	31765	35166	26869
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139	203	257	249	249	226	239	247	283
3	2	600	1899	32590	22160	19569	18927	16708
127	158	195	215	254	175	198	175	289
16	10	16	54	131	150	105	319	1554
96	80	115	187	177	148	132	119	184
2098	2540	5576	6576	26049	16425	14324	13184	9092
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97	107	136	173	169	126	162	148	176
11838	52089	48790	64396	47317	38674	33648	35929	32443
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5046	8414	14093	113804	85693	56505	59492	55679	60679
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627	1844	2836	9466	8870	13176	84271	81511	58587
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1842	9352	8819	10776	7463	4802	4346	3607	2875
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41	165	205	423	667	787	5564	4280	3901
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7	21	8	18	8	8	360	2153	8724
14	20	23	2	20	16	131	1110	1180
102	114	137	201	186	127	157	127	178
1968	2802	3068	25593	17581	9567	9566	6108	5482
683	2748	3163	2361	2656	1332	1543	1168	1015
19	11	8	22	23	7	3	10	3732
111	155	169	246	176	182	163	167	232
9	14	22	864	7753	36535	30248	29683	32717

day_18_vie	day_19_vie	day_20_vie	day_21_vie	day_22_vie	day_23_vie	day_24_vie	day_25_vie	day_26_vie
51942	57435	43170	27291	22756	17472	19573	19097	16408
357	451	337	303	404	326	358	472	736
55422	71002	50105	40693	31232	31427	35493	38958	34377
7967	8344	6843	4757	3986	4354	3276	3925	3548
6150	52761	36162	22987	16293	14488	13295	9991	7866
29173	35264	25971	11802	11175	9323	9400	9031	10318
236	346	362	231	295	321	331	446	441
285	354	360	282	297	302	317	356	685
384	489	472	418	378	403	375	553	635
51662	51688	46582	29645	32248	25645	22625	21385	19670
52531	77181	54605	40147	27522	37242	34220	27550	29334
21092	26934	14468	7865	7535	5769	3799	3673	3634
15276	142932	104582	80398	54336	51242	41234	38083	48620
21775	21944	17874	9887	10001	7412	6672	6353	6644
13673	106041	82712	52386	50478	44375	56551	41426	47850
416	378	465	320	417	340	470	563	520
266	315	279	282	253	225	348	287	496
5149	5871	3796	2524	2457	1920	2237	2209	2520
91880	108418	61317	38606	42887	34970	28820	32636	28566
5720	52221	38687	15047	14714	11113	9023	7064	8181
399	526	425	385	384	373	332	521	660
301	308	347	245	244	280	378	366	548
392	557	450	399	412	332	436	421	694
23152	145048	85816	65158	50732	40362	29488	25260	26043
2576	3276	1947	1267	1042	745	623	540	634
268	262	287	197	214	247	269	273	356
50118	64506	48287	38952	36377	26366	32315	31966	31348
49817	49364	36183	29567	22182	18238	17717	17197	16540
19020	20562	19126	10914	12003	12446	12406	14644	17103
21445	24572	17024	12631	10961	11230	10028	10907	11254
15004	17704	9567	6882	7033	4973	5624	5125	6532
29044	26271	15755	12583	6632	6926	6400	5568	5374
272	426	375	268	345	346	436	493	518
75696	75550	47412	27105	25684	22047	17372	18283	16948
218	228	203	197	184	195	286	236	399
38328	37700	19178	13140	11279	8322	6991	5933	6117
262	308	248	260	295	253	296	407	515
386	456	395	410	429	347	431	587	515
38462	41013	29262	21597	22250	20069	19986	18864	19389
7831	12250	8259	6237	6357	5595	5377	4964	6927
365	473	442	325	404	380	366	418	647
241	283	208	198	233	247	253	333	339
401	392	452	395	300	396	509	501	527

34037	34478	34368	18059	23514	19343	17540	17992	20584
13271	12706	9216	4102	4276	2379	2607	1980	2018
8248	134415	72946	51298	41607	33286	24836	20095	20394
78210	59016	54464	32108	26932	18118	14125	12318	10340
48055	39204	31197	17869	14878	10174	7048	5551	4850
189	338	291	233	242	205	237	327	351
260	414	391	282	312	306	414	406	601
383	534	414	384	296	322	384	475	732
81168	115950	70422	63830	49508	44365	42013	60205	63922
82722	93668	68870	47305	37304	32705	31646	29532	36192
385	434	395	337	379	324	379	562	577
50346	45714	33881	19912	17214	16444	14384	12583	10104
58523	57146	40595	19777	15576	10960	9363	7661	8192
194	249	205	210	190	191	271	311	415
115475	144902	109586	77157	68295	62616	83450	72757	93358
53665	56142	40078	26422	20211	24616	18746	21140	18836
268	403	409	337	316	353	361	358	533
93482	106788	81588	61467	65740	57886	60083	53525	67701
1655	1338	933	691	475	432	345	407	358
99502	95856	83236	52292	41752	41825	26431	31780	27838
327	403	443	322	253	327	365	362	653
38430	56408	33052	35108	27076	25079	29787	24586	34404
5023	124144	76688	69328	51647	46138	47774	48790	44961
363	442	381	358	369	311	434	371	649
48260	46923	33236	26159	20982	18708	15271	14189	13152
247	343	262	250	273	234	268	377	346
443	522	439	377	343	359	383	435	628
14560	14330	9224	6951	3922	3565	3482	2940	2452
38142	47810	36087	27191	22962	22299	22331	24569	27906
293	385	332	290	309	359	415	368	575
25718	29721	20316	18111	13905	9025	10120	9458	11232
22667	24226	18113	11622	12452	9350	8036	8208	8626
18146	87303	58348	40743	31951	23958	22192	17796	18172
589	2787	1942	1126	971	693	596	607	572
2591	2846	1821	962	840	641	590	485	444
5599	8145	5414	3691	3355	3218	3325	2994	2604
43429	43470	40334	27015	27733	22068	23394	31848	29908
73237	76524	50619	43388	38972	30756	32067	29488	33636
57204	77076	62342	41013	30103	30120	29405	27503	27904
172	274	231	222	236	262	287	242	364
70676	85822	62205	46072	31339	36763	30623	34230	44085
14070	17090	10969	8277	6358	4511	4352	3752	4854
37714	40018	34033	22463	18936	15947	15223	15062	14422
344	373	320	338	297	345	435	461	488

315	414	470	365	420	399	409	518	749
60022	59824	43987	30445	29912	22276	21884	23666	27441
2952	2258	1816	1275	1070	879	734	596	732
406	485	473	371	334	364	369	439	692
41860	54591	39738	26805	27184	30195	24142	24119	30426
286	283	344	305	234	260	334	402	448
58448	80936	65930	42228	44887	46992	35103	48893	58844
1367	1328	861	582	354	319	217	170	200
261	324	266	234	239	289	339	387	460
8122	8472	7402	4709	5414	4213	4912	5083	5626
21042	22710	17752	10133	12204	10797	8887	8952	9615
4669	5342	4280	3487	3184	2957	3463	2730	3549
8941	9477	5725	4506	2987	2620	2297	2138	2025
22631	22077	16940	9168	8940	6305	4561	4783	4102
29047	29096	19090	14102	9150	9160	7964	6620	5316
76048	74502	43902	36295	27165	19318	18658	15996	16386
45007	44157	31574	14540	13526	10414	8982	8322	8889
262	462	299	332	332	376	431	347	573
59738	84315	96314	62397	53672	58783	46094	52999	59613
423	567	414	336	406	380	361	590	638
10634	15927	11450	7449	6128	6093	6423	5864	5914
33341	36357	29895	21973	18370	13425	15722	13961	19686
45028	47988	32747	23819	16181	15931	16604	14140	14348
174	225	273	173	244	208	269	254	333
24832	24322	19422	19368	18045	14277	14567	11948	15474
94577	96520	82726	41190	33916	28143	23879	23442	21374
199	228	273	217	175	201	205	316	335
168	227	235	195	155	180	224	244	393
172	269	211	167	184	198	229	302	305
349	362	341	257	291	323	317	502	571
39600	35968	21724	13224	12212	9996	8525	8383	7108
37488	45666	30134	19821	14384	11678	15650	13130	11958
277	458	486	394	316	353	343	542	630
60464	51778	42646	18909	20061	14754	14812	11317	11876
16988	24987	22205	12719	13247	11609	12108	12858	13659
69544	88198	76965	60010	54085	50980	44404	57724	54870
206	269	317	246	196	266	321	260	459
204	262	257	276	225	312	313	307	445
166	202	215	215	231	238	253	269	354
28795	28898	17371	11214	11963	8424	8280	7370	7144
238	374	330	273	281	234	308	326	437
358	341	343	272	354	311	315	339	596
14882	20582	16691	10574	10574	9366	8404	6876	10136
151	199	210	163	145	205	192	231	316

275	371	244	247	231	310	267	375	415
51677	59508	39667	30061	32167	25594	27467	22494	25281
660	702	582	303	242	204	169	146	130
167	187	169	175	172	176	196	246	335
272	367	330	203	236	250	290	326	504
24080	25581	16874	11182	7070	5359	3882	4152	3358
34759	35128	22461	19284	15841	14080	13113	12511	15554
8471	8730	6322	4090	4420	3701	2367	3070	3045
68401	90850	67547	52464	54971	49863	62543	66814	72808
30710	27885	18466	14436	9427	7019	6342	5341	5619
180	279	226	166	176	177	196	227	279
81270	96846	81891	55606	53615	59942	59029	57763	60490
11399	20446	13472	9494	10623	10645	10210	11093	9672
35905	32288	21111	15363	12867	10195	9659	8778	7584
5020	5368	5067	2212	2145	2004	1576	1740	1792
88739	80608	58809	36029	25189	18008	14705	13501	15300
34730	39766	24987	20615	18909	17363	12796	14036	18651
84751	95342	69619	63810	46122	53698	47804	59257	61173
39172	44716	28509	16562	15981	14330	10188	8767	8012
39536	46110	30683	18783	18019	13905	12066	8617	11936
9799	9807	6722	3722	4414	2445	2994	2786	3387
156	221	189	227	219	197	205	226	356
2222	3104	1707	1337	1217	971	937	834	948
24224	20253	13750	8157	5072	4337	3606	3382	3128
60350	87144	44625	29215	27228	23945	20811	18906	19182
33181	35908	25814	12921	9708	10671	8675	8210	8559
108721	118264	109693	73476	63572	66226	64490	50430	84462
375	381	315	342	366	336	321	467	499
225	313	262	212	180	214	263	288	343
46931	54531	33047	21222	19114	16012	14295	15020	12528
59887	65316	46155	38854	32940	31745	20461	22254	27327
24635	24118	20995	13522	10822	7357	8162	7844	7572
260	318	317	232	261	245	271	316	377
276	385	481	358	348	423	432	511	556
416	507	373	288	332	368	503	553	774
138	185	158	169	152	154	225	251	331
154	195	213	175	148	197	185	214	344
47930	60024	36010	22789	22412	22228	18958	23719	21123
30289	29457	24749	14732	14083	9727	10705	8657	8786
229	285	262	232	244	207	275	349	397
4451	5260	3270	2060	1707	1195	1024	976	890
199	292	300	233	223	259	282	286	433
98368	102342	73623	48121	44302	33773	41266	42448	51208
373	475	428	327	316	399	461	376	572



299	427	430	378	367	409	409	511	728
148	191	239	180	206	151	242	270	357
17204	16095	12030	7944	6294	4695	3698	3094	3530
7260	96332	67354	47034	34324	39236	45294	40066	43230
38323	52420	43065	28480	17829	21093	19847	19050	22101
243	289	244	214	205	263	297	272	437
205	256	225	139	149	205	186	195	363
282	455	383	288	355	338	356	504	688
15521	13400	9083	5790	4894	4165	2651	2789	2720
219	235	276	210	202	248	213	322	297
308	452	398	251	262	374	418	416	467
55963	60808	47395	27892	23563	15665	15290	16073	16418
3782	4172	2762	1508	1190	1385	1178	1106	1112
20498	21558	12126	8839	7359	5064	4982	4063	4488
310	366	301	231	311	282	311	377	534
362	442	436	305	336	360	485	452	659
414	533	395	368	294	367	394	587	625
203	345	234	258	208	250	225	285	356
3812	24424	18494	12874	11128	10870	10963	9616	8558
272	406	397	349	286	332	407	427	557
49445	29552	35430	26266	17936	13901	12207	13150	14006
290	477	448	296	334	349	485	429	647
61904	72318	56232	35454	29820	32384	31869	33624	28130
33552	29036	19059	10354	7799	7207	5690	4588	5410
11356	10602	7427	3392	2742	2726	2015	1429	1407
86146	81436	53959	33120	25724	20525	20149	15888	16384
9848	7502	8505	5356	5646	4887	6023	5564	7425
312	277	308	229	273	233	367	310	487
46459	46782	23369	16380	12244	10165	8028	5533	5396
52013	51222	28833	21471	16223	12344	9887	7560	7491
436	520	409	313	365	387	471	466	740
306	466	510	320	364	364	461	437	585
280	392	298	262	268	390	312	430	652
22680	24537	18456	11035	13156	8644	9141	9703	10586
43879	36588	29034	19311	12932	12809	9611	8053	7359
89093	94710	73377	50541	38858	43711	38227	40278	40611
42626	56472	45500	31406	27454	24031	30796	29822	34558
80596	77100	49624	34883	34471	27024	22004	24047	23576
39961	37950	29650	17009	15262	8393	15290	11441	11097
36359	39682	27443	21997	20498	18680	19413	18672	23684
100108	84110	72640	45851	43443	35844	35673	34247	36082
62026	82698	79895	47211	40837	30585	38735	37776	43014
384	383	471	332	354	362	490	522	634
12168	12009	9513	6613	6396	6290	5070	5482	5894

15713	14750	13439	7483	6277	4356	5001	4678	3750
41382	45138	36531	25873	25400	18604	13140	15738	17926
74212	65686	57546	33739	31683	25342	19617	22580	20274
344	364	330	270	366	345	410	437	547
34165	41290	33517	18855	17690	13837	14881	12977	14022
10105	47096	38996	23412	18402	16200	17173	16432	17642
18002	16236	14118	11037	10099	8334	10921	9085	10326
16786	24921	16554	11297	10977	7432	6822	5956	7320
385	532	466	303	407	320	435	499	568
13523	10290	6739	4558	3383	3253	2798	1867	2608
15180	22257	14929	13002	8648	9122	8780	7106	8016
21096	24921	13645	9729	7151	5267	4652	4018	4152
53000	74662	47586	35132	40319	32853	34492	33655	42102
330	410	379	369	340	372	429	426	740
13379	16126	11613	8127	8336	6689	5499	5882	8340
347	320	373	338	312	350	304	366	497
1234	1250	781	499	372	309	283	233	262
208	261	267	217	210	172	196	256	317
12180	9783	8217	5314	4815	4318	3554	3716	4166
57254	51033	35629	27342	21694	21637	19646	20460	19224
311	349	397	299	270	351	312	389	637
69385	82044	56306	32547	28725	24024	22044	19070	19418
185	309	264	203	257	263	278	347	396
201	244	214	161	220	194	232	323	369
37176	32502	33077	25309	25178	22624	20112	21923	28864
33670	38778	28050	14002	10676	7765	6835	4732	4760
307	453	417	287	319	333	334	362	565
176	224	194	199	143	158	234	220	344
9832	8318	6724	3518	3164	2291	2508	1879	2182
5777	6201	5802	4345	3907	3434	3691	3866	4647
83249	87062	60831	46385	33452	32818	34378	34549	30801
29800	38714	27888	18314	19206	13520	14334	16849	18206
26478	24784	16879	11708	7595	5920	6458	5017	4478
342	414	436	266	313	362	317	413	583
23209	23606	21222	20076	13824	12206	15660	13628	16856
333	551	352	288	384	411	422	442	583
3467	17100	11614	8493	6997	7176	6476	5812	6486
11246	11199	6578	3853	3442	1999	2137	1846	1674
256	255	254	170	224	219	237	357	378
364	439	425	398	362	373	510	407	754
46914	67065	47169	35847	33119	25500	20534	23167	29949
377	509	476	385	403	383	415	400	663
70066	60568	46731	31007	31612	21898	17877	18844	21510
226	241	286	217	231	280	231	324	390

3238	3128	2750	1637	1269	1132	1194	1022	1203
8998	9206	6127	3383	2333	1766	1713	1135	1275
23426	20424	22451	11219	10338	9233	7910	7316	5984
339	513	368	357	296	305	358	535	657
2915	2985	2569	1369	1120	1041	813	713	886
76610	82275	60024	31059	37973	26722	17734	19366	17884
15210	17502	13725	8145	6800	5480	5380	4613	4965
26794	33104	25356	20230	16754	13527	13589	15248	16444
19765	20918	13312	7182	5220	3936	3604	2837	2852
43862	53654	35073	26493	23453	16374	21650	20933	22486
57156	64698	54638	31286	30733	27179	30067	25556	31356
3229	39148	26764	19099	17547	14121	14199	11462	12828
10421	11739	9278	4680	4026	3258	3135	2436	2672
197	276	317	220	249	213	247	379	476
295	364	428	387	300	402	431	560	693
4805	5920	4407	3481	2963	2851	2572	2491	2922
42704	36802	37950	26863	22140	14714	17901	20021	18610
16552	13488	8579	5320	3902	3176	2372	2136	2060
306	526	397	339	402	452	444	601	664
9935	10857	8486	7873	7536	6522	6640	5867	8607
47729	44860	31404	19292	12751	11347	9726	7783	9975
9974	10924	9354	4772	5355	4642	4866	4994	4389
176	279	220	213	206	231	285	239	300
59030	73377	55104	40119	32049	29106	26841	30680	32472
50100	51426	40375	24485	23836	17089	17459	13837	20342
351	489	476	356	337	324	475	467	644
117757	140613	105239	67167	45972	60046	59023	58463	60584
186	300	227	264	201	265	299	359	461
6270	5373	4118	2448	2026	1315	1492	1247	1371
57006	65936	51327	25414	22778	18350	17560	13987	14778
12624	113109	93475	47670	37405	41562	34342	35692	37112
18305	16000	10631	6026	5846	4388	3747	3067	2550
246	251	206	210	200	212	263	304	367
4267	4722	2577	1411	1458	940	839	811	730
1138	1192	784	583	585	454	460	521	573
88392	112468	83928	47289	48292	45444	49584	47173	60363
270	341	261	227	236	256	333	351	556
29282	35046	19482	21055	13354	12666	11946	13996	13866

day_27_views	day_28_views	day_29_views	days_in_cold	views_cold	storage_cost_cold	latency_cost_cold
15513	10646	8140	16	63543	0.032	2.5544286
497	473	506	10	969	0.02	19.41876
29498	20286	20844	12	20071	0.012	0.4034271
3687	2318	2453	14	627	0.042	0.0378081
5775	3993	2357	17	7193	10.591	134526.7948
6291	3901	3813	11	10296	0.066	618.99552
391	410	388	17	2340	0.102	140.6808
501	392	457	17	2742	0.085	137.3742
709	536	496	24	5836	2.664	19446.83592
12910	10733	8202	14	2758	52.556	310813.0306
22290	18968	16981	14	914	67.718	132718.9604
2479	1185	1008	16	12632	0.016	0.2539032
30061	19758	17148	17	10082	49.47	880745.3724
5065	3438	2742	12	9673	0.012	0.1944273
32158	30778	21526	17	2676	59.024	278917.9814
549	505	464	15	2276	0.03	45.61104
454	307	382	17	2018	0.102	121.32216
1845	1290	1290	9	3317	0.018	0.1333434
19374	10401	11482	16	43148	59.92	4850909.585
4809	2972	2076	17	2155	17.748	67539.5964
575	484	456	25	5918	0.025	0.1189518
381	396	331	18	2399	0.108	144.22788
687	397	526	25	6273	0.05	0.2521746
18838	10438	7016	17	64049	0.102	3850.62588
391	247	185	10	5955	48.5	867030.135
357	325	354	24	3613	0.048	72.40452
32198	21510	17009	15	904	38.43	69527.76096
14270	7969	5376	14	23540	0.042	707.6124
11310	9076	7703	13	17427	0.039	1.0508481
8456	5037	4906	10	32468	21.31	2077063.026
3821	2064	2951	9	7480	0.009	0.150348
4286	2608	2014	14	6578	13.51	190560.0554
654	383	444	10	1019	0.03	30.63114
11833	7743	6056	16	49333	52.016	4814655.122
300	291	297	24	3186	0.12	159.6186
3840	2007	1963	12	3611	37.284	336805.6975
447	295	396	23	3649	0.092	146.25192
557	387	479	15	2271	0.045	68.26626
17117	14222	10326	14	29325	0.042	1.7682975
5621	4509	2812	10	3883	11.54	134519.0796
674	423	544	10	970	0.05	48.597
325	311	322	23	3089	0.046	61.90356
476	456	422	10	943	0.05	47.2443

19934	13151	10215	11	9057	0.066	544.50684
1669	822	665	9	5925	0.018	118.737
14808	7021	5950	17	4142	0.102	249.01704
8857	5573	3781	15	1905	68.19	259977.1026
4005	2646	1603	13	46847	0.039	1408.22082
347	316	327	17	1784	0.068	71.50272
533	366	351	17	2388	0.102	143.56656
543	490	518	15	2197	0.09	132.08364
44340	30192	35131	13	4274	0.013	0.0859074
26801	17318	16365	15	130	0.075	6.513
547	527	506	23	4954	9.545	61718.4182
8988	6087	5266	12	12945	4.032	130572.5904
5314	3251	2366	15	31553	0.06	1264.64424
339	313	329	24	3239	0.144	194.72868
64581	48682	49407	17	20153	0.017	0.4050753
18769	12962	9299	11	2596	0.055	130.0596
485	415	348	17	2364	0.051	71.06184
58964	38293	47382	14	63162	11.102	1503625.729
203	138	81	12	2296	3.948	22676.62768
20605	16325	14552	16	2927	8.56	47009.6689
564	357	374	16	2146	0.064	86.01168
25476	17571	15014	8	15390	30.336	1751933.578
27700	20655	18477	17	272	22.015	10574.2448
553	344	458	16	2388	0.096	143.56656
12649	7587	4733	14	1437	0.042	43.19622
357	257	255	17	1833	0.051	55.09998
665	501	418	25	6380	0.05	0.256476
1919	1182	947	11	11369	0.055	569.5869
20744	15426	14796	10	31706	0.03	953.08236
578	336	408	24	4836	14.328	86670.50184
7210	4681	4220	11	50179	0.011	1.0085979
7081	4117	3883	12	1521	0.06	76.2021
14147	6836	5437	18	59801	0.018	1.2020001
438	229	145	17	2133	58.395	219952.1871
363	203	153	9	373	0.018	7.47492
2383	1586	1280	12	3599	0.06	180.3099
24266	16621	21382	9	4233	0.027	127.24398
27577	20657	16720	11	65814	0.033	1978.36884
20643	12728	12294	12	64632	0.06	3238.0632
314	263	246	24	3354	0.096	134.42832
34340	24618	19656	14	81659	0.028	3.2826918
2907	2116	1942	11	977	0.066	58.73724
12492	8983	7047	12	32834	0.072	1973.98008
460	373	393	16	2455	0.048	73.7973

609	495	545	24	5530	16.104	111393.1126
17976	15663	12577	14	10556	0.028	211.54224
424	413	265	8	1563	20.68	121291.4571
649	487	457	25	5986	0.025	0.1203186
26029	18293	17042	11	30230	3.025	249563.765
458	398	387	18	2470	0.054	74.2482
41378	29309	31709	9	32965	12.123	1333003.727
129	90	57	13	2427	0.013	0.0487827
420	392	355	17	2249	0.068	90.13992
4819	3558	3175	8	2930	19.392	213211.6464
6220	4873	4412	11	5091	0.033	153.03546
3132	1979	1945	15	1626	0.06	65.17008
1717	1000	1030	15	5637	0.015	0.1133037
3037	1921	1416	9	3838	1.026	13134.71064
5043	2230	2674	11	20569	35.607	1998787.227
11335	7880	5960	15	96523	0.045	5.8203369
5868	3665	2624	13	155	4.251	1521.5637
420	328	400	17	2528	0.068	101.32224
52229	33236	29218	14	70853	0.042	2129.84118
521	482	433	25	6402	0.05	0.2573604
5689	3415	3042	9	15658	0.027	470.67948
12659	9288	8518	12	7290	0.012	0.146529
8997	6260	5447	15	29377	0.015	0.5904777
344	273	306	24	3165	0.072	95.1399
12115	10041	9712	13	24736	0.065	1239.2736
16024	8390	7616	16	74416	0.08	3728.2416
317	241	248	23	2902	0.115	145.3902
342	257	237	24	2844	0.12	142.4844
278	233	317	27	3920	0.162	235.6704
529	387	451	16	2266	0.032	45.41064
4831	3396	2381	11	42110	1.188	136527.3576
8986	6123	5898	14	14605	0.042	439.0263
527	372	537	25	5957	0.05	0.2394714
9481	4850	4380	16	44264	0.064	1774.10112
12839	8159	6870	14	10598	49.14	1116713.38
54370	29381	35752	11	57897	22.374	3535230.19
373	311	301	18	2068	0.036	41.44272
356	381	377	22	3284	0.132	197.43408
312	266	246	24	3116	0.144	187.33392
4927	3138	2446	14	144	0.028	2.88576
344	295	377	17	1997	0.034	40.01988
535	380	346	16	2071	0.096	124.50852
8489	5503	4204	12	3875	59.496	576751.745
275	194	243	24	2617	0.072	78.66702

388	386	305	17	2182	0.085	109.3182
19574	15274	10636	14	27479	0.028	1.1046558
110	66	48	15	370	0.09	22.2444
243	187	233	24	2625	0.072	78.9075
447	260	309	17	2024	0.102	121.68288
2733	1849	1184	14	11160	0.084	670.9392
12522	7521	7411	8	109	0.048	6.55308
1765	1541	1160	12	8610	21.264	458012.7384
70142	42460	37559	10	44288	0.05	2218.8288
3571	1919	2311	11	28626	10.219	798338.4911
351	284	260	25	3209	0.1	128.61672
45627	36101	36827	11	15088	45.287	1864761.226
10228	7298	6003	9	3696	0.009	0.0742896
7111	3699	3800	15	11973	0.03	239.93892
1209	754	878	12	4182	0.036	125.71092
8570	4813	4852	15	46469	0.09	2793.71628
14329	9369	8110	13	27391	0.026	548.91564
48155	33797	32271	11	2407	20.174	132521.4288
7459	4015	3147	14	38025	0.014	0.7643025
8095	5725	4062	12	8235	30.252	623228.2587
1985	1178	993	9	16985	16.047	909133.3351
376	270	247	24	3018	0.072	90.72108
601	446	300	10	127	0.04	5.09016
1702	1221	897	14	10224	19.936	437060.4595
13515	8842	6076	15	53339	0.045	1603.37034
5368	3678	2323	11	42148	0.011	0.8471748
70160	34977	46226	16	27241	0.032	545.90964
586	373	484	25	5439	8.05	52575.76716
380	259	317	17	1588	0.068	63.64704
8289	6854	5753	12	54926	0.06	2751.7926
22378	14921	13107	11	4615	0.044	184.9692
5179	3373	3423	16	193	0.048	5.80158
389	338	336	17	1669	0.068	66.89352
568	375	436	17	2611	0.034	52.32444
603	517	443	10	983	0.02	19.69932
215	231	193	24	2479	0.096	99.35832
318	247	194	24	2548	0.072	76.59288
17615	12294	8894	10	50688	13.74	2090752.266
6165	4441	3356	12	16981	0.012	0.3413181
317	270	267	23	3272	0.115	163.9272
567	386	326	9	21037	0.027	1.2685311
324	316	244	24	3711	0.072	111.55266
41311	22248	22274	14	48912	0.07	2450.4912
435	486	386	10	966	0.02	19.35864

473	513	458	24	5649	10.032	70885.68564
222	243	233	24	2718	0.144	163.40616
2458	1401	1334	8	15085	16.736	947365.7564
29293	20055	15795	17	222	0.068	8.89776
17446	10679	10338	11	10791	33.99	1000992.584
399	329	388	24	3655	0.072	109.8693
325	199	258	24	2805	0.072	84.3183
497	381	374	25	5616	0.025	0.1128816
1430	954	674	16	7145	0.032	143.1858
364	271	294	23	3070	0.069	92.2842
571	351	331	17	2390	0.034	47.8956
10379	7650	5203	17	20195	0.017	0.4059195
723	549	336	9	12695	0.009	0.2551695
3492	1578	1542	10	35074	2.66	280077.1137
495	391	439	17	2290	0.034	45.8916
498	405	493	25	5982	0.025	0.1202382
621	510	536	15	2290	0.075	114.729
290	249	310	17	1839	0.051	55.28034
7448	4354	3793	17	3288	0.034	65.89152
455	487	418	17	2589	0.068	103.76712
10063	7206	5406	13	16176	38.571	1440785.644
636	516	503	25	5817	0.075	0.3507651
27847	16857	17119	15	13724	0.03	275.02896
3446	1829	1118	12	62534	0.048	2506.36272
930	604	400	11	25262	44.187	3046353.169
10403	6553	4703	16	43617	0.08	2185.2117
5901	4052	3211	11	2873	0.033	86.36238
345	312	301	22	3412	0.11	170.9412
3554	2163	1823	13	16966	0.039	509.99796
5937	2854	2020	14	4123	0.042	0.2486169
505	492	522	24	5818	9.216	67068.04224
666	522	537	24	5718	5.976	42741.93564
524	400	455	17	2553	0.068	102.32424
8441	4679	4508	12	23668	0.036	1.4271804
4768	3577	2567	12	2976	0.036	89.45856
28874	20303	15883	15	35577	0.075	1782.4077
25883	16867	19342	15	51728	0.015	1.0397328
15899	10722	8036	17	61473	0.017	1.2356073
8632	5184	5070	13	37904	0.013	0.7618704
19137	11125	11514	14	26789	0.042	1.6153767
24380	19733	17631	15	44302	0.045	1331.71812
37081	28486	20494	13	63784	13.013	1916710.476
646	510	378	15	2133	0.045	64.11798
4040	3599	3011	10	7883	40.57	960079.5566



2673	1643	1237	8	20444	8.256	633368.2042
13234	8247	7939	12	11515	23.112	665780.2578
15898	11269	7541	13	71141	0.078	4276.99692
515	382	483	10	1000	0.04	40.08
13649	10431	8017	14	35746	0.042	1074.52476
9698	8612	6729	18	36214	0.054	2.1837042
8705	5462	5162	14	3442	0.014	0.0691842
5414	3740	3323	8	15378	0.04	770.4378
486	399	488	15	2408	0.045	72.38448
1469	802	697	10	29736	18.31	1634487.412
6166	3612	2972	8	7811	29.536	865723.1242
2886	1652	1413	11	59278	29.865	4831411.895
29193	22773	18388	12	37046	0.012	0.7446246
699	427	448	16	2456	0.096	147.65472
5525	3302	2702	11	688	0.066	41.36256
569	423	455	16	2091	0.064	83.80728
161	86	62	15	593	43.92	52123.84608
265	259	276	24	3127	0.072	93.99762
2817	1628	1697	11	11699	30.261	966162.149
11959	9869	8930	11	57973	35.299	5584781.417
420	435	503	24	4845	17.208	104285.4273
15868	9277	7355	16	10558	77.248	1530240.2
393	267	240	23	3177	0.092	127.33416
271	289	241	23	2900	0.115	145.29
20487	18365	15791	9	36410	0.009	0.731841
3788	2172	1611	14	31839	0.042	957.08034
424	374	361	15	2097	0.075	105.0597
322	205	206	24	2753	0.12	137.9253
1227	892	723	10	10283	0.06	618.21396
3839	2921	2648	11	6649	0.033	199.86894
26342	15180	13894	15	22415	7.575	339813.6415
12700	8295	7518	9	19523	0.018	391.24092
3253	2240	1896	10	29956	16.86	1516184.596
482	403	439	16	2176	0.08	109.0176
14266	9721	8202	11	16280	0.022	326.2512
531	403	535	11	1207	0.022	24.18828
5006	2844	2309	18	6874	0.036	0.2763348
1131	730	561	8	26346	12.128	1199014.891
338	275	245	23	3141	0.069	94.41846
519	431	464	10	1041	0.06	62.58492
23669	18542	16841	11	58264	0.022	2.3422128
589	489	438	25	6002	0.075	0.3619206
17450	11517	7838	13	23764	0.039	714.34584
325	307	315	23	3271	0.138	196.65252

898	650	562	8	2773	0.032	111.14184
1015	531	379	13	2240	0.052	89.7792
6279	3639	3469	8	28981	29.984	3260796.056
482	424	509	25	5804	0.075	0.3499812
521	277	237	13	1584	0.039	47.61504
13707	7367	6698	16	31289	0.016	0.6289089
3639	2743	1412	12	17839	0.012	0.3585639
13836	7152	9160	12	8937	0.06	447.7437
1910	1126	899	12	13940	0.036	419.0364
19321	11322	10828	12	33575	0.024	672.843
24284	15402	10945	12	63663	0.036	1913.70978
9019	6359	4483	17	27405	26.52	1283409.036
1642	1279	1093	12	5491	24.252	333141.2762
420	280	319	18	1993	0.108	119.81916
635	469	517	25	5795	0.075	0.3494385
2720	1873	1528	12	1513	49.452	187176.8915
14677	8569	8491	12	27415	30.132	2066548.731
1505	979	797	11	22638	0.055	1134.1638
504	477	561	15	2348	0.075	117.6348
7946	5516	4437	8	6751	0.04	338.2251
6900	4000	2615	13	35428	0.078	2129.93136
5067	2750	2596	16	7048	0.048	211.86288
314	283	312	25	3495	0.125	175.0995
30039	18633	12019	15	20299	0.015	0.4080099
12018	7133	7338	16	26081	0.048	1.5726843
533	385	453	25	5847	0.025	0.1175247
48559	34636	34587	16	71166	79.056	10555968.8
307	288	290	23	3407	0.069	102.41442
1032	660	550	10	15024	0.01	0.3019824
10992	6229	4532	14	4898	0.042	147.23388
28597	16894	12992	17	11460	0.102	688.9752
1980	976	892	17	2643	0.017	0.0531243
340	324	331	24	3326	0.048	66.65304
506	284	261	11	9030	0.011	0.181503
413	269	257	8	814	3.8	11607.233
37240	31897	29418	16	193	40.256	14577.35176
340	298	358	17	2144	0.102	128.89728
8823	8564	6757	13	8756	0.013	0.1759956

days_in_hot	views_hot	storage_cost_hot	latency_cost_hot	total_cost_with_latency
14	367475	2.8	0.00073495	5.38718355
20	6959	4	1.3918	24.83058
18	788313	1.8	0.000788313	2.216225413
16	80965	4.8	0.000242895	4.880080995
13	192118	809.9	35906.8542	171254.1462
19	453192	11.4	271.9152	902.37678
13	4198	7.8	2.5188	151.10166
13	4588	6.5	2.294	146.25325
6	2929	66.6	97.5357	19613.63673
16	462264	6006.4	520601.7168	837473.741
16	563788	7739.2	818112.7668	958638.6935
14	126067	1.4	0.000126067	1.670039267
13	643670	3783	561923.91	1446501.782
18	308620	1.8	0.00030862	2.00674592
13	579954	4513.6	604080.0864	887570.7266
15	6035	3	1.207	49.84806
13	3894	7.8	2.3364	131.56062
21	105533	4.2	0.000211066	4.351574466
14	516877	5243	580711.3095	5436923.852
13	171627	1357.2	53753.5764	122668.1312
5	2175	0.5	2.18E-06	0.643963975
12	3824	7.2	2.2944	153.83034
5	2304	1	4.61E-06	1.302199208
13	527351	7.8	316.4106	4174.93854
20	62185	9700	90479.175	967257.8585
6	1665	1.2	0.333	73.98554
15	485412	3843	373087.6632	446496.8798
16	418893	4.8	125.6679	838.12233
17	247411	5.1	0.000742233	6.190620333
20	391621	4262	250363.3053	2331709.663
21	328029	2.1	0.000328029	2.259686029
16	192152	1544	55628.004	247745.5791
20	6809	6	2.0427	38.70387
14	370439	4551.4	361289.1567	5180547.727
6	1523	3	0.7615	163.50015
18	388647	5592.6	362257.8687	704693.4813
7	2356	2.8	0.9424	150.08636
15	5952	4.5	1.7856	74.59689
16	377268	4.8	0.001131804	6.611459304
20	152655	2308	52849.161	189687.7922
20	7319	10	3.6595	62.30655
7	1883	1.4	0.3766	63.72618
20	7178	10	3.589	60.88335

19	494993	11.4	296.9958	852.9687
21	335275	4.2	67.055	190.01002
13	434904	7.8	260.9424	517.8615
15	424356	6819	578736.7128	845601.0509
17	400756	5.1	120.2268	1533.58665
13	3403	5.2	1.3612	78.13196
13	4636	7.8	2.7816	154.25022
15	6106	9	3.6636	144.8373
17	1016579	1.7	0.001016579	1.799933979
15	621543	7.5	310.7715	324.85955
7	3098	290.5	385.701	62404.16835
18	496322	604.8	50029.2576	181210.6834
15	315795	6	126.318	1397.02228
6	1707	3.6	1.0242	199.49694
13	990266	1.3	0.000990266	1.723075566
19	699956	9.5	349.978	489.59265
13	4586	3.9	1.3758	76.38867
16	989283	1268.8	235350.4257	1740256.065
18	16813	592.2	1659.4431	24932.22207
14	566345	749	90898.3725	138665.6068
14	4973	5.6	1.9892	93.66492
22	761235	8342.4	865980.936	2626287.288
13	581325	1683.5	225844.7625	238124.5353
14	5260	8.4	3.156	155.21862
16	374768	4.8	112.4304	160.46865
13	3469	3.9	1.0407	60.09171
5	2212	1	4.42E-06	1.306500424
19	222614	9.5	111.307	690.44895
20	643418	6	193.0254	1152.13779
6	2265	358.2	405.6615	87448.69731
19	456691	1.9	0.000456691	2.920064591
18	283072	9	141.536	226.79815
12	326883	1.2	0.000326883	2.420336983
13	10695	4465.5	11021.1975	235497.3139
21	72995	4.2	14.599	26.29194
18	83025	9	41.5125	230.88245
21	675804	6.3	202.7412	336.31221
19	910577	5.7	273.1731	2257.27497
18	777493	9	388.7465	3635.86975
6	1429	2.4	0.5716	137.49596
16	746529	3.2	0.001493058	6.512204858
19	208838	11.4	125.3028	195.5061
18	448032	10.8	268.8192	2253.67134
14	4937	4.2	1.4811	79.52643

6	2916	402.6	586.9908	112398.8141
16	476920	3.2	95.384	310.15426
22	70785	5687	54893.7675	181892.9305
5	2285	0.5	2.28E-06	0.645330885
19	639113	522.5	52726.8225	302816.1153
12	3853	3.6	1.1559	79.05813
21	1186095	2828.7	479300.9895	1815145.553
17	14514	1.7	1.45E-05	1.761807214
13	3966	5.2	1.5864	96.99436
22	143885	5332.8	104633.172	323197.0346
19	278567	5.7	83.5701	242.33859
15	46526	6	18.6104	89.84052
15	66220	1.5	6.62E-05	1.62837992
21	603878	239.4	20652.6276	34027.76538
19	406143	6150.3	394405.4673	2399378.634
15	514618	4.5	0.001543854	10.36691075
17	379810	555.9	37259.361	39341.07897
13	4562	5.2	1.8248	108.41508
16	878162	4.8	263.4486	2398.13181
5	2074	1	4.15E-06	1.307384548
21	260334	6.3	78.1002	555.10671
18	467182	1.8	0.000467182	1.959006182
15	339159	1.5	0.000339159	2.105826859
6	1510	1.8	0.453	97.46493
17	280132	8.5	140.066	1387.90465
14	507054	7	253.527	3988.84865
7	1662	3.5	0.831	149.83625
6	1473	3	0.7365	146.34095
3	550	1.8	0.33	237.96246
14	4921	2.8	0.9842	49.22686
19	555595	205.2	18001.278	154735.0247
16	315110	4.8	94.533	538.40133
5	2066	1	4.13E-06	1.289495532
14	281501	5.6	112.6004	1892.36556
16	211972	5616	223206.516	1345585.071
19	1132909	3864.6	691301.0718	4230418.256
12	3319	2.4	0.6638	44.54254
8	2491	4.8	1.4946	203.86074
6	1447	3.6	0.8682	191.94618
16	212739	3.2	42.5478	48.66158
13	3817	2.6	0.7634	43.4173
14	4714	8.4	2.8284	135.83298
18	215657	8924.4	320768.2218	906503.9124
6	1259	1.8	0.3777	80.91675

13	3814	6.5	1.907	117.81025
16	519368	3.2	0.001038736	4.333714536
15	4542	9	2.7252	34.05966
6	1244	1.8	0.3732	81.15273
13	3794	7.8	2.2764	131.86134
16	180144	9.6	108.0864	788.70966
22	573091	13.2	343.8546	363.65574
18	88218	3189.6	46896.6888	508120.3089
20	1352889	10	676.4445	2905.32335
19	407721	1765.1	113631.8427	913745.6621
5	1174	2	0.4696	131.18636
19	1157010	7822.3	1429023.051	3301651.905
21	285257	2.1	0.000285257	2.183584857
15	207331	3	41.4662	284.43514
18	60185	5.4	18.0555	149.20245
15	491464	9	294.8784	3097.68474
17	343021	3.4	68.6042	620.94586
19	1125947	3484.6	619496.0394	755522.2605
16	358058	1.6	0.000358058	2.378670558
18	481143	4537.8	363888.4509	991684.7868
21	206378	3744.3	110391.5922	1023285.292
6	1475	1.8	0.4425	93.03561
20	46177	8	18.4708	31.601
16	152520	2278.4	65156.544	504515.3538
15	452874	4.5	135.8622	1743.77757
19	586785	1.9	0.000586785	2.758771585
14	910186	2.8	182.0372	730.77886
5	1942	161	187.5972	52932.41758
13	3256	5.2	1.3024	70.21748
18	513789	9	256.8945	3017.74715
19	847244	7.6	338.8976	531.51084
14	137946	4.2	41.3838	51.43341
13	3660	5.2	1.464	73.62556
13	5149	2.6	1.0298	55.98826
20	7722	4	1.5444	25.26374
6	1221	2.4	0.4884	102.34276
6	1317	1.8	0.3951	78.86001
20	817285	2748	336884.877	2430398.897
18	425329	1.8	0.000425329	2.153753429
7	1875	3.5	0.9375	168.47975
21	148069	6.3	0.000444207	7.596005307
6	1603	1.8	0.4809	113.90559
16	842092	8	421.046	2879.60725
20	6800	4	1.36	24.73866

6	2683	250.8	336.4482	71482.97002
6	1325	3.6	0.795	167.94522
22	554966	4602.4	348296.6616	1300281.575
13	485273	5.2	194.1092	208.275
19	586521	5871	543704.967	1550602.572
6	1825	1.8	0.5475	112.28883
6	1340	1.8	0.402	86.59233
5	1940	0.5	1.94E-06	0.63789354
14	67646	2.8	13.5292	159.54702
7	1761	2.1	0.5283	94.98153
13	4599	2.6	0.9198	51.44942
13	302299	1.3	0.000302299	1.723231799
21	87245	2.1	8.72E-05	2.364266745
20	407926	532	32552.4948	313164.2711
13	4348	2.6	0.8696	49.39522
5	2055	0.5	2.06E-06	0.645250255
15	6262	7.5	3.131	125.43505
13	3213	3.9	0.9639	60.19527
13	126334	2.6	25.2668	93.79234
13	4793	5.2	1.9172	110.95236
17	397327	5043.9	353660.7627	1799528.907
5	2302	1.5	6.91E-06	1.925802006
15	514306	3	102.8612	380.92018
18	369665	7.2	147.866	2661.47676
19	182147	7632.3	219505.3497	3273535.046
14	391919	7	195.9595	2388.25125
19	116174	5.7	34.8522	126.94761
8	2355	4	1.1775	176.22875
17	395585	5.1	118.6755	633.81249
16	454616	4.8	0.001363848	5.092010748
6	2725	230.4	313.92	67621.58208
6	2747	149.4	205.2009	43102.51503
13	4663	5.2	1.8652	109.45748
18	330748	5.4	0.000992244	6.864202644
18	459010	5.4	137.703	232.59759
15	669081	7.5	334.5405	2124.52325
15	478830	1.5	0.00047883	2.55522163
13	407982	1.3	0.000407982	2.553025282
17	432963	1.7	0.000432963	2.475313363
16	366920	4.8	0.00110076	6.45850746
15	646161	4.5	193.8483	1530.11145
17	795312	1701.7	238832.1936	2157257.392
15	6081	4.5	1.8243	70.48731
20	201117	8114	244779.5007	1213013.668

22	428327	2270.4	132610.0392	768256.9097
18	510480	3466.8	294955.344	964225.5331
17	681213	10.2	408.7278	4696.00278
20	6527	8	2.6108	50.73084
16	316659	4.8	94.9977	1174.36449
12	220392	3.6	0.000661176	5.838395376
16	185183	1.6	0.000185183	1.683379383
22	531148	11	265.574	1047.05185
15	5854	4.5	1.7562	78.68571
20	215324	3662	118277.4732	1756445.214
22	444862	8122.4	492729.1512	1366604.248
19	358962	5158.5	292374.549	5128974.837
18	779575	1.8	0.000779575	2.557414175
14	5652	8.4	3.3912	159.54198
19	207373	11.4	124.4238	177.25242
14	4943	5.6	1.9772	91.44852
15	7405	4392	6504.552	63064.34736
6	1373	1.8	0.4119	96.28155
19	147855	5226.9	122024.7315	1093444.069
19	722163	6097.1	695226.3201	6286140.168
6	2384	430.2	512.7984	105245.6409
14	393742	6759.2	570295.9128	2107372.61
7	1921	2.8	0.7684	130.9946
7	1725	3.5	0.8625	149.76755
21	654694	2.1	0.000654694	2.841505694
16	277212	4.8	83.1636	1045.08597
15	5039	7.5	2.5195	115.15425
6	1297	3	0.6485	141.69385
20	173091	12	103.8546	734.12862
19	84726	5.7	25.4178	231.01977
15	595771	757.5	90259.3065	430838.0281
21	577056	4.2	115.4112	510.87014
20	491185	3372	248441.373	1768014.846
14	5073	7	2.5365	118.63415
19	326742	3.8	65.3484	395.42162
19	6863	3.8	1.3726	29.3829
12	80313	2.4	0.000160626	2.712515426
22	337285	3335.2	153397.218	1355759.452
7	1830	2.1	0.549	97.13649
20	7441	12	4.4646	79.10958
19	820168	3.8	0.001640336	6.165873136
5	2179	1.5	6.54E-06	1.936957137
17	594463	5.1	178.3389	897.82377
7	1892	4.2	1.1352	202.12578



22	72565	8.8	29.026	148.99988
17	82547	6.8	33.0188	129.65004
22	546838	8245.6	614864.6472	3883936.324
5	2072	1.5	6.22E-06	1.925017416
17	29978	5.1	8.9934	61.74747
14	491336	1.4	0.000491336	2.045410236
18	250805	1.8	0.000250805	2.170824705
18	342164	9	171.082	627.88575
18	244970	5.4	73.491	497.96343
18	515043	3.6	103.0086	779.47562
18	641736	5.4	192.5208	2111.66661
13	178258	2028	83424.744	1368888.316
18	119932	3637.8	72714.7716	409518.12
12	3396	7.2	2.0376	129.16482
5	2314	1.5	6.94E-06	1.924475442
18	61031	7417.8	75452.6253	270096.81
18	498741	4519.8	375701.5953	2446800.284
19	217900	9.5	108.95	1252.66885
15	6294	7.5	3.147	128.35685
22	199055	11	99.5275	448.79265
17	412735	10.2	247.641	2387.85042
14	71574	4.2	21.4722	237.58311
5	1209	2.5	0.6045	178.32905
15	560853	1.5	0.000560853	1.923580753
14	335498	4.2	0.001006494	5.821720794
5	2015	0.5	2.01E-06	0.642536715
14	860545	6917.4	1275585.854	11838551.16
7	2004	2.1	0.6012	105.18465
20	120886	2	0.000120886	2.312113286
16	468095	4.8	140.4285	292.50441
13	511474	7.8	306.8844	1003.76166
13	74408	1.3	7.44E-05	1.370208708
6	1666	1.2	0.3332	68.23426
19	92703	1.9	9.27E-05	2.092605703
22	23898	1045	3405.465	16061.50275
14	685220	3522.4	517204.056	535344.0889
13	3827	7.8	2.2962	139.09554
17	324020	1.7	0.00032402	1.88932962

total_storage_cost	storage_cost_cold_static	latency_cost_cold_static
2.83202	0.06	17.3269236
4.02002	0.06	158.87712
1.81201	0.03	16.2485184
4.84203	0.09	4.9199976
820.49723	18.69	3727606.005
11.46606	0.18	27864.89856
7.90206	0.18	393.06456
6.58505	0.15	367.233
69.26511	3.33	29206.9083
6058.99354	112.62	52405691.49
7806.96637	145.11	81998536.49
1.41601	0.03	2.7878499
3832.4991	87.3	57110597.97
1.81201	0.03	6.3976893
4572.65872	104.16	60727198.63
3.03002	0.06	166.55244
7.90206	0.18	355.42944
4.21802	0.06	4.37577
5302.95745	112.35	62960754.62
1374.95844	31.32	5446480.808
0.52501	0.03	0.1626693
7.30806	0.18	374.12676
1.05002	0.06	0.3447954
7.90206	0.18	35554.968
9748.5485	145.5	9920979.58
1.24802	0.06	105.77112
3881.45562	76.86	37403166.59
4.84203	0.09	13299.53598
5.13903	0.09	15.9697314
4283.33131	63.93	27130084.44
2.10901	0.03	6.7437309
1557.51965	28.95	5757068.989
6.03003	0.09	235.30968
4603.44851	97.53	40967656.74
3.12005	0.15	235.9209
5629.91507	93.21	36586743.09
2.89204	0.12	240.6804
4.54503	0.09	247.18338
4.84203	0.09	24.5175579
2319.55154	34.62	5422958.457
10.05005	0.15	415.2789
1.44602	0.06	99.63888
10.05005	0.15	406.8621

11.46606	0.18	30303.486
4.21802	0.06	6837.648
7.90206	0.18	26395.44552
6887.23546	136.38	58172230.83
5.13903	0.09	13454.94618
5.26804	0.12	207.89496
7.90206	0.18	422.28288
9.09006	0.18	499.17636
1.71301	0.03	20.5191453
7.57505	0.15	31145.8173
300.04915	12.45	100314.2316
608.83536	10.08	5136833.634
6.06004	0.12	13921.70784
3.74406	0.18	297.35352
1.31701	0.03	20.3094219
9.55505	0.15	35197.8552
3.95103	0.09	208.917
1279.90993	23.79	25054358.33
596.15129	9.87	188731.5672
757.56535	16.05	9142906.81
5.66404	0.12	285.32952
8372.77392	113.76	88407759.24
1705.52795	38.85	22610106.81
8.49606	0.18	459.79776
4.84203	0.09	11308.7223
3.95103	0.09	159.37812
1.05002	0.06	0.3453984
9.55505	0.15	11722.5483
6.03003	0.09	20294.22744
372.53397	17.91	127263.6959
1.91101	0.03	10.188087
9.06005	0.15	14258.1093
1.21801	0.03	7.7723484
4523.92935	103.05	1322806.684
4.21802	0.06	1470.29472
9.06005	0.15	4339.8624
6.32703	0.09	20441.91222
5.73303	0.09	29350.31346
9.06005	0.15	42190.4625
2.49604	0.12	191.70264
3.22802	0.06	33.2931576
11.46606	0.18	12614.0778
10.87206	0.18	28909.66392
4.24803	0.09	222.20352

418.71071	20.13	170131.3253
3.22802	0.06	9769.01904
5707.70585	77.55	5614327.792
0.52501	0.03	0.1662471
525.52775	8.25	5525761.137
3.65403	0.09	190.06938
2840.83647	40.41	49295056.08
1.71301	0.03	0.3405141
5.26804	0.12	249.0972
5352.21624	72.72	10683504.39
5.73303	0.09	8526.75948
6.06004	0.12	1929.93216
1.51501	0.03	1.4443257
240.42714	3.42	2079774.312
6185.93937	97.11	41465627.65
4.54503	0.09	36.8518023
560.15427	9.81	3729941.621
5.26804	0.12	284.1672
4.84203	0.09	28527.3909
1.05002	0.06	0.3407352
6.32703	0.09	8296.31952
1.81201	0.03	9.5368872
1.51501	0.03	7.4075736
1.87203	0.09	140.5305
8.56505	0.15	15273.8868
7.08005	0.15	29131.647
3.61505	0.15	228.6564
3.12005	0.15	216.2817
1.96206	0.18	268.7364
2.83202	0.06	144.02748
206.38908	3.24	1937855.243
4.84203	0.09	9911.2329
1.05002	0.06	0.3225246
5.66404	0.12	13056.6612
5665.1751	105.3	23452245.41
3886.99434	61.02	72711424.11
2.43602	0.06	107.95548
4.93206	0.18	347.193
3.74406	0.18	274.32756
3.22802	0.06	4266.17532
2.63402	0.06	116.51256
8.49606	0.18	407.9142
8983.94558	148.74	32674958.47
1.87203	0.09	116.51256

6.58505	0.15	300.3996
3.22802	0.06	21.9832494
9.09006	0.18	295.30944
1.87203	0.09	116.30214
7.90206	0.18	349.77816
9.68406	0.18	11501.19648
13.24806	0.18	34460.784
3210.88172	53.16	5150808.064
10.05005	0.15	69998.5677
1775.32829	27.87	12169098.22
2.10004	0.12	175.67064
7867.62817	123.51	144862334.5
2.10901	0.03	5.8079553
3.03002	0.06	4394.85216
5.43603	0.09	1934.87202
9.09006	0.18	32340.53196
3.42602	0.06	7423.05648
3504.79234	55.02	62123425.1
1.61401	0.03	7.9612683
4568.07721	75.63	37036332.58
3760.36483	53.49	11955651.99
1.87203	0.09	135.05958
8.04004	0.12	1855.86432
2298.35024	42.72	6957058.629
4.54503	0.09	15216.76278
1.91101	0.03	12.6415533
2.83202	0.06	18786.03708
169.05322	9.66	71347.99364
5.26804	0.12	194.14752
9.06005	0.15	28492.6215
7.64404	0.12	34142.50872
4.24803	0.09	4152.45834
5.26804	0.12	213.58632
2.63402	0.06	155.5104
4.02002	0.06	174.4482
2.49604	0.12	148.296
1.87203	0.09	116.1819
2761.75374	41.22	35801698.96
1.81201	0.03	8.890431
3.61505	0.15	257.8647
6.32703	0.09	10.1970918
1.87203	0.09	159.73884
8.07005	0.15	44639.3004
4.02002	0.06	155.63064

260.83618	12.54	104552.9355
3.74406	0.18	243.06516
4619.15692	62.76	35800251.69
5.26804	0.12	19458.6396
5905.0209	92.7	55407736.28
1.87203	0.09	164.7288
1.87203	0.09	124.5987
0.52501	0.03	0.1518756
2.83202	0.06	1498.81164
2.16903	0.09	145.21986
2.63402	0.06	140.05956
1.31701	0.03	6.4821294
2.10901	0.03	2.008794
534.66266	7.98	3537496.76
2.63402	0.06	133.02552
0.52501	0.03	0.1615437
7.57505	0.15	428.4552
3.95103	0.09	151.86312
2.63402	0.06	2597.62488
5.26804	0.12	295.87056
5082.50067	89.01	36830439.3
1.57503	0.09	0.4895757
3.03002	0.06	10581.7212
7.24804	0.12	17322.53592
7676.52717	120.51	25011521.83
7.08005	0.15	21820.3536
5.73303	0.09	3578.55282
4.11005	0.15	288.9267
5.13903	0.09	12401.28306
4.84203	0.09	27.6619617
239.61984	11.52	98480.97024
155.37849	7.47	63275.7057
5.26804	0.12	289.21728
5.43603	0.09	21.3712848
5.43603	0.09	13887.29916
7.57505	0.15	35303.3658
1.51501	0.03	10.6642158
1.31701	0.03	9.4360455
1.71301	0.03	9.4644267
4.84203	0.09	23.7406527
4.54503	0.09	20755.31778
1714.72301	30.03	25815851.98
4.54503	0.09	246.91284
8154.61057	121.71	25454348.26

2278.66632	30.96	13903212.79
3489.93126	57.78	30180978.35
10.27806	0.18	45231.52248
8.04004	0.12	301.68216
4.84203	0.09	10593.2943
3.65403	0.09	15.4733418
1.61401	0.03	3.7913625
11.04005	0.15	27380.9526
4.54503	0.09	248.35572
3680.32831	54.93	13470119.9
8151.97292	110.76	50171486.85
5188.39215	81.45	34088358.43
1.81201	0.03	16.4140821
8.49606	0.18	487.45296
11.46606	0.18	12508.62732
5.66404	0.12	281.92272
4435.94928	87.84	703012.6829
1.87203	0.09	135.27
5257.18851	82.53	13176770.28
6132.43109	96.27	75153761.85
447.41517	21.51	155599.4539
6836.49628	144.84	58597851.21
2.89204	0.12	204.32784
3.61505	0.15	231.7125
2.10901	0.03	13.8911904
4.84203	0.09	9290.07306
7.57505	0.15	357.5136
3.12005	0.15	202.905
12.06006	0.18	11024.44488
5.73303	0.09	2746.7325
765.08005	15.15	9371761.579
4.21802	0.06	11955.44316
3388.87686	50.58	26376884.65
7.08005	0.15	363.1749
3.82202	0.06	6874.16088
3.82202	0.06	161.7228
2.43602	0.06	3.5049174
3347.34316	45.48	16548963.17
2.16903	0.09	149.42826
12.06006	0.18	509.93784
3.82202	0.06	35.3129664
1.57503	0.09	0.4933143
5.13903	0.09	18583.90362
4.33806	0.18	310.39956

8.83204	0.12	3019.54704
6.85204	0.12	3398.26296
8275.62148	112.44	64788251.75
1.57503	0.09	0.4749228
5.13903	0.09	948.75372
1.41601	0.03	10.5047625
1.81201	0.03	5.3997444
9.06005	0.15	17590.1601
5.43603	0.09	7782.8346
3.62402	0.06	10994.30472
5.43603	0.09	21204.29394
2054.5356	46.8	9631445.086
3662.07221	60.63	7609466.088
7.30806	0.18	323.98668
1.57503	0.09	0.4889727
7467.29321	123.63	7737469.596
4549.95711	75.33	39661755.03
9.55505	0.15	12050.9538
7.57505	0.15	432.9642
11.04005	0.15	10310.8806
10.27806	0.18	26943.55956
4.24803	0.09	2363.37732
2.62505	0.15	235.6704
1.51501	0.03	11.6811552
4.24803	0.09	21.8032137
0.52501	0.03	0.1580262
6996.50541	148.23	138199593.2
2.16903	0.09	162.65466
2.01001	0.03	2.731791
4.84203	0.09	14218.16958
7.90206	0.18	31438.79208
1.31701	0.03	1.5487251
1.24802	0.06	100.03968
1.91101	0.03	2.0448333
1048.80475	14.25	352380.764
3562.68116	75.48	51769463.22
7.90206	0.18	358.97652
1.71301	0.03	6.6887976



total_cost_cold_static	storage_cost_hot_static	latency_co	total_cost_hot_static
17.3869236		6 0.000862	6.000862
158.93712		6 1.5856	7.5856
16.2785184		3 0.000808	3.000808
5.0099976		9 0.000245	9.000245
3727624.695	1869	37251.23	39120.23
27865.07856	18	278.0928	296.0928
393.24456	18	3.9228	21.9228
367.383	15	3.665	18.665
29210.2383	333	291.8745	624.8745
52405804.11	11262	523707.8	534969.8
81998681.6	14511	819439.1	833950.1
2.8178499	3	0.000139	3.000139
57110685.27	8730	570725.5	579455.5
6.4276893	3	0.000318	3.000318
60727302.79	10416	606867.4	617283.4
166.61244	6	1.6622	7.6622
355.60944	18	3.5472	21.5472
4.43577	6	0.000218	6.000218
62960866.97	11235	629188.1	640423.1
5446512.128	3132	54428.52	57560.52
0.1926693	3	8.09E-06	3.000008
374.30676	18	3.7338	21.7338
0.4047954	6	1.72E-05	6.000017
35555.148	18	354.84	372.84
9921125.08	14550	99143.7	113693.7
105.83112	6	1.0556	7.0556
37403243.45	7686	373782.5	381468.5
13299.62598	9	132.7299	141.7299
16.0597314	9	0.000795	9.000795
27130148.37	6393	271120.1	277513.1
6.7737309	3	0.000336	3.000336
5757097.939	2895	57532.34	60427.34
235.39968	9	2.3484	11.3484
40967754.27	9753	409403.6	419156.6
236.0709	15	2.3545	17.3545
36586836.3	9321	365623.7	374944.7
240.8004	12	2.402	14.402
247.27338	9	2.4669	11.4669
24.6075579	9	0.00122	9.00122
5422993.077	3462	54193.46	57655.46
415.4289	15	4.1445	19.1445
99.69888	6	0.9944	6.9944
407.0121	15	4.0605	19.0605

30303.666	18	302.43	320.43
6837.708	6	68.24	74.24
26395.62552	18	263.4276	281.4276
58172367.21	13638	581334.8	594972.8
13455.03618	9	134.2809	143.2809
208.01496	12	2.0748	14.0748
422.46288	18	4.2144	22.2144
499.35636	18	4.9818	22.9818
20.5491453	3	0.001021	3.001021
31145.9673	15	310.8365	325.8365
100326.6816	1245	1002.474	2247.474
5136843.714	1008	51334.11	52342.11
13921.82784	12	138.9392	150.9392
297.53352	18	2.9676	20.9676
20.3394219	3	0.00101	3.00101
35198.0052	15	351.276	366.276
209.007	9	2.085	11.085
25054382.12	2379	250376.7	252755.7
188741.4372	987	1886.058	2873.058
9142922.86	1605	91368.16	92973.16
285.44952	12	2.8476	14.8476
88407873	11376	883488.6	894864.6
22610145.66	3885	225950.4	229835.4
459.97776	18	4.5888	22.5888
11308.8123	9	112.8615	121.8615
159.46812	9	1.5906	10.5906
0.4053984	6	1.72E-05	6.000017
11722.6983	15	116.9915	131.9915
20294.31744	9	202.5372	211.5372
127281.6059	1791	1271.789	3062.789
10.218087	3	0.000507	3.000507
14258.2593	15	142.2965	157.2965
7.8023484	3	0.000387	3.000387
1322909.734	10305	13219.25	23524.25
1470.35472	6	14.6736	20.6736
4340.0124	15	43.312	58.312
20442.00222	9	204.0111	213.0111
29350.40346	9	292.9173	301.9173
42190.6125	15	421.0625	436.0625
191.82264	12	1.9132	13.9132
33.3531576	6	0.001656	6.001656
12614.2578	18	125.889	143.889
28909.84392	18	288.5196	306.5196
222.29352	9	2.2176	11.2176

170151.4553	2013	1700.18	3713.18
9769.07904	6	97.4952	103.4952
5614405.342	7755	56105.87	63860.87
0.1962471	3	8.27E-06	3.000008
5525769.387	825	55220.8	56045.8
190.15938	9	1.8969	10.8969
49295096.49	4041	492622.1	496663.1
0.3705141	3	1.69E-05	3.000017
249.2172	12	2.486	14.486
10683577.11	7272	106763.9	114035.9
8526.84948	9	85.0974	94.0974
1930.05216	12	19.2608	31.2608
1.4743257	3	7.19E-05	3.000072
2079777.732	342	20783.89	21125.89
41465724.76	9711	414380	424091
36.9418023	9	0.001833	9.001833
3729951.431	981	37274.57	38255.57
284.2872	12	2.836	14.836
28527.4809	9	284.7045	293.7045
0.4007352	6	1.70E-05	6.000017
8296.40952	9	82.7976	91.7976
9.5668872	3	0.000474	3.000474
7.4375736	3	0.000369	3.000369
140.6205	9	1.4025	10.4025
15274.0368	15	152.434	167.434
29131.797	15	290.735	305.735
228.8064	15	2.282	17.282
216.4317	15	2.1585	17.1585
268.9164	18	2.682	20.682
144.08748	6	1.4374	7.4374
1937858.483	324	19365.64	19689.64
9911.3229	9	98.9145	107.9145
0.3825246	6	1.60E-05	6.000016
13056.7812	12	130.306	142.306
23452350.71	10530	234366.2	244896.2
72711485.13	6102	726629.8	732731.8
108.01548	6	1.0774	7.0774
347.373	18	3.465	21.465
274.50756	18	2.7378	20.7378
4266.23532	6	42.5766	48.5766
116.57256	6	1.1628	7.1628
408.0942	18	4.071	22.071
32675107.21	14874	326531.9	341405.9
116.60256	9	1.1628	10.1628

300.5496	15	2.998	17.998
22.0432494	6	0.001094	6.001094
295.48944	18	2.9472	20.9472
116.39214	9	1.1607	10.1607
349.95816	18	3.4908	21.4908
11501.37648	18	114.7824	132.7824
34460.964	18	343.92	361.92
5150861.224	5316	51473.76	56789.76
69998.7177	15	698.5885	713.5885
12169126.09	2787	121609.9	124396.9
175.79064	12	1.7532	13.7532
144862458	12351	1447658	1460009
5.8379553	3	0.000289	3.000289
4394.91216	6	43.8608	49.8608
1934.96202	9	19.3101	28.3101
32340.71196	18	322.7598	340.7598
7423.11648	6	74.0824	80.0824
62123480.12	5502	620820.4	626322.4
7.9912683	3	0.000396	3.000396
37036408.21	7563	370116.6	377679.6
11955705.48	5349	119476.9	124825.9
135.14958	9	1.3479	10.3479
1855.98432	12	18.5216	30.5216
6957101.349	4272	69524.24	73796.24
15216.85278	9	151.8639	160.8639
12.6715533	3	0.000629	3.000629
18786.09708	6	187.4854	193.4854
71357.65364	966	713.0046	1679.005
194.26752	12	1.9376	13.9376
28492.7715	15	284.3575	299.3575
34142.62872	12	340.7436	352.7436
4152.54834	9	41.4417	50.4417
213.70632	12	2.1316	14.1316
155.5704	6	1.552	7.552
174.5082	6	1.741	7.741
148.416	12	1.48	13.48
116.2719	9	1.1595	10.1595
35801740.18	4122	357778.5	361900.5
8.920431	3	0.000442	3.000442
258.0147	15	2.5735	17.5735
10.2870918	9	0.000507	9.000507
159.82884	9	1.5942	10.5942
44639.4504	15	445.502	460.502
155.69064	6	1.5532	7.5532

104565.4755	1254	1044.833	2298.833
243.24516	18	2.4258	20.4258
35800314.45	6276	357764	364040
19458.7596	12	194.198	206.198
55407828.98	9270	553708.2	562978.2
164.8188	9	1.644	10.644
124.6887	9	1.2435	10.2435
0.1818756	3	7.56E-06	3.000008
1498.87164	6	14.9582	20.9582
145.30986	9	1.4493	10.4493
140.11956	6	1.3978	7.3978
6.5121294	3	0.000322	3.000322
2.038794	3	9.99E-05	3.0001
3537504.74	798	35351.4	36149.4
133.08552	6	1.3276	7.3276
0.1915437	3	8.04E-06	3.000008
428.6052	15	4.276	19.276
151.95312	9	1.5156	10.5156
2597.68488	6	25.9244	31.9244
295.99056	12	2.9528	14.9528
36830528.31	8901	368059	376960
0.5795757	9	2.44E-05	9.000024
10581.7812	6	105.606	111.606
17322.65592	12	172.8796	184.8796
25011642.34	12051	249948.6	261999.6
21820.5036	15	217.768	232.768
3578.64282	9	35.7141	44.7141
289.0767	15	2.8835	17.8835
12401.37306	9	123.7653	132.7653
27.7519617	9	0.001376	9.001376
98492.49024	1152	984.1536	2136.154
63283.1757	747	632.3355	1379.336
289.33728	12	2.8864	14.8864
21.4612848	9	0.001063	9.001063
13887.38916	9	138.5958	147.5958
35303.5158	15	352.329	367.329
10.6942158	3	0.000531	3.000531
9.4660455	3	0.000469	3.000469
9.4944267	3	0.000471	3.000471
23.8306527	9	0.001181	9.001181
20755.40778	9	207.1389	216.1389
25815882.01	3003	257986.5	260989.5
247.00284	9	2.4642	11.4642
25454469.97	12171	254373.9	266544.9

13903243.75	3096	138939.5	142035.5
30181036.13	5778	301608.7	307386.7
45231.70248	18	451.4124	469.4124
301.80216	12	3.0108	15.0108
10593.3843	9	105.7215	114.7215
15.5633418	9	0.00077	9.00077
3.8213625	3	0.000189	3.000189
27381.1026	15	273.263	288.263
248.44572	9	2.4786	11.4786
13470174.83	5493	134611.5	140104.5
50171597.61	11076	501380.6	512456.6
34088439.88	8145	340656.5	348801.5
16.4440821	3	0.000817	3.000817
487.63296	18	4.8648	22.8648
12508.80732	18	124.8366	142.8366
282.04272	12	2.8136	14.8136
703100.5229	8784	7025.443	15809.44
135.36	9	1.35	10.35
13176852.81	8253	131679.9	139932.9
75153858.12	9627	751036.9	760663.9
155620.9639	2151	1554.958	3705.958
58597996.05	14484	585588.1	600072.1
204.44784	12	2.0392	14.0392
231.8625	15	2.3125	17.3125
13.9211904	3	0.000691	3.000691
9290.16306	9	92.7153	101.7153
357.6636	15	3.568	18.568
203.055	15	2.025	17.025
11024.62488	18	110.0244	128.0244
2746.8225	9	27.4125	36.4125
9371776.729	1515	93655.18	95170.18
11955.50316	6	119.3158	125.3158
26376935.23	5058	263593.1	268651.1
363.3249	15	3.6245	18.6245
6874.22088	6	68.6044	74.6044
161.7828	6	1.614	7.614
3.5649174	6	0.000174	6.000174
16549008.65	4548	165379.4	169927.4
149.51826	9	1.4913	10.4913
510.11784	18	5.0892	23.0892
35.3729664	6	0.001757	6.001757
0.5833143	9	2.45E-05	9.000025
18583.99362	9	185.4681	194.4681
310.57956	18	3.0978	21.0978

3019.66704	12	30.1352	42.1352
3398.38296	12	33.9148	45.9148
64788364.19	11244	647450.9	658694.9
0.5649228	9	2.36E-05	9.000024
948.84372	9	9.4686	18.4686
10.5347625	3	0.000523	3.000523
5.4297444	3	0.000269	3.000269
17590.3101	15	175.5505	190.5505
7782.9246	9	77.673	86.673
10994.36472	6	109.7236	115.7236
21204.38394	9	211.6197	220.6197
9631491.886	4680	96250.28	100930.3
7609526.718	6063	76043.96	82106.96
324.16668	18	3.2334	21.2334
0.5789727	9	2.43E-05	9.000024
7737593.226	12363	77323.15	89686.15
39661830.36	7533	396353.3	403886.3
12051.1038	15	120.269	135.269
433.1142	15	4.321	19.321
10311.0306	15	102.903	117.903
26943.73956	18	268.8978	286.8978
2363.46732	9	23.5866	32.5866
235.8204	15	2.352	17.352
11.7111552	3	0.000581	3.000581
21.8932137	9	0.001085	9.001085
0.1880262	3	7.86E-06	3.000008
138199741.4	14823	1381075	1395898
162.74466	9	1.6233	10.6233
2.761791	3	0.000136	3.000136
14218.25958	9	141.8979	150.8979
31438.97208	18	313.7604	331.7604
1.5787251	3	7.71E-05	3.000077
100.09968	6	0.9984	6.9984
2.0748333	3	0.000102	3.000102
352395.014	1425	3521.46	4946.46
51769538.7	7548	517349.7	524897.7
359.15652	18	3.5826	21.5826
6.7187976	3	0.000333	3.000333