

LAMPIRAN I

Tabel Ekstraksi Fitur

Nama Citra	Fitur															kelas	kelas
	MEAN	VAR	ENT	STD	lokalent	lokalrge	lokalstd	SKEW	KURT	CiriASM	CiriCON	CiriCOR	CiriVAR	CiriIDM	CiriENT		
sm1	68.84444	527.6732	5.692504	22.97114	4.927807	56.35778	18.7991	2.795618	10.31775	0.00082	695.6236	0.340401	179.4958	0.076134	10.73631	0	1
sm2	75.16333	414.4839	5.477677	20.35888	4.767914	47.94333	16.23512	3.100597	12.44291	0.001119	499.5037	0.398044	165.149	0.100595	10.33986	0	1
sm3	69.32111	480.2138	5.548772	21.91378	4.794031	46.74556	15.90991	3.043561	12.09855	0.001039	461.1499	0.526149	256.0231	0.098049	10.41667	0	1
sm4	71.22111	741.327	5.837238	27.22732	4.944457	53.16556	18.09424	2.686463	9.664091	0.000853	577.5149	0.610225	452.0737	0.0905	10.73507	0	1
sm5	73.32111	487.5286	5.603605	22.08005	4.841437	51.07	17.2075	3.008581	11.96534	0.000942	572.1475	0.412191	200.6044	0.08755	10.58493	0	1
sm6	6.896667	61.2585	3.445465	7.826781	3.248733	18.16889	7.214749	10.86994	142.2272	0.022278	110.8764	0.090477	5.514863	0.253507	6.854196	0	1
sm7	10.72	71.54332	3.76571	8.458328	3.508172	19.54	7.714578	7.35499	69.64189	0.010084	125.9786	0.115517	8.226685	0.210578	7.443441	0	1
sm8	8.367778	66.53756	3.513214	8.157056	3.317706	18.59222	7.611787	10.04264	125.6359	0.018432	122.3175	0.077478	5.136412	0.232222	6.950755	0	1
sm9	7.584444	61.96505	3.522836	7.871788	3.309327	18.30556	7.452206	10.20554	129.0941	0.017737	117.2482	0.05465	3.389045	0.225478	6.998369	0	1
sm10	15.87667	68.90913	4.099628	8.301152	3.772369	20.61444	7.239967	5.483952	34.3191	0.006387	112.6919	0.170694	11.59753	0.188964	8.047206	0	1
sm11	69.64111	545.3761	5.741642	23.35329	4.959037	55.26444	18.55193	2.820796	10.65853	0.000778	669.0909	0.39184	215.5492	0.0731	10.81448	0	1
sm12	65.01889	527.0931	5.707769	22.95851	4.905329	52.83667	17.6551	2.811471	10.77113	0.000817	598.9294	0.430652	226.5139	0.082288	10.73839	0	1
sm13	73.59889	501.1326	5.602113	22.38599	4.825267	52.31222	17.59134	3.011848	12.17946	0.00094	614.9989	0.379977	188.449	0.086469	10.55417	0	1
sm14	70.31	501.1018	5.639825	22.3853	4.869042	52.53222	17.64678	3.212582	13.90416	0.000938	605.5375	0.401766	203.3358	0.088933	10.64417	0	1
sm15	66.08	457.8312	5.579384	21.39699	4.839369	49.4	16.53675	3.207662	13.52551	0.001013	524.3585	0.425307	194.0283	0.092901	10.52728	0	1
sm16	68.97333	524.9804	5.64599	22.91245	4.879064	53.23444	17.80609	2.9894	11.78314	0.000919	618.3092	0.411918	216.5448	0.076132	10.61221	0	1
sm17	70.38667	494.5934	5.670899	22.23946	4.893737	50.39444	16.89865	3.137892	13.50616	0.000888	533.7466	0.460776	228.0476	0.082283	10.66716	0	1
sm18	60.23	456.5043	5.564899	21.36596	4.848016	48.25111	16.41204	2.974193	11.63561	0.000978	496.7895	0.451288	204.292	0.090236	10.48527	0	1
sm19	66.02889	507.394	5.646005	22.52541	4.842129	51.42667	17.46119	2.973706	11.71129	0.000908	580.9071	0.413802	205.0332	0.085844	10.62605	0	1
sm20	59.68333	595.9853	5.73462	24.41281	4.929141	53.14111	17.98947	3.009347	12.55932	0.000849	591.3713	0.502562	298.7312	0.080297	10.72171	0	1
sm21	67.85889	579.3872	5.726771	24.07046	4.933524	56.04667	18.78074	3.031539	12.65801	0.000831	668.6717	0.421059	243.1593	0.075461	10.75292	0	1
sm22	62.96778	533.544	5.650672	23.09857	4.871759	50.85889	17.04316	3.060982	12.49559	0.000922	533.8935	0.504059	271.3162	0.092245	10.59839	0	1
sm23	63.50222	598.7597	5.790548	24.46957	5.000115	55.70444	18.78105	2.66157	9.664288	0.000766	642.6964	0.463541	277.6693	0.073904	10.8395	0	1
sm24	55.98111	558.6415	5.719645	23.6356	4.876984	47.99556	16.19264	2.62133	9.181554	0.000852	488.655	0.552453	301.5982	0.092699	10.67305	0	1
sm25	60.95222	561.5962	5.724586	23.69802	4.924844	51.72333	17.64248	2.901871	11.49107	0.000809	562.8605	0.500577	282.0804	0.082198	10.73652	0	1
sm26	63.11556	532.327	5.63473	23.07221	4.899925	50.01556	17.09295	2.742406	9.892746	0.000908	533.5239	0.497967	264.6009	0.093566	10.58461	0	1
sm27	61.71778	545.9981	5.740045	23.3666	4.91477	50.58111	17.17512	2.928813	11.97488	0.000877	541.5981	0.499531	270.2913	0.089529	10.71949	0	1
sm28	69.72889	541.0454	5.644604	23.26038	4.918904	49.95	16.7794	3.040387	12.49548	0.000942	511.7145	0.530663	289.2885	0.087713	10.59974	0	1
sm29	63.60333	552.1817	5.704436	23.49855	4.921989	49.62333	17.02103	2.730306	10.04286	0.000852	518.9822	0.529831	292.4197	0.087844	10.66328	0	1
sm30	69.98444	472.4291	5.572614	21.73544	4.819717	45.98111	15.43738	3.134087	13.03091	0.001026	449.9418	0.528772	252.4427	0.104388	10.47287	0	1
sm31	57.41667	528.8863	5.636073	22.99753	4.893857	49.41444	16.78971	2.954761	11.78177	0.000949	508.3332	0.514114	268.9325	0.088572	10.56983	0	1
sm32	61.83	489.396	5.607191	22.1223	4.860072	49.72333	16.70193	2.959219	11.36611	0.000939	507.1076	0.483681	237.5259	0.089135	10.56803	0	1
sm33	62.82556	573.8594	5.7858	23.95536	4.94619	52	17.69821	2.590229	9.00695	0.000783	564.4772	0.50342	286.1259	0.086745	10.77817	0	1
sm34	74.58333	542.0298	5.717881	23.28153	4.964489	54.70889	18.53845	2.726652	10.05955	0.000791	664.9989	0.380265	204.0193	0.077419	10.77839	0	1
sm35	74.40556	538.1457	5.679295	23.19797	4.910579	54.81667	18.54693	2.88891	11.21665	0.000844	680.2211	0.368835	198.7508	0.078504	10.72726	0	1
sm36	67.53667	513.1054	5.640396	22.65183	4.895096	51.28667	17.29589	2.986813	11.98807	0.000951	556.5979	0.453675	231.1029	0.088293	10.59472	0	1

sm37	79.13	370.4291	5.400651	19.24654	4.706534	45.07444	15.28886	3.517266	16.04487	0.001296	452.7682	0.391185	145.4595	0.097546	10.21811	0	1
sm38	65.67222	575.7779	5.729176	23.99537	4.925452	51.55	17.46012	2.897767	11.42444	0.000844	560.4261	0.520105	303.6922	0.085802	10.69115	0	1
sm39	65.12222	464.6969	5.558918	21.55683	4.80967	49.96556	16.74502	3.246092	14.14446	0.001024	536.9808	0.419198	193.7852	0.087117	10.50432	0	1
sm40	60.50556	477.6385	5.553943	21.85494	4.778278	49.47444	16.59549	3.266499	14.45631	0.001052	517.7073	0.457729	218.4976	0.096737	10.47286	0	1
sm41	65.65667	502.466	5.61163	22.41575	4.875569	51.71667	17.4077	3.072223	12.30399	0.000949	573.1318	0.431978	217.932	0.088621	10.58145	0	1
sm42	67.12667	496.658	5.600482	22.28583	4.863778	52.28	17.63796	3.00498	12.07036	0.000927	611.7459	0.383388	190.181	0.082807	10.58585	0	1
sm43	65.16111	479.6058	5.600125	21.89991	4.863023	50.04556	16.80798	2.827209	10.71735	0.000919	534.4081	0.438324	208.5227	0.083474	10.55904	0	1
sm44	69.50222	397.2024	5.467448	19.92994	4.720065	44.67333	15.09512	3.352932	14.86185	0.001138	438.9312	0.452848	181.6401	0.093644	10.34608	0	1
sm45	66.41222	492.9233	5.635089	22.20188	4.840741	50.70556	17.17207	3.155435	13.88153	0.000924	541.6033	0.451625	223.0242	0.085546	10.61824	0	1
sm46	73.6	506.6897	5.629554	22.50977	4.860202	51.59222	17.29921	2.863089	10.77908	0.00091	554.3651	0.4516	228.2563	0.09166	10.59413	0	1
sm47	38.76444	184.2693	4.932921	13.57458	4.437836	32.21778	10.97035	3.774037	17.27016	0.002019	237.5188	0.355526	65.51403	0.124224	9.513756	0	1
sm48	64.91333	545.4363	5.653767	23.35458	4.900756	50.08222	17.02426	2.844323	10.86894	0.000894	507.5154	0.534199	291.0191	0.089385	10.62243	0	1
sm49	60.45444	512.0124	5.66709	22.62769	4.90134	49.16	16.78185	2.857365	11.12267	0.000903	514.4099	0.490421	247.5353	0.089318	10.60002	0	1
sm50	61.05	499.9185	5.596221	22.35886	4.853146	50.27667	16.79214	3.100575	12.56334	0.001021	522.514	0.479012	240.2079	0.093892	10.51488	0	1
sm51	145.1822	3301.313	6.817775	57.45705	5.483799	128.6733	43.2428	1.538525	4.846919	0.000291	3436.549	0.484301	1613.655	0.035748	12.00669	0	1
sm52	137.3389	2868.404	6.765777	53.55749	5.418054	123.0033	41.59423	1.518572	4.49514	0.000299	3295.879	0.421044	1198.458	0.037347	11.96045	0	1
sm53	150.1022	2987.251	6.800313	54.65575	5.450791	126.1622	42.7579	1.568635	4.66265	0.000292	3591.238	0.401716	1205.663	0.038141	11.98374	0	1
sm54	146.6467	2756.407	6.700166	52.50149	5.426205	121.0333	40.45774	1.679331	5.169849	0.000322	3184.683	0.422405	1164.506	0.041349	11.88769	0	1
sm55	132.2833	2679.607	6.714221	51.76492	5.412839	117.0467	39.66537	1.57565	4.455126	0.000312	2958.715	0.440312	1163.824	0.039559	11.91297	0	1
sm56	142.9578	3146.332	6.801339	56.09217	5.474308	118.04	40.04242	1.58966	4.905005	0.000307	2881.713	0.538961	1684.38	0.045345	11.95342	0	1
sm57	133.3756	2921.894	6.784539	54.05455	5.453715	117.4322	39.95895	1.744946	5.774535	0.000298	2989.925	0.488622	1428.437	0.035868	11.97205	0	1
sm58	143.4722	3228.508	6.805859	56.81996	5.485696	131.8367	44.09731	1.561437	4.810546	0.000282	3823.932	0.415672	1360.11	0.030913	12.02362	0	1
sm59	159.3567	3261.905	6.745812	57.11309	5.447239	132.4889	44.64952	1.628888	4.955879	0.000298	4040.317	0.380044	1238.395	0.033577	11.98335	0	1
sm60	157.7456	3575.4	6.812515	59.79465	5.469649	134.4189	45.1861	1.698035	5.536716	0.000288	4080.438	0.433812	1563.214	0.036104	12.01088	0	1
sm61	163.6111	2689.077	6.694116	51.85631	5.388744	126.7078	42.43303	1.643165	4.778797	0.000317	3704.287	0.30883	827.5789	0.039649	11.9015	0	1
sm62	158.7433	3346.952	6.804548	57.85285	5.469918	130.0811	44.16097	1.630961	5.336767	0.000297	3693.962	0.449126	1505.835	0.036288	12.00084	0	1
sm63	138.9433	2916.198	6.716727	54.00183	5.41717	125.7033	41.76152	1.850979	6.053596	0.000306	3417.804	0.41947	1234.79	0.03461	11.94861	0	1
sm64	151.1211	2985.862	6.798492	54.64304	5.492017	122.8411	41.24182	1.731636	5.595157	0.000306	3215.114	0.469444	1422.392	0.041634	11.95055	0	1
sm65	148.4922	3101.921	6.807459	55.69489	5.491021	127.1711	42.73015	1.512419	4.465253	0.000292	3425.666	0.441743	1355.345	0.037021	12.00565	0	1
sm66	143.5356	3439.106	6.862246	58.64389	5.470059	135.82	46.11218	1.523852	4.726262	0.000285	4040.51	0.411205	1410.912	0.037444	12.0461	0	1
sm67	140.3033	3214.532	6.768515	56.69684	5.431337	130.1722	43.49457	1.620666	4.916156	0.000314	3613.647	0.430239	1364.373	0.037615	11.9248	0	1
sm68	142.9611	3541.561	6.763938	59.51102	5.452544	130.9344	44.27834	1.742266	5.391876	0.00031	3562.559	0.497002	1760.043	0.036427	11.94395	0	1
sm69	140.1156	3487.591	6.891583	59.05583	5.522308	127.7322	43.40204	1.389513	4.051553	0.000278	3542.567	0.490765	1707.036	0.03596	12.04734	0	1
sm70	146.8989	2909.054	6.775336	53.93565	5.434075	126.2578	42.32478	1.669735	5.1251	0.000291	3447.35	0.409711	1196.38	0.035449	11.99937	0	1
sm71	142.7833	3276.884	6.808984	57.24407	5.435074	126.7956	42.65881	1.652089	5.09455	0.000312	3486.206	0.46619	1522.295	0.041341	11.96101	0	1
sm72	140.4811	2774.268	6.74557	52.67132	5.458758	120.6178	40.07842	1.74075	5.812215	0.000298	3135.611	0.434697	1205.582	0.035922	11.9679	0	1
sm73	136.7689	2551.415	6.699494	50.51153	5.443337	124.8211	41.48732	1.769538	5.641013	0.000305	3413.49	0.332276	849.3172	0.035789	11.95249	0	1
sm74	141.14	2967.151	6.769666	54.47156	5.443945	123.6622	41.69339	1.589169	4.804151	0.000287	3514.597	0.411622	1229.385	0.035872	12.0065	0	1
sm75	142.8167	2775.916	6.715842	52.68697	5.412573	122.7078	41.24127	1.595735	4.640878	0.000305	3279.516	0.409199	1135.725	0.040677	11.92205	0	1
sm76	157.9467	3053.336	6.756095	55.257	5.460905	128.5811	43.38254	1.584455	4.906041	0.000298	3626.44	0.40202	1219.021	0.037602	11.9677	0	1
sm77	158.2211	2952.135	6.731237	54.33355	5.420316	129.3011	43.00119	1.565574	4.740816	0.00031	3603.854	0.393355	1168.39	0.036308	11.93373	0	1
sm78	162.3489	2876.877	6.647536	53.63653	5.404661	123.7956	41.83793	2.162468	8.592518	0.00034	3426.752	0.409454	1187.968	0.03527	11.88604	0	1
sm79	155.8878	2999.161	6.705448	54.7646	5.45459	126.8356	42.78656	1.732226	5.63957	0.000304	3639.068	0.39788	1202.346	0.03448	11.95129	0	1
sm80	141.2411	2745.209	6.760102	52.39474	5.46559	121.1967	40.63243	1.489258	4.438227	0.000298	3111.981	0.435426	1200.054	0.038502	11.9699	0	1
sm81	148.6989	3354.16	6.842784	57.91511	5.47549	132.8944	44.1032	1.598762	5.032381	0.000285	3793.857	0.427816	1418.315	0.035839	12.01215	0	1
sm82	137.4111	3200.058	6.863742	56.56905	5.482828	127.25	42.53262	1.480513	4.331822	0.00028	3588.713	0.439882	1409.176	0.035712	12.02725	0	1

sm83	149.8322	3080.869	6.760117	55.50558	5.449801	127.5989	42.91286	1.646445	5.02457	0.000302	3559.586	0.418049	1278.529	0.03727	11.95859	0	1
sm84	98.64667	910.0663	6.008054	30.16731	5.068247	71.05222	23.73715	2.64923	9.843987	0.000605	1116.125	0.388157	354.0378	0.067152	11.16568	0	1
sm85	108.9711	902.2328	6.038176	30.03719	5.075138	69.60111	23.329	2.50272	8.83837	0.000611	1091.704	0.397126	359.5645	0.064674	11.148	0	1
sm86	98.09	1034.215	6.067461	32.15922	5.106039	71.66778	23.779	2.466041	8.560328	0.000592	1089.778	0.468227	479.7759	0.070868	11.17718	0	1
sm87	90.8	774.4894	5.952946	27.82965	5.03156	62.51667	20.8333	2.544144	8.750008	0.000656	859.3301	0.437753	334.5283	0.072449	11.03038	0	1
sm88	102.4644	913.4837	6.039421	30.22389	5.081991	68.74889	22.94377	2.537963	9.135407	0.000609	1053.949	0.42062	382.575	0.067654	11.1452	0	1
sm89	109.6144	870.4174	6.054899	29.50284	5.114499	67.66	22.66722	2.634802	10.05238	0.000576	979.3842	0.439653	384.2165	0.059479	11.19948	0	1
sm90	102.3433	974.7174	6.052787	31.22046	5.118845	72.94444	24.47422	2.387508	8.027495	0.000587	1149.516	0.403381	388.6012	0.063097	11.17163	0	1
sm91	124.7011	1103.473	6.1697	33.21857	5.179829	75.81333	25.26633	2.283461	7.780109	0.000511	1232.238	0.440562	485.1988	0.054076	11.32683	0	1
sm92	126.8411	1233.718	6.179511	35.12432	5.162783	78.65111	26.23901	2.343656	7.860629	0.000535	1317.371	0.465955	574.7034	0.062542	11.30495	0	1
sm93	110.9456	1117.235	6.108191	33.42507	5.006799	63.70778	21.25079	2.52845	9.203177	0.000628	898.0748	0.589458	644.7302	0.075656	11.12514	0	1
sm94	135.27	1284.035	6.260463	35.83343	5.161919	82.58889	27.66645	2.512928	9.50015	0.000513	1513.792	0.402675	510.2475	0.057593	11.38413	0	1
sm95	126.6444	1001.126	6.089576	31.64057	5.10453	76.19444	25.41603	2.826392	11.55316	0.000581	1303.004	0.349755	350.4312	0.062976	11.24064	0	1
sm96	104.7489	914.3774	6.021269	30.23867	5.115098	69.09444	23.20228	2.606322	9.959893	0.000585	1003.739	0.456698	421.8695	0.05917	11.17146	0	1
sm97	98.15111	1087.839	6.109276	32.98241	5.1469	72.34	24.3041	2.618124	10.19802	0.000602	1080.597	0.503702	548.3581	0.066672	11.18623	0	1
sm98	99.37222	1077.453	6.153927	32.82458	5.150965	75.16778	25.02491	2.577212	9.851411	0.000554	1183.873	0.444671	473.9836	0.062167	11.2842	0	1
sm99	100.7667	1050.964	6.142054	32.41858	5.165775	72.15222	24.27561	2.394516	8.511578	0.000532	1111	0.472371	497.3234	0.059493	11.29787	0	1
sm100	103.3867	1177.946	6.222419	34.32122	5.212553	75.95667	25.353	2.317369	8.23658	0.000486	1217.3	0.488463	581.1944	0.0521	11.40359	0	1
sm101	68.87	614.111	6.548556	24.78126	5.421391	62.59667	20.86264	1.489187	4.562567	0.000302	863.2631	0.294181	179.9016	0.037152	11.91361	0	1
sm102	75.25111	454.4308	6.329703	21.31738	5.27725	52.03778	17.38407	1.554466	4.161213	0.00038	584.0549	0.356811	162.0027	0.054304	11.63837	0	1
sm103	69.38333	519.5314	6.415394	22.79323	5.366188	51.19667	17.05657	1.649215	4.895994	0.000361	540.5539	0.486461	256.0256	0.052005	11.70602	0	1
sm104	71.26444	788.4973	6.688096	28.08019	5.429345	57.37222	19.21414	1.081691	2.914149	0.000302	665.4062	0.577186	454.1753	0.050404	11.92039	0	1
sm105	73.30889	539.5152	6.452438	23.22747	5.353417	56.42556	18.63648	1.696656	5.289226	0.000335	683.3306	0.366503	197.6664	0.045826	11.80213	0	1
sm106	8.154444	64.37323	4.333896	8.023293	3.993982	20.39778	7.390433	9.251323	112.9057	0.006412	120.2022	0.060191	3.849267	0.159904	8.549939	0	1
sm107	11.62111	80.0465	4.679491	8.946871	4.260055	23.51556	8.426328	6.473421	62.86335	0.003021	153.6578	0.046359	3.734858	0.119332	9.190095	0	1
sm108	9.47	67.60644	4.49232	8.222314	4.130276	21.30556	7.772636	8.345693	97.19049	0.004535	133.4978	0.018452	1.254827	0.129519	8.865171	0	1
sm109	8.738889	64.57579	4.420332	8.035907	4.066387	21.01	7.57151	8.900375	107.0255	0.004962	126.8561	0.018223	1.177298	0.136622	8.743035	0	1
sm110	16.08778	85.76203	5.057503	9.260779	4.554612	25.02333	8.396752	3.254722	13.22111	0.001434	154.6543	0.092535	7.885084	0.100796	9.869857	0	1
sm111	69.61667	582.2923	6.490415	24.13073	5.384206	58.72333	19.56931	1.474055	4.365872	0.000325	746.8626	0.364318	214.019	0.044179	11.8309	0	1
sm112	65.09111	572.4411	6.48251	23.92574	5.342297	56.63111	18.87486	1.498851	4.36718	0.000327	695.1888	0.393138	225.1794	0.044127	11.82289	0	1
sm113	73.60333	539.8147	6.439141	23.23391	5.337223	56.17333	18.65842	1.508971	4.397633	0.000348	691.8349	0.353121	188.8312	0.0499	11.74626	0	1
sm114	70.30333	544.9568	6.465879	23.34431	5.360216	56.67111	18.80202	1.549523	4.568944	0.000327	693.5415	0.370051	203.7038	0.048152	11.81833	0	1
sm115	66.03667	506.2156	6.417292	22.49924	5.331015	53.74444	17.82777	1.515179	4.20142	0.000355	623.517	0.382454	193.0758	0.055056	11.74154	0	1
sm116	68.91667	580.8484	6.511491	24.1008	5.405372	58.41778	19.27224	1.30119	3.420533	0.000313	739.466	0.364599	212.1566	0.047443	11.8666	0	1
sm117	70.50778	540.1902	6.44156	23.24199	5.331886	54.67111	18.20153	1.429622	3.900593	0.000346	627.2303	0.419543	226.6747	0.052259	11.75682	0	1
sm118	60.25667	505.1565	6.404372	22.47569	5.328703	53.59556	17.8056	1.578288	4.581573	0.000359	601.8623	0.4006	201.1229	0.052312	11.71707	0	1
sm119	66.07444	544.8521	6.46445	23.34207	5.401111	55.33778	18.52107	1.386322	3.696774	0.000325	657.7573	0.382137	203.4051	0.046816	11.81561	0	1
sm120	59.72333	638.9256	6.536032	25.27698	5.376135	57.19111	19.05248	1.443492	4.070845	0.000326	680.6071	0.4672	298.4039	0.052101	11.84108	0	1
sm121	67.80333	619.2216	6.542663	24.88416	5.418746	59.59	19.84458	1.315394	3.549237	0.000309	753.4682	0.389744	240.6037	0.047393	11.87442	0	1
sm122	62.95778	581.7424	6.510375	24.11934	5.387352	55.65556	18.33972	1.472759	4.308924	0.000331	630.6677	0.462605	271.4485	0.052243	11.81308	0	1
sm123	63.50111	644.9511	6.57598	25.39589	5.399553	59.54444	19.95032	1.307523	3.661428	0.000307	741.656	0.425365	274.4999	0.045614	11.90229	0	1
sm124	56.08111	595.0579	6.497305	24.39381	5.339712	52.27111	17.22597	1.469296	4.165353	0.000339	564.9089	0.516048	301.1865	0.053521	11.77825	0	1
sm125	61.05333	615.4966	6.539628	24.8092	5.415857	57.38111	19.07721	1.358377	3.784929	0.000315	674.5311	0.453319	279.6671	0.042623	11.86906	0	1
sm126	63.18111	581.3342	6.502105	24.11087	5.34712	55.41889	18.50884	1.35877	3.709094	0.000326	638.7894	0.449719	261.0259	0.048528	11.82213	0	1
sm127	61.71556	597.6276	6.516298	24.44642	5.377659	55.23556	18.53288	1.399126	3.871908	0.00034	645.441	0.454506	268.8911	0.050924	11.78684	0	1
sm128	69.83444	578.8591	6.488224	24.05949	5.37789	53.98444	17.84455	1.592196	4.765215	0.00034	592.9311	0.49179	286.8864	0.050318	11.78126	0	1

sm129	63.56222	600.9539	6.52891	24.51436	5.389923	54.64	18.348	1.238331	3.282831	0.000318	615.5402	0.487455	292.7046	0.050212	11.85638	0	1
sm130	69.99667	517.8698	6.411067	22.75675	5.321369	51.01778	16.84482	1.522768	4.214341	0.000364	551.676	0.472676	247.2518	0.05841	11.69097	0	1
sm131	57.45111	578.4948	6.472073	24.05192	5.371425	54.29444	18.10328	1.413339	3.960284	0.000337	614.2394	0.464406	266.2995	0.052629	11.78819	0	1
sm132	61.83889	533.4968	6.432847	23.09755	5.357658	53.97778	17.90239	1.393049	3.738143	0.000342	592.3386	0.445896	238.3322	0.050611	11.74949	0	1
sm133	62.86	621.0438	6.528329	24.92075	5.387748	56.56778	18.93309	1.286249	3.447911	0.000322	665.7816	0.460892	284.5932	0.051649	11.83234	0	1
sm134	74.60667	587.4647	6.506193	24.23767	5.361174	58.73333	19.59431	1.5134	4.537877	0.000337	757.1767	0.350246	204.0754	0.049497	11.81059	0	1
sm135	74.41556	596.7548	6.522545	24.42857	5.364714	60.06	20.02371	1.365814	3.734457	0.000315	805.957	0.326701	195.5349	0.043644	11.86185	0	1
sm136	67.62333	563.6433	6.481214	23.74117	5.380263	56.57111	18.71625	1.428557	3.94628	0.00033	664.8679	0.406799	227.9728	0.046641	11.80333	0	1
sm137	79.13667	410.6943	6.248801	20.26559	5.293865	49.60333	16.55909	1.649847	4.577761	0.000391	540.7109	0.344667	142.1912	0.055667	11.5687	0	1
sm138	65.76889	621.9799	6.547082	24.93953	5.347372	56.04333	18.68739	1.38774	3.879091	0.000329	660.5221	0.476029	300.0433	0.049155	11.8255	0	1
sm139	65.23889	503.7415	6.41874	22.44419	5.333338	53.96778	17.86119	1.580174	4.535394	0.00036	620.4976	0.381811	191.6181	0.048031	11.73063	0	1
sm140	60.61667	521.4914	6.416559	22.83619	5.340871	54.26111	17.86362	1.588202	4.571261	0.000351	611.6586	0.412772	214.9725	0.052116	11.7417	0	1
sm141	65.64	558.9047	6.469266	23.64117	5.350385	56.69556	18.8038	1.511439	4.18735	0.000335	688.9647	0.385478	216.0872	0.053438	11.79572	0	1
sm142	67.21556	538.1826	6.452018	23.19876	5.371669	56.79778	18.79988	1.463224	4.112313	0.000332	702.924	0.347554	187.2219	0.050091	11.8019	0	1
sm143	65.18556	531.3348	6.451857	23.0507	5.37165	54.94222	18.18437	1.442941	4.01024	0.000346	641.5166	0.392577	207.3055	0.051154	11.76373	0	1
sm144	69.49556	444.5595	6.317212	21.08458	5.28108	49.71333	16.63162	1.613803	4.83593	0.00036	544.2297	0.394849	177.5495	0.050493	11.68585	0	1
sm145	66.36222	533.5883	6.457515	23.09953	5.382071	54.73778	18.26782	1.500267	4.213637	0.000332	620.994	0.419903	224.7531	0.046955	11.79091	0	1
sm146	73.63778	549.5839	6.447522	23.44321	5.349709	55.49	18.4484	1.474421	4.209039	0.000339	641.5596	0.415209	227.7581	0.049264	11.76799	0	1
sm147	38.79222	218.4451	5.820329	14.77989	5.078232	37.32222	12.41311	1.994227	5.796464	0.000558	311.7779	0.284331	61.99367	0.064582	11.08816	0	1
sm148	64.93667	593.7079	6.491363	24.36612	5.380641	54.70333	18.29518	1.489481	4.205741	0.000346	609.497	0.486414	288.6256	0.053054	11.78853	0	1
sm149	60.59	558.1843	6.48105	23.62593	5.379737	53.79111	18.08158	1.253178	3.156113	0.000317	603.9396	0.449895	246.9616	0.047431	11.83628	0	1
sm150	61.01111	540.0777	6.432535	23.23957	5.372201	54.31889	17.87051	1.498046	4.278502	0.000344	602.6954	0.442583	239.2663	0.051644	11.76288	0	1
sm151	145.1311	3363.302	7.520988	57.99398	5.705702	130.4456	43.89131	0.884989	3.417715	0.000196	3570.112	0.474204	1609.904	0.022616	12.43403	0	1
sm152	137.3456	2918.291	7.54548	54.02121	5.737174	125.21	42.22978	0.681617	3.0049	0.000188	3410.248	0.411471	1192.142	0.02503	12.47675	0	1
sm153	150.0222	3014.642	7.5136	54.90576	5.71201	127.7878	43.07346	0.778927	3.496954	0.000192	3651.558	0.39732	1203.656	0.022056	12.45686	0	1
sm154	146.6122	2827.628	7.469632	53.17545	5.674255	123.7644	41.32616	0.75516	2.937457	0.000197	3335.235	0.410483	1161.17	0.025103	12.42241	0	1
sm155	132.3122	2729.321	7.496182	52.2429	5.735618	118.8456	40.24154	0.688141	2.699249	0.000188	3056.104	0.432701	1165.504	0.024846	12.47678	0	1
sm156	142.9178	3173.84	7.508914	56.33684	5.70792	120.1022	40.52533	0.575173	2.600793	0.000197	2955.129	0.531352	1675.26	0.025862	12.43053	0	1
sm157	133.2967	2978.496	7.51881	54.5756	5.701768	120.0767	40.60499	0.50745	2.425472	0.000193	3106.435	0.478478	1425.021	0.027641	12.44979	0	1
sm158	143.46	3290.351	7.574096	57.36158	5.757908	133.5511	44.6861	0.752375	3.428019	0.000188	3944.635	0.408708	1363.287	0.019403	12.47957	0	1
sm159	159.27	3337.252	7.527731	57.76895	5.751975	134.9956	45.47702	0.738719	3.923654	0.000187	4213.049	0.368155	1227.404	0.020461	12.48351	0	1
sm160	157.5678	3617.658	7.497694	60.14697	5.696177	135.99	45.70809	2.746992	21.77679	0.000203	4185.32	0.425781	1551.698	0.024959	12.42583	0	1
sm161	163.5544	2767.749	7.447765	52.6094	5.686807	129.9144	43.3923	0.883696	4.547884	0.000194	3882.413	0.295612	814.6686	0.022475	12.4538	0	1
sm162	158.6456	3373.197	7.526133	58.07923	5.721196	131.0256	44.54189	0.999021	4.599415	0.000191	3774.21	0.441489	1491.707	0.023058	12.46411	0	1
sm163	138.9844	2981.401	7.524803	54.60221	5.717004	127.9644	42.51022	0.899333	3.498519	0.000187	3540.361	0.411238	1236.436	0.021153	12.48278	0	1
sm164	151.1	3050.31	7.481574	55.22962	5.683273	125.2467	42.00899	0.729367	2.793381	0.000199	3350.251	0.45864	1419.165	0.025409	12.41787	0	1
sm165	148.4278	3168.063	7.511852	56.28555	5.727433	129.1978	43.50329	0.736174	3.074357	0.000189	3565.227	0.430949	1349.993	0.021424	12.47054	0	1
sm166	143.3678	3499.843	7.626496	59.15948	5.754068	138.2611	46.74437	0.778105	3.360904	0.000184	4157.324	0.404234	1410.396	0.022855	12.50492	0	1
sm167	140.3189	3261.25	7.569386	57.10735	5.723706	131.8889	44.09074	0.7832	3.306917	0.000189	3711.076	0.423144	1361.101	0.023505	12.46854	0	1
sm168	142.8667	3605.869	7.596751	60.04889	5.740016	133.1867	45.05171	0.64448	3.01626	0.000189	3710.01	0.485622	1751.3	0.026575	12.46759	0	1
sm169	139.9822	3542.155	7.593586	59.51601	5.731768	130.0833	44.01296	0.698872	3.156474	0.00019	3673.104	0.480319	1697.448	0.021251	12.46914	0	1
sm170	146.9222	2968.234	7.492008	54.4815	5.709949	128.5856	43.04998	0.825966	3.567392	0.000193	3577.659	0.399113	1188.152	0.022263	12.45426	0	1
sm171	142.8511	3340.2	7.553262	57.79447	5.727543	129.34	43.45165	0.652245	2.962556	0.000189	3625.558	0.455575	1516.934	0.022831	12.47906	0	1
sm172	140.4678	2837.602	7.503892	53.26915	5.721452	123.7544	40.93161	0.526653	2.57742	0.000189	3258.405	0.4254	1206.168	0.021444	12.46895	0	1
sm173	136.6822	2583.937	7.450725	50.83244	5.707613	126.16	41.82956	0.819144	2.970289	0.000189	3478.213	0.32797	848.7346	0.022155	12.47185	0	1
sm174	141.0833	3029.454	7.536062	55.04047	5.707999	126.1078	42.46108	0.680522	2.986911	0.00019	3652.338	0.401669	1225.934	0.020252	12.46848	0	1

sm175	142.8311	2838.107	7.499494	53.27389	5.722993	125.1944	42.03385	0.703027	3.099208	0.000188	3409.258	0.399366	1133.42	0.022262	12.47685	0	1
sm176	157.89	3120.828	7.515102	55.86437	5.701914	131.1322	44.16618	0.769362	3.597962	0.000194	3781.541	0.390268	1210.217	0.024906	12.45178	0	1
sm177	158.02	2996.491	7.491337	54.74022	5.714859	131.1433	43.56409	0.928093	5.086756	0.000192	3703.79	0.385764	1163.062	0.019627	12.45974	0	1
sm178	162.2489	2898.826	7.422791	53.84074	5.683363	124.5889	42.17872	1.208437	5.866115	0.000203	3487.563	0.403553	1179.834	0.024411	12.40232	0	1
sm179	155.7722	3072.83	7.508725	55.43311	5.711242	129.0878	43.65866	1.108102	5.677837	0.000194	3805.055	0.385384	1192.945	0.024927	12.44715	0	1
sm180	141.2478	2807.492	7.451603	52.98578	5.688282	123.8533	41.36517	0.96539	4.02028	0.000203	3243.197	0.424651	1196.862	0.023535	12.40047	0	1
sm181	148.6178	3407.362	7.592819	58.37261	5.710223	134.8878	44.71775	0.487928	2.445179	0.000188	3901.963	0.420914	1418.087	0.021674	12.47715	0	1
sm182	137.4389	3252.238	7.592149	57.02839	5.725974	129.7367	43.26012	0.742985	3.212426	0.00019	3699.259	0.431657	1404.794	0.022652	12.47707	0	1
sm183	149.7356	3133.051	7.521054	55.97367	5.699801	130.0133	43.50805	0.928839	4.47958	0.000193	3661.233	0.411219	1278.55	0.024094	12.45339	0	1
sm184	98.72889	971.6461	6.836815	31.47124	5.49222	74.85333	24.92378	1.34982	4.347184	0.000263	1246.553	0.360328	351.0926	0.03671	12.09596	0	1
sm185	108.9667	967.4939	6.828191	31.10456	5.485142	74.23333	24.67191	1.353767	4.544909	0.000263	1230.653	0.366745	356.3621	0.041154	12.10097	0	1
sm186	98.04667	1070.952	6.898138	32.72541	5.538364	73.88556	24.38627	1.292854	4.17759	0.000263	1152.007	0.457006	484.7883	0.041778	12.09287	0	1
sm187	90.84333	832.7463	6.741871	28.85734	5.461813	67.04222	22.16041	1.260643	3.544486	0.000283	983.1363	0.403094	331.9581	0.040415	12.0086	0	1
sm188	102.39	952.4517	6.830355	30.86182	5.515948	71.94222	23.76153	1.12442	3.166455	0.000263	1133.159	0.402993	382.4531	0.038487	12.08315	0	1
sm189	109.5833	926.4969	6.826074	30.43841	5.530662	71.64778	23.83251	1.2698	3.886507	0.000264	1095.016	0.411313	382.541	0.039807	12.0736	0	1
sm190	102.38	1028.623	6.882706	32.07215	5.532484	76.60889	25.51892	1.159791	3.388147	0.000253	1263.795	0.379531	386.5219	0.035113	12.14135	0	1
sm191	124.7478	1154.914	6.912266	33.98403	5.513049	78.84556	26.11884	1.140715	3.640938	0.000252	1331.6	0.42238	486.8609	0.036323	12.14209	0	1
sm192	126.9133	1295.281	7.008818	35.99001	5.56751	82.19333	27.27436	1.1010318	3.00839	0.000243	1436.414	0.444927	575.6887	0.034013	12.18896	0	1
sm193	110.9756	1167.056	6.979027	34.1622	5.462751	67.71444	22.34175	1.03731	3.096309	0.000257	1008.629	0.559261	639.9319	0.04538	12.12363	0	1
sm194	135.3067	1337.957	7.02464	36.5781	5.574969	86.24333	28.64177	0.947408	2.756573	0.00024	1627.718	0.385429	510.4128	0.033609	12.2108	0	1
sm195	126.6411	1066.555	6.912305	32.65816	5.521112	80.29333	26.59121	1.239823	3.970284	0.000253	1445.049	0.323871	346.0948	0.037968	12.14409	0	1
sm196	104.8478	958.8789	6.806946	30.96577	5.485494	72.14889	24.13864	1.132994	3.26943	0.000268	1094.639	0.435489	422.2263	0.036907	12.07564	0	1
sm197	98.16556	1140.708	6.966643	33.77437	5.56219	76.03	25.38103	0.890961	2.625338	0.000242	1188.612	0.479692	547.9134	0.037153	12.19118	0	1
sm198	99.33222	1099.619	6.911588	33.16051	5.538318	77.10444	25.4265	1.201194	3.719519	0.000254	1224.797	0.437722	476.7392	0.036587	12.13063	0	1
sm199	100.8211	1107.148	6.924121	33.27384	5.572298	76.05333	25.44963	1.086504	3.166679	0.000242	1235.315	0.44331	491.8607	0.033939	12.1848	0	1
sm200	103.4667	1217.62	6.998475	34.89441	5.559382	78.65111	26.04618	1.224704	4.50782	0.000239	1297.451	0.473627	583.7192	0.03471	12.20758	0	1
sm201	68.85	544.6237	6.37317	23.33718	5.285402	58.14889	19.2628	1.924535	6.314861	0.000376	728.5344	0.329987	179.405	0.042794	11.67224	0	1
sm202	75.17556	430.7189	6.193376	20.75377	5.220568	49.85444	16.71475	2.135591	7.365449	0.000459	532.26	0.382047	164.534	0.063108	11.45279	0	1
sm203	69.36222	500.0711	6.313225	22.36227	5.246411	49.23444	16.49432	1.895785	5.895194	0.000412	501.4745	0.505328	256.1387	0.062083	11.56261	0	1
sm204	71.22556	763.5186	6.591163	27.63184	5.385476	55.35889	18.63822	1.604017	5.076138	0.000347	617.9608	0.594563	453.1119	0.053794	11.7925	0	1
sm205	73.28556	508.9184	6.315189	22.55922	5.262336	53.66111	17.81423	1.816828	5.399632	0.000405	616.7898	0.392871	199.561	0.058524	11.57733	0	1
sm206	7.566667	62.35261	4.083702	7.896367	3.743815	19.49444	7.287435	10.57192	138.8168	0.010515	114.9521	0.073722	4.574523	0.187409	8.079428	0	1
sm207	11.20111	74.16529	4.48412	8.611927	4.095029	22.02	8.02141	7.124792	72.12171	0.004225	136.8218	0.080179	5.963238	0.137639	8.811975	0	1
sm208	8.993333	66.12009	4.281443	8.131426	3.935155	20.55444	7.64559	9.451134	117.5389	0.007115	126.4422	0.043285	2.860345	0.161975	8.446348	0	1
sm209	8.277778	64.22754	4.212862	8.014208	3.909011	20.26556	7.57008	10.25838	133.3969	0.007737	124.1253	0.036718	2.365695	0.15469	8.352067	0	1
sm210	15.98	73.51462	4.84595	8.574066	4.410871	22.58778	7.635991	3.905457	18.32969	0.002086	125.5474	0.137411	9.999932	0.118409	9.475934	0	1
sm211	69.65778	566.1853	6.400732	23.79465	5.33647	57.5	19.12323	1.725708	5.103878	0.000362	712.586	0.376818	215.4389	0.046432	11.71103	0	1
sm212	65.05333	550.5222	6.414579	23.46321	5.319483	54.72556	18.27853	1.540141	4.281544	0.000359	649.6443	0.410068	225.7873	0.056406	11.71679	0	1
sm213	73.56444	517.9525	6.334385	22.75857	5.252246	54.14222	18.04672	1.899048	5.953913	0.000398	648.0776	0.368065	188.7333	0.054229	11.60185	0	1
sm214	70.29111	518.963	6.360643	22.78076	5.301895	54.42111	18.11924	1.89924	6.128377	0.000385	640.1159	0.389789	204.4459	0.05596	11.67222	0	1
sm215	66.06778	480.9353	6.299325	21.93024	5.246057	51.65444	17.18199	1.935204	6.031918	0.000412	570.1639	0.40443	193.5887	0.061052	11.55555	0	1
sm216	68.93444	548.662	6.379612	23.42354	5.315253	55.93111	18.41404	1.760042	5.313846	0.000371	667.8626	0.392793	216.0154	0.051698	11.67712	0	1
sm217	70.42667	516.543	6.295255	22.72758	5.281688	52.74111	17.53978	1.797511	5.349324	0.000412	577.598	0.440837	227.6851	0.059633	11.55334	0	1
sm218	60.22222	479.6013	6.329789	21.8998	5.292921	51.22111	17.08122	1.839913	5.700015	0.000401	546.6921	0.426438	203.23	0.052592	11.58773	0	1
sm219	66.03778	520.4791	6.34413	22.81401	5.267868	53.20889	17.83458	1.79221	5.523125	0.000401	606.7987	0.403487	205.2223	0.055748	11.59305	0	1
sm220	59.65556	623.9747	6.480641	24.97949	5.365703	55.76444	18.69263	1.519389	4.525389	0.00035	650.1337	0.47879	298.61	0.05368	11.75386	0	1

sm221	67.79667	605.9909	6.431412	24.61688	5.325202	58.54667	19.55113	1.897412	6.57898	0.000358	724.5751	0.400132	241.6578	0.048694	11.73044	0	1
sm222	62.97	556.3717	6.429562	23.58753	5.352932	53.61	17.70133	1.801516	5.668663	0.000358	580.9164	0.482606	270.9283	0.054875	11.73242	0	1
sm223	63.51778	621.7917	6.475264	24.93575	5.350335	57.93556	19.38138	1.557404	4.528602	0.000343	694.2194	0.442849	275.8988	0.049743	11.77356	0	1
sm224	56.05111	580.1464	6.357348	24.08623	5.254629	50.66444	16.8582	1.801212	5.75558	0.000405	534.5241	0.529379	300.6307	0.055701	11.57753	0	1
sm225	60.96667	588.2836	6.421505	24.25456	5.359514	54.52	18.31525	1.758345	5.379031	0.000362	615.0167	0.478825	282.5208	0.052115	11.71023	0	1
sm226	63.11889	554.9903	6.344482	23.55823	5.286336	53.00222	17.76964	1.948748	6.15735	0.000411	581.5191	0.474015	262.0316	0.05664	11.59016	0	1
sm227	61.71667	569.3935	6.37757	23.86197	5.290914	52.89444	17.8185	1.74916	5.195447	0.000389	587.3782	0.479026	270.0416	0.057381	11.64756	0	1
sm228	69.80667	562.9236	6.383405	23.72601	5.321315	52.41778	17.41134	1.894624	6.149164	0.000391	557.8637	0.50827	288.3145	0.055459	11.62983	0	1
sm229	63.54778	574.5639	6.382478	23.97006	5.317709	52.14	17.61176	1.920056	6.460261	0.000383	563.9676	0.509946	293.4296	0.059107	11.66091	0	1
sm230	70.01222	495.6917	6.275277	22.26414	5.244231	48.81	16.15356	2.142064	7.325673	0.000452	499.9508	0.500638	250.614	0.062375	11.49116	0	1
sm231	57.43889	553.3834	6.359458	23.5241	5.299052	52.38	17.50866	1.913054	6.479201	0.000395	561.5047	0.487555	267.1156	0.055113	11.63198	0	1
sm232	61.79333	510.1931	6.312292	22.58745	5.311269	51.98111	17.27632	1.877449	6.051735	0.00039	548.3748	0.464269	237.6127	0.053854	11.60743	0	1
sm233	62.89111	595.9392	6.426711	24.41187	5.312256	54.57778	18.29576	1.797713	5.790859	0.000373	610.8661	0.483718	286.1684	0.054494	11.67469	0	1
sm234	74.56667	567.1046	6.368174	23.81396	5.278915	57.05444	19.13935	1.962164	6.521179	0.000394	719.8294	0.359614	202.1133	0.054679	11.62967	0	1
sm235	74.38556	566.3907	6.384577	23.79896	5.327829	57.59111	19.29179	1.750456	5.337059	0.000368	741.2806	0.346792	196.7753	0.047193	11.707	0	1
sm236	67.57889	542.3108	6.381566	23.28757	5.297561	54.31556	18.13295	1.746997	5.429066	0.000372	617.2245	0.426749	229.7423	0.05278	11.67111	0	1
sm237	79.13333	386.8476	6.172198	19.66844	5.221647	47.36111	15.86392	1.864408	5.492958	0.000441	490.3386	0.36833	142.9593	0.061936	11.46247	0	1
sm238	65.74333	596.7716	6.408823	24.42891	5.32337	54.04778	18.06111	1.794457	6.033693	0.000372	605.2135	0.499735	302.2858	0.053748	11.71148	0	1
sm239	65.17778	487.2097	6.233817	22.07283	5.195438	52.50556	17.38407	2.370634	8.954821	0.00047	583.6854	0.397514	192.5546	0.058325	11.45107	0	1
sm240	60.56333	497.2985	6.335431	22.30019	5.253091	51.74889	17.14673	1.908015	6.071025	0.000395	554.2958	0.441846	219.3957	0.055475	11.6166	0	1
sm241	65.66778	528.518	6.310972	22.98952	5.276693	54.27778	18.03224	1.952593	6.072356	0.000414	624.7903	0.411022	218.0071	0.054568	11.58314	0	1
sm242	67.17667	514.0322	6.333298	22.67228	5.306933	54.43333	18.11948	1.759997	5.265803	0.000377	648.6173	0.368633	189.3527	0.053902	11.65762	0	1
sm243	65.20333	504.2334	6.295088	22.45514	5.284397	52.72778	17.51177	1.867198	6.007459	0.000403	588.2898	0.412296	206.3531	0.056502	11.58621	0	1
sm244	69.49333	421.0422	6.20024	20.51931	5.202801	47.40222	15.88967	2.017406	6.701347	0.000438	491.418	0.422938	180.0841	0.058212	11.49215	0	1
sm245	66.39556	514.2216	6.304493	22.67645	5.280922	53.03778	17.75297	1.859859	5.661726	0.000402	582.5366	0.435029	224.2774	0.056408	11.59453	0	1
sm246	73.62	527.1569	6.375292	22.9599	5.313619	53.69667	17.83428	1.709677	5.021044	0.000387	595.8609	0.433246	227.7479	0.057049	11.63957	0	1
sm247	38.78444	203.0258	5.683452	14.24871	4.971139	35.31556	11.76661	2.598677	9.507586	0.000735	276.3338	0.317622	64.31155	0.084082	10.81845	0	1
sm248	64.90556	572.2147	6.38893	23.92101	5.334982	53.18444	17.73772	1.948999	6.58359	0.000396	564.7856	0.506397	289.7128	0.059152	11.62184	0	1
sm249	60.52	535.4223	6.390491	23.13919	5.326171	51.98	17.4132	1.740332	5.359974	0.000382	558.8389	0.470063	247.8499	0.054399	11.65662	0	1
sm250	61.03889	524.8717	6.329536	22.91008	5.300602	53.11	17.43186	1.804375	5.404518	0.000396	571.2681	0.456728	240.1323	0.056447	11.60265	0	1
sm251	145.1622	3332.02	7.452073	57.72366	5.698254	129.6478	43.54256	1.140673	4.4249	0.000203	3499.771	0.479725	1613.501	0.025319	12.40871	0	1
sm252	137.3389	2892.943	7.389402	53.78608	5.657597	124.1356	41.89851	1.026356	3.493236	0.000207	3349.611	0.41676	1196.748	0.025349	12.37536	0	1
sm253	150.0411	2984.418	7.398953	54.62982	5.672185	126.6678	42.74096	1.005259	3.418004	0.000198	3587.728	0.401858	1205.199	0.021322	12.41653	0	1
sm254	146.6444	2786.766	7.38174	52.78982	5.677245	122.4233	40.84787	1.39152	5.561959	0.000202	3245.697	0.417565	1163.47	0.025471	12.4066	0	1
sm255	132.3089	2711.159	7.408127	52.06879	5.674844	118.3644	40.03304	0.974176	3.634323	0.000209	3021.565	0.4353	1164.588	0.028672	12.37112	0	1
sm256	142.9444	3160.469	7.460643	56.21805	5.689327	119.0356	40.2735	0.873244	3.062554	0.000201	2918.837	0.535034	1679.343	0.027993	12.41199	0	1
sm257	133.3122	2959.701	7.491376	54.40314	5.697009	119.4556	40.43116	0.968429	3.556307	0.000201	3075.784	0.480565	1422.81	0.027921	12.41084	0	1
sm258	143.4522	3260.003	7.43809	57.09644	5.694653	132.62	44.40938	0.905059	3.100277	0.000198	3880.022	0.412423	1361.701	0.021429	12.42233	0	1
sm259	159.2833	3314.735	7.429327	57.57374	5.699919	134.2511	45.1945	1.192592	5.11911	0.000201	4151.88	0.372819	1234.014	0.023229	12.40932	0	1
sm260	157.6722	3602.968	7.466696	60.02473	5.681096	135.6833	45.52626	2.773585	21.29558	0.000208	4148.475	0.428537	1555.461	0.023047	12.39571	0	1
sm261	163.5622	2718.04	7.32975	52.13482	5.621598	127.8789	42.75928	1.214205	4.351474	0.000214	3765.079	0.304364	823.6748	0.026418	12.35238	0	1
sm262	158.7244	3359.426	7.428473	57.96055	5.66795	130.42	44.33065	1.600849	8.266307	0.000207	3734.244	0.445415	1499.582	0.026019	12.38959	0	1
sm263	138.9889	2940.576	7.427368	54.22708	5.702776	126.3833	42.00238	1.044741	3.686607	0.000203	3455.654	0.417545	1238.63	0.024963	12.4027	0	1
sm264	151.0778	3009.941	7.446492	54.86293	5.67036	123.6567	41.4948	1.228518	4.681022	0.000205	3264.355	0.465725	1422.764	0.028445	12.3887	0	1
sm265	148.48	3130.535	7.484628	55.95118	5.718548	128.1456	43.0853	0.901635	3.822474	0.000193	3485.636	0.436754	1351.423	0.021759	12.45228	0	1
sm266	143.4878	3473.616	7.515981	58.93739	5.698357	137.5633	46.52653	1.647345	8.10873	0.000195	4110.653	0.406515	1407.822	0.025139	12.45213	0	1

sm267	140.3167	3236.693	7.437536	56.89194	5.664622	131.2178	43.77391	1.27118	4.879091	0.000203	3664.174	0.426414	1362.007	0.024858	12.40131	0	1
sm268	142.8656	3572.604	7.498195	59.77126	5.734982	131.9244	44.63338	1.172966	5.12731	0.000197	3632.913	0.491697	1757.114	0.023059	12.44133	0	1
sm269	140.0278	3514.138	7.544582	59.28017	5.724638	129.0367	43.71783	0.766264	3.445373	0.000194	3606.833	0.485446	1701.399	0.024561	12.44391	0	1
sm270	146.8744	2946.412	7.409549	54.28087	5.687389	127.7033	42.79134	1.445854	6.024382	0.000207	3533.897	0.402135	1188.481	0.022452	12.3991	0	1
sm271	142.8567	3305.676	7.497548	57.49501	5.717693	128.1422	43.02994	0.764633	2.805348	0.000197	3554.718	0.460695	1518.286	0.024758	12.43414	0	1
sm272	140.4889	2792.791	7.404338	52.84686	5.661518	121.7422	40.33366	0.974103	3.623662	0.000197	3163.356	0.433342	1209.562	0.024858	12.42847	0	1
sm273	136.7567	2565.372	7.376215	50.64951	5.67653	125.4144	41.61844	1.243665	4.185043	0.000206	3444.8	0.330058	848.5683	0.025581	12.3806	0	1
sm274	141.0811	2994.702	7.452831	54.72387	5.685251	124.74	41.99655	0.93106	3.20544	0.000197	3573.312	0.407918	1230.926	0.023114	12.42857	0	1
sm275	142.8344	2804.298	7.43548	52.95563	5.669808	123.6411	41.56571	0.697391	3.059595	0.000196	3334.043	0.405279	1136.011	0.026044	12.42719	0	1
sm276	157.9289	3079.641	7.443266	55.49452	5.691808	129.8144	43.71055	1.02049	4.080902	0.000204	3683.898	0.397658	1216.031	0.022612	12.40351	0	1
sm277	158.1167	2959.627	7.385283	54.40246	5.679044	129.8978	43.09343	1.33084	6.200645	0.000202	3621.508	0.392093	1167.915	0.022499	12.40626	0	1
sm278	162.3289	2883.556	7.385372	53.69875	5.67948	124.1389	41.95273	1.468673	7.579161	0.000207	3447.555	0.407384	1184.98	0.021956	12.38615	0	1
sm279	155.8622	3040.515	7.428646	55.14086	5.68315	128.2567	43.32715	1.509864	6.228287	0.000202	3735.55	0.389987	1194.087	0.023628	12.40407	0	1
sm280	141.25	2775.914	7.388851	52.68694	5.669426	122.5411	40.97781	0.84116	3.191109	0.000199	3172.788	0.430932	1201.313	0.023278	12.41141	0	1
sm281	148.6567	3372.152	7.477643	58.07024	5.699163	133.6533	44.35099	0.938062	3.548477	0.000193	3834.218	0.425095	1417.546	0.021043	12.44479	0	1
sm282	137.4433	3223.646	7.510452	56.77716	5.692091	128.6722	42.87009	0.998064	3.806874	0.000193	3638.447	0.436136	1407.13	0.024539	12.44348	0	1
sm283	149.8044	3107.254	7.459059	55.74275	5.674603	128.8256	43.21392	1.191088	4.409302	0.000198	3615.524	0.413957	1276.931	0.025234	12.42043	0	1
sm284	98.71	939.5276	6.741214	30.65171	5.460878	73.06333	24.32536	1.172459	6.276691	0.000288	1179.66	0.37353	351.6844	0.04154	12.01346	0	1
sm285	108.9689	938.0569	6.716183	30.62771	5.408677	72.03111	24.03556	1.712568	5.675953	0.000302	1165.864	0.38145	359.4844	0.046574	11.95937	0	1
sm286	98.07111	1051.332	6.781581	32.42425	5.468272	73.00556	24.00649	1.474714	4.539328	0.000298	1119.244	0.462604	481.7374	0.04127	11.96483	0	1
sm287	90.86111	807.3389	6.653675	28.41371	5.398746	65.10222	21.58446	1.628588	5.272662	0.000318	926.2713	0.418711	333.603	0.048165	11.87604	0	1
sm288	102.4378	934.2375	6.748132	30.5653	5.480477	70.53444	23.38258	1.642899	5.74953	0.000283	1099.348	0.409196	380.709	0.040234	12.0222	0	1
sm289	109.5744	896.3026	6.684517	29.93831	5.408202	69.50889	23.22174	1.790243	5.939574	0.000323	1033.112	0.42628	383.8065	0.045484	11.88212	0	1
sm290	102.3844	1007.752	6.802991	31.74511	5.44317	75.45667	25.07456	1.551937	4.721765	0.000287	1215.616	0.390548	389.4946	0.040227	12.001	0	1
sm291	124.7256	1128.62	6.818093	33.59494	5.494652	77.36667	25.6976	1.379036	4.171704	0.000278	1284.154	0.430133	484.6372	0.038524	12.03515	0	1
sm292	126.87	1264.138	6.896545	35.55471	5.532499	80.76	26.78887	1.465572	4.547049	0.000258	1379.901	0.453871	573.3973	0.036267	12.12401	0	1
sm293	110.9844	1135.675	6.856409	33.69978	5.432286	65.35444	21.64592	1.590583	5.311204	0.000292	940.7627	0.577013	641.6654	0.044592	11.99564	0	1
sm294	135.3067	1306.573	6.92986	36.14655	5.511989	84.27333	28.07067	1.413192	4.317897	0.000258	1556.775	0.396709	511.8483	0.031613	12.12713	0	1
sm295	126.68	1035.837	6.785682	32.18443	5.475902	78.74556	26.06903	1.498366	4.63627	0.00028	1383.792	0.333613	346.3835	0.040865	12.04313	0	1
sm296	104.79	932.5376	6.683758	30.53748	5.419087	70.55222	23.57874	1.535988	4.589928	0.000308	1042.258	0.447498	422.0868	0.044576	11.92667	0	1
sm297	98.15889	1108.074	6.80775	33.28774	5.476358	74.00222	24.69827	1.401626	4.138908	0.000281	1123.468	0.493425	547.1509	0.039092	12.02462	0	1
sm298	99.35444	1094.965	6.800612	33.09026	5.481812	76.60333	25.37761	1.429206	4.186984	0.000282	1223.733	0.435462	471.9702	0.038901	12.01873	0	1
sm299	100.7967	1076.454	6.836191	32.80935	5.486974	74.48444	24.8638	1.37458	4.383628	0.000274	1170.983	0.457255	493.2687	0.041117	12.05539	0	1
sm300	103.4156	1198.236	6.899641	34.61555	5.527787	77.28444	25.70332	1.311266	4.004585	0.000259	1255.531	0.48173	583.5065	0.038629	12.1226	0	1
sm301	68.84778	559.8289	6.426386	23.6607	5.339456	59.29222	19.63242	1.817549	6.097163	0.000364	762.6071	0.31738	177.285	0.046494	11.74346	0	1
sm302	75.19889	435.1851	6.21873	20.86109	5.261198	50.45667	16.88608	1.921308	6.165783	0.000422	542.3137	0.377143	164.187	0.057081	11.5285	0	1
sm303	69.33333	504.7052	6.311541	22.46565	5.284373	49.70222	16.60786	1.898784	6.082044	0.000404	510.1249	0.501258	256.349	0.057798	11.57444	0	1
sm304	71.15444	763.1141	6.507092	27.62452	5.347999	55.36444	18.62081	1.711174	5.201552	0.000383	617.864	0.594933	453.7364	0.058899	11.66055	0	1
sm305	73.37111	524.3516	6.338839	22.89872	5.313601	54.76	18.19831	1.8691	5.861267	0.00039	648.1656	0.381169	199.6189	0.055174	11.63876	0	1
sm306	75.14444	57.00424	4.147801	7.550115	3.839907	19.00444	6.956854	9.941037	125.869	0.009174	104.7032	0.078082	4.433901	0.179732	8.206258	0	1
sm307	11.27889	74.61735	4.51546	8.638134	4.138585	22.18444	8.034388	6.830244	66.47905	0.003861	137.4537	0.076233	5.671636	0.132479	8.881408	0	1
sm308	9.074444	71.38822	4.210864	8.449155	3.856045	20.97667	7.968274	10.78475	144.7597	0.009256	137.3696	0.03686	2.628644	0.167022	8.291316	0	1
sm309	8.277778	62.66803	4.202056	7.916314	3.886368	19.94222	7.521523	9.892657	125.8175	0.007769	121.893	0.02565	1.604439	0.159097	8.310726	0	1
sm310	16.04778	75.94321	4.849908	8.71454	4.375607	22.84	7.754273	3.951634	18.49301	0.002154	129.842	0.1328	9.941792	0.113646	9.461943	0	1
sm311	69.63444	567.3356	6.41294	23.81881	5.340553	57.22333	19.07804	1.651615	4.773415	0.000362	715.5977	0.37564	215.2658	0.050926	11.71047	0	1
sm312	65.01444	542.1722	6.377759	23.28459	5.317227	54.82889	18.09825	1.661985	4.765049	0.000365	634.9401	0.413855	224.1533	0.056104	11.69168	0	1

sm313	73.59	521.9107	6.327368	22.84537	5.279837	54.42889	18.15376	1.706495	4.926987	0.000391	658.0585	0.364545	188.7563	0.050111	11.61356	0	1
sm314	70.37333	525.1552	6.386714	22.91627	5.301765	55.18778	18.34686	1.985824	7.198887	0.000382	661.9415	0.376231	199.6272	0.053453	11.6737	0	1
sm315	66.05889	473.7307	6.278446	21.76536	5.264623	51.24333	16.94761	1.912622	5.938194	0.00041	557.7642	0.410349	194.0795	0.056431	11.5605	0	1
sm316	69.00556	545.6318	6.351367	23.35876	5.295569	55.13889	18.3379	1.88526	5.842438	0.000404	661.2929	0.394362	215.3012	0.051403	11.61516	0	1
sm317	70.34889	513.8047	6.277236	22.66726	5.230351	52.29	17.40329	2.02281	6.764936	0.000423	570.2443	0.44486	228.4818	0.058238	11.5414	0	1
sm318	60.26778	476.1296	6.232899	21.82039	5.235276	50.33333	16.91809	2.036925	6.854781	0.000446	535.6025	0.433663	205.0639	0.061526	11.47418	0	1
sm319	66.06222	537.1196	6.34518	23.17584	5.270339	54.68222	18.28219	1.970382	6.223995	0.000406	645.3899	0.385963	202.8354	0.054678	11.59556	0	1
sm320	59.67333	611.1145	6.456133	24.72073	5.336498	55.00556	18.40671	1.567834	4.48317	0.000352	624.132	0.48875	298.3318	0.053637	11.73732	0	1
sm321	67.92333	607.7283	6.446388	24.65215	5.346432	58.65333	19.53747	1.667242	5.008291	0.000354	731.6477	0.396438	240.2839	0.045905	11.74387	0	1
sm322	62.99444	555.6763	6.395224	23.57279	5.272054	53.33111	17.646	1.971808	6.787504	0.000385	580.7125	0.483015	271.2771	0.054837	11.64519	0	1
sm323	63.49556	619.2136	6.473554	24.884	5.378607	57.78778	19.25208	1.457914	3.961466	0.000351	681.3219	0.449281	277.9137	0.054642	11.7566	0	1
sm324	56.04111	581.51	6.401415	24.11452	5.285763	50.51667	16.91941	1.671168	5.094733	0.000384	540.8073	0.524684	298.4885	0.057437	11.64634	0	1
sm325	60.99	579.1779	6.367665	24.06612	5.323936	53.81111	18.06529	1.928776	6.20224	0.000387	597.7897	0.486586	283.276	0.051236	11.63785	0	1
sm326	63.13778	556.268	6.369189	23.58533	5.299626	52.54	17.68084	1.739654	5.226055	0.000382	580.5634	0.477807	265.6085	0.058111	11.6371	0	1
sm327	61.80111	572.1462	6.415975	23.91958	5.329872	53.07667	17.88023	1.759591	5.420517	0.000391	598.4781	0.472633	268.1816	0.056322	11.64224	0	1
sm328	69.73778	564.2938	6.369594	23.75487	5.253899	52.28111	17.35381	2.116386	7.638035	0.000406	555.1359	0.511824	291.0132	0.059762	11.58938	0	1
sm329	63.60778	579.2887	6.392889	24.06842	5.333579	52.68778	17.78316	1.672462	4.90943	0.00038	573.3277	0.505379	292.8983	0.059811	11.6516	0	1
sm330	69.99444	486.248	6.293518	22.05103	5.270982	47.99111	15.89487	1.822769	5.476451	0.000419	475.8899	0.514959	252.6212	0.063834	11.52487	0	1
sm331	57.45444	546.7554	6.35042	23.3828	5.273165	51.86667	17.29978	1.718416	5.124685	0.0004	545.6617	0.496589	269.134	0.053834	11.59405	0	1
sm332	61.80667	507.4932	6.296576	22.52761	5.254173	52.08778	17.23211	1.868148	5.81027	0.000407	547.3424	0.463394	236.333	0.057407	11.57299	0	1
sm333	62.83444	594.5054	6.429828	24.38248	5.360906	54.46778	18.26151	1.573952	4.473865	0.000364	603.9161	0.487394	287.1065	0.056971	11.69452	0	1
sm334	74.57778	572.3443	6.426714	23.92372	5.357364	57.32444	19.29579	1.5809	4.466926	0.000354	728.2728	0.358381	203.3912	0.05158	11.7322	0	1
sm335	74.36889	562.8404	6.374414	23.72426	5.291655	57.36556	19.14459	1.858144	5.77482	0.000378	731.1103	0.351667	198.2835	0.051386	11.67101	0	1
sm336	67.54667	539.6185	6.352866	23.22969	5.311334	54.09111	17.93676	1.720114	5.143775	0.000387	603.6673	0.434921	232.3101	0.056784	11.63183	0	1
sm337	79.08556	391.1573	6.085592	19.7777	5.169467	47.87778	15.96184	2.13972	6.87701	0.000509	498.7744	0.366217	144.1024	0.061211	11.30181	0	1
sm338	65.69667	597.7355	6.403427	24.44863	5.270614	54.16333	18.06891	1.839601	5.567011	0.000391	605.0304	0.49999	302.5034	0.054994	11.63055	0	1
sm339	65.14222	489.4592	6.27972	22.12372	5.259994	52.46889	17.43456	1.954868	6.426028	0.00041	589.5583	0.395895	193.181	0.053672	11.56629	0	1
sm340	60.52222	496.8883	6.323457	22.29099	5.283757	51.83778	17.16817	1.930458	6.342554	0.0004	556.5873	0.439861	218.5358	0.052858	11.59105	0	1
sm341	65.66222	524.284	6.338493	22.89725	5.287101	54.31111	18.00766	1.985952	6.30727	0.000418	615.2674	0.416119	219.2439	0.058191	11.56975	0	1
sm342	67.13111	526.6369	6.35745	22.94857	5.315205	55.15667	18.4697	1.768769	5.298471	0.000379	673.2125	0.360099	189.4225	0.054332	11.66066	0	1
sm343	65.18	501.8808	6.300239	22.4027	5.263681	52.52444	17.44555	1.882265	6.040401	0.0004	582.5148	0.415222	206.8078	0.053866	11.588	0	1
sm344	69.55444	423.3574	6.230511	20.57565	5.195622	48.01444	15.8493	2.049524	6.949987	0.000437	493.4369	0.423115	180.9548	0.064171	11.49536	0	1
sm345	66.46667	517.208	6.328499	22.74221	5.266813	53.32222	17.81681	2.001181	6.537688	0.000412	590.5864	0.429832	222.6126	0.054649	11.58089	0	1
sm346	73.61889	525.9692	6.40754	22.93402	5.346857	53.80222	17.82358	1.622534	4.657177	0.000353	599.0932	0.429937	225.9158	0.051118	11.72152	0	1
sm347	38.81556	201.4031	5.653694	14.19166	4.946319	35.15333	11.69452	2.799014	11.20294	0.000783	273.4039	0.318686	63.94274	0.079279	10.75067	0	1
sm348	64.92333	572.9074	6.398645	23.93548	5.320765	53.04333	17.80523	1.720662	5.027988	0.000387	560.2687	0.509788	291.3211	0.056178	11.63628	0	1
sm349	60.48889	536.5416	6.31942	23.16337	5.294144	51.91889	17.4946	1.696418	4.729116	0.000412	567.1983	0.464364	245.8638	0.056599	11.54985	0	1
sm350	61.06111	524.2399	6.318623	22.89629	5.259332	52.81222	17.44378	1.716452	4.869925	0.000406	571.9138	0.457704	241.3506	0.06322	11.56792	0	1
sm351	145.1956	3330.1	7.483162	57.70702	5.723932	129.8667	43.61882	1.142142	4.837425	0.000196	3495.892	0.479749	1611.866	0.022143	12.43973	0	1
sm352	137.3267	2910.91	7.402443	53.95285	5.704041	124.16	42.0617	0.9629	3.413753	0.000199	3381.612	0.414333	1196.168	0.022478	12.42242	0	1
sm353	150.0556	3013.832	7.4279	54.89838	5.684023	127.8322	43.17057	1.112875	4.27101	0.000205	3658.425	0.39592	1198.882	0.023526	12.38912	0	1
sm354	146.6233	2786.184	7.415643	52.78432	5.668242	122.22	40.78882	0.961131	3.819737	0.000204	3244.526	0.417965	1164.965	0.028426	12.39093	0	1
sm355	132.2533	2720.41	7.433729	52.15755	5.694104	118.7189	40.15018	0.743435	2.708421	0.000199	3034.232	0.435275	1169.354	0.027394	12.41399	0	1
sm356	142.9211	3166.878	7.431795	56.27502	5.674025	119.6289	40.35003	0.72996	2.751109	0.000206	2930.16	0.534392	1681.514	0.029378	12.38167	0	1
sm357	133.3967	2954.182	7.45139	54.35239	5.687452	119.3456	40.34203	0.956042	3.380942	0.000197	3061.415	0.482101	1424.902	0.025584	12.42839	0	1
sm358	143.3756	3246.023	7.518883	56.97388	5.734438	132.6511	44.22881	0.932252	3.292372	0.000191	3854.049	0.414331	1363.273	0.020905	12.45546	0	1

sm359	159.29	3284.32	7.465835	57.30898	5.699691	132.98	44.88624	1.495774	7.518679	0.000196	4079.081	0.378179	1240.409	0.020403	12.44662	0	1
sm360	157.6633	3575.365	7.446764	59.79436	5.635921	134.5867	45.18681	2.022554	12.38686	0.000211	4079.529	0.433705	1562.183	0.025315	12.3694	0	1
sm361	163.5789	2709.074	7.285309	52.04876	5.625136	127.6456	42.71525	1.371364	4.807201	0.00022	3741.942	0.306214	825.7831	0.027425	12.31631	0	1
sm362	158.69	3365.658	7.48458	58.01429	5.707875	130.87	44.41935	0.874886	3.675022	0.000199	3738.637	0.445536	1502.077	0.023199	12.42452	0	1
sm363	138.9122	2952.251	7.425373	54.33463	5.683774	127.27	42.24949	1.027823	3.540553	0.0002	3501.051	0.412184	1227.493	0.022784	12.41077	0	1
sm364	151.0489	3021.206	7.441628	54.9655	5.66311	124.3056	41.64852	1.116697	4.279695	0.00021	3283.045	0.464553	1424.182	0.028859	12.3681	0	1
sm365	148.4689	3144.418	7.451455	56.07511	5.702596	128.6878	43.1872	0.899744	3.522075	0.000198	3517.282	0.434681	1352.242	0.024354	12.42748	0	1
sm366	143.4467	3466.601	7.504246	58.87785	5.717377	137.4833	46.41116	0.952471	3.608662	0.000193	4107.661	0.406227	1405.117	0.019364	12.44752	0	1
sm367	140.2778	3248.334	7.491439	56.99416	5.692679	131.5389	43.87613	0.839035	3.146537	0.0002	3683.353	0.42527	1362.745	0.02695	12.41193	0	1
sm368	142.9267	3568.039	7.46429	59.73307	5.732729	132.2844	44.60302	1.131134	5.175659	0.000198	3618.014	0.492741	1757.23	0.022077	12.42363	0	1
sm369	140.0489	3512.34	7.537913	59.265	5.721158	128.7389	43.68387	0.698802	2.88948	0.000195	3595.859	0.486395	1702.675	0.026284	12.44412	0	1
sm370	146.8356	2939.601	7.398077	54.21809	5.676272	127.7544	42.73836	1.017846	3.54428	0.000198	3519.581	0.403284	1189.333	0.023999	12.42394	0	1
sm371	142.7922	3305.104	7.482134	57.49003	5.696858	127.8233	42.98046	1.208148	4.773776	0.000195	3543.065	0.462173	1522.34	0.02411	12.43877	0	1
sm372	140.5	2808.869	7.439327	52.99876	5.711684	121.7778	40.47031	0.907846	3.290393	0.000201	3206.821	0.42885	1203.928	0.022227	12.40631	0	1
sm373	136.8089	2595.832	7.37753	50.94931	5.685522	126.7211	41.96697	1.073257	3.859221	0.000199	3505.794	0.326629	850.2698	0.0249	12.41199	0	1
sm374	141.1478	2994.553	7.446489	54.72251	5.667932	124.4856	41.98033	1.006299	3.40214	0.000203	3565.541	0.408362	1230.509	0.02401	12.40078	0	1
sm375	142.7656	2796.8	7.398857	52.88478	5.699724	123.52	41.46411	0.944164	3.59662	0.000202	3318.009	0.406238	1135.051	0.02474	12.39952	0	1
sm376	157.9089	3072.842	7.422632	55.43322	5.676555	129.62	43.61763	0.988728	3.708649	0.000203	3677.035	0.397647	1213.706	0.025677	12.39456	0	1
sm377	158.1733	2971.578	7.408774	54.51219	5.690756	129.6656	43.1832	1.19471	4.426429	0.000203	3641.181	0.391525	1171.465	0.024878	12.40344	0	1
sm378	162.3333	2899.346	7.368288	53.84558	5.674766	125.2311	42.21254	1.916283	11.94386	0.000214	3494.362	0.402375	1176.36	0.024379	12.37554	0	1
sm379	155.7989	3006.555	7.405102	54.83206	5.694345	127.0756	42.90717	0.991372	4.007777	0.000195	3654.786	0.39637	1199.949	0.02019	12.44029	0	1
sm380	141.2067	2750.82	7.443416	52.44826	5.689988	121.5722	40.6648	0.832593	3.135678	0.000194	3117.529	0.435532	1202.711	0.02449	12.44502	0	1
sm381	148.7122	3383.318	7.509536	58.16629	5.722654	133.97	44.47973	0.89213	3.723466	0.000192	3855.695	0.423509	1416.259	0.02141	12.45953	0	1
sm382	137.4078	3219.643	7.505248	56.7419	5.720237	127.9189	42.78882	0.995549	3.517324	0.000196	3625.032	0.437677	1410.747	0.023254	12.43419	0	1
sm383	149.7378	3099.104	7.412851	55.66959	5.706957	128.7878	43.13313	1.124882	4.203079	0.000202	3607.067	0.413934	1273.824	0.022187	12.40335	0	1
sm384	98.63111	928.2664	6.715832	30.46747	5.418335	72.65222	24.11806	1.844635	6.505118	0.000305	1151.509	0.38126	354.7724	0.042706	11.95966	0	1
sm385	108.9911	930.8631	6.723303	30.51005	5.400375	72.02111	23.91361	1.534998	5.010443	0.0003	1161.854	0.379031	354.5893	0.044128	11.96419	0	1
sm386	98.09333	1052.772	6.788645	32.44645	5.458954	73.24	24.19508	1.519288	4.793512	0.00029	1130.398	0.458405	478.3844	0.04414	12.00383	0	1
sm387	90.83667	805.6073	6.642135	28.38322	5.378722	65.02333	21.50691	1.495832	4.352486	0.000313	925.3223	0.417778	331.9859	0.04819	11.89279	0	1
sm388	102.5489	939.1934	6.753436	30.64626	5.458384	70.68222	23.4777	1.423927	4.170232	0.000288	1106.74	0.408438	382.0683	0.041377	11.9986	0	1
sm389	109.6444	904.3206	6.732417	30.07192	5.428157	69.97333	23.36031	1.628054	5.656403	0.000295	1047.725	0.422983	384.0172	0.041601	11.98204	0	1
sm390	102.3167	1004.628	6.733172	31.69587	5.440321	75.52444	25.07841	1.649003	5.082302	0.000303	1213.782	0.389328	386.9178	0.039914	11.94597	0	1
sm391	124.7	1129.474	6.858566	33.60765	5.500539	77.42222	25.69986	1.355814	4.619829	0.000269	1280.945	0.4312	485.5338	0.042462	12.08866	0	1
sm392	126.8356	1268.674	6.920409	35.61845	5.514013	81.25778	26.91723	1.352458	4.099166	0.000265	1388.217	0.451861	572.1929	0.034391	12.10156	0	1
sm393	111.0222	1132.609	6.79912	33.65426	5.382549	65.12333	21.60239	1.517731	4.562343	0.000306	933.8273	0.579413	643.2351	0.04765	11.93267	0	1
sm394	135.2511	1314.909	6.948966	36.26168	5.510276	84.63222	28.16461	1.2832	4.122884	0.000253	1583.527	0.390166	506.5623	0.038403	12.15486	0	1
sm395	126.6456	1027.98	6.779975	32.06213	5.470789	78.40444	25.98619	1.525776	4.879922	0.000281	1363.625	0.337748	347.7236	0.039248	12.02432	0	1
sm396	104.8478	940.385	6.758271	30.6657	5.447637	71.30889	23.71143	1.527622	5.154983	0.00029	1057.421	0.443068	420.6155	0.042628	12.00469	0	1
sm397	98.18333	1113.927	6.809502	33.37555	5.454144	74.33111	24.85251	1.657217	5.865572	0.000279	1137.721	0.490019	546.5929	0.041328	12.02634	0	1
sm398	99.34444	1105.93	6.82406	33.25553	5.479679	77.29889	25.59955	1.58569	5.35227	0.00028	1241.073	0.432738	473.3779	0.03916	12.03626	0	1
sm399	100.7478	1077.724	6.848255	32.82871	5.482359	73.82222	24.76525	1.384132	4.409147	0.000277	1168.847	0.458803	495.4489	0.038694	12.04037	0	1
sm400	103.4189	1213.114	6.918791	34.82978	5.533803	78.09778	26.00472	1.197041	3.50938	0.000257	1290.959	0.473378	580.219	0.037381	12.13603	0	1
sm401	61.325	707.2908	6.711629	26.59494	5.523544	63.55333	21.15793	0.996706	2.487459	0.000164	888.7019	0.371645	262.8147	0.045219	12.87682	0	1
sm402	58.0825	713.4472	6.713743	26.71043	5.52352	63.88472	21.23407	0.993696	2.533475	0.000163	883.1238	0.381316	272.1498	0.045106	12.88519	0	1
sm403	57.89694	797.1961	6.752928	28.23466	5.543856	68.33167	22.79936	0.939006	2.51962	0.000153	1032.729	0.353581	282.4428	0.039508	12.97657	0	1
sm404	57.07611	677.5524	6.679358	26.02984	5.508349	63.42389	21.06601	1.068657	2.69691	0.000167	872.9134	0.35819	243.5837	0.043462	12.84814	0	1

sm405	54.52333	619.3693	6.611235	24.88713	5.495041	59.83139	19.9345	1.051778	2.584384	0.000179	773.4718	0.377046	234.0739	0.046957	12.73713	0	1
sm406	58.84028	646.2871	6.653002	25.42218	5.507888	61.75917	20.51905	1.064776	2.64596	0.000172	837.3384	0.353169	228.5932	0.04432	12.80101	0	1
sm407	62.48167	624.9683	6.632453	24.99937	5.473668	60.84806	20.1867	1.115778	2.790682	0.000179	830.1956	0.33265	206.9113	0.045947	12.77167	0	1
sm408	65.84444	683.5829	6.709131	26.14542	5.51051	60.29556	19.85951	1.073087	2.655849	0.000171	766.0438	0.438658	299.3112	0.045289	12.82688	0	1
sm409	71.76722	712.2553	6.734931	26.68811	5.51693	63.14889	20.97253	1.019143	2.63122	0.000162	864.7321	0.395276	282.6145	0.045509	12.90092	0	1
sm410	64.04194	656.2819	6.675168	25.618	5.495064	59.78778	19.86086	1.127597	2.848273	0.000176	758.394	0.423077	278.0776	0.047015	12.79883	0	1
sm411	61.83556	808.1797	6.800769	28.4285	5.573563	67.30972	22.26838	0.952763	2.53724	0.000149	965.1701	0.405422	329.0574	0.041041	13.00707	0	1
sm412	68.28111	743.0902	6.760099	27.25968	5.503975	61.25722	20.30792	0.95753	2.399024	0.000163	795.9735	0.46235	342.2466	0.046008	12.88565	0	1
sm413	65.31806	733.2	6.7552	27.07767	5.506415	59.21722	19.67585	0.925088	2.291498	0.000163	753.827	0.487157	358.035	0.048707	12.87716	0	1
sm414	69.62167	788.407	6.804547	28.07859	5.537616	65.99861	21.79364	0.990276	2.610126	0.000151	953.1544	0.39428	310.217	0.039535	13.01007	0	1
sm415	71.84472	790.8447	6.807922	28.12196	5.559864	68.30833	22.62175	0.981378	2.494154	0.00015	1010.76	0.360027	284.31	0.037754	13.01414	0	1
sm416	65.66028	727.7898	6.754068	26.97758	5.518147	59.48778	19.80543	1.003315	2.533567	0.000164	766.2175	0.47332	344.294	0.045378	12.88202	0	1
sm417	64.20583	665.7056	6.688482	25.80127	5.490395	59.82694	19.78303	1.070678	2.631516	0.000175	767.4196	0.422928	281.215	0.046776	12.79383	0	1
sm418	69.24417	708.4324	6.729271	26.61639	5.525498	65.54278	21.69381	1.070396	2.71996	0.000162	932.7009	0.34135	241.6896	0.04175	12.90961	0	1
sm419	82.88389	678.0649	6.711114	26.03968	5.491122	62.8925	20.88447	1.071468	2.674586	0.000168	874.0252	0.356621	242.2335	0.046843	12.86329	0	1
sm420	83.22917	660.5118	6.672193	25.70042	5.473284	61.94472	20.39697	1.195115	3.049071	0.00018	837.3637	0.362581	238.1579	0.045413	12.77594	0	1
sm421	77.81083	660.3668	6.686304	25.6976	5.49533	60.06333	20.00353	1.127638	2.863419	0.000173	781.5715	0.407175	268.4062	0.046685	12.81537	0	1
sm422	68.25972	717.4504	6.734299	26.78527	5.512194	65.35722	21.67759	1.030757	2.607529	0.000159	958.4652	0.330282	236.3413	0.041581	12.92534	0	1
sm423	63.07083	730.5621	6.744725	27.02891	5.548395	64.01972	21.26932	1.010257	2.679038	0.000158	875.3109	0.399687	291.3903	0.043436	12.92483	0	1
sm424	66.14667	684.5364	6.704917	26.16365	5.509648	63.10444	21.04966	1.02506	2.634363	0.000162	876.9441	0.358595	245.1394	0.041955	12.88737	0	1
sm425	83.66111	702.2702	6.735434	26.50038	5.488596	62.20139	20.49028	1.142699	2.901519	0.000172	835.3242	0.406059	285.5431	0.044796	12.85682	0	1
sm426	80.30694	832.629	6.84494	28.85531	5.535526	64.94667	21.54938	0.913929	2.369106	0.00015	920.8699	0.446192	370.9627	0.044821	13.01695	0	1
sm427	69.05944	702.4605	6.728437	26.50397	5.523385	64.37028	21.3384	1.10443	2.79739	0.000164	918.3041	0.346034	242.952	0.044596	12.9293	0	1
sm428	72.94028	782.3068	6.807589	27.96975	5.548838	63.6875	21.0612	0.941749	2.413592	0.000154	849.4099	0.457983	358.8594	0.043288	12.97502	0	1
sm429	82.32361	564.6091	6.570435	23.7615	5.419721	55.73333	18.42006	1.367175	3.673493	0.000209	668.2423	0.405823	228.2048	0.052001	12.59799	0	1
sm430	78.17444	728.7209	6.753003	26.99483	5.519265	61.64361	20.55461	1.01273	2.569653	0.000162	792.9794	0.458415	335.6023	0.046137	12.8991	0	1
sm431	84.08889	750.5506	6.774389	27.39618	5.533451	62.32389	20.78098	0.978555	2.417229	0.000159	828.3033	0.447923	336.0182	0.043494	12.9276	0	1
sm432	71.69306	732.2367	6.761307	27.05987	5.501067	64.02528	21.23936	1.060258	2.789024	0.00016	893.2607	0.389619	285.0933	0.044058	12.93129	0	1
sm433	78.56806	618.0943	6.644211	24.8615	5.477811	58.16083	19.29732	1.151456	2.833296	0.000183	722.7332	0.414645	255.9795	0.049031	12.74023	0	1
sm434	77.15139	669.3666	6.697891	25.87212	5.522262	57.54	19.11424	1.001661	2.499015	0.000173	680.0211	0.493455	331.2236	0.047751	12.79078	0	1
sm435	89.02722	742.2854	6.769361	27.24492	5.512976	60.9825	20.26134	0.984449	2.500691	0.000162	786.1965	0.471212	350.2961	0.04565	12.89714	0	1
sm436	84.37361	818.0607	6.818284	28.60176	5.5196	59.84972	19.92506	0.952052	2.56081	0.000161	733.023	0.552032	451.6528	0.048037	12.91638	0	1
sm437	81.91444	887.9999	6.887142	29.79933	5.528015	59.575	19.88822	0.833645	2.268779	0.000152	734.6848	0.58618	520.3449	0.049205	12.99226	0	1
sm438	62.33694	690.782	6.707757	26.28273	5.496377	56.84417	18.98066	1.064225	2.724422	0.000177	684.2861	0.505877	350.2823	0.051085	12.79175	0	1
sm439	70.46778	828.8686	6.835149	28.79008	5.576836	66.99028	22.16178	0.959797	2.632126	0.000148	923.2692	0.444151	368.8687	0.041289	13.02445	0	1
sm440	73.51667	913.4946	6.904183	30.22407	5.567848	62.62139	20.90613	0.833247	2.259067	0.000147	795.324	0.564492	515.4363	0.045772	13.03929	0	1
sm441	104.9561	771.8903	6.781464	27.78291	5.498845	61.47694	20.28013	1.259663	3.291178	0.000176	797.1292	0.483909	373.7116	0.047563	12.85564	0	1
sm442	131.7597	681.8208	6.709903	26.1117	5.484058	62.86389	20.65902	1.214331	3.132427	0.000175	884.6057	0.350104	238.2715	0.044764	12.83409	0	1
sm443	132.2803	688.5886	6.714801	26.24097	5.474508	62.01472	20.38048	1.229566	3.178425	0.000178	846.8357	0.388341	268.8266	0.045645	12.82638	0	1
sm444	131.7983	670.8496	6.69527	25.90076	5.471409	62.115	20.49461	1.250201	3.224057	0.000178	866.3188	0.355405	238.8272	0.045624	12.81805	0	1
sm445	96.80222	1092.146	7.025875	33.04763	5.588444	72.69083	23.90913	1.001927	2.79882	0.000133	1100.485	0.497611	545.0095	0.040285	13.2136	0	1
sm446	109.2808	716.2154	6.744994	26.7622	5.466229	60.23806	20.01168	1.218621	3.238973	0.000177	770.4951	0.459548	327.5774	0.04763	12.82338	0	1
sm447	103.0031	960.9633	6.957919	30.99941	5.559384	65.91167	21.71312	1.016747	2.646474	0.000149	913.1765	0.523442	501.5069	0.0438	13.07465	0	1
sm448	129.0647	737.3226	6.768807	27.15368	5.497917	59.10639	19.59069	1.170736	2.973062	0.000173	768.6053	0.477409	351.0769	0.043649	12.85906	0	1
sm449	176.9289	2212.635	7.371484	47.03865	5.634312	79.28861	26.61486	2.948305	26.40319	0.000172	1303.095	0.707497	1575.942	0.044498	13.44197	0	1
sm450	138.9294	902.1756	6.898916	30.03624	5.566179	67.89583	22.3664	1.022367	2.702844	0.000147	975.2895	0.460747	416.6527	0.041728	13.07127	0	1

sm451	139.3844	745.5093	6.76949	27.30402	5.503938	62.88472	20.81227	1.16186	2.951143	0.000168	853.2797	0.42622	316.9199	0.044436	12.88086	0	1
sm452	78.00806	1132.007	7.046857	33.64532	5.616284	74.17139	24.54613	0.862521	2.494851	0.000127	1131.59	0.498116	561.5465	0.03986	13.26264	0	1
sm453	83.89972	1568.703	7.246552	39.60686	5.679781	83.43667	27.73112	0.625629	2.168454	0.000106	1469.723	0.53232	836.4303	0.033931	13.49874	0	1
sm454	97.68056	1136.433	7.051607	33.71102	5.574002	70.35639	23.16546	0.913511	2.649867	0.000133	1046.922	0.537262	607.7638	0.041735	13.21081	0	1
sm455	108.6636	1815.376	7.375672	42.60723	5.687167	84.32861	27.95175	0.698095	2.238902	0.000101	1494.558	0.5894	1072.689	0.035612	13.56081	0	1
sm456	138.9297	2872.891	7.63414	53.59936	5.725213	99.11972	33.19603	0.656401	2.952088	0.000089	2127.363	0.630757	1817.028	0.033063	13.80872	0	1
sm457	122.8003	2151.306	7.47671	46.38217	5.713313	86.71583	28.78635	0.676352	2.360216	0.000094	1554.11	0.638574	1372.913	0.032704	13.65778	0	1
sm458	99.31278	1418.877	7.210608	37.66798	5.637142	77.77583	25.81628	0.749322	2.241276	0.000115	1261.078	0.554508	784.8392	0.040288	13.41255	0	1
sm459	91.835	1602.38	7.287796	40.02974	5.688506	82.00167	27.26659	0.512502	1.876034	0.000102	1400.393	0.563403	903.5642	0.034116	13.52975	0	1
sm460	84.53028	1574.205	7.256163	39.67625	5.67961	83.20333	27.74813	0.631053	2.244405	0.000106	1469.002	0.534265	842.577	0.035705	13.50767	0	1
sm461	101.9894	937.5587	6.938158	30.61958	5.566535	67.74583	22.3731	0.852202	2.246358	0.000141	970.8505	0.484902	456.9688	0.041968	13.11178	0	1
sm462	67.00667	1681.907	7.13661	41.01106	5.611176	87.11583	29.18222	3.94022	38.02449	0.000174	1637.558	0.512577	861.0334	0.037254	13.34545	0	1
sm463	101.9117	1491.057	7.257768	38.61421	5.666835	84.92361	28.10165	0.670661	2.082399	0.000106	1492.489	0.50121	749.8646	0.036098	13.50015	0	1
sm464	90.9575	2306.167	7.472901	48.02257	5.376767	103.6514	34.49185	0.9223	5.143788	0.000091	2227.585	0.515994	1187.404	0.029431	13.75159	0	1
sm465	96.48833	1795.199	7.359664	42.36978	5.738539	94.86806	31.35729	0.52525	1.950697	0.000094	1886.646	0.472593	845.2829	0.030945	13.64659	0	1
sm466	66.98778	2071.826	7.174366	45.51732	5.578659	91.98611	31.06646	7.457615	92.0618	0.000344	1789.085	0.569593	1183.822	0.043629	13.28932	0	1
sm467	81.54222	2256.648	7.381319	47.50419	5.696276	100.5697	33.59905	2.863315	24.21191	0.000141	2128.123	0.530304	1201.367	0.03553	13.59985	0	1
sm468	91.78194	2104.171	7.424627	45.87125	5.74167	102.6094	34.19272	0.826638	3.760347	0.00009	2208.281	0.475956	1002.822	0.02826	13.72522	0	1
sm469	85.17	1824.103	7.338297	42.70952	5.709641	92.11389	30.71101	0.616571	2.212207	0.000099	1753.741	0.519008	946.1747	0.031182	13.60705	0	1
sm470	114.0953	2993.433	7.690135	54.71228	5.821275	123.3369	41.03396	0.347505	2.169254	0.000072	3120.179	0.476751	1421.456	0.025473	13.98966	0	1
sm471	116.4594	3018.978	7.679658	54.94522	5.803542	121.8464	40.5961	0.46471	2.452967	0.000073	3131.065	0.47984	1444.181	0.024878	13.97489	0	1
sm472	89.56	3156.23	7.570339	56.18034	5.721106	111.7786	37.54484	5.335327	59.06306	0.00013	2582.601	0.59149	1869.701	0.033106	13.75848	0	1
sm473	92.14778	2466.14	7.457425	49.66024	5.709599	104.125	34.90665	3.016011	26.58083	0.000137	2271.184	0.540932	1338.098	0.034457	13.68219	0	1
sm474	72.17278	2268.115	7.266147	47.62473	5.616236	98.795	33.36789	7.254666	89.02577	0.000286	2052.06	0.548688	1247.409	0.04089	13.40852	0	1
sm475	113.3569	2569.835	7.594388	50.69354	5.768603	112.5292	37.30026	0.532885	2.446913	0.000078	2714.798	0.468145	1194.799	0.027002	13.90054	0	1
sm476	99.89306	2129.988	7.438495	46.1518	5.72093	96.92056	32.18827	0.734642	3.07613	0.000095	1970.393	0.535044	1133.706	0.030777	13.69618	0	1
sm477	77.11028	1854.737	7.272596	43.06666	5.675786	88.82278	29.73755	1.910009	13.04625	0.000132	1626.106	0.56326	1048.587	0.037299	13.47657	0	1
sm478	98.58417	2058.688	7.445142	45.37276	5.731145	97.30111	32.32589	0.513719	2.023212	0.000089	1990.241	0.51294	1047.997	0.030993	13.72354	0	1
sm479	109.3825	1955.417	7.430725	44.2201	5.746895	97.92556	32.31393	0.630537	2.244132	0.00009	1984.89	0.492921	964.7365	0.029565	13.71131	0	1
sm480	82.83083	829.4876	6.842377	28.80083	5.54674	64.98556	21.50305	1.062362	2.765092	0.000155	914.7911	0.449943	374.1458	0.04433	12.98954	0	1
sm481	86.25972	1153.439	7.070853	33.96232	5.639851	77.53889	25.61918	0.856357	2.453556	0.000122	1280.56	0.445226	513.8472	0.036147	13.31525	0	1
sm482	90.65528	1130.573	7.054881	33.624	5.605357	76.91	25.46604	0.856221	2.313578	0.000125	1287.153	0.430275	486.0508	0.037898	13.28584	0	1
sm483	130.5753	936.51	6.936521	30.60245	5.570251	65.79306	21.66873	0.965684	2.56603	0.000146	915.0493	0.51106	478.223	0.044803	13.07624	0	1
sm484	115.7958	882.2692	6.891664	29.70302	5.527116	62.81583	20.70931	0.931754	2.440539	0.000151	848.0342	0.520567	460.3958	0.045204	13.00859	0	1
sm485	130.4211	946.9696	6.948333	30.77287	5.55204	68.36139	22.36936	0.951239	2.607018	0.000141	1009.721	0.467008	442.3587	0.042727	13.12523	0	1
sm486	102.7258	831.1916	6.841586	28.83039	5.509123	60.17444	19.93361	1.142225	3.064764	0.000169	766.3679	0.537882	446.0075	0.05115	12.90573	0	1
sm487	107.2878	999.9833	6.979839	31.62251	5.574421	66.46139	21.94603	0.846657	2.288889	0.000138	914.7175	0.542754	542.8876	0.042814	13.13207	0	1
sm488	133.8319	835.3585	6.835159	28.90257	5.51972	66.27556	21.7862	1.13167	2.917317	0.000158	920.058	0.44969	375.9165	0.043726	12.97723	0	1
sm489	137.0669	1636.805	7.300005	40.45745	5.713948	93.96417	31.09425	0.770725	2.401751	0.0001	1939.5	0.406842	665.1441	0.030243	13.58538	0	1
sm490	121.8661	1359.459	7.172437	36.87084	5.658329	82.89056	27.43081	0.859656	2.541357	0.000114	1478.209	0.458594	626.0537	0.036089	13.41123	0	1
sm491	139.4803	1024.922	6.999145	32.0144	5.602522	71.90556	23.77133	0.962162	2.635786	0.000135	1118.199	0.453191	463.3776	0.040262	13.19393	0	1
sm492	127.035	784.3778	6.805408	28.00675	5.533707	67.60306	22.2416	1.090036	2.760392	0.000156	986.8301	0.368078	287.4016	0.041597	12.97372	0	1
sm493	131.1825	900.2504	6.903289	30.00417	5.548143	73.20167	24.13629	1.013318	2.621918	0.000143	1187.923	0.339153	304.8268	0.04044	13.0994	0	1
sm494	135.5603	884.2998	6.89397	29.73718	5.598439	73.18167	24.13443	0.971842	2.516847	0.00014	1174.803	0.333228	293.5622	0.038375	13.1196	0	1
sm495	113.435	1062.857	7.014548	32.60148	5.61383	77.90083	25.695	0.90415	2.460127	0.000127	1345.9	0.365231	387.1996	0.035274	13.2657	0	1
sm496	107.7603	995.5727	6.980654	31.5527	5.592746	77.27528	25.269	1.003165	2.641736	0.000134	1297.654	0.351827	352.1821	0.03674	13.20574	0	1

sm497	95.17222	1190.758	7.089814	34.50737	5.655041	81.33306	26.76223	0.84991	2.406884	0.000119	1447.374	0.39272	467.9989	0.033693	13.35245	0	1
sm498	101.11	1032.601	7.004396	32.13411	5.609986	77.26306	25.59388	0.949322	2.62254	0.000128	1314.856	0.359619	369.1928	0.034889	13.24584	0	1
sm499	87.3775	1346.975	7.169755	36.70115	5.658348	84.86917	27.97294	0.743581	2.197791	0.000111	1528.289	0.433525	584.801	0.03396	13.44169	0	1
sm500	91.95167	1426.32	7.216625	37.76665	5.683309	86.62306	28.66619	0.625431	1.965151	0.000105	1589.877	0.442572	631.1452	0.034561	13.50095	0	1
sm501	61.41639	751.6612	6.757337	27.41644	5.551752	66.75972	22.17128	0.974652	2.504001	0.000152	984.4538	0.345288	259.5951	0.03912	12.97193	0	1
sm502	58.12083	753.3783	6.758206	27.44774	5.550547	66.79611	22.15787	0.926998	2.366871	0.00015	969.5879	0.357136	269.3223	0.039987	12.98552	0	1
sm503	58.04917	836.4858	6.788195	28.92206	5.562122	71.15278	23.70109	0.921129	2.514453	0.000145	1124.267	0.329571	276.3344	0.037235	13.0431	0	1
sm504	57.13194	713.5928	6.713024	26.71316	5.539661	66.10611	21.92568	1.02558	2.596631	0.000159	953.6852	0.334491	239.6655	0.041535	12.9129	0	1
sm505	54.61417	658.5404	6.650984	25.66204	5.500731	62.91278	20.90886	0.992467	2.41937	0.000168	859.4822	0.348925	230.3077	0.042782	12.82108	0	1
sm506	58.86806	693.5633	6.707091	26.33559	5.532307	65.09972	21.62379	1.01962	2.600508	0.000159	943.9911	0.32135	223.4967	0.041458	12.91365	0	1
sm507	62.51528	668.8111	6.684122	25.86138	5.495507	64.30722	21.24816	1.049981	2.628493	0.000165	926.9365	0.304704	203.1088	0.043537	12.86677	0	1
sm508	65.88972	732.0837	6.755423	27.05705	5.525487	63.74583	20.9869	1.00924	2.540755	0.00016	865.6454	0.407926	298.2055	0.044356	12.91752	0	1
sm509	71.80806	755.8773	6.782609	27.49322	5.546075	66.23389	21.94695	0.996343	2.574453	0.000153	952.6748	0.372232	282.4424	0.042514	12.98038	0	1
sm510	64.06722	697.2592	6.71666	26.40567	5.51362	62.94722	20.85611	1.06596	2.661127	0.000165	843.5907	0.396738	277.3956	0.044957	12.87283	0	1
sm511	61.91222	849.1537	6.827535	29.14024	5.574268	70.05306	23.16033	0.933012	2.518388	0.000145	1051.389	0.383881	327.5411	0.039563	13.0608	0	1
sm512	68.31472	785.6278	6.79617	28.02905	5.519123	64.29278	21.26423	0.952714	2.492041	0.000155	880.9294	0.437092	342.0162	0.043867	12.96639	0	1
sm513	65.37889	776.7961	6.798343	27.87106	5.53113	62.57639	20.69969	0.898765	2.330818	0.000152	845.256	0.457478	356.3784	0.044138	12.96843	0	1
sm514	69.66722	833.8214	6.845037	28.87597	5.560645	69.09833	22.81991	0.956926	2.559529	0.000144	1052.739	0.368207	306.7664	0.03748	13.06843	0	1
sm515	71.90306	836.6172	6.841904	28.92434	5.549621	71.26528	23.58338	0.908788	2.320115	0.000142	1106.455	0.337968	282.4236	0.037982	13.07486	0	1
sm516	65.72972	772.4724	6.791396	27.79339	5.536491	62.78667	20.86471	0.97978	2.508476	0.000154	855.1452	0.446099	344.3567	0.042307	12.96541	0	1
sm517	64.22083	709.5719	6.729452	26.63779	5.509491	63.30361	20.84434	1.062337	2.691982	0.000166	862.8847	0.390731	276.6883	0.045985	12.87305	0	1
sm518	69.26778	752.2378	6.777554	27.42695	5.546163	68.81611	22.69367	1.03029	2.674961	0.000149	1025.686	0.318079	239.2138	0.037983	13.01254	0	1
sm519	82.87972	719.933	6.749566	26.83157	5.52339	65.96333	21.84845	1.060839	2.707005	0.000159	964.2574	0.331849	239.4576	0.040491	12.93779	0	1
sm520	83.2425	707.4591	6.737156	26.5981	5.510709	65.26694	21.50683	1.079021	2.672426	0.000163	935.7971	0.335386	236.1167	0.044251	12.90352	0	1
sm521	77.84278	705.0973	6.73612	26.55367	5.514749	63.36861	21.04168	1.043329	2.60051	0.000161	874.0165	0.379661	267.459	0.042643	12.91123	0	1
sm522	68.31528	754.5894	6.774196	27.46979	5.54151	67.88167	22.5063	1.033842	2.700335	0.000151	1035.983	0.311861	234.7504	0.039169	12.99991	0	1
sm523	63.08861	771.5317	6.780757	27.77646	5.56927	67.17861	22.19629	0.904566	2.293398	0.000149	959.5522	0.376822	290.1096	0.039203	12.99737	0	1
sm524	66.1475	731.9852	6.751289	27.05523	5.532276	66.42667	22.09609	1.019774	2.663368	0.000154	977.0489	0.331833	242.6169	0.04231	12.96598	0	1
sm525	83.67333	741.4187	6.777247	27.229	5.522994	64.99139	21.38233	1.06832	2.665008	0.000159	918.3943	0.38141	283.1315	0.041658	12.93983	0	1
sm526	80.32472	876.425	6.881178	29.60448	5.561267	67.71194	22.44031	0.912129	2.391041	0.000144	1006.592	0.424868	371.8005	0.041381	13.07555	0	1
sm527	69.0825	746.8537	6.77525	27.32862	5.531882	67.41056	22.33862	1.091834	2.86591	0.000155	1011.002	0.323248	241.4506	0.041731	12.98124	0	1
sm528	72.94556	822.281	6.848913	28.67544	5.54896	66.58972	21.97637	0.911065	2.406251	0.000144	932.9929	0.43427	358.0958	0.041578	13.05099	0	1
sm529	82.40444	601.7202	6.625906	24.52999	5.454457	58.67083	19.33126	1.25627	3.180932	0.000191	742.7174	0.380085	227.6891	0.050572	12.70793	0	1
sm530	78.21583	769.4352	6.796462	27.7387	5.552207	64.56361	21.4673	0.944558	2.416575	0.000154	878.134	0.432041	333.9939	0.044868	12.97056	0	1
sm531	84.12333	788.2876	6.811926	28.07646	5.538708	65.02556	21.61038	0.939761	2.382835	0.000152	902.6636	0.42754	337.0752	0.042106	12.98213	0	1
sm532	71.76778	776.5462	6.805758	27.86658	5.552493	67.13611	22.25276	0.997247	2.607871	0.00015	986.8699	0.364674	283.2288	0.040604	13.01457	0	1
sm533	78.56917	665.0588	6.698776	25.78874	5.515299	61.88583	20.43738	1.129541	2.854718	0.000169	820.3579	0.382675	254.2665	0.043096	12.84477	0	1
sm534	77.21722	710.1401	6.747765	26.64845	5.541394	60.69	20.10051	0.985497	2.485762	0.000162	765.8161	0.462914	330.0275	0.044956	12.89083	0	1
sm535	89.08306	788.7619	6.812496	28.08491	5.542496	64.3925	21.31256	0.894351	2.26745	0.00015	883.2006	0.441574	349.1948	0.041341	12.99692	0	1
sm536	84.33694	864.8492	6.860947	29.40832	5.534808	63.24556	20.98749	0.854563	2.274393	0.00015	827.5876	0.521916	451.7318	0.046561	13.00903	0	1
sm537	81.93389	930.7308	6.925225	30.50788	5.5772	62.99333	20.90254	0.790956	2.150133	0.000143	821.086	0.558745	519.8563	0.044451	13.06877	0	1
sm538	62.37472	731.6725	6.750108	27.04945	5.532063	59.91667	19.9643	1.0549	2.767159	0.000165	765.517	0.478378	351.0274	0.045781	12.89041	0	1
sm539	70.49889	877.716	6.884847	29.62627	5.607416	70.28639	23.21293	0.826879	2.206588	0.000138	1027.442	0.416283	366.3642	0.03989	13.11397	0	1
sm540	73.56972	957.959	6.940582	30.95091	5.592705	65.83722	21.92373	0.777703	2.150779	0.000136	889.1769	0.535719	512.9966	0.044125	13.12928	0	1
sm541	104.9917	814.1144	6.823868	28.53269	5.519702	64.62556	21.25871	1.252437	3.369962	0.000166	887.0731	0.456331	372.2839	0.042958	12.93735	0	1
sm542	131.7678	735.1831	6.762522	27.11426	5.505883	66.51278	21.83915	1.166044	2.983779	0.000167	994.4395	0.322548	236.7354	0.042194	12.90656	0	1

sm543	132.2458	736.9223	6.765713	27.14631	5.510074	65.46528	21.51388	1.172195	3.031153	0.000165	948.7412	0.358991	265.6666	0.042821	12.92817	0	1
sm544	131.8564	712.033	6.741063	26.68395	5.481333	64.84306	21.44243	1.147884	2.85634	0.000166	953.2305	0.332154	237.045	0.044451	12.89323	0	1
sm545	96.86278	1148.853	7.058534	33.89474	5.609216	75.9425	24.97189	0.94632	2.669049	0.000126	1211.826	0.473922	545.8415	0.039379	13.27551	0	1
sm546	109.2756	760.8904	6.786144	27.58424	5.515369	63.41139	21.02864	1.120335	2.890549	0.000163	859.0954	0.432745	327.6915	0.043753	12.91743	0	1
sm547	103.005	1002.127	6.980343	31.65638	5.556817	68.59472	22.54688	0.983012	2.638019	0.00014	993.8529	0.502831	502.585	0.041934	13.14337	0	1
sm548	129.0433	782.5016	6.809136	27.97323	5.521855	62.52611	20.67033	1.14522	2.994722	0.000164	860.6619	0.44933	351.1363	0.043839	12.92552	0	1
sm549	176.7628	2241.945	7.393961	47.34919	5.658806	81.57639	27.35966	1.669779	12.32867	0.000125	1390.715	0.691851	1561.202	0.038873	13.51468	0	1
sm550	138.9908	949.1733	6.933868	30.80866	5.561053	70.985	23.35114	0.971119	2.565181	0.000141	1070.536	0.437336	416.0421	0.040199	13.12585	0	1
sm551	139.4094	796.3519	6.810742	28.21971	5.527457	66.50611	21.97266	1.182776	3.121617	0.000159	960.2432	0.395725	314.4199	0.041535	12.97043	0	1
sm552	78.08111	1174.45	7.076796	34.27025	5.628271	76.60556	25.35206	0.860062	2.527257	0.000123	1213.066	0.48146	563.1607	0.036442	13.29728	0	1
sm553	83.93944	1621.514	7.28488	40.26803	5.693743	86.13111	28.63411	0.60028	2.149148	0.0001	1578.821	0.514011	834.9261	0.034488	13.56768	0	1
sm554	97.68417	1194.124	7.106046	34.5561	5.598647	73.93972	24.29748	0.864469	2.491322	0.000126	1163.972	0.510789	607.6572	0.039314	13.29031	0	1
sm555	108.66	1869.379	7.399255	43.23631	5.689213	87.19806	28.88163	0.751007	2.568676	0.000097	1604.535	0.571887	1071.695	0.032545	13.61	0	1
sm556	138.8767	2903.515	7.668194	53.88428	5.763191	100.9792	33.77237	0.453841	2.155126	0.00008	2200.846	0.622055	1811.174	0.030732	13.87072	0	1
sm557	122.7956	2204.528	7.513452	46.9524	5.721343	89.39333	29.63154	0.617406	2.133447	0.000091	1661.677	0.62297	1372.8	0.03232	13.69017	0	1
sm558	99.35917	1468.351	7.244431	38.31907	5.670042	80.80389	26.76229	0.756681	2.337464	0.000109	1367.159	0.533283	781.0758	0.037194	13.46765	0	1
sm559	91.85611	1649.866	7.321099	40.61854	5.685589	84.34222	28.06676	0.506719	1.880738	0.000099	1494.974	0.547688	905.1046	0.033671	13.56864	0	1
sm560	84.60778	1626.321	7.289807	40.32767	5.692053	86.03972	28.62289	0.581163	2.099586	0.0001	1578.717	0.515683	840.4791	0.034985	13.56498	0	1
sm561	102.0053	986.3581	6.976291	31.40634	5.592822	70.96389	23.34247	0.820437	2.197532	0.000131	1069.841	0.460927	457.3772	0.038299	13.19269	0	1
sm562	67.21472	1709.791	7.195726	41.34962	5.660154	88.97667	29.80169	1.600723	10.69754	0.000117	1716.123	0.497539	849.656	0.03301	13.46208	0	1
sm563	101.9336	1541.777	7.272177	39.26547	5.68751	87.99417	28.95748	0.78826	2.545881	0.000105	1592.141	0.485493	751.1783	0.03452	13.51692	0	1
sm564	91.04833	2354.291	7.517038	48.52103	5.760712	105.5911	35.1943	0.366555	2.295637	0.000081	2329.919	0.504036	1183.92	0.029376	13.8288	0	1
sm565	96.48444	1850.988	7.390811	43.02311	5.754212	97.57389	32.20852	0.494637	2.006017	0.000091	2001.93	0.457394	843.7714	0.030313	13.69424	0	1
sm566	67.22667	2100.503	7.252373	45.83124	5.654695	93.78056	31.60277	3.787394	36.66111	0.000159	1863.404	0.557894	1175.717	0.036448	13.44063	0	1
sm567	81.74222	2296.256	7.4373	47.91927	5.72007	102.6047	34.20965	1.098944	6.564906	0.000101	2221.681	0.518112	1194.346	0.033192	13.70373	0	1
sm568	91.87167	2158.745	7.469864	46.4623	5.774409	104.7378	34.96293	0.446232	2.087352	0.000082	2320.429	0.463162	1000.986	0.025569	13.81179	0	1
sm569	85.22889	1879.239	7.364732	43.35019	5.720498	94.6625	31.57889	0.593864	2.247195	0.000094	1870.561	0.502287	943.8744	0.032888	13.65889	0	1
sm570	114.1344	3046.271	7.713313	55.19304	5.822274	125.2247	41.67853	0.323202	2.107741	0.00007	3231.345	0.467763	1419.952	0.023331	14.02167	0	1
sm571	116.5214	3063.234	7.718027	55.34649	5.823763	123.9161	41.23212	0.38144	2.200595	0.000069	3233.522	0.470691	1437.712	0.022704	14.0299	0	1
sm572	89.75333	3198.199	7.630259	56.55262	5.761042	113.8744	38.16763	2.023269	17.04372	0.000087	2684.498	0.580996	1861.18	0.028962	13.85477	0	1
sm573	92.27917	2508.071	7.518427	50.08065	5.752459	106.2686	35.61517	1.055411	6.482285	0.000092	2374.857	0.528069	1328.677	0.028794	13.78931	0	1
sm574	72.38944	2287.027	7.330627	47.82287	5.681897	100.1492	33.78857	3.625351	34.81708	0.000134	2115.033	0.53877	1235.301	0.035577	13.54018	0	1
sm575	113.4414	2631.504	7.620653	51.29819	5.787525	114.9603	38.10868	0.392335	2.09087	0.000075	2845.024	0.455874	1191.793	0.025205	13.93106	0	1
sm576	100.0053	2177.81	7.46739	46.66701	5.734964	99.37222	33.00106	0.630187	2.435056	0.000089	2079.862	0.520119	1127.128	0.029706	13.73515	0	1
sm577	77.23444	1897.366	7.328084	43.55877	5.699332	91.17333	30.48463	0.848165	4.269253	0.000103	1728.003	0.546268	1040.209	0.033181	13.57831	0	1
sm578	98.65194	2102.562	7.468519	45.8537	5.744189	99.41167	33.00642	0.473115	2.056429	0.000086	2081.229	0.501451	1046.671	0.028648	13.75742	0	1
sm579	109.4261	2014.161	7.452867	44.8794	5.748455	100.4647	33.1548	0.697104	2.485392	0.000088	2102.813	0.478609	965.1363	0.029609	13.74335	0	1
sm580	82.86222	874.45	6.879742	29.5711	5.545935	68.16444	22.49737	1.037535	2.709054	0.000149	1011.756	0.423516	371.6444	0.042207	13.04395	0	1
sm581	86.33917	1205.718	7.109441	34.72346	5.65328	80.52028	26.5595	0.840352	2.462918	0.000118	1383.418	0.42656	514.5355	0.036022	13.36443	0	1
sm582	90.675	1175.802	7.089775	34.28997	5.620165	79.62194	26.32944	0.828631	2.321692	0.000118	1380.931	0.41227	484.3355	0.036339	13.35028	0	1
sm583	130.5744	983.9578	6.97001	31.3681	5.576327	68.87278	22.59257	0.928659	2.497489	0.00014	1005.835	0.488585	480.4667	0.042664	13.13753	0	1
sm584	115.8333	928.0345	6.930473	30.46366	5.565529	65.93583	21.71645	0.911987	2.461664	0.000141	939.2553	0.495652	461.5304	0.042369	13.11108	0	1
sm585	130.4586	995.866	6.983503	31.55735	5.585441	71.2225	23.32557	0.873606	2.343313	0.000132	1107.311	0.444375	442.8	0.038721	13.20088	0	1
sm586	102.7339	877.3612	6.877973	29.62028	5.525555	63.50889	20.97303	1.135218	3.102762	0.000159	860.1921	0.509047	445.9467	0.044191	12.98705	0	1
sm587	107.3181	1044.062	7.008328	32.31196	5.579394	69.06444	22.81665	0.804347	2.250464	0.000134	1001.986	0.520929	544.7669	0.041672	13.18187	0	1
sm588	133.8581	878.4869	6.879461	29.63928	5.547828	68.7225	22.67068	1.104122	2.902268	0.000151	1003.67	0.429114	377.2117	0.040456	13.0409	0	1

sm589	137.0714	1687.848	7.331279	41.08343	5.719081	96.605	31.93937	0.801348	2.589053	0.000097	2049.549	0.392402	661.8249	0.028035	13.62785	0	1
sm590	121.8833	1420.677	7.204618	37.69186	5.656321	86.03028	28.45711	0.783746	2.332356	0.000109	1598.797	0.439683	627.2903	0.035114	13.46619	0	1
sm591	139.5411	1073.759	7.030038	32.76827	5.606931	75.09389	24.74986	0.958844	2.676449	0.000129	1216.807	0.432094	462.9062	0.037783	13.24925	0	1
sm592	127.0378	824.9205	6.843813	28.72143	5.552397	70.24333	23.10263	1.089302	2.844919	0.000151	1071.144	0.348319	286.2597	0.038762	13.02664	0	1
sm593	131.2642	957.4281	6.94644	30.94234	5.583853	76.56361	25.27403	0.98015	2.578975	0.000133	1308.543	0.315958	302.2067	0.037193	13.19217	0	1
sm594	135.5656	926.8654	6.929101	30.44446	5.608735	75.52417	24.94078	0.934556	2.479526	0.000134	1259.397	0.318407	294.1642	0.036001	13.17667	0	1
sm595	113.4989	1112.817	7.048297	33.35891	5.615008	80.80389	26.61568	0.904878	2.538524	0.000123	1448.027	0.348095	386.598	0.0353	13.31043	0	1
sm596	107.7939	1043.701	7.015571	32.30636	5.627486	79.83194	26.16239	0.940974	2.556449	0.000125	1395.843	0.335092	351.729	0.036587	13.27602	0	1
sm597	95.20667	1243.81	7.133412	35.26769	5.631058	84.195	27.70032	0.794208	2.258247	0.000114	1556.01	0.375239	467.2801	0.035225	13.40436	0	1
sm598	101.1144	1077.496	7.040975	32.82524	5.610628	79.88056	26.40919	0.88442	2.396539	0.000121	1408.151	0.343181	367.8726	0.035283	13.30971	0	1
sm599	87.41	1390.622	7.191755	37.29104	5.663132	87.12167	28.71645	0.747046	2.24063	0.000108	1614.317	0.420315	585.251	0.034218	13.4809	0	1
sm600	91.97917	1482.148	7.239602	38.49868	5.704739	89.41889	29.61037	0.650414	2.072675	0.000102	1710.828	0.423019	627.1556	0.032512	13.5446	0	1
sm601	61.355	731.6989	6.739081	27.04993	5.558275	65.20722	21.70522	0.943055	2.354296	0.000155	941.8203	0.356185	260.5273	0.041522	12.94679	0	1
sm602	58.08889	728.9563	6.734957	26.99919	5.549237	64.98528	21.5952	0.93478	2.352359	0.000154	916.2817	0.37166	270.9881	0.04072	12.94509	0	1
sm603	57.95444	816.2874	6.778734	28.57075	5.571918	69.82361	23.25503	0.890837	2.405184	0.000145	1077.317	0.3415	279.3497	0.038586	13.0356	0	1
sm604	57.11417	694.7208	6.698004	26.35756	5.527827	64.66194	21.47486	1.076083	2.738786	0.000165	913.2013	0.34536	240.8831	0.043426	12.87538	0	1
sm605	54.56833	637.2429	6.638473	25.24367	5.501568	61.25361	20.37454	1.026233	2.536724	0.00017	810.3801	0.3653	233.2059	0.043463	12.80391	0	1
sm606	58.855	671.0743	6.688424	25.9051	5.508721	63.6325	21.11624	1.04001	2.610192	0.000164	894.9043	0.334777	225.1831	0.043224	12.86844	0	1
sm607	62.50583	644.6652	6.656222	25.39026	5.47993	62.33528	20.64902	1.070936	2.607298	0.000173	872.439	0.321015	206.2384	0.044944	12.80062	0	1
sm608	65.8675	704.8396	6.728054	26.54882	5.514974	61.67917	20.34999	1.082868	2.727638	0.000168	809.6159	0.42472	298.8629	0.046558	12.86168	0	1
sm609	71.78806	730.4655	6.75546	27.02713	5.536159	64.44806	21.36669	0.989963	2.515144	0.000159	899.9729	0.386457	283.4363	0.043744	12.92724	0	1
sm610	64.06806	674.5136	6.696786	25.9714	5.507473	61.25944	20.31205	1.069013	2.646228	0.000167	797.6309	0.41019	277.3605	0.045476	12.8508	0	1
sm611	61.87528	828.2176	6.814326	28.77877	5.570713	68.63194	22.70028	0.937725	2.509949	0.000147	1006.999	0.394921	328.6219	0.041831	13.03435	0	1
sm612	68.30389	763.2875	6.783154	27.62766	5.521372	62.54083	20.73375	0.914616	2.30138	0.000156	834.5813	0.451208	343.0892	0.044745	12.94574	0	1
sm613	65.33722	751.0377	6.772479	27.40507	5.539295	60.73167	20.11272	0.902117	2.267614	0.000155	790.7575	0.475049	357.7938	0.042692	12.93331	0	1
sm614	69.63972	808.824	6.827004	28.43983	5.55385	67.23056	22.24988	0.954257	2.51035	0.000145	998.1246	0.382141	308.6668	0.040255	13.04377	0	1
sm615	71.88	811.5688	6.831884	28.48805	5.561556	69.67139	23.05414	0.940302	2.376757	0.000144	1054.668	0.349614	283.4678	0.037136	13.05593	0	1
sm616	65.70167	749.0068	6.7746	27.36799	5.532085	61.19083	20.30446	1.013895	2.643473	0.00016	809.5923	0.459174	343.6814	0.045308	12.92511	0	1
sm617	64.20583	686.4575	6.711063	26.20033	5.501883	61.56972	20.27305	1.078179	2.705267	0.00017	811.2097	0.408068	279.6174	0.044717	12.84125	0	1
sm618	69.26389	730.1037	6.758969	27.02043	5.551624	67.14667	22.19028	1.047761	2.686829	0.000154	977.5469	0.330123	240.8736	0.03846	12.97381	0	1
sm619	82.8725	698.6831	6.734375	26.43261	5.513857	64.36194	21.35139	1.062039	2.633691	0.000163	918.1204	0.344491	241.2508	0.043516	12.90044	0	1
sm620	83.24528	680.283	6.703204	26.08224	5.484572	63.26389	20.8688	1.176708	2.999022	0.000174	879.1109	0.35077	237.4859	0.044896	12.8272	0	1
sm621	77.82861	680.4377	6.710134	26.0852	5.508632	61.42056	20.46665	1.089224	2.743901	0.000168	821.3496	0.395786	269.0095	0.046201	12.85544	0	1
sm622	68.26722	733.9041	6.760478	27.09067	5.518253	66.2975	22.01046	1.028358	2.629486	0.000154	992.2442	0.322441	236.0975	0.042991	12.9725	0	1
sm623	63.07694	748.9907	6.753676	27.3677	5.537796	65.52889	21.71444	0.970982	2.574759	0.000155	914.2675	0.388466	290.3857	0.041985	12.94893	0	1
sm624	66.16833	704.0639	6.722326	26.5342	5.529136	64.50444	21.47824	1.057046	2.818026	0.000161	918.0848	0.347316	244.2724	0.040902	12.90952	0	1
sm625	83.68417	720.4807	6.758015	26.84177	5.516422	63.46639	20.89612	1.149904	2.985277	0.000166	873.2889	0.394848	284.9007	0.043696	12.89946	0	1
sm626	80.32472	855.1163	6.867301	29.24237	5.536764	66.40083	22.01888	0.922857	2.40751	0.000147	964.9444	0.435014	371.4814	0.0419	13.04974	0	1
sm627	69.0675	723.5378	6.744868	26.89866	5.518391	65.96861	21.81372	1.068876	2.713296	0.000159	962.5438	0.334947	242.3873	0.042182	12.94585	0	1
sm628	72.93944	803.619	6.823052	28.34818	5.552897	65.27111	21.5555	0.938832	2.448649	0.00015	895.0487	0.444359	357.895	0.042466	13.00416	0	1
sm629	82.33861	581.8895	6.602896	24.12239	5.430082	57.16333	18.85268	1.289188	3.371839	0.0002	702.9168	0.393569	228.0934	0.051052	12.64284	0	1
sm630	78.19194	746.9709	6.772648	27.33077	5.545847	62.91583	20.96495	0.972176	2.476028	0.000156	831.3177	0.446259	334.9789	0.046674	12.94062	0	1
sm631	84.10417	769.531	6.793262	27.74042	5.533401	63.71583	21.17793	0.95925	2.393154	0.000156	865.1447	0.437558	336.5244	0.043497	12.95423	0	1
sm632	71.71611	755.0719	6.782246	27.47857	5.531058	65.70167	21.75826	1.023178	2.693277	0.000154	941.8342	0.376282	284.0992	0.04133	12.97661	0	1
sm633	78.56194	635.8706	6.66524	25.21647	5.494104	59.69972	19.73181	1.142051	2.850969	0.000177	759.6335	0.402261	255.6058	0.046045	12.78398	0	1
sm634	77.18111	687.8522	6.718603	26.22694	5.510001	59.06972	19.56616	1.031895	2.644602	0.000168	719.4653	0.478768	330.4259	0.047355	12.83987	0	1

sm635	89.04667	762.144	6.790119	27.60696	5.538663	62.49833	20.70747	0.955061	2.47216	0.000154	826.5006	0.458839	350.3863	0.043242	12.9621	0	1
sm636	84.355	837.855	6.835074	28.94573	5.527933	61.28333	20.38833	0.85972	2.249839	0.000154	773.4574	0.538539	451.3247	0.046872	12.9631	0	1
sm637	81.91889	906.2229	6.903344	30.10354	5.53792	61.03556	20.31313	0.80525	2.15969	0.000149	770.2642	0.574848	520.7367	0.047492	13.02024	0	1
sm638	62.355	710.6186	6.728548	26.65743	5.515244	58.47472	19.46413	1.087937	2.894984	0.000173	724.2404	0.491866	350.5265	0.048822	12.83143	0	1
sm639	70.48194	850.4115	6.86042	29.16182	5.594123	68.51694	22.64139	0.881244	2.34435	0.000142	970.0125	0.431006	367.3862	0.0392	13.08055	0	1
sm640	73.53806	933.2283	6.920821	30.54879	5.579455	64.07722	21.34099	0.829988	2.288784	0.000143	836.4623	0.551673	514.6389	0.043961	13.0744	0	1
sm641	104.9736	788.0752	6.797325	28.07268	5.486292	62.63806	20.60915	1.254673	3.265233	0.000173	827.9253	0.475126	374.7271	0.045452	12.88117	0	1
sm642	131.7694	702.8354	6.729946	26.51104	5.483967	64.20611	21.11371	1.159585	2.900287	0.000172	926.7457	0.339669	238.3551	0.044555	12.85312	0	1
sm643	132.2892	712.5324	6.741762	26.6933	5.504842	63.80111	20.94374	1.16954	2.956666	0.00017	898.9147	0.372352	266.6408	0.044011	12.87037	0	1
sm644	131.8172	692.2228	6.729205	26.31013	5.486486	63.65194	20.9762	1.148852	2.814251	0.000171	910.4549	0.343536	238.226	0.046637	12.8697	0	1
sm645	96.82528	1118.415	7.047975	33.44272	5.614128	74.13	24.3967	0.996282	2.904902	0.000129	1149.633	0.487304	546.3472	0.039177	13.24966	0	1
sm646	109.2694	737.3472	6.754226	27.15414	5.469876	61.72556	20.47581	1.188244	3.115211	0.00017	810.9725	0.447307	328.1687	0.047878	12.86614	0	1
sm647	103.015	979.4141	6.969355	31.29559	5.571345	66.98861	22.06709	0.989344	2.642782	0.000144	947.2933	0.514849	502.6405	0.042969	13.10715	0	1
sm648	129.0692	755.9016	6.786327	27.49366	5.491605	60.5625	20.04884	1.206038	3.228416	0.000169	805.2838	0.466421	351.9635	0.047012	12.89341	0	1
sm649	176.8444	2221.441	7.385936	47.13216	5.655955	80.31917	26.91825	1.916302	14.66753	0.000133	1338.943	0.70064	1566.872	0.04102	13.49429	0	1
sm650	138.9686	926.4666	6.91952	30.43792	5.582779	69.42611	22.8523	1.008654	2.692053	0.000143	1023.926	0.448724	416.7248	0.042228	13.10419	0	1
sm651	139.4069	768.6226	6.787134	27.72404	5.513397	64.39833	21.33367	1.173775	3.069654	0.000165	901.2769	0.412395	316.2688	0.044114	12.91589	0	1
sm652	78.03028	1152.417	7.06646	33.94727	5.631948	75.14083	24.91689	0.821504	2.304389	0.000124	1169.324	0.490691	563.2888	0.040563	13.28544	0	1
sm653	83.91556	1594.194	7.275219	39.92736	5.684195	84.65639	28.17102	0.60264	2.118597	0.000102	1522.026	0.523325	835.4914	0.034641	13.54851	0	1
sm654	97.67139	1162.585	7.078415	34.0967	5.59115	72.08944	23.68545	0.849353	2.374552	0.000128	1099.731	0.525114	608.0232	0.041591	13.25113	0	1
sm655	108.6372	1844.077	7.388383	42.94272	5.683209	85.73611	28.41159	0.679375	2.162383	0.000099	1551.138	0.580456	1073.033	0.034527	13.59696	0	1
sm656	138.8869	2886.073	7.659943	53.72218	5.751921	100.0194	33.45317	0.452019	2.243856	0.000082	2162.089	0.626441	1812.864	0.032173	13.85368	0	1
sm657	122.8086	2179.861	7.495725	46.68899	5.701376	88.09306	29.22369	0.633673	2.204322	0.000093	1608.469	0.630857	1374.416	0.034023	13.66754	0	1
sm658	99.34139	1442.073	7.224616	37.97463	5.65644	79.13639	26.26113	0.751619	2.28043	0.000111	1309.288	0.544782	783.4466	0.037835	13.43736	0	1
sm659	91.86083	1621.601	7.303202	40.26911	5.68168	82.94	27.57184	0.549152	1.980544	0.000102	1437.417	0.55743	905.2365	0.03463	13.54441	0	1
sm660	84.57833	1600.231	7.278509	40.00288	5.694921	84.60083	28.16016	0.588468	2.083855	0.000101	1523.535	0.524966	841.8377	0.034672	13.54737	0	1
sm661	102.0011	960.6852	6.956796	30.99492	5.58158	69.26306	22.81092	0.877088	2.365551	0.000136	1014.806	0.474844	458.7912	0.039601	13.15383	0	1
sm662	67.1025	1695.447	7.179595	41.1758	5.663816	88.06333	29.47774	2.179532	16.60265	0.00013	1674.324	0.505482	855.7234	0.034569	13.43779	0	1
sm663	101.9194	1515.359	7.274324	38.92762	5.684381	86.38694	28.50248	0.718344	2.266112	0.000104	1541.111	0.493213	749.9178	0.034975	13.52004	0	1
sm664	91.00306	2327.927	7.4921	48.2486	5.751887	104.5789	34.80362	0.537074	2.605492	0.000086	2270.904	0.51106	1186.819	0.028533	13.77225	0	1
sm665	96.47972	1820.083	7.377491	42.66243	5.740628	96.14944	31.7398	0.525786	1.998703	0.000091	1939.402	0.465371	844.082	0.03044	13.6863	0	1
sm666	67.11333	2086.119	7.243942	45.67406	5.639453	92.81556	31.32507	4.119191	40.97268	0.00018	1826.059	0.563796	1180.097	0.040385	13.40832	0	1
sm667	81.64222	2273.815	7.413377	47.68453	5.719815	101.5119	33.85443	1.709261	11.96009	0.00011	2168.556	0.524998	1198.405	0.033344	13.66448	0	1
sm668	91.84444	2127.552	7.447019	46.1254	5.761443	103.5019	34.54111	0.522965	2.307998	0.000085	2257.397	0.470101	1001.328	0.028513	13.77209	0	1
sm669	85.20833	1849.413	7.353184	43.0048	5.715359	93.38972	31.11988	0.639026	2.347843	0.000095	1808.481	0.510982	944.8535	0.03186	13.63956	0	1
sm670	114.0914	3014.627	7.69348	54.90562	5.831266	124.0906	41.30368	0.33945	2.10353	0.000071	3164.594	0.473139	1420.957	0.023993	13.99708	0	1
sm671	116.4886	3037.294	7.699006	55.11165	5.829756	122.6375	40.84153	0.365342	2.116664	0.000071	3168.687	0.47677	1443.66	0.023365	13.99507	0	1
sm672	89.65972	3178.893	7.616127	56.38167	5.763284	112.8033	37.85297	2.333972	19.65573	0.000092	2633.223	0.586512	1867.549	0.031342	13.84253	0	1
sm673	92.22306	2485.38	7.494951	49.85359	5.733736	105.09	35.24384	1.496167	10.36612	0.000098	2321.821	0.534412	1332.518	0.031466	13.74397	0	1
sm674	72.27056	2271.962	7.312179	47.6651	5.663578	99.16139	33.52581	4.569221	47.95511	0.000164	2077.546	0.544012	1239.299	0.03836	13.51086	0	1
sm675	113.3989	2599.937	7.618539	50.98958	5.778099	113.6731	37.68409	0.339568	2.00772	0.000076	2776.884	0.462212	1193.324	0.027658	13.91296	0	1
sm676	99.94944	2148.654	7.462999	46.35358	5.734507	97.90694	32.52612	0.568994	2.23549	0.00009	2015.849	0.528587	1130.166	0.03193	13.71912	0	1
sm677	77.17611	1872.428	7.317028	43.27156	5.671825	89.85333	30.06649	0.808054	3.844552	0.000103	1671.743	0.555352	1043.976	0.033754	13.57472	0	1
sm678	98.61639	2078.458	7.452259	45.59011	5.744451	98.23944	32.64227	0.439893	1.955957	0.000086	2033.803	0.507223	1046.713	0.029161	13.75648	0	1
sm679	109.4014	1980.389	7.438597	44.50156	5.738577	99.07806	32.68012	0.711279	2.372238	0.00009	2035.857	0.486668	965.0534	0.029695	13.72009	0	1
sm680	82.85778	850.7339	6.863652	29.16734	5.550758	66.53139	21.95877	1.042589	2.711871	0.000151	958.2265	0.438506	374.1694	0.044115	13.02543	0	1

sm681	86.29083	1178.033	7.090219	34.32249	5.648304	78.80389	26.03447	0.815856	2.330437	0.000119	1326.131	0.437472	515.659	0.036114	13.34528	0	1
sm682	90.66278	1150.24	7.074099	33.91519	5.61994	77.96944	25.83649	0.815049	2.236512	0.000122	1325.925	0.423168	486.3532	0.038004	13.31833	0	1
sm683	130.5831	956.9984	6.952769	30.93539	5.576261	67.07556	22.05918	0.935376	2.445899	0.000142	951.89	0.502307	480.3582	0.043525	13.10204	0	1
sm684	115.82	904.899	6.903904	30.08154	5.553671	64.32389	21.20453	0.964684	2.587796	0.000149	891.1647	0.509111	462.1224	0.04369	13.04274	0	1
sm685	130.4408	968.1226	6.957885	31.11467	5.57272	69.61361	22.77804	0.905735	2.423286	0.000138	1050.923	0.457592	443.2959	0.040023	13.14598	0	1
sm686	102.7442	854.7923	6.86748	29.23683	5.531774	61.79167	20.46705	1.090674	2.871944	0.000158	815.2073	0.52242	445.8738	0.046253	12.97942	0	1
sm687	107.2856	1024.068	6.984556	32.00106	5.557134	67.81278	22.43243	0.852489	2.344513	0.000139	962.7439	0.530426	543.7528	0.042064	13.1382	0	1
sm688	133.8458	854.9857	6.848921	29.24014	5.537339	67.33667	22.17968	1.154767	3.075356	0.000156	956.9883	0.440749	377.1037	0.042346	13.00384	0	1
sm689	137.0697	1659.87	7.317361	40.74151	5.717334	95.19917	31.4852	0.756577	2.402001	0.000099	1991.8	0.399491	662.5269	0.030867	13.596	0	1
sm690	121.8903	1389.52	7.188764	37.27626	5.659727	84.265	27.91263	0.782805	2.269869	0.000112	1537.248	0.449348	627.2198	0.033223	13.43635	0	1
sm691	139.4958	1050.984	7.018635	32.41888	5.614908	73.68472	24.31477	0.929445	2.548435	0.000128	1172.564	0.441061	462.6383	0.038497	13.25241	0	1
sm692	127.0319	801.2829	6.826468	28.30694	5.559577	68.61444	22.5969	1.092332	2.851015	0.000152	1021.335	0.360159	287.4488	0.041498	13.01292	0	1
sm693	131.2344	928.5535	6.921768	30.47218	5.594198	74.95583	24.70792	0.985717	2.531166	0.000138	1248.398	0.327468	303.9336	0.036343	13.14529	0	1
sm694	135.5483	900.6667	6.902439	30.01111	5.580346	74.02833	24.43221	0.936882	2.397757	0.000138	1206.808	0.32766	294.064	0.037404	13.12978	0	1
sm695	113.4739	1081.111	7.029277	32.88025	5.628581	79.11444	26.0288	0.890904	2.411445	0.000125	1381.909	0.359581	387.9562	0.033454	13.28587	0	1
sm696	107.7714	1021.686	6.997417	31.96383	5.609334	78.62167	25.74325	1.015522	2.780188	0.000132	1349.509	0.343228	352.6249	0.03672	13.2265	0	1
sm697	95.20056	1215.203	7.102055	34.85976	5.647322	82.62056	27.19066	0.822192	2.316215	0.000116	1495.768	0.385128	468.4402	0.03324	13.37344	0	1
sm698	101.1181	1053.241	7.025619	32.45368	5.61709	78.18278	25.94564	0.879564	2.365803	0.000124	1356.081	0.352672	369.4039	0.035159	13.27943	0	1
sm699	87.38083	1366.887	7.180975	36.97143	5.674078	86.05694	28.32363	0.74861	2.18527	0.000109	1566.711	0.427708	585.4495	0.033235	13.45763	0	1
sm700	91.97889	1453.368	7.226248	38.12307	5.691322	87.9375	29.12617	0.654385	2.126833	0.000103	1649.928	0.432388	628.4303	0.032806	13.5184	0	1
sm701	61.31306	727.0615	6.730059	26.96408	5.54713	65.01333	21.61297	0.988085	2.466282	0.000158	930.624	0.35986	261.5789	0.039698	12.92148	0	1
sm702	58.11111	737.2813	6.73237	27.15293	5.528388	65.65417	21.76303	1.036068	2.761432	0.000159	934.5579	0.36653	270.3706	0.042214	12.9237	0	1
sm703	57.95111	822.0843	6.786791	28.67201	5.58102	70.19917	23.38141	0.875407	2.314021	0.000145	1092.241	0.33709	277.7025	0.037941	13.03783	0	1
sm704	57.11361	704.3458	6.699264	26.53951	5.539692	65.53139	21.70838	1.046155	2.642613	0.00016	933.6529	0.339958	240.4411	0.042144	12.89823	0	1
sm705	54.56222	641.9328	6.648705	25.33639	5.502316	61.72667	20.49767	1.008537	2.453033	0.00017	820.5178	0.362201	232.9824	0.043353	12.81084	0	1
sm706	58.87167	669.0155	6.685182	25.86533	5.504544	63.47028	21.08186	1.041427	2.593603	0.000164	886.2627	0.338657	226.9162	0.042016	12.86839	0	1
sm707	62.49083	648.0927	6.663797	25.45767	5.485786	62.465	20.7363	1.105025	2.788682	0.000174	879.1679	0.319032	205.9443	0.045049	12.81647	0	1
sm708	65.87722	702.9441	6.731085	26.51309	5.527726	61.60861	20.33795	1.048324	2.625372	0.000166	808.3411	0.42421	297.7704	0.042519	12.87266	0	1
sm709	71.79639	735.6015	6.756968	27.12197	5.539955	64.74667	21.50436	0.954453	2.390552	0.000156	911.1517	0.383219	283.0591	0.043907	12.93992	0	1
sm710	64.07722	679.829	6.699678	26.07353	5.520654	61.57694	20.42423	1.083862	2.717524	0.000169	807.21	0.407054	277.0723	0.044082	12.84322	0	1
sm711	61.86222	827.8293	6.81795	28.77202	5.579504	68.71778	22.70164	0.988808	2.702322	0.000147	1006.35	0.39501	328.5336	0.040104	13.03938	0	1
sm712	68.28556	766.3158	6.785752	27.68241	5.517566	62.92139	20.83566	0.940796	2.393011	0.000158	845.0362	0.446537	340.8905	0.044674	12.93062	0	1
sm713	65.34417	756.652	6.770088	27.50731	5.532634	61.03806	20.23924	0.945135	2.463073	0.000158	803.0287	0.471159	357.7201	0.045926	12.92215	0	1
sm714	69.63306	811.3282	6.835136	28.48382	5.576176	67.5175	22.28922	0.928093	2.394159	0.000142	1002.047	0.38133	308.8166	0.037897	13.0748	0	1
sm715	71.85917	818.1505	6.828417	28.60333	5.553105	70.13944	23.23832	0.930111	2.401127	0.000142	1070.288	0.345156	282.0643	0.038634	13.06948	0	1
sm716	65.70306	754.0127	6.771554	27.45929	5.530841	61.4675	20.43171	1.001789	2.593703	0.00016	822.6709	0.454555	342.7931	0.044292	12.91923	0	1
sm717	64.21056	689.7289	6.717976	26.26269	5.504717	61.49556	20.36095	1.046529	2.576042	0.000168	819.9121	0.405377	279.4826	0.045314	12.86059	0	1
sm718	69.24417	726.6597	6.757568	26.95663	5.556186	66.64139	22.10264	1.020262	2.573654	0.000155	971.8466	0.331281	240.7247	0.03959	12.96055	0	1
sm719	82.89694	701.1917	6.73586	26.48002	5.504088	64.595	21.39751	1.071497	2.732199	0.000162	922.0616	0.343395	241.1122	0.043986	12.91194	0	1
sm720	83.26556	682.1195	6.702808	26.11742	5.487787	63.52944	20.91171	1.141496	2.902218	0.000173	884.2965	0.348486	236.4994	0.045799	12.835	0	1
sm721	77.81278	681.2786	6.702208	26.10132	5.495734	61.65222	20.49892	1.06216	2.627134	0.000169	825.37	0.393516	267.7697	0.045768	12.84381	0	1
sm722	68.26694	737.6561	6.759546	27.15983	5.525147	66.70611	22.15111	1.052241	2.715744	0.000154	1000.397	0.320325	235.7388	0.039455	12.97499	0	1
sm723	63.05833	754.8402	6.775609	27.47436	5.544723	65.57889	21.82458	0.890645	2.251074	0.000149	927.8349	0.384118	289.339	0.040372	12.98821	0	1
sm724	66.16889	706.3688	6.737453	26.5776	5.533515	64.76833	21.57318	0.9802	2.49408	0.000156	922.6824	0.346258	244.3519	0.040691	12.93762	0	1
sm725	83.6675	723.1756	6.761677	26.89193	5.511268	63.73722	20.96258	1.168744	3.103907	0.000165	876.1627	0.395005	286.0265	0.043341	12.90623	0	1
sm726	80.31611	857.077	6.86943	29.27588	5.540468	66.57083	22.04346	0.900014	2.348974	0.000145	969.4194	0.433932	371.5643	0.043725	13.06	0	1

sm727	69.07361	725.4264	6.75708	26.93374	5.529139	65.81972	21.8306	1.067445	2.700955	0.000158	966.5299	0.333427	241.7346	0.041369	12.9462	0	1
sm728	72.94444	802.6215	6.825641	28.33058	5.559003	65.17778	21.50775	0.916414	2.335608	0.000149	890.4347	0.446361	358.9477	0.041499	13.01299	0	1
sm729	82.32278	582.2976	6.589177	24.13084	5.445756	57.25639	18.86678	1.274579	3.225886	0.000201	704.4686	0.39304	228.0916	0.050043	12.64041	0	1
sm730	78.21806	743.4843	6.765691	27.26691	5.552627	62.80028	20.87938	0.999952	2.601161	0.000159	823.866	0.448767	335.3611	0.045543	12.91976	0	1
sm731	84.1	770.3306	6.792784	27.75483	5.534312	63.62139	21.2014	0.982053	2.451125	0.000157	870.269	0.434829	334.7821	0.043716	12.94957	0	1
sm732	71.71222	756.0478	6.778295	27.49632	5.547285	65.60583	21.75742	1.059935	2.752486	0.000155	941.1167	0.377046	284.8074	0.04092	12.97424	0	1
sm733	78.56472	638.811	6.666892	25.27471	5.500549	59.80444	19.79428	1.161838	2.913044	0.000179	765.0626	0.400932	256.0124	0.046834	12.78023	0	1
sm734	77.18	689.3535	6.715968	26.25554	5.529321	58.96139	19.5904	1.006842	2.568259	0.000168	722.193	0.477764	330.3472	0.045169	12.83678	0	1
sm735	89.01361	768.3585	6.802555	27.71928	5.523347	62.95722	20.88338	0.916612	2.299791	0.000152	842.5165	0.452959	348.8087	0.04348	12.97218	0	1
sm736	84.36028	837.5509	6.834288	28.94047	5.541178	61.16806	20.36464	0.899153	2.371309	0.000156	771.6962	0.539492	452.0267	0.045861	12.95105	0	1
sm737	81.90111	910.2181	6.909113	30.16982	5.549612	61.13194	20.41977	0.82355	2.284997	0.000148	779.9341	0.571426	519.9513	0.046803	13.03271	0	1
sm738	62.34917	711.9011	6.727272	26.68148	5.509278	58.57194	19.5115	1.061604	2.768689	0.000171	727.8566	0.490029	349.697	0.047799	12.83959	0	1
sm739	70.48583	847.1168	6.850602	29.10527	5.579979	68.13889	22.54771	0.876943	2.310017	0.000144	958.1994	0.435647	369.8364	0.041309	13.05664	0	1
sm740	73.51111	939.4175	6.929352	30.64992	5.571759	64.46278	21.48799	0.806685	2.292408	0.00014	849.949	0.547704	514.6196	0.043444	13.09753	0	1
sm741	104.9803	791.702	6.804915	28.1372	5.49292	62.84389	20.72757	1.230087	3.19075	0.00017	840.4715	0.46974	372.2738	0.047015	12.89923	0	1
sm742	131.7383	705.8721	6.730587	26.56825	5.498191	64.44333	21.19577	1.208739	3.125889	0.00017	935.0678	0.336809	237.4419	0.043166	12.87268	0	1
sm743	132.2886	708.8067	6.730389	26.62342	5.480321	63.48222	20.82586	1.246165	3.292916	0.000175	889.9193	0.375573	267.6295	0.045976	12.84776	0	1
sm744	131.8058	690.3638	6.721666	26.27478	5.489503	63.46861	20.94805	1.176347	2.945897	0.000171	906.095	0.344881	238.5027	0.043544	12.86238	0	1
sm745	96.81278	1113.618	7.042786	33.37091	5.610574	74.00194	24.34313	0.92953	2.640528	0.000127	1140.711	0.489085	545.9859	0.039955	13.26046	0	1
sm746	109.3169	737.692	6.757585	27.16049	5.493933	61.85778	20.519	1.246313	3.448028	0.000173	815.4389	0.444855	326.7177	0.045156	12.85462	0	1
sm747	102.9981	982.2892	6.975388	31.34149	5.572001	67.30333	22.15977	0.985211	2.601319	0.000143	954.871	0.512632	502.185	0.043344	13.11369	0	1
sm748	129.0633	763.168	6.794851	27.6255	5.502324	61.04833	20.20822	1.145943	2.973689	0.000166	820.643	0.461134	351.1327	0.043821	12.90077	0	1
sm749	176.8644	2222.436	7.391772	47.14272	5.644632	80.17639	26.87914	1.399638	9.642225	0.000129	1336.151	0.701378	1569.118	0.040827	13.4905	0	1
sm750	138.9336	925.6141	6.920042	30.42391	5.56965	69.3975	22.8669	1.003045	2.627629	0.000143	1025.277	0.4478	415.7181	0.040406	13.09944	0	1
sm751	139.4214	766.9852	6.785928	27.6945	5.528616	64.40278	21.29699	1.213738	3.330696	0.000165	898.2937	0.413346	316.4604	0.041913	12.92734	0	1
sm752	78.02222	1154.895	7.06354	33.98374	5.618288	75.59861	24.99156	0.828774	2.411688	0.000123	1181.902	0.486331	559.4994	0.038571	13.29413	0	1
sm753	83.92444	1593.625	7.270953	39.92023	5.700967	84.74778	28.16105	0.599815	2.087179	0.000102	1523.448	0.522695	834.1598	0.034454	13.53879	0	1
sm754	97.66639	1156.235	7.077233	34.00345	5.583207	71.50889	23.56113	0.853336	2.44929	0.000129	1084.686	0.528969	609.0519	0.040108	13.24913	0	1
sm755	108.6819	1840.489	7.38654	42.90092	5.693572	85.79417	28.39789	0.727376	2.310545	0.000099	1549.147	0.580334	1071.115	0.032578	13.59157	0	1
sm756	138.8875	2894.995	7.648926	53.80516	5.74168	100.2314	33.54653	0.566036	2.409978	0.000084	2177.96	0.624915	1814.306	0.032209	13.83718	0	1
sm757	122.8111	2176.489	7.490321	46.65286	5.723381	88.19167	29.21546	0.690776	2.446176	0.000093	1605	0.631102	1372.899	0.033089	13.67149	0	1
sm758	99.38472	1442.275	7.228736	37.97729	5.661141	79.01167	26.20536	0.739161	2.257682	0.000109	1307.603	0.545654	785.1917	0.036473	13.45078	0	1
sm759	91.85917	1625.834	7.302246	40.32164	5.695372	83.33222	27.67263	0.578552	2.064731	0.000101	1446.703	0.555379	903.5421	0.033647	13.5497	0	1
sm760	84.57056	1599.64	7.2784	39.99551	5.696241	84.71167	28.20264	0.606457	2.151716	0.000102	1520.673	0.525426	841.8095	0.033636	13.54242	0	1
sm761	102.0131	960.7431	6.955894	30.99586	5.580549	69.21583	22.83071	0.868565	2.395466	0.000137	1017.398	0.4733	457.1232	0.042255	13.14932	0	1
sm762	67.12472	1694.702	7.1777	41.16676	5.645001	88.0625	29.44433	2.478473	20.0274	0.000132	1670.081	0.506685	857.6728	0.035115	13.42579	0	1
sm763	101.9408	1515.951	7.27208	38.93522	5.688302	86.36472	28.53188	0.744449	2.336588	0.000104	1541.693	0.493251	750.3132	0.033598	13.5263	0	1
sm764	91.02306	2320.846	7.489744	48.17516	5.743349	104.2333	34.71087	0.690764	3.874352	0.000086	2262.53	0.511591	1184.96	0.02908	13.7815	0	1
sm765	96.52528	1826.502	7.376041	42.7376	5.730709	96.445	31.82854	0.531075	2.032659	0.000092	1952.553	0.463608	843.8022	0.028953	13.67089	0	1
sm766	67.13556	2085.177	7.246611	45.66374	5.635796	93.07361	31.347	4.680535	49.02076	0.000181	1832.907	0.561773	1174.82	0.039813	13.41449	0	1
sm767	81.62278	2276.286	7.421897	47.71044	5.714562	101.3617	33.90998	1.495819	10.02831	0.000105	2175.768	0.52392	1197.201	0.033915	13.66426	0	1
sm768	91.81167	2133.832	7.456591	46.19342	5.767554	103.9825	34.61936	0.445486	2.080209	0.000083	2269.557	0.468808	1001.507	0.025931	13.8011	0	1
sm769	85.2125	1840.712	7.352693	42.90352	5.716532	93.165	30.98535	0.560315	2.135081	0.000096	1789.572	0.513659	945.0457	0.029987	13.63292	0	1
sm770	114.1267	3021.133	7.694867	54.96484	5.838795	124.3936	41.38814	0.306067	2.149813	0.000071	3183.966	0.471087	1417.934	0.024683	14.00866	0	1
sm771	116.5022	3046.984	7.710934	55.19949	5.812156	122.7333	40.96741	0.386697	2.075983	0.00007	3193.981	0.474325	1440.993	0.024369	14.0157	0	1
sm772	89.65028	3169.823	7.61865	56.30118	5.757373	112.4475	37.77188	2.869973	25.32684	0.000094	2619.43	0.587481	1865.207	0.030461	13.83318	0	1

sm773	92.24917	2485.365	7.492862	49.85344	5.734841	105.1414	35.22168	1.302184	7.912418	0.000097	2321.481	0.53451	1332.846	0.031052	13.74334	0	1
sm774	72.31333	2274.069	7.310615	47.68719	5.669593	99.49556	33.53292	4.338288	44.09853	0.000157	2076.034	0.544743	1242.05	0.036064	13.51441	0	1
sm775	113.3814	2602.099	7.613652	51.01077	5.786101	114.1383	37.79529	0.428259	2.199189	0.000076	2789.397	0.460493	1190.437	0.025312	13.92086	0	1
sm776	99.92111	2152.874	7.47141	46.39907	5.735396	98.17333	32.59993	0.556311	2.119776	0.000089	2026.264	0.527023	1128.9	0.031206	13.73769	0	1
sm777	77.20444	1873.64	7.31263	43.28556	5.682019	89.80917	30.09756	1.190773	6.866496	0.00011	1671.173	0.555552	1044.466	0.035837	13.54712	0	1
sm778	98.63333	2089.861	7.464352	45.71499	5.748819	98.87056	32.80876	0.466342	1.970552	0.000086	2056.351	0.504356	1046.248	0.027983	13.74544	0	1
sm779	109.4214	1985.698	7.447041	44.56117	5.738718	99.36444	32.7824	0.599748	2.192687	0.000088	2046.028	0.485343	964.7454	0.028831	13.73012	0	1
sm780	82.84417	848.3655	6.8655	29.12672	5.557953	66.41917	21.93429	1.084128	2.874128	0.000152	954.5415	0.438752	373.1032	0.042672	13.02454	0	1
sm781	86.28444	1179.997	7.09434	34.35108	5.637352	78.94333	26.06938	0.840537	2.421052	0.000119	1335.453	0.434581	513.2144	0.034711	13.34634	0	1
sm782	90.68111	1155.757	7.070865	33.99643	5.623414	78.31944	25.91863	0.785602	2.164812	0.000119	1340.808	0.419506	484.4806	0.037789	13.32956	0	1
sm783	130.5594	962.3393	6.959541	31.0216	5.577392	67.795	22.24007	0.918981	2.43217	0.000139	967.8476	0.496829	477.8242	0.042392	13.13193	0	1
sm784	115.8047	904.0383	6.91088	30.06723	5.549633	64.40028	21.20713	0.921155	2.458918	0.000145	893.2346	0.507329	459.905	0.042819	13.06212	0	1
sm785	130.4444	971.8419	6.969559	31.17438	5.571589	69.93056	22.85904	0.920022	2.519586	0.000137	1059.739	0.455077	442.5054	0.039009	13.15318	0	1
sm786	102.7531	853.1379	6.864285	29.20853	5.527896	61.84389	20.43328	1.112402	2.977931	0.000159	808.7409	0.524845	446.658	0.045997	12.9788	0	1
sm787	107.2644	1027.228	6.992647	32.05039	5.586972	68.39444	22.51715	0.868605	2.455201	0.000135	971.3002	0.52753	542.2466	0.040608	13.16939	0	1
sm788	133.8258	855.4998	6.85495	29.24893	5.530722	67.57194	22.2287	1.073046	2.807998	0.000154	962.643	0.438009	375.1367	0.043732	13.01304	0	1
sm789	137.0475	1660.009	7.314439	40.74321	5.700195	95.16194	31.50434	0.732668	2.260409	0.000099	1990.93	0.399534	662.3559	0.031013	13.595	0	1
sm790	121.8775	1385.726	7.185253	37.22535	5.665758	84.25583	27.85167	0.76769	2.232172	0.000111	1527.274	0.451223	627.8876	0.034987	13.44417	0	1
sm791	139.5147	1044.794	7.015673	32.32327	5.604613	73.09361	24.14343	0.957949	2.646416	0.000133	1157.035	0.444972	463.8037	0.03992	13.21127	0	1
sm792	127.0497	809.9317	6.832863	28.4593	5.54249	69.135	22.78754	1.122401	3.001326	0.000152	1041.913	0.354101	285.6036	0.041061	13.01593	0	1
sm793	131.2153	922.7169	6.920069	30.37626	5.5745	74.4775	24.56491	1.004822	2.618631	0.000138	1234.928	0.330016	304.146	0.038796	13.14112	0	1
sm794	135.5506	905.8963	6.907976	30.09811	5.595228	74.48778	24.55122	0.954068	2.507751	0.000138	1218.521	0.324944	293.273	0.037404	13.14166	0	1
sm795	113.4642	1086.636	7.027549	32.96416	5.620708	79.44694	26.13684	0.917542	2.542246	0.000125	1397.804	0.355467	385.452	0.034287	13.28729	0	1
sm796	107.7628	1020.094	6.99294	31.93891	5.617495	78.54444	25.70956	0.949531	2.54318	0.000127	1346.608	0.343371	352.0908	0.03695	13.25098	0	1
sm797	95.17944	1215.54	7.111056	34.8646	5.664406	82.69889	27.21041	0.841018	2.42835	0.000114	1497.44	0.384733	468.1818	0.032389	13.39444	0	1
sm798	101.1033	1058.763	7.026328	32.53864	5.613927	78.65444	26.05979	0.898739	2.468293	0.000125	1367.955	0.350629	369.3155	0.034778	13.27648	0	1
sm799	87.40361	1372.235	7.193977	37.04369	5.672842	86.08694	28.39233	0.743636	2.257008	0.000108	1580.523	0.425176	584.5261	0.033401	13.47236	0	1
sm800	91.97667	1450.998	7.222574	38.09196	5.695449	87.82333	29.07429	0.679806	2.13448	0.000105	1639.889	0.434807	630.7901	0.033608	13.51485	0	1
sd1	74.72444	145.6125	4.795805	12.067	4.267001	31.88111	10.83507	4.432685	23.1294	0.002751	233.5329	0.190346	27.4512	0.138774	9.263822	1	0
sd2	69.11889	256.8902	5.169136	16.02779	4.573515	43.67333	14.54987	3.813105	18.07775	0.001564	393.0231	0.237335	61.15277	0.097187	9.967368	1	0
sd3	70.63778	127.7685	4.636143	11.30348	4.130523	27.61111	9.632325	4.884183	29.19732	0.003279	187.9373	0.249786	31.28713	0.143459	8.982923	1	0
sd4	68.40556	236.5461	5.098526	15.38006	4.494995	42.46889	14.25349	4.247797	23.6017	0.001835	386.7537	0.187123	44.51492	0.106709	9.842088	1	0
sd5	73.79667	184.0821	4.916112	13.56769	4.369593	34.68444	11.7505	4.270041	22.10355	0.002341	258.0259	0.298208	54.82072	0.124328	9.499381	1	0
sd6	83.01889	378.2166	5.441643	19.44779	4.654939	46.55	15.50022	3.746547	17.91484	0.001248	459.9625	0.401387	154.2087	0.102123	10.30473	1	0
sd7	70.26222	277.9467	5.126907	16.67174	4.481706	38.09333	12.86875	4.585412	26.67755	0.002176	339.1296	0.383831	105.627	0.128225	9.723351	1	0
sd8	73.61333	325.1406	5.333081	18.03166	4.654988	41.12222	13.99224	4.020326	21.17663	0.001544	392.6395	0.394453	127.8826	0.108283	10.11233	1	0
sd9	85.66667	467.6396	5.331786	21.62498	4.581727	44.58667	15.30251	4.452982	25.58717	0.001875	490.2913	0.394905	159.9904	0.112761	9.948807	1	0
sd10	70.36222	189.8509	4.911942	13.77864	4.306266	33.48444	11.30345	5.107278	32.36902	0.002737	280.7197	0.256619	48.45292	0.131928	9.439165	1	0
sd11	121.0978	275.8102	5.181719	16.60754	4.408185	36.12444	12.16566	3.686227	16.7765	0.001731	329.8938	0.402542	111.1343	0.120095	9.846036	1	0
sd12	108.2111	316.2557	5.274601	17.78358	4.38014	32.92556	11.34769	3.77549	18.51111	0.001714	277.7197	0.553943	172.4452	0.131297	9.863242	1	0
sd13	71.03556	201.2468	4.945516	14.18615	4.318587	34.99556	11.69801	4.872863	29.15558	0.002592	303.6698	0.251071	50.90127	0.130801	9.48335	1	0
sd14	76.63667	181.5464	4.911	13.47392	4.349964	33.02444	11.35232	4.215748	20.61382	0.002483	267.5545	0.262146	47.52858	0.126324	9.441205	1	0
sd15	81.33556	204.3278	4.920485	14.29433	4.365725	34.86889	11.73654	4.402498	23.81585	0.002346	283.6073	0.303413	61.76544	0.126825	9.468475	1	0
sd16	77.38889	241.5216	5.113107	15.54096	4.470243	36.54222	12.52016	4.097018	20.17456	0.00198	316.0176	0.341895	82.08786	0.122902	9.749585	1	0
sd17	76.17667	213.1289	4.989782	14.59894	4.407259	34.56778	11.96656	4.268641	22.20915	0.002388	303.7721	0.289491	61.88457	0.131644	9.552598	1	0
sd18	81.17556	271.5798	5.150193	16.47968	4.497443	37.93222	12.77304	4.071959	20.04962	0.001995	332.7451	0.390153	106.4379	0.121321	9.75896	1	0

sd19	71.37	171.5904	4.823395	13.09925	4.278101	32.41222	10.8141	5.357736	35.29194	0.003243	258.4042	0.256334	44.53468	0.151588	9.276474	1	0
sd20	77.24778	194.0776	4.913165	13.93117	4.317026	32.85667	11.3603	4.277689	21.70177	0.002471	276.6152	0.279041	53.53071	0.12998	9.41912	1	0
sd21	70.49111	227.3114	4.948716	15.07685	4.368644	35.47444	11.98961	5.140742	32.76151	0.002781	292.1602	0.35774	81.3668	0.134638	9.479651	1	0
sd22	118.4944	363.3403	5.313107	19.06149	4.567983	41.54889	14.03277	3.859877	18.82232	0.00156	426.9665	0.414668	151.2381	0.113829	10.03344	1	0
sd23	87.26222	346.9256	5.307931	18.62594	4.541839	43.16222	14.4531	4.219606	22.32712	0.00181	420.8392	0.383158	130.7044	0.123105	10.01476	1	0
sd24	75.93	275.3644	5.210798	16.59411	4.544972	38.05889	13.02619	4.244552	22.77285	0.001856	339.6707	0.38168	104.8369	0.121755	9.890089	1	0
sd25	75.96111	266.4	5.136243	16.32177	4.480596	37.62889	12.79184	4.203547	21.9164	0.002002	324.063	0.385689	101.7297	0.126457	9.78137	1	0
sd26	93.39111	499.7356	5.645789	22.35477	4.829175	45.80889	15.43578	3.331852	14.86614	0.001031	457.6001	0.545856	275.0053	0.095478	10.5333	1	0
sd27	86.81333	428.1943	5.482429	20.69286	4.722583	44.14889	14.89814	3.682596	17.42998	0.001318	426.9825	0.502636	215.7543	0.105901	10.30329	1	0
sd28	79.12667	293.0162	5.226623	17.11772	4.507554	36.22222	12.29066	3.995773	19.38808	0.001906	310.3774	0.472609	139.0685	0.130005	9.85478	1	0
sd29	77.80889	365.365	5.371284	19.11452	4.692317	40.57889	13.91144	3.375651	14.21741	0.00134	372.817	0.49777	184.7528	0.112361	10.13347	1	0
sd30	78.70556	427.7497	5.514293	20.68211	4.724935	40.07	13.67846	3.657589	17.44501	0.001338	349.3221	0.586608	247.8462	0.113021	10.24047	1	0
sd31	79.84333	555.0733	5.702334	23.55999	4.81501	47.42444	15.98088	3.40782	15.64376	0.001095	480.546	0.571107	319.9435	0.104376	10.53522	1	0
sd32	84.76667	329.881	5.257616	18.16263	4.587003	40.48667	13.77543	4.440888	25.40687	0.001929	388.7151	0.415666	138.256	0.121445	9.94076	1	0
sd33	78.96111	218.994	4.990972	14.79845	4.426229	33.01778	11.71465	4.442242	24.2443	0.002355	277.8768	0.362336	78.94808	0.114977	9.494792	1	0
sd34	75.75889	293.9919	5.126754	17.14619	4.441281	36.79333	12.55021	4.50118	25.28508	0.002303	326.2437	0.446489	131.5822	0.133372	9.676585	1	0
sd35	90.02333	527.3309	5.625647	22.96369	4.795207	48.24444	16.2818	3.30471	14.65444	0.00109	483.0712	0.536122	279.1518	0.103239	10.49137	1	0
sd36	100.2267	351.0921	5.377173	18.73745	4.688801	42.35333	14.2009	4.023826	21.50842	0.001499	395.4849	0.432503	150.704	0.111593	10.17465	1	0
sd37	82.53	304.1159	5.124672	17.43892	4.483744	36.45667	12.76462	4.488202	25.42351	0.002208	330.6234	0.462164	142.0527	0.127782	9.682841	1	0
sd38	103.0944	342.4616	5.359822	18.50572	4.655235	42.58111	14.34486	4.141404	23.16035	0.001529	402.5609	0.413743	142.0508	0.110796	10.15897	1	0
sd39	88.84222	411.0073	5.495546	20.27332	4.707382	43.94556	14.71889	3.852814	19.86607	0.001347	422.4111	0.486433	200.047	0.109668	10.30717	1	0
sd40	82.97	184.2249	4.862547	13.57295	4.292459	32.71	10.88223	5.031311	31.04667	0.003137	257.654	0.302713	55.92754	0.149939	9.32091	1	0
sd41	95.09	218.1198	5.034933	14.76888	4.390452	34.46	11.65416	4.140016	20.60494	0.002126	290.6465	0.330093	71.60724	0.129458	9.628562	1	0
sd42	81.20111	223.3288	5.004633	14.94419	4.40818	34.76444	12.00499	4.323429	22.64122	0.002338	295.8662	0.343332	77.34511	0.126317	9.544442	1	0
sd43	85.55111	222.7527	4.897387	14.92449	4.284383	33.90111	11.55036	5.004639	30.04814	0.003088	277.347	0.367866	80.70005	0.142977	9.326403	1	0
sd44	86.38	300.138	5.162201	17.32449	4.471721	38.39556	13.00314	5.111792	33.37198	0.002421	350.4823	0.419804	126.7968	0.128893	9.770674	1	0
sd45	102.2644	511.7587	5.591632	22.62208	4.834209	49.08222	16.5642	3.282484	13.83844	0.001134	511.9675	0.500592	256.5909	0.093573	10.45647	1	0
sd46	76.66444	540.6882	5.596234	23.2527	4.808431	47.34778	15.96242	3.52702	16.46792	0.001264	464.552	0.568029	305.4362	0.107787	10.37453	1	0
sd47	87.24889	592.4319	5.709524	24.33992	4.880623	51.33667	17.28988	3.50532	16.68806	0.001075	546.4969	0.527041	304.4935	0.096742	10.57165	1	0
sd48	81.20444	491.927	5.6397	22.17943	4.811464	47.23222	15.88648	3.228312	13.48823	0.001057	474.9684	0.511765	248.9297	0.099071	10.48679	1	0
sd49	85.21778	494.4019	5.581143	22.23515	4.771637	47.17667	15.87496	3.442004	15.60182	0.001182	483.0791	0.511817	253.2333	0.105903	10.42506	1	0
sd50	73.73778	376.8856	5.408259	19.41354	4.663506	42.18111	14.25519	4.270366	23.7595	0.001655	385.2048	0.487572	183.2598	0.116115	10.12811	1	0
sd51	159.2611	3303.337	6.760452	57.47466	5.396942	120.0733	41.10836	2.027953	7.093617	0.000358	3059.584	0.534457	1756.245	0.054689	11.84431	1	0
sd52	165.14	2989.346	6.617479	54.67492	5.356409	114.0756	38.78724	2.571764	11.03526	0.000412	2883.151	0.519665	1559.611	0.046757	11.71909	1	0
sd53	135.4689	3439.393	6.859655	58.64634	5.470751	129.2756	43.586	1.5734	4.963372	0.000288	3493.772	0.491499	1688.48	0.038354	12.01842	1	0
sd54	161.8589	2937.643	6.689009	54.20003	5.41423	116.9556	39.69184	1.839874	5.810686	0.000343	2845.242	0.514972	1510.447	0.043209	11.84423	1	0
sd55	141.6133	3279.663	6.788944	57.26835	5.437755	116.6789	39.38692	2.129509	8.111299	0.000343	2732.754	0.586034	1934.324	0.046219	11.86323	1	0
sd56	157.8233	2658.931	6.551944	51.56482	5.2667	108.7756	36.90911	2.80827	12.2629	0.000469	2571.067	0.514629	1363.023	0.057735	11.58631	1	0
sd57	84.35556	973.6576	5.894203	31.20349	4.958226	61.12	20.61316	3.312299	14.75089	0.000885	827.6924	0.577694	566.121	0.080764	10.79592	1	0
sd58	155.6178	2662.744	6.680085	51.60178	5.387183	106.6244	35.95766	2.294062	8.872591	0.000377	2548.175	0.524838	1407.289	0.050267	11.76082	1	0
sd59	154.17	1851.358	6.393419	43.02741	5.209537	89.00889	29.73871	2.784891	11.05067	0.000535	1767.141	0.527506	986.4453	0.064722	11.42128	1	0
sd60	140.2822	2846.185	6.720076	53.34965	5.346503	105.5944	35.69804	2.627257	12.60393	0.000392	2240.972	0.598443	1669.868	0.052334	11.75578	1	0
sd61	162.55	1410.653	6.232042	37.55866	5.112725	78.85556	26.28419	2.826839	11.36152	0.000601	1407.274	0.495878	692.1293	0.069627	11.25382	1	0
sd62	154.38	1072.914	6.105099	32.75537	5.097028	71.47778	24.02752	3.109809	13.65021	0.000698	1140.617	0.464833	495.3554	0.071544	11.11467	1	0
sd63	156.0089	2518.574	6.544919	50.1854	5.282518	102.8022	34.86629	2.410433	9.109965	0.00045	2390.249	0.52237	1307.072	0.059245	11.59743	1	0
sd64	145.7044	3034.151	6.716173	55.08312	5.418212	117.7889	39.48796	2.016935	7.34321	0.000348	2818.7	0.538551	1644.831	0.046491	11.84051	1	0

sd65	149.7411	3404.924	6.834177	58.35173	5.485283	125.5478	42.7187	1.873505	6.676663	0.000303	3358.207	0.511372	1757.261	0.038348	11.99706	1	0
sd66	149.3278	2763.013	6.772539	52.56437	5.442502	110.1078	36.94512	1.404106	3.817986	0.000307	2492.501	0.548958	1516.797	0.047739	11.94408	1	0
sd67	144.9689	3059.478	6.75703	55.31255	5.415785	123.2533	41.14949	1.9457	6.832866	0.000334	3206.437	0.482082	1492.285	0.049556	11.89735	1	0
sd68	143.6278	3194.961	6.859664	56.52399	5.47849	124.7667	41.83117	1.764787	5.636443	0.000299	3194.8	0.499867	1596.55	0.039265	11.99467	1	0
sd69	140.4256	1693.313	6.34175	41.14988	5.178002	85.82667	28.64352	3.011531	12.5544	0.000599	1687.376	0.506962	867.5138	0.06903	11.31837	1	0
sd70	149.1444	2864.121	6.662784	53.51749	5.382985	110.9067	37.42824	2.142488	8.060549	0.000364	2479.291	0.573014	1663.601	0.04522	11.78034	1	0
sd71	149.6	2269.117	6.562554	47.63525	5.271991	97.33444	32.76894	2.000566	6.70426	0.000402	2060.88	0.538024	1200.065	0.05469	11.66172	1	0
sd72	183.7389	3200.275	6.485098	56.57098	5.245469	118.7144	40.69087	4.503683	36.7254	0.000618	3171.941	0.501252	1593.936	0.055994	11.53928	1	0
sd73	125.9378	1404.588	6.166509	37.47783	5.059789	81.12333	26.9839	3.007726	12.45611	0.00067	1560.621	0.437446	606.7753	0.06934	11.15381	1	0
sd74	134.1056	2354.077	6.599045	48.51883	5.332537	104.0322	34.8847	2.442896	10.11304	0.0004	2352.568	0.497063	1162.546	0.047202	11.71507	1	0
sd75	154.5667	1143.065	6.153221	33.80924	5.077591	72.99333	24.46513	2.936792	12.04642	0.000661	1200.839	0.474919	543.0602	0.068827	11.15858	1	0
sd76	166.5633	645.6256	5.721875	25.40916	4.846443	57.76444	19.17497	3.63264	17.29996	0.001084	794.4081	0.374101	237.4093	0.093739	10.63428	1	0
sd77	152.2544	991.6805	5.956442	31.49096	4.945839	67.91333	22.98365	3.618896	17.28025	0.000965	1143.317	0.408922	395.4868	0.081769	10.84407	1	0
sd78	154.2333	686.8665	5.872193	26.20814	4.874692	57.18778	19.28075	3.314409	14.77407	0.000885	751.7834	0.441069	296.627	0.08891	10.79842	1	0
sd79	164.4056	568.4772	5.684938	23.84276	4.802196	55.99444	18.72583	3.520479	16.00792	0.001062	737.865	0.34374	193.2416	0.083061	10.5899	1	0
sd80	115.5178	480.2144	5.567582	21.91379	4.776794	51.20333	17.35127	3.305653	14.49189	0.001134	578.4351	0.390113	184.9975	0.093109	10.45219	1	0
sd81	115.0544	387.2217	5.413921	19.67795	4.732775	46.00222	15.59964	3.706894	18.32467	0.001321	491.8231	0.361446	139.1951	0.099285	10.25655	1	0
sd82	109.1567	586.813	5.744361	24.22422	4.910123	56.19444	18.68957	3.034156	12.46651	0.000914	686.0957	0.411093	239.4686	0.086413	10.71168	1	0
sd83	110.5789	508.9582	5.644496	22.5601	4.844979	55.51333	18.57891	3.862818	14.83605	0.000995	676.2262	0.328715	165.5672	0.08387	10.60383	1	0
sd84	119.7667	535.2714	5.707724	23.13593	4.886081	56.83778	18.94193	3.084409	12.61588	0.000859	743.7382	0.309829	166.938	0.078928	10.76754	1	0
sd85	101.9033	639.9762	5.819487	25.29775	4.962639	59.81667	19.80672	3.013373	12.62433	0.000787	786.4605	0.388147	249.4575	0.076406	10.85532	1	0
sd86	100.9156	503.6213	5.604208	22.44151	4.856685	51.12333	17.24942	3.282706	14.46406	0.001036	580.0536	0.424015	213.5054	0.083242	10.52452	1	0
sd87	106.4544	592.7999	5.67465	24.34748	4.880435	56.57111	18.99028	3.484156	16.66913	0.001022	719.8198	0.383617	223.9964	0.089878	10.59539	1	0
sd88	106.0733	425.6342	5.536605	20.6309	4.793294	48.06778	16.25718	3.268865	13.81074	0.001142	522.2026	0.391906	168.2753	0.095566	10.43408	1	0
sd89	113.6978	497.0432	5.581936	22.29447	4.780694	54.66889	18.27416	3.703113	18.03335	0.001108	677.6859	0.314247	155.275	0.084519	10.49845	1	0
sd90	118.66	480.9232	5.581793	21.92996	4.798494	51.10111	17.11962	3.404289	15.30921	0.001062	602.2967	0.369453	176.4502	0.092874	10.51335	1	0
sd91	100.7478	410.5003	5.468852	20.26081	4.693316	46.77333	15.60947	3.69549	17.78761	0.001299	499.3134	0.388243	158.4409	0.10418	10.29012	1	0
sd92	129.3322	506.7738	5.580356	22.51164	4.766816	53.02444	17.78698	3.61177	17.45397	0.00115	652.8085	0.350874	176.4324	0.095626	10.49429	1	0
sd93	113.5311	536.5207	5.673793	23.16292	4.857993	53.59667	17.92434	3.212236	13.42187	0.000964	638.5199	0.406381	218.5597	0.087625	10.64662	1	0
sd94	160.4722	667.3352	5.7952	25.83283	4.915087	57.40222	19.47852	2.819359	10.58399	0.000847	738.2261	0.441642	291.9557	0.092078	10.7925	1	0
sd95	163.6556	695.721	5.810319	26.37653	4.937468	58.01556	19.48029	3.124348	13.62963	0.000882	739.8102	0.47088	329.1904	0.089289	10.79995	1	0
sd96	154.5856	519.6512	5.656063	22.79586	4.818409	51.46111	17.38377	3.222592	13.74165	0.001004	606.3696	0.420834	220.3006	0.092138	10.59453	1	0
sd97	118.8078	596.7094	5.750832	24.42764	4.939739	58.23556	19.59094	2.988442	12.1627	0.000862	771.8711	0.353311	210.851	0.078406	10.77027	1	0
sd98	110.7989	500.5746	5.69571	22.37353	4.885119	53.32	17.88837	3.289662	14.11291	0.000967	622.6878	0.372157	184.5502	0.081769	10.64603	1	0
sd99	114.9889	394.7007	5.515392	19.86708	4.764641	45.82667	15.33956	3.542958	16.92275	0.001202	491.3816	0.379399	150.201	0.097583	10.37097	1	0
sd100	113.1167	675.151	5.814099	25.98367	4.931626	61.57889	20.65506	2.920923	11.16362	0.000837	807.5265	0.399025	268.0838	0.085522	10.81708	1	0
sd101	74.77444	174.4663	5.658822	13.20857	4.917403	36.86	12.04637	2.363625	7.410549	0.00071	297.2934	0.14493	25.19495	0.073537	10.81913	1	0
sd102	69.13778	304.0366	6.044649	17.43665	5.167856	49.13111	16.04526	2.11421	6.766271	0.000471	495.0548	0.187468	57.10979	0.054761	11.37796	1	0
sd103	70.76	166.7588	5.614448	12.91351	4.88124	34.27556	11.3835	2.681924	9.929891	0.000775	270.2817	0.170601	27.79744	0.073436	10.74213	1	0
sd104	68.41889	274.2103	5.997438	16.5593	5.12418	46.95667	15.51454	2.151229	7.178704	0.000478	468.7746	0.146665	40.28488	0.053284	11.33244	1	0
sd105	73.86111	215.3211	5.81181	14.67382	5.025507	39.22444	12.9746	2.260433	7.255365	0.000609	329.5946	0.236386	51.01504	0.069954	11.02998	1	0
sd106	83.04778	419.9454	6.285091	20.49257	5.234134	50.75889	16.70358	2.088002	7.634994	0.000407	543.6909	0.36138	153.8312	0.056351	11.57121	1	0
sd107	70.25889	319.7583	6.044181	17.88179	5.110832	43.69222	14.44537	2.355035	8.306908	0.000527	432.8694	0.316601	100.2684	0.067674	11.25927	1	0
sd108	73.65889	368.3941	6.146085	19.1936	5.146606	46.31333	15.43045	2.167665	7.150314	0.000487	481.0564	0.342876	125.5035	0.062847	11.37147	1	0
sd109	85.74444	508.82	6.270093	22.55704	5.18943	49.68667	16.54116	2.081058	6.383621	0.000458	577.884	0.35359	158.0528	0.0579	11.44259	1	0
sd110	70.44111	227.0477	5.807641	15.0681	4.996183	39.15333	12.81021	2.806001	11.10336	0.000687	358.3932	0.205736	46.4169	0.068451	10.96529	1	0

sd111	121.13	313.5504	6.054873	17.70735	5.075535	41.29	13.71094	1.932702	5.524227	0.000502	415.7822	0.339617	106.9129	0.063919	11.28646	1	0
sd112	108.2433	351.0119	6.133681	18.73531	5.026843	38.75111	12.87736	1.912925	5.791263	0.000487	358.4036	0.483723	167.9021	0.07051	11.32699	1	0
sd113	71.06667	232.109	5.805002	15.23512	4.955615	39.42222	12.83414	2.771544	10.58023	0.00069	369.0738	0.212286	49.7319	0.074069	10.95835	1	0
sd114	76.63222	217.7456	5.783248	14.7562	4.993634	38.70556	12.86903	2.414249	7.989921	0.000652	347.8324	0.200978	43.74504	0.065085	10.97413	1	0
sd115	81.27667	236.5986	5.818573	15.38176	4.993548	39.32333	12.96677	2.486812	8.664737	0.000654	352.3813	0.252144	59.40375	0.07175	10.96784	1	0
sd116	77.43444	281.2115	5.975287	16.76936	5.094003	42.53	14.02416	2.307141	7.574893	0.00056	404.7427	0.280109	78.74263	0.063949	11.18402	1	0
sd117	76.15333	246.0054	5.881087	15.68456	5.041509	39.82778	13.30166	2.303053	7.408812	0.000625	376.0549	0.239528	59.22352	0.073139	11.03941	1	0
sd118	81.28111	312.6562	6.034102	17.68209	5.099004	43.09889	14.27064	2.26803	7.524374	0.000532	419.6436	0.330046	103.3668	0.068234	11.25648	1	0
sd119	71.39	200.7632	5.698489	14.16909	4.9168	36.99556	12.06967	2.999383	12.065	0.00083	321.6817	0.210945	42.99889	0.080884	10.7821	1	0
sd120	77.30889	232.2983	5.877662	15.24133	5.053958	38.74667	12.86867	2.22699	6.925754	0.000599	358.3838	0.219091	50.27375	0.069716	11.06443	1	0
sd121	70.49	267.6028	5.906125	16.35857	5.059067	40.73444	13.59484	2.562171	9.48908	0.00062	375.6383	0.298252	79.82576	0.069738	11.08958	1	0
sd122	118.5844	404.2387	6.159139	20.10569	5.122423	46.46	15.39517	2.086628	6.794365	0.000484	510.6309	0.371557	150.951	0.065328	11.35687	1	0
sd123	87.29333	392.1363	6.191064	19.80243	5.179799	48.45556	15.98386	2.067939	6.507607	0.000467	517.1538	0.331635	128.3027	0.063071	11.42074	1	0
sd124	75.97556	317.7369	6.067928	17.82518	5.12727	43.58556	14.52334	2.267593	7.713669	0.000527	431.1489	0.321103	101.9621	0.065232	11.27457	1	0
sd125	75.95111	310.5182	6.04018	17.62153	5.103523	43.75	14.401	2.25249	7.452706	0.000527	416.7441	0.320718	98.38136	0.061268	11.26222	1	0
sd126	93.40667	552.533	6.406969	23.50602	5.331255	51.37778	17.04429	1.582666	4.324905	0.000364	568.7615	0.490194	273.4408	0.053085	11.69259	1	0
sd127	86.8	470.6496	6.331128	21.69446	5.260774	48.94111	16.28264	1.952188	6.243915	0.000414	514.4777	0.454858	214.6364	0.057769	11.58535	1	0
sd128	79.16222	332.4431	6.091213	18.23302	5.122134	42.17667	13.85928	2.101134	6.425114	0.000512	392.8439	0.411499	137.3445	0.067613	11.29969	1	0
sd129	77.84222	401.3143	6.227248	20.03283	5.208775	45.32667	15.19907	2.052588	6.588585	0.000462	450.1289	0.448704	183.1817	0.065713	11.43562	1	0
sd130	78.75556	462.2694	6.330555	21.50045	5.225202	44.42333	14.77791	1.915248	5.979697	0.000429	419.6133	0.541284	247.5715	0.060901	11.53053	1	0
sd131	79.81556	604.5221	6.51851	24.58703	5.360672	52.73111	17.42812	1.712167	5.429772	0.000351	587.3472	0.519186	317.1102	0.055393	11.77767	1	0
sd132	84.79	368.9937	6.131199	19.20921	5.189364	45.55111	15.13182	2.437535	9.005176	0.000527	468.5276	0.369025	137.0092	0.061753	11.33026	1	0
sd133	78.94333	247.6375	5.819354	15.7365	5.014983	37.87444	12.67822	2.442643	8.125125	0.000679	333.1049	0.323724	79.72635	0.066988	10.92285	1	0
sd134	75.82444	332.9903	6.051286	18.24802	5.118409	42.24556	13.96123	2.346185	8.026933	0.000563	407.6464	0.390373	130.5175	0.066746	11.21358	1	0
sd135	90.06222	582.272	6.528261	24.13031	5.293201	53.85778	17.87465	1.433682	3.910121	0.000343	596.6548	0.482045	277.6441	0.056054	11.76265	1	0
sd136	100.2589	391.1509	6.235327	19.77754	5.224612	47.16889	15.57965	1.749764	4.976358	0.000423	478.2284	0.384858	149.5994	0.058972	11.50022	1	0
sd137	82.56556	345.0891	6.071888	18.57658	5.176936	42.77556	14.34964	2.408301	8.59302	0.000573	413.7312	0.406229	141.5274	0.063529	11.20152	1	0
sd138	103.0656	383.7588	6.188006	19.58976	5.181377	47.36444	15.67587	2.219983	7.751679	0.000464	485.8721	0.366365	140.4645	0.057441	11.43104	1	0
sd139	88.83778	455.2217	6.315774	21.33593	5.224343	48.92222	16.21032	1.931248	6.306356	0.000425	518.3551	0.430193	195.6742	0.060484	11.55633	1	0
sd140	82.88222	217.1941	5.788513	14.73751	4.938984	37.72222	12.41309	2.693282	9.851208	0.000735	329.7116	0.240575	52.2241	0.080726	10.88081	1	0
sd141	95.13889	261.0741	5.929584	16.15779	5.027444	40.18111	13.40569	2.349296	7.864169	0.000578	387.3262	0.25689	66.94861	0.066202	11.13825	1	0
sd142	81.24333	252.6293	5.872145	15.89432	5.063654	39.36111	13.15421	2.314192	7.477031	0.000627	357.9531	0.29766	75.85232	0.066152	11.0254	1	0
sd143	85.56556	246.2237	5.809607	15.69152	4.94412	37.97556	12.50521	2.93988	11.58423	0.000792	326.2743	0.328546	79.82387	0.07773	10.86714	1	0
sd144	86.39	331.9979	6.00207	18.22081	5.067434	42.74333	14.12777	2.937331	12.19791	0.000683	412.6784	0.381362	127.1985	0.069255	11.09646	1	0
sd145	102.2178	555.4075	6.393273	23.56708	5.275797	53.18222	17.68801	1.907955	5.906132	0.000393	599.17	0.460845	256.0711	0.054765	11.63237	1	0
sd146	76.70667	579.9962	6.496171	24.08311	5.316203	51.13889	17.09472	1.889197	6.523027	0.00039	538.6372	0.53317	307.5904	0.061598	11.68465	1	0
sd147	87.25	640.8484	6.50767	25.31499	5.383089	56.00333	18.5825	1.731486	5.244099	0.000361	635.2804	0.492795	308.6163	0.047633	11.73055	1	0
sd148	81.28444	541.3094	6.455655	23.26606	5.292814	52.89111	17.41878	1.768609	5.476702	0.00037	580.2133	0.458318	245.46	0.056234	11.71008	1	0
sd149	85.24556	531.2578	6.402706	23.04903	5.301915	51.90222	17.0761	1.893299	6.710891	0.000386	562.0487	0.471605	250.8212	0.056031	11.65699	1	0
sd150	73.80556	416.4082	6.238492	20.40608	5.221493	46.88778	15.60708	2.267884	8.408401	0.000469	467.935	0.436397	181.1603	0.058228	11.42707	1	0
sd151	159.2022	3351.803	7.480097	57.89476	5.704069	122.8567	41.78457	1.679144	9.398953	0.000207	3187.905	0.52274	1745.848	0.029424	12.40505	1	0
sd152	164.9822	3021.677	7.355871	54.96978	5.656306	115.6589	39.22691	1.614357	7.415994	0.000223	2972.754	0.509792	1545.76	0.030495	12.30928	1	0
sd153	135.4944	3508.559	7.629565	59.23309	5.726235	131.4856	44.30909	0.768626	3.469025	0.000185	3650.238	0.479528	1681.54	0.021088	12.49405	1	0
sd154	161.7011	2983.663	7.44271	54.62291	5.689857	118.7878	40.21244	1.13353	4.385976	0.00021	2943.388	0.505626	1505.19	0.027295	12.37013	1	0
sd155	141.5989	3326.374	7.540976	57.67473	5.713411	118.9156	40.00371	1.13541	4.432934	0.000199	2830.568	0.577233	1932.388	0.025339	12.42505	1	0
sd156	157.6533	2689.108	7.296713	51.85661	5.61028	111.01	37.57855	1.590666	6.473872	0.000235	2655.822	0.504648	1352.834	0.033235	12.28009	1	0

sd157	84.33333	1020.44	6.77568	31.94433	5.353263	64.96778	21.66015	1.855915	6.065353	0.000321	918.917	0.553396	569.3242	0.051051	11.90298	1	0
sd158	155.5789	2716.644	7.394707	52.12144	5.630326	109.29	36.73314	1.344816	4.864705	0.000217	2671.964	0.511741	1400.234	0.032813	12.33607	1	0
sd159	154.1622	1913.42	7.185513	43.74265	5.546176	92.62778	30.70489	1.502267	4.906695	0.000241	1885.336	0.512084	989.3628	0.037133	12.21677	1	0
sd160	140.2611	2900.567	7.434715	53.85691	5.669169	108.2211	36.41301	1.217032	4.338058	0.000213	2365.442	0.584377	1662.935	0.030351	12.35817	1	0
sd161	162.4689	1467.397	7.017365	38.30662	5.485636	82.65	27.41393	1.443042	4.549344	0.000256	1522.065	0.477021	694.1548	0.038669	12.14585	1	0
sd162	154.3722	1135.426	6.911522	33.69609	5.513788	75.74444	25.25993	1.472049	4.662175	0.000272	1268.426	0.438107	494.4942	0.04216	12.07365	1	0
sd163	156.1033	2546.008	7.355564	50.45799	5.658164	104.8278	35.33731	1.160144	3.91087	0.00022	2447.41	0.516304	1306.199	0.03114	12.30961	1	0
sd164	145.6956	3091.222	7.509018	55.59876	5.709886	120.4422	40.18305	1.128124	4.50445	0.000199	2953.682	0.526011	1638.927	0.024214	12.42531	1	0
sd165	149.6722	3454.365	7.639476	58.77385	5.722778	127.7189	43.28877	0.927969	4.082611	0.000191	3456.706	0.504124	1757.101	0.024216	12.4679	1	0
sd166	149.2544	2831.531	7.501496	53.21214	5.721531	113.4522	37.85181	0.447594	2.286643	0.000193	2633.394	0.534938	1514.53	0.026233	12.44524	1	0
sd167	145.0133	3115.19	7.539303	55.81389	5.714826	125.4133	41.76439	0.852857	3.416787	0.000197	3300.57	0.475887	1498.433	0.026721	12.42919	1	0
sd168	143.56	3237.495	7.538583	56.89899	5.71548	126.8533	42.3187	0.795649	3.185469	0.000193	3290.418	0.492686	1597.77	0.025311	12.45605	1	0
sd169	140.4489	1740.53	7.097437	41.71966	5.555945	88.79556	29.41229	1.520327	4.665937	0.000255	1769.233	0.496772	873.2665	0.034992	12.14899	1	0
sd170	149.1656	2915.498	7.515856	53.99535	5.71249	113.4556	38.09198	0.913791	3.287932	0.000198	2575.692	0.564399	1668.638	0.026385	12.42074	1	0
sd171	149.5867	2324.883	7.366722	48.21705	5.610631	100.1156	33.60453	0.662369	2.526626	0.000211	2186.25	0.522882	1197.973	0.030861	12.35348	1	0
sd172	183.4322	3219.334	7.277078	56.73917	5.614253	119.6	41.03216	3.585203	30.9658	0.000251	3238.226	0.493489	1577.487	0.031103	12.25729	1	0
sd173	125.8933	1459.88	6.939702	38.20837	5.515967	84.70222	28.09727	1.625458	5.234223	0.000275	1673.073	0.419288	603.9998	0.037333	12.06878	1	0
sd174	134.13	2413.737	7.354452	49.1298	5.626666	106.8289	35.80115	1.234565	4.007048	0.000221	2490.764	0.481218	1155.204	0.030887	12.32168	1	0
sd175	154.6556	1199.165	6.913333	34.62896	5.485263	76.95111	25.67324	1.525359	4.781187	0.000277	1308.877	0.454168	544.5362	0.042946	12.06114	1	0
sd176	166.5578	692.8921	6.540868	26.32284	5.318376	62.05111	20.3106	1.657388	4.635404	0.000357	889.5531	0.348556	237.9782	0.048141	11.75348	1	0
sd177	152.2978	1050.18	6.757419	32.40649	5.382723	72.49778	24.24925	2.107059	7.705052	0.000338	1260.721	0.385012	394.6358	0.04262	11.8594	1	0
sd178	154.1578	729.0674	6.616984	27.00125	5.323286	61.29	20.4352	1.789385	5.666634	0.00034	836.2117	0.413506	294.7844	0.046572	11.80572	1	0
sd179	164.4022	628.065	6.477747	25.06122	5.27102	61.24222	20.31772	1.785601	5.295832	0.000367	861.047	0.307065	190.7806	0.05438	11.71682	1	0
sd180	115.4756	531.0105	6.422973	23.04367	5.31146	55.69222	18.72731	1.659233	4.811169	0.000357	685.8989	0.346842	182.114	0.055407	11.72611	1	0
sd181	114.9933	441.9399	6.289743	21.02237	5.20966	51.62333	17.23871	4.833282	5.465635	0.000417	605.9617	0.308227	134.9962	0.060704	11.54638	1	0
sd182	109.2044	636.4899	6.556901	25.22875	5.401847	60.26333	19.88013	1.407404	3.858768	0.000312	783.7664	0.380307	240.4992	0.043698	11.87105	1	0
sd183	110.5789	559.2674	6.450181	23.64884	5.373583	59.85222	19.80944	1.65319	4.869494	0.000348	782.9842	0.293912	162.9598	0.047523	11.77016	1	0
sd184	119.7422	578.8323	6.433858	24.05893	5.337034	60.84222	20.05783	1.739914	5.285148	0.000358	835.8973	0.28269	164.7124	0.047858	11.74701	1	0
sd185	101.87	691.7929	6.621766	26.30196	5.397752	63.76333	20.99538	1.38889	3.788393	0.0003	893.506	0.357613	248.7043	0.04242	11.93279	1	0
sd186	100.9111	548.5616	6.448334	23.42139	5.334828	55.18667	18.45069	1.55887	4.404128	0.000344	664.6311	0.393973	216.0356	0.054557	11.76577	1	0
sd187	106.4444	640.2138	6.517442	25.30245	5.337454	60.97333	20.18459	1.887162	6.305088	0.000364	820.8383	0.351239	222.2006	0.051012	11.75122	1	0
sd188	106.09	470.2088	6.365105	21.6843	5.316468	52.83111	17.58557	1.64947	4.669296	0.000369	615.7423	0.349005	165.053	0.05055	11.67968	1	0
sd189	113.7756	539.013	6.409057	23.21665	5.281096	58.90667	19.47351	1.876748	5.847847	0.000374	766.1736	0.28728	154.413	0.050454	11.69709	1	0
sd190	118.6456	530.3069	6.445485	23.02839	5.278798	55.91778	18.53	1.602308	4.615808	0.00035	711.9603	0.324635	171.1131	0.057098	11.74777	1	0
sd191	100.6722	443.3174	6.290646	21.0551	5.264998	50.07667	16.61361	2.013663	6.631009	0.000425	563.2976	0.359888	158.3505	0.057536	11.53932	1	0
sd192	129.2867	556.5607	6.414875	23.59154	5.300605	57.64778	19.12804	1.747631	5.201714	0.000365	761.0176	0.313515	173.7769	0.051778	11.7192	1	0
sd193	113.5289	582.3362	6.517862	24.13164	5.349084	58.00556	19.13237	1.594323	4.574852	0.000336	730.7552	0.372559	216.9521	0.048083	11.79629	1	0
sd194	160.5233	700.0918	6.575088	26.45925	5.35699	60.65556	20.37476	1.631915	4.949493	0.000342	801.3435	0.422825	293.523	0.054676	11.8232	1	0
sd195	163.7222	742.6102	6.594504	27.25088	5.380327	62.09	20.7083	1.526869	4.350637	0.000325	838.8279	0.437412	326.0943	0.051708	11.8608	1	0
sd196	154.5322	555.5574	6.399579	23.57026	5.294687	55.44556	18.47838	1.733227	5.089508	0.000377	677.1871	0.395202	221.252	0.052994	11.67244	1	0
sd197	118.7767	639.831	6.556935	25.29488	5.359153	62.07222	20.73763	1.574659	4.707394	0.000325	862.6396	0.327675	210.2151	0.047889	11.84739	1	0
sd198	110.8189	543.5233	6.432404	23.31359	5.297401	57.09556	18.93367	1.943325	6.203126	0.000386	709.7451	0.340852	183.5078	0.058323	11.67394	1	0
sd199	114.9622	435.9007	6.26264	20.87824	5.23171	50.51556	16.63934	1.991314	6.340256	0.000413	576.9081	0.342143	150.0214	0.059275	11.5596	1	0
sd200	113.1567	721.2001	6.630503	26.85517	5.380588	65.02111	21.73736	1.376554	3.870176	0.000306	907.5005	0.369917	266.3938	0.049147	11.9274	1	0
sd201	74.83111	173.6911	5.646844	13.17919	4.930618	36.24	12.01009	2.428212	7.95798	0.000723	294.4808	0.147512	25.47803	0.071505	10.80293	1	0
sd202	69.13778	277.0577	5.863228	16.64505	5.043761	46.38667	15.20432	2.861662	11.83159	0.000623	436.8998	0.21261	58.98544	0.060052	11.08967	1	0

sd203	70.69778	145.4458	5.400554	12.06009	4.70718	31.23889	10.52461	3.308668	14.27346	0.001085	226.5238	0.206452	29.46661	0.090972	10.37106	1	0
sd204	68.42667	258.1737	5.88132	16.06779	5.048115	45.46222	14.99328	2.494706	8.995551	0.000573	435.103	0.160407	41.56378	0.057796	11.14353	1	0
sd205	73.85778	198.2133	5.630096	14.07883	4.850136	36.99333	12.31471	2.795179	10.219	0.000823	290.9493	0.268171	53.30755	0.09136	10.70999	1	0
sd206	83.03889	400.4423	6.143573	20.01106	5.122818	49.07778	16.14876	2.473088	9.623524	0.000512	505.1048	0.379306	154.3346	0.061505	11.34546	1	0
sd207	70.29111	297.2678	5.903493	17.24146	5.00638	41.04556	13.65446	2.732112	10.7757	0.000665	382.171	0.350591	103.1599	0.074027	11.02319	1	0
sd208	73.63444	347.4914	6.046179	18.64112	5.111021	43.96556	14.74482	2.51554	9.504055	0.000573	438.3915	0.365026	126.0083	0.072089	11.20432	1	0
sd209	85.69667	488.1693	6.135443	22.09455	5.09467	47.51222	15.93476	2.783515	11.53218	0.000578	533.0028	0.374547	159.5922	0.068513	11.22025	1	0
sd210	70.42444	207.4481	5.58192	14.40306	4.805341	36.48667	12.03395	3.490489	16.09349	0.000982	318.6078	0.230839	47.80993	0.081264	10.57621	1	0
sd211	121.0944	291.2736	5.926253	17.06674	4.941959	38.65222	12.84538	2.387152	8.120524	0.000627	366.3861	0.372362	108.6839	0.07513	11.05356	1	0
sd212	108.2211	329.9655	6.000105	18.16495	4.899098	35.65667	11.97816	2.234857	7.337105	0.000614	308.6533	0.525642	171.0113	0.081012	11.04864	1	0
sd213	71.10333	217.0027	5.658022	14.73101	4.852181	37.85444	12.30968	3.390313	15.42725	0.000912	338.4772	0.228881	50.23275	0.085686	10.70461	1	0
sd214	76.63444	198.9953	5.66438	14.10657	4.915949	36.07556	12.12546	2.860974	10.74842	0.000812	305.8313	0.230203	45.7285	0.077965	10.75087	1	0
sd215	81.30556	215.4916	5.660135	14.67963	4.861072	36.55667	12.09013	3.068719	12.66031	0.000876	305.1688	0.287041	61.43141	0.083476	10.69138	1	0
sd216	77.39778	258.5624	5.832445	16.07988	4.953669	39.62111	13.19011	2.804111	10.80857	0.000722	356.213	0.309148	79.70041	0.076003	10.91947	1	0
sd217	76.12444	228.1091	5.709732	15.10328	4.91382	37.55	12.58644	2.879033	11.19214	0.000851	337.1442	0.265903	61.05987	0.081107	10.74883	1	0
sd218	81.19	289.8092	5.88777	17.02379	5.01222	40.46778	13.40255	2.668895	9.808727	0.000699	371.8469	0.36044	104.7817	0.078399	10.97731	1	0
sd219	71.38778	184.6092	5.488865	13.5871	4.764068	34.68556	11.34691	3.784559	18.33904	0.001223	283.5241	0.243653	45.66795	0.098127	10.42871	1	0
sd220	77.25	217.6538	5.72148	14.75309	4.900138	36.99333	12.32328	2.707903	9.824498	0.000781	327.8371	0.239129	51.51682	0.075586	10.78633	1	0
sd221	70.46667	244.0912	5.742851	15.62342	4.954245	38.33444	12.68013	3.486746	16.99855	0.000853	326.3249	0.331905	81.05815	0.077692	10.81417	1	0
sd222	118.5733	379.2126	6.065495	19.47338	5.051844	43.86778	14.58004	2.369168	8.049557	0.000575	460.1502	0.396163	150.9465	0.069973	11.20148	1	0
sd223	87.27778	366.301	6.052637	19.13899	5.065641	46.04667	15.18745	2.498581	9.037234	0.000579	461.7648	0.360581	130.1989	0.070646	11.2069	1	0
sd224	76.00222	296.8876	5.952644	17.23043	5.044624	41.46667	13.84046	2.623292	9.628607	0.000637	386.759	0.348187	103.2999	0.070986	11.09379	1	0
sd225	75.96111	288.9206	5.88233	16.99767	5.01901	41.27	13.69787	2.786975	10.67877	0.000685	371.6409	0.349261	99.73259	0.07334	10.99809	1	0
sd226	93.43111	524.815	6.305823	22.90884	5.2516	48.62444	16.20254	2.074278	6.917786	0.00045	507.9877	0.519722	274.8534	0.05915	11.47969	1	0
sd227	86.78444	447.711	6.194397	21.15918	5.15064	46.53667	15.55375	2.575449	10.17881	0.000537	466.4663	0.480879	216.052	0.066452	11.33871	1	0
sd228	79.12778	309.6755	5.924552	17.5976	4.96762	39.10111	12.91679	2.901368	11.51166	0.000742	346.1196	0.444802	138.6486	0.082488	10.95582	1	0
sd229	77.81222	383.0426	6.10288	19.57147	5.116348	43.05556	14.53922	2.506442	9.186586	0.000573	408.9265	0.474238	184.4265	0.075582	11.21401	1	0
sd230	78.73556	444.8377	6.246321	21.09118	5.177884	42.64	14.27437	2.259486	7.770821	0.000509	383.3524	0.564046	247.9943	0.068628	11.35102	1	0
sd231	79.84	577.0556	6.389669	24.02198	5.251849	50.30778	16.67471	2.105409	7.464007	0.000427	529.9244	0.545662	318.2206	0.061101	11.56554	1	0
sd232	84.73444	349.2364	5.988537	18.68787	5.059462	43.51333	14.48422	3.250462	14.66945	0.000713	427.9119	0.392345	138.1453	0.07496	11.06457	1	0
sd233	78.89778	234.5769	5.681818	15.3159	4.872678	35.82111	12.22974	2.840863	10.52828	0.000865	307.7776	0.339461	79.08577	0.082263	10.64621	1	0
sd234	75.77889	316.5484	5.880621	17.79181	5.002699	40.26778	13.42794	2.66993	9.834749	0.000709	373.7816	0.412424	131.1801	0.081042	10.95356	1	0
sd235	90.01333	552.7718	6.410909	23.5111	5.27733	51.40111	17.04348	1.90438	6.250571	0.000393	534.2169	0.510693	278.7832	0.061161	11.62926	1	0
sd236	100.2578	370.3984	6.079343	19.24574	5.136359	45.14333	14.9164	2.60675	10.68968	0.000558	435.3468	0.408817	150.526	0.064005	11.24878	1	0
sd237	82.54667	326.2503	5.924799	18.0624	5.035142	39.92444	13.61164	2.783745	10.45597	0.000734	373.4006	0.432214	142.1213	0.076486	10.9401	1	0
sd238	103.0556	362.2616	6.096973	19.03317	5.141099	45.23	15.04356	2.491348	9.451455	0.000529	445.4313	0.387267	140.7636	0.066973	11.29194	1	0
sd239	88.83889	434.6848	6.192611	20.8491	5.132589	47.10889	15.59688	2.358428	8.444986	0.000528	474.6607	0.454364	197.6308	0.072857	11.33295	1	0
sd240	82.95667	197.6477	5.596495	14.05872	4.813785	35.14	11.53346	3.368781	14.65827	0.00102	284.0425	0.282041	55.79132	0.088895	10.57343	1	0
sd241	95.14778	239.0048	5.757952	15.45978	4.875009	37.26111	12.45076	2.851831	10.69603	0.00081	337.4568	0.292213	69.66036	0.079312	10.80399	1	0
sd242	81.23	238.6623	5.73482	15.4487	4.968515	37.56333	12.6667	2.687852	9.842098	0.000754	329.2768	0.316971	76.40314	0.076477	10.83785	1	0
sd243	85.58667	233.8089	5.654882	15.29081	4.849413	36.21667	11.98628	3.47571	15.94736	0.001028	300.7445	0.349277	80.71255	0.08831	10.63543	1	0
sd244	86.43556	319.8479	5.866651	17.88429	4.994525	41.51111	13.73803	3.452126	16.23357	0.000838	389.3303	0.393965	126.5457	0.082367	10.88369	1	0
sd245	102.2444	534.8078	6.236108	23.12591	5.198295	51.37889	17.17257	2.499978	9.42659	0.000517	557.3739	0.479391	256.6223	0.064797	11.38693	1	0
sd246	76.67444	557.43	6.390797	23.60996	5.269406	49.18333	16.4385	2.170853	7.543926	0.000451	493.6969	0.554581	307.345	0.067025	11.51346	1	0
sd247	87.23667	614.1519	6.41865	24.78209	5.300495	53.66556	17.87788	2.102464	7.159682	0.000428	587.3332	0.510016	305.6726	0.061225	11.56986	1	0
sd248	81.26111	516.2844	6.305763	22.72189	5.217503	50.38889	16.6747	2.351781	8.939307	0.000446	527.4606	0.483942	247.3178	0.06103	11.50147	1	0

sd249	85.20222	514.2727	6.324809	22.67758	5.234301	50.03111	16.52725	2.212554	7.934421	0.000451	526.1645	0.489607	252.368	0.07331	11.5205	1	0
sd250	73.77333	395.1121	6.07497	19.87743	5.111836	44.46	14.89457	2.738541	10.87734	0.00061	423.7433	0.462306	182.1659	0.071251	11.17185	1	0
sd251	159.26	3324.958	7.387262	57.66245	5.652836	121.52	41.44736	1.88226	10.23774	0.000235	3123.106	0.528134	1747.763	0.034496	12.31072	1	0
sd252	165.0622	3003.687	7.282601	54.8059	5.619313	115.3044	39.03685	2.238882	10.54686	0.000245	2930.262	0.514027	1549.709	0.034138	12.25032	1	0
sd253	135.4911	3468.92	7.518326	58.89754	5.677744	130.45	43.93914	0.910566	3.528966	0.000196	3563.72	0.485874	1683.942	0.025217	12.43481	1	0
sd254	161.7644	2965.335	7.364951	54.45489	5.673648	118.31	40.00086	1.288679	4.502792	0.000213	2905.69	0.509065	1506.495	0.027684	12.35752	1	0
sd255	141.5756	3308.661	7.441624	57.52096	5.666981	117.8711	39.79552	1.546048	5.977351	0.000214	2793.774	0.580517	1933.131	0.031081	12.35722	1	0
sd256	157.7322	2679.838	7.221911	51.76715	5.587946	110.1289	37.35555	2.186916	9.478957	0.000262	2623.324	0.509054	1360.04	0.034945	12.20579	1	0
sd257	84.28778	997.9738	6.683014	31.59072	5.362728	63.29	21.12726	2.172097	7.667112	0.000369	874.3531	0.565072	567.9931	0.050684	11.7665	1	0
sd258	155.5611	2686.549	7.275207	51.83193	5.600816	108.1722	36.38566	1.620726	5.734828	0.000235	2610.977	0.517454	1399.931	0.036143	12.24714	1	0
sd259	154.1789	1885.097	7.088171	43.4177	5.519227	90.79667	30.26765	1.590498	4.838905	0.000261	1836.752	0.517344	984.377	0.04285	12.12336	1	0
sd260	140.2589	2881.162	7.433748	53.67646	5.66643	107.2389	36.14895	1.444894	5.265085	0.000223	2316.028	0.590255	1668.166	0.036818	12.32593	1	0
sd261	162.4756	1446.167	6.927515	38.02851	5.445974	81.44333	27.03048	1.730037	5.707561	0.000293	1485.029	0.481373	689.1792	0.041036	12.01355	1	0
sd262	154.3989	1100.033	6.794124	33.16675	5.465902	73.59222	24.56946	1.990157	7.229074	0.000315	1195.221	0.45347	495.8523	0.046873	11.94544	1	0
sd263	156.0522	2528.406	7.265292	50.28325	5.571421	103.7267	35.08646	1.537845	5.210619	0.000248	2411.319	0.519833	1305.258	0.038023	12.19757	1	0
sd264	145.7011	3057.186	7.425574	55.29183	5.659165	118.93	39.78326	1.125995	3.749015	0.00021	2881.864	0.532084	1638.532	0.028659	12.36556	1	0
sd265	149.7011	3433.972	7.523672	58.6001	5.715218	127.1511	43.09311	0.881262	3.48975	0.0002	3417.921	0.506787	1755.995	0.025766	12.41859	1	0
sd266	149.2856	2800.369	7.407428	52.91851	5.677557	112.0078	37.46284	0.809729	3.023977	0.000206	2571.297	0.540861	1514.481	0.030639	12.38254	1	0
sd267	144.99	3095.834	7.463229	55.64022	5.68429	124.5233	41.54179	1.169962	4.272729	0.000207	3273.406	0.477372	1494.974	0.030655	12.3977	1	0
sd268	143.62	3215.259	7.465034	56.70326	5.675028	125.8356	42.1079	1.329135	5.311714	0.000209	3237.339	0.496961	1599.111	0.026982	12.36853	1	0
sd269	140.4178	1716.713	6.999377	41.43323	5.466289	87.57333	29.0411	1.650458	5.055848	0.000277	1730.396	0.501222	869.4378	0.041922	12.05224	1	0
sd270	149.1478	2889.296	7.399399	53.75218	5.671057	112.3533	37.75584	1.049031	3.569387	0.00021	2526.288	0.56892	1667.043	0.029668	12.3636	1	0
sd271	149.5689	2298.866	7.260172	47.94649	5.549292	98.92444	33.23177	1.443672	5.272487	0.000232	2129.879	0.529299	1197.517	0.035832	12.2615	1	0
sd272	183.5756	3208.233	7.175041	56.64127	5.571531	119.4533	40.88182	5.384129	5.6413	0.000293	3211.832	0.496079	1580.925	0.032403	12.17974	1	0
sd273	125.9133	1436.771	6.821311	37.90476	5.420018	83.49778	27.65394	1.814047	5.729643	0.000313	1631.613	0.425345	603.8391	0.043804	11.92266	1	0
sd274	134.1378	2385.218	7.257952	48.83869	5.603825	105.7578	35.42752	1.68264	6.2804	0.000235	2428.151	0.487892	1156.665	0.034804	12.2618	1	0
sd275	154.6678	1165.43	6.830742	34.1384	5.475845	74.99111	25.03861	1.933071	7.384667	0.000309	1246.702	0.465601	543.1009	0.040489	11.94965	1	0
sd276	166.5822	666.0166	6.427212	25.8073	5.263169	59.94111	19.66888	2.266661	8.152662	0.000425	832.7823	0.364163	238.4796	0.05741	11.60212	1	0
sd277	152.2689	1021.828	6.704042	31.96604	5.331782	70.22222	23.61681	2.106038	7.257469	0.000363	1206.334	0.395215	394.1585	0.049216	11.78407	1	0
sd278	154.1844	706.0371	6.497595	26.57136	5.236333	59.36111	19.86534	2.209338	8.24512	0.000388	793.9496	0.42557	294.1014	0.055395	11.67068	1	0
sd279	164.39	592.6965	6.318462	24.34536	5.204921	58.55667	19.4328	2.138803	6.858098	0.000439	788.7592	0.326919	191.5521	0.05424	11.51774	1	0
sd280	115.5122	506.7551	6.290254	22.51122	5.246736	53.78444	18.13688	2.063547	6.675141	0.000436	639.1782	0.362458	181.6941	0.060562	11.53541	1	0
sd281	115.01	412.9532	6.095936	20.32125	5.139013	49.22444	16.43466	2.370729	8.360995	0.000528	546.6361	0.333456	136.7347	0.066542	11.28834	1	0
sd282	109.2044	608.986	6.425028	24.67764	5.301306	58.17889	19.24024	2.180482	8.093296	0.000394	729.0471	0.397201	240.1949	0.052765	11.66566	1	0
sd283	110.5778	535.1786	6.348581	23.13393	5.278524	57.65889	19.21027	2.034761	6.517566	0.000407	733.7306	0.308202	163.4414	0.051666	11.61496	1	0
sd284	119.7622	557.7921	6.332478	23.61762	5.270621	59.39222	19.5115	2.177175	7.309683	0.000422	790.3391	0.296014	166.1618	0.052406	11.58491	1	0
sd285	101.8511	664.1892	6.506117	25.77187	5.345177	62.10889	20.39888	1.822312	5.674377	0.000363	836.9083	0.373817	249.8073	0.050947	11.75234	1	0
sd286	100.9211	527.1717	6.334241	22.96022	5.25546	53.71444	17.92743	2.309763	8.783127	0.000439	627.1774	0.404704	213.1892	0.058597	11.54708	1	0
sd287	106.4467	615.2975	6.459349	24.80519	5.298111	58.92889	19.51642	2.039624	6.861465	0.000387	762.7926	0.37101	224.9667	0.053839	11.69287	1	0
sd288	106.09	455.6549	6.206566	21.34607	5.227846	51.40111	17.16417	2.352116	8.822368	0.000478	585.3179	0.362231	166.2203	0.064036	11.43047	1	0
sd289	113.7578	514.7422	6.284626	22.68793	5.237339	56.61556	18.74497	2.287298	7.767554	0.000443	713.7341	0.303573	155.5588	0.056777	11.51145	1	0
sd290	118.6622	503.8346	6.312635	22.44626	5.242283	53.62333	17.7407	2.171955	7.555576	0.000422	649.486	0.351466	175.9911	0.060121	11.56686	1	0
sd291	100.7056	424.337	6.160838	20.59944	5.133782	48.77889	16.1152	2.552361	9.863814	0.000527	528.7413	0.372953	157.2418	0.065518	11.33377	1	0
sd292	129.3178	530.4529	6.318458	23.03156	5.204189	55.45333	18.40482	2.292095	8.930836	0.00044	703.862	0.33276	175.5121	0.058098	11.53519	1	0
sd293	113.5578	559.3037	6.384195	23.6496	5.247665	56.09111	18.53435	2.121636	7.145253	0.00041	687.9689	0.385914	216.1726	0.05974	11.60781	1	0
sd294	160.5311	687.5485	6.498028	26.22115	5.31964	59.65667	20.03526	1.831026	5.797434	0.000367	778.2547	0.429427	292.8664	0.055345	11.75038	1	0

sd295	163.7211	718.7486	6.497018	26.80949	5.306125	60.32889	20.08577	1.986389	6.572239	0.000383	786.1533	0.45504	328.2178	0.053951	11.69746	1	0
sd296	154.5344	538.6985	6.289002	23.20988	5.264917	53.81222	17.97659	2.20376	7.84542	0.000453	644.7499	0.406164	220.4934	0.059538	11.48974	1	0
sd297	118.7822	616.8824	6.448362	24.83712	5.31929	60.44778	20.19596	1.9808	6.997239	0.000374	818.506	0.337492	208.4803	0.050193	11.70619	1	0
sd298	110.8444	524.9012	6.304551	22.91072	5.262447	55.66222	18.49205	2.198832	7.490836	0.000446	672.4805	0.352685	183.1979	0.05829	11.54121	1	0
sd299	114.9733	413.8302	6.153718	20.34282	5.12514	48.38889	15.99364	2.297678	7.773024	0.000513	532.4755	0.359845	149.6578	0.065742	11.34059	1	0
sd300	113.11	699.7554	6.534001	26.45289	5.337794	63.62889	21.21037	1.860356	6.287188	0.000339	860.1754	0.383594	267.6468	0.050694	11.82901	1	0
sd301	74.72	166.7068	5.549249	12.9115	4.805652	35.53444	11.74192	2.934694	11.42715	0.000892	279.1596	0.156606	25.91799	0.08016	10.59753	1	0
sd302	69.11778	283.1608	5.91873	16.82738	5.074977	46.97	15.45441	2.553559	9.625142	0.000558	452.8223	0.203784	57.94788	0.060686	11.19964	1	0
sd303	70.61333	145.3253	5.424749	12.05509	4.720911	31.21667	10.49692	3.160444	13.35753	0.001039	227.4948	0.205954	29.50294	0.080652	10.40999	1	0
sd304	68.44111	258.2157	5.868847	16.06909	5.035094	45.57	15.01205	2.532023	9.171657	0.00059	435.8251	0.16082	41.76068	0.05866	11.13668	1	0
sd305	73.82667	204.6907	5.685107	14.30702	4.909338	37.83667	12.58018	2.693665	9.641054	0.000773	304.4436	0.257384	52.75874	0.081929	10.8119	1	0
sd306	82.95778	397.9559	6.137694	19.94883	5.125025	49.43889	16.09633	2.449883	8.88692	0.00051	505.1579	0.375264	151.7184	0.062873	11.35861	1	0
sd307	70.30889	295.5018	5.914064	17.19017	5.021337	41.08778	13.50605	2.788074	10.87348	0.000671	377.0699	0.356052	104.2448	0.070407	11.04445	1	0
sd308	73.59889	336.7833	5.986398	18.35166	5.065669	42.73778	14.38655	3.07351	14.02033	0.000676	416.1861	0.380137	127.6149	0.072519	11.1052	1	0
sd309	85.58	490.9736	6.095392	22.15792	5.064925	47.82778	16.13624	2.822589	11.25135	0.000623	542.0425	0.367602	157.5396	0.072281	11.15125	1	0
sd310	70.38556	205.8768	5.609564	14.34841	4.846291	36.24	12.0075	3.647983	18.07222	0.000976	316.1536	0.227956	46.67426	0.08646	10.61254	1	0
sd311	121.0622	297.4889	5.909743	17.24787	4.95243	39.41	13.08363	2.272781	7.351183	0.000598	374.4582	0.370381	110.1397	0.076367	11.07811	1	0
sd312	108.2022	333.1315	6.012774	18.25189	4.923573	35.93556	12.02276	2.337929	8.270542	0.00061	309.4837	0.529185	173.9259	0.081418	11.08831	1	0
sd313	71.05333	214.9449	5.695021	14.661	4.905589	37.36333	12.32752	3.208248	13.93954	0.000842	334.5604	0.22788	49.37018	0.081438	10.78696	1	0
sd314	76.60333	199.8169	5.643633	14.13566	4.869908	36.21444	12.12148	2.899881	11.01922	0.000867	307.3498	0.231053	46.17629	0.088338	10.69281	1	0
sd315	81.38333	222.1232	5.695467	14.9038	4.881494	37.71556	12.48977	2.778793	10.46254	0.000774	320.5127	0.275957	61.07904	0.084421	10.79948	1	0
sd316	77.36778	256.4552	5.830013	16.01422	4.974927	39.56889	13.0516	2.621564	9.168024	0.000725	346.3563	0.320109	81.53643	0.074108	10.90412	1	0
sd317	76.18667	231.5669	5.735646	15.21732	4.912515	38.25444	12.80939	2.947124	11.82698	0.00085	348.5132	0.253248	59.09622	0.085314	10.77606	1	0
sd318	81.22444	293.2888	5.900713	17.12568	4.991013	40.99111	13.63262	2.805445	10.86211	0.000719	378.781	0.356172	104.7727	0.076945	10.98121	1	0
sd319	71.35778	192.1433	5.536078	13.86158	4.824118	35.83556	11.67317	3.734571	18.31123	0.001103	301.1136	0.225233	43.76834	0.090576	10.52921	1	0
sd320	77.24667	208.2105	5.664444	14.4295	4.888346	35.81333	11.97649	2.933912	11.30285	0.000888	308.6349	0.25181	51.93698	0.082309	10.67267	1	0
sd321	70.54444	241.3962	5.725127	15.53693	4.908316	37.67111	12.50382	3.248744	14.07245	0.000882	321.1206	0.334182	80.5871	0.086994	10.75109	1	0
sd322	118.53	391.4507	6.073982	19.78511	5.066851	45.46778	15.06609	2.832561	12.1763	0.000586	488.8917	0.378208	148.6855	0.067783	11.21792	1	0
sd323	87.29	368.4664	6.02465	19.19548	5.019876	46.10111	15.18519	2.796339	11.56753	0.00064	467.4996	0.356974	129.7658	0.076653	11.15781	1	0
sd324	75.96667	294.2748	5.93114	17.15444	5.025322	40.91444	13.77471	2.890517	12.1769	0.000649	381.6027	0.349538	102.5306	0.075428	11.06513	1	0
sd325	75.96	286.074	5.864524	16.91372	4.998053	40.69333	13.56472	2.881619	11.70726	0.000738	367.417	0.354113	100.7196	0.077111	10.95368	1	0
sd326	93.42111	520.4176	6.284627	22.81266	5.263169	48.65	16.1179	2.225929	8.094332	0.000448	501.7436	0.522091	274.0645	0.059191	11.4912	1	0
sd327	86.80556	449.8632	6.20968	21.20998	5.208778	46.90222	15.57005	2.21576	7.628817	0.000488	472.8914	0.47623	214.9843	0.061567	11.40535	1	0
sd328	79.12778	309.8246	5.935599	17.60184	4.987435	39.24667	13.00084	2.639384	9.64705	0.000683	346.9765	0.443317	138.1581	0.080416	11.00084	1	0
sd329	77.78667	386.4928	6.115657	19.65942	5.156859	43.94556	14.65838	2.337317	8.223972	0.000538	418.9433	0.466997	183.5309	0.068633	11.2821	1	0
sd330	78.74667	446.9458	6.207216	21.14109	5.174784	42.62	14.31506	2.169791	6.98879	0.000511	389.1368	0.55999	247.6223	0.072235	11.31985	1	0
sd331	79.80333	573.4997	6.372755	23.94785	5.24429	49.70556	16.52231	2.358794	8.861308	0.000448	517.1045	0.552743	319.5322	0.063821	11.49903	1	0
sd332	84.78333	355.894	5.999622	18.86515	5.082494	44.34	14.74952	2.902	11.91975	0.000655	446.1124	0.378063	135.5914	0.073168	11.12024	1	0
sd333	78.98111	238.9507	5.724301	15.45803	4.939347	36.88333	12.52867	2.700801	9.432992	0.000805	321.4657	0.325184	77.45469	0.073333	10.73004	1	0
sd334	75.76556	312.5623	5.883577	17.67943	4.964443	39.87556	13.3071	2.772893	10.32803	0.000755	364.6998	0.417469	130.6805	0.080732	10.90629	1	0
sd335	90.00444	550.8187	6.381338	23.46953	5.23936	51.36111	17.09329	2.162934	7.671202	0.000419	536.4335	0.507803	276.721	0.061716	11.57745	1	0
sd336	100.2833	372.2122	6.108818	19.2928	5.137943	45.4	14.92477	2.585476	10.18876	0.000552	439.4229	0.405103	149.6152	0.064742	11.2574	1	0
sd337	82.54889	322.4971	5.862079	17.9582	4.981347	40.00222	13.43664	3.200181	13.77113	0.000838	370.5923	0.432564	141.2537	0.081706	10.84955	1	0
sd338	103.1278	681.4842	6.083182	19.01274	5.109531	45.37778	15.01736	2.513041	9.286214	0.000549	444.7748	0.387088	140.4499	0.060923	11.26224	1	0
sd339	88.85333	433.7827	6.219528	20.82745	5.179392	46.88333	15.47442	2.288607	8.409993	0.000484	470.7704	0.458022	198.9222	0.067427	11.4036	1	0
sd340	82.94333	203.8043	5.617982	14.27601	4.813996	35.97	11.747	3.503884	16.30215	0.001011	302.2255	0.26067	53.2788	0.092942	10.63395	1	0

sd341	95.14889	234.7965	5.72763	15.32307	4.872869	37.31556	12.34415	3.153761	13.57842	0.000847	325.1321	0.301664	70.2247	0.083608	10.7661	1	0
sd342	81.26889	248.1345	5.748137	15.75229	4.936314	38.51111	13.01012	2.792039	10.50268	0.000788	349.0363	0.301534	75.3411	0.077293	10.82236	1	0
sd343	85.54	233.8482	5.632428	15.2921	4.786036	36.06556	11.99019	3.659293	17.48782	0.001086	302.0692	0.345113	79.59245	0.093335	10.57688	1	0
sd344	86.41111	314.4982	5.920869	17.7341	5.012241	41.06444	13.63678	3.283754	14.93181	0.000764	379.4931	0.40187	127.4866	0.077379	10.98062	1	0
sd345	102.2733	533.903	6.324202	23.10634	5.259624	51.51889	17.23064	2.079521	6.773761	0.000443	557.8388	0.47793	255.3377	0.060793	11.52842	1	0
sd346	76.68667	558.5402	6.354204	23.63346	5.256229	49.54444	16.50325	2.09999	7.078411	0.000442	500.6703	0.549502	305.3508	0.064172	11.51983	1	0
sd347	87.28	613.2274	6.396401	24.76343	5.286353	53.61333	17.86541	2.445325	10.02245	0.000446	587.9714	0.508933	304.6811	0.064569	11.55782	1	0
sd348	81.22889	513.2512	6.359199	22.65505	5.247591	50.13222	16.62086	2.121489	7.21065	0.000441	516.1663	0.491414	249.3693	0.061967	11.51721	1	0
sd349	85.21556	516.3562	6.333379	22.72347	5.242007	50.23889	16.608	2.522376	10.74203	0.000462	528.599	0.4876	251.5079	0.060995	11.50327	1	0
sd350	73.77222	391.7801	6.068648	19.79344	5.108799	44.58889	14.83701	2.659915	10.25337	0.000622	417.7628	0.464653	181.2983	0.073738	11.16614	1	0
sd351	159.2022	3321.018	7.39191	57.62827	5.633853	121.1211	41.40649	2.027509	10.82286	0.00023	3100.62	0.531051	1755.615	0.035196	12.33615	1	0
sd352	165.0978	3012.504	7.305105	54.88629	5.607374	115.0633	39.08933	1.97153	9.057296	0.00024	2942.067	0.513755	1554.258	0.032334	12.2631	1	0
sd353	135.4522	3465.785	7.561874	58.87092	5.721885	130.6367	43.933	0.864194	3.467402	0.00019	3549.427	0.487429	1687.664	0.020122	12.46625	1	0
sd354	161.85	2975.634	7.355868	54.54937	5.663949	118.9289	40.23663	1.458065	5.421156	0.000222	2917.677	0.508506	1509.331	0.028979	12.32007	1	0
sd355	141.59	3302.769	7.408703	57.46973	5.65525	118.0411	39.85314	1.6143	6.019227	0.000217	2797.401	0.579273	1925.786	0.029566	12.33554	1	0
sd356	157.7133	2679.847	7.190035	51.76723	5.586278	110.4378	37.24413	2.372181	11.5391	0.000271	2631.687	0.507415	1355.46	0.035543	12.18367	1	0
sd357	84.39	995.355	6.684226	31.54925	5.37074	63.33111	21.17375	2.376198	9.28688	0.000381	871.4482	0.564823	565.5325	0.05216	11.7623	1	0
sd358	155.5911	2680.829	7.296885	51.77673	5.642944	108.0022	36.2855	1.57304	5.990002	0.000232	2580.685	0.522186	1410.17	0.032939	12.27592	1	0
sd359	154.1033	1882.584	7.092886	43.38876	5.507795	90.88444	30.29201	1.65958	5.555167	0.000258	1827.505	0.51932	987.2052	0.040101	12.14078	1	0
sd360	140.2878	2874.038	7.346002	53.61006	5.596957	106.9489	36.06367	1.803177	6.655779	0.000246	2298.712	0.592418	1670.583	0.041425	12.23241	1	0
sd361	162.4933	1442.159	6.937269	37.97577	5.42427	81.07667	26.8728	1.981316	7.180427	0.000299	1470.996	0.484259	690.6018	0.045493	12.01357	1	0
sd362	154.4089	1101.833	6.781963	33.19386	5.424358	73.8	24.61122	1.819188	6.154358	0.00031	1198.816	0.45266	495.7209	0.04558	11.92953	1	0
sd363	155.9922	2544.682	7.266576	50.44484	5.552719	104.2711	35.24615	1.476567	4.995291	0.000232	2442.708	0.51693	1306.96	0.036247	12.25963	1	0
sd364	145.6944	3060.875	7.416468	55.32518	5.669737	118.7889	39.80847	1.202453	4.625239	0.000207	2873.373	0.533627	1643.867	0.030803	12.38157	1	0
sd365	149.6578	3414.228	7.477705	58.43139	5.679964	126.2989	42.85127	1.12511	4.514265	0.000199	3377.11	0.5103	1759.588	0.027749	12.41832	1	0
sd366	149.29	2780.433	7.386731	52.72981	5.689045	111.2222	37.1575	0.75635	2.79481	0.000208	2525.959	0.545724	1517.221	0.031272	12.36041	1	0
sd367	144.9578	3085.656	7.442826	55.54868	5.703354	124.7011	41.47215	1.160935	4.076165	0.000204	3263.987	0.477491	1491.385	0.026579	12.39897	1	0
sd368	143.6122	3213.33	7.486686	56.68624	5.687137	125.7556	42.07714	0.922978	3.320697	0.000198	3235.668	0.496337	1594.304	0.026442	12.4202	1	0
sd369	140.4511	1736.777	6.970258	41.67466	5.477722	88.65	29.52984	1.735651	5.694539	0.000288	1784.826	0.490652	859.656	0.044675	12.03037	1	0
sd370	149.1389	2899.677	7.474147	53.84865	5.680888	112.5811	37.87604	1.051403	3.468863	0.000209	2542.997	0.567144	1665.964	0.027167	12.3642	1	0
sd371	149.5867	2308.952	7.265086	48.05156	5.555211	99.42556	33.36215	1.208245	4.067075	0.000229	2134.468	0.530122	1204.068	0.033938	12.2714	1	0
sd372	183.5767	3220.353	7.103376	56.74816	5.47947	119.6211	41.01217	7.143865	83.64495	0.000438	3229.378	0.495601	1586.526	0.039823	12.03348	1	0
sd373	125.8867	1434.655	6.818143	37.87683	5.407413	83.30667	27.56094	1.869908	6.070042	0.000311	1617.571	0.428206	605.6855	0.044639	11.93148	1	0
sd374	134.1456	2366.147	7.270526	48.64306	5.619859	104.6711	35.01617	1.661214	5.759758	0.00024	2368.828	0.495722	1164.316	0.031517	12.24478	1	0
sd375	154.4967	1176.98	6.753095	34.30714	5.404894	75.12	25.0996	2.006216	7.060383	0.00033	1270.37	0.460893	543.0324	0.045591	11.8781	1	0
sd376	166.5867	671.1326	6.386535	25.90623	5.194323	60.33889	19.82746	2.455295	9.236193	0.000469	846.8559	0.358099	236.2187	0.060746	11.50921	1	0
sd377	152.2311	1011.528	6.65086	31.80453	5.298674	69.89111	23.4877	2.386682	8.547053	0.000398	1178.046	0.402118	396.1595	0.054653	11.65942	1	0
sd378	154.24	715.8044	6.506598	26.75452	5.243334	60.04	19.96996	1.895532	5.873468	0.000397	811.1661	0.421472	295.4779	0.060264	11.64336	1	0
sd379	164.4333	588.3393	6.354393	24.25571	5.207516	58.2	19.28784	2.37556	8.791984	0.000459	778.9693	0.330238	192.0419	0.05417	11.52438	1	0
sd380	115.5189	499.5558	6.301927	22.35075	5.241042	53.89778	17.90041	1.990998	6.375099	0.000433	616.7849	0.37448	184.6252	0.058418	11.5306	1	0
sd381	115.0689	408.5892	6.147273	20.21359	5.170724	48.82	16.30365	2.297205	7.944222	0.000486	536.5599	0.339452	137.8677	0.060596	11.37332	1	0
sd382	109.1122	605.6059	6.402706	24.60906	5.319124	58.31889	19.10677	1.85285	5.718303	0.000379	727.0487	0.395823	238.1604	0.052805	11.66536	1	0
sd383	110.5856	529.2129	6.326212	23.00463	5.265985	57.44556	19.08772	2.223227	7.786667	0.000421	719.6687	0.313816	164.5647	0.052645	11.56117	1	0
sd384	119.7589	562.6392	6.33561	23.72002	5.258666	59.40889	19.7264	1.978724	6.086935	0.000406	806.2812	0.288599	163.5449	0.04968	11.61561	1	0
sd385	101.9156	656.7203	6.45759	25.62656	5.341519	61.34222	20.21923	2.070407	7.531717	0.000379	817.1691	0.379969	250.3899	0.053715	11.70258	1	0
sd386	100.9111	530.5972	6.349882	23.0347	5.276376	53.96667	17.98584	2.245534	8.104734	0.000432	641.1896	0.396185	210.3537	0.055037	11.56257	1	0

sd387	106.4778	616.7348	6.450031	24.83415	5.307477	59.00444	19.62539	2.002136	6.533184	0.000395	769.9336	0.367679	223.8491	0.055109	11.67111	1	0
sd388	106.1478	456.3953	6.250224	21.36341	5.205022	51.46556	17.13694	2.11349	6.990012	0.000464	586.4793	0.363009	167.1115	0.06538	11.48559	1	0
sd389	113.7144	520.2732	6.33011	22.8095	5.235205	56.95889	18.92468	2.057709	6.79968	0.00042	726.2224	0.298509	154.5164	0.057519	11.57291	1	0
sd390	118.6778	508.5568	6.270607	22.5512	5.222862	53.88444	17.86792	1.999201	6.277969	0.000433	659.8812	0.347835	175.9752	0.059597	11.51684	1	0
sd391	100.6956	431.5557	6.231454	20.77392	5.210654	49.27667	16.30706	2.33175	8.436463	0.000473	544.0865	0.366726	157.5393	0.05871	11.44954	1	0
sd392	129.3056	535.7608	6.276483	23.14651	5.206069	55.80222	18.55466	2.121616	6.853941	0.000457	714.1531	0.329127	175.1797	0.057266	11.47594	1	0
sd393	113.5533	558.5166	6.394655	23.63296	5.27237	55.78	18.48784	2.175223	7.73892	0.000411	686.4874	0.386629	216.3581	0.060947	11.62955	1	0
sd394	160.5067	692.7018	6.503754	26.31923	5.317622	60.32556	20.16255	1.880926	6.00305	0.000374	794.8169	0.421426	289.4671	0.05685	11.72793	1	0
sd395	163.71	720.8802	6.532684	26.84921	5.313686	60.31556	20.16017	2.031828	6.960703	0.00037	793.388	0.453114	328.6753	0.052408	11.74198	1	0
sd396	154.6156	549.743	6.336996	23.4466	5.262898	54.73222	18.19482	1.960027	6.278548	0.00042	666.558	0.398144	220.4726	0.05904	11.56618	1	0
sd397	118.86	611.7891	6.463431	24.73437	5.33035	60.07444	19.99996	1.9681	6.98968	0.000358	807.1022	0.341589	209.3655	0.047784	11.75622	1	0
sd398	110.7567	529.201	6.381518	23.00437	5.278763	56.49444	18.70994	1.898292	6.041605	0.000393	684.9055	0.347852	182.6624	0.053509	11.6339	1	0
sd399	115.0044	420.9477	6.193037	20.51701	5.199058	48.73	16.20767	2.184762	7.261579	0.00047	541.4465	0.358625	151.3747	0.062283	11.40799	1	0
sd400	113.1189	701.7267	6.548349	26.49012	5.328496	63.95	21.32406	1.672231	4.920946	0.000341	864.5323	0.382106	267.3137	0.050475	11.82151	1	0
sd401	78.64083	454.1213	6.413672	21.31012	5.352302	50.89306	16.87458	1.631595	4.464219	0.00026	563.635	0.377479	170.886	0.05853	12.35762	1	0
sd402	78.11861	488.8892	6.45834	22.11084	5.369483	51.28611	17.17561	1.531916	4.207126	0.000246	568.0145	0.41496	201.4423	0.056519	12.40838	1	0
sd403	93.98167	378.2047	6.288778	19.44749	5.245363	42.70778	14.1746	1.667	4.535878	0.00031	403.7314	0.462021	173.3642	0.067747	12.08298	1	0
sd404	75.90083	663.9326	6.683909	25.76689	5.484878	56.07028	18.67681	1.133455	3.683681	0.000195	644.6093	0.513898	340.7339	0.051394	12.72977	1	0
sd405	84.86278	835.6411	6.838724	28.90746	5.553969	63.10333	21.11016	0.958331	2.534342	0.000154	820.4429	0.509536	426.1736	0.044394	12.98192	1	0
sd406	77.09861	456.5118	6.427062	21.36614	5.361918	50.06278	16.51504	1.557078	4.164407	0.00025	531.808	0.419011	191.771	0.057597	12.36886	1	0
sd407	86.98583	615.0037	6.600774	24.79927	5.433621	58.93528	19.57153	1.391256	3.780137	0.000202	768.2708	0.374751	230.2366	0.048731	12.66784	1	0
sd408	73.85278	484.0144	6.458246	22.00033	5.368409	51.52556	17.052	1.619447	4.587278	0.000248	573.3377	0.409571	198.8574	0.058166	12.4131	1	0
sd409	98.89889	381.3201	6.267152	19.52742	5.192102	45.23611	14.82269	1.730639	4.732044	0.000305	476.9567	0.375196	143.2065	0.061549	12.09703	1	0
sd410	130.2983	512.2783	6.493967	22.63357	5.363257	52.5625	17.33693	1.597776	4.339753	0.000238	600.254	0.412163	210.4344	0.055028	12.46276	1	0
sd411	117.5072	374.9002	6.248472	19.36234	5.209386	44.83	14.788	1.879924	5.424201	0.000327	459.3128	0.387985	145.5901	0.062713	12.05151	1	0
sd412	93.07611	422.7572	6.347804	20.56106	5.225168	46.28806	15.23303	1.662345	4.406586	0.000288	500.6142	0.412715	175.9032	0.060602	12.20347	1	0
sd413	121.5928	1098.335	7.050712	33.14114	5.604968	68.53972	22.86519	0.831511	2.309103	0.000132	1013.772	0.538048	590.3839	0.04129	13.21346	1	0
sd414	150.1067	858.9367	6.873468	29.30762	5.523694	63.16056	20.86995	1.041713	2.747704	0.000156	848.3067	0.50413	431.2188	0.045524	12.9867	1	0
sd415	153.6958	870.1361	6.883273	29.49807	5.54932	65.41944	21.57429	1.021474	2.739532	0.000151	905.8979	0.479609	417.4516	0.044363	13.0354	1	0
sd416	139.045	632.9399	6.655771	25.1583	5.434402	55.81611	18.57043	1.239813	3.098847	0.000199	675.9964	0.464271	292.9148	0.052633	12.67089	1	0
sd417	120.9558	839.9772	6.851124	28.98236	5.512521	61.84417	20.47848	1.107027	2.909809	0.000162	796.5474	0.522266	435.3992	0.046316	12.9445	1	0
sd418	155.9611	592.0063	6.611675	24.33118	5.430361	54.62694	18.08612	1.331478	3.467315	0.000203	649.7106	0.451128	267.0042	0.050732	12.63044	1	0
sd419	153.9919	1485.336	7.265021	38.54005	5.632908	72.25472	23.9323	0.623365	2.115892	0.000112	1051.92	0.64496	955.45	0.042379	13.4199	1	0
sd420	127.7811	745.4292	6.759885	27.30255	5.535737	64.41778	21.34686	1.118784	2.817098	0.000165	907.4164	0.391781	292.2534	0.04145	12.90201	1	0
sd421	132.4397	598.4515	6.604184	24.46327	5.416507	55.73278	18.45883	1.288348	3.237487	0.000202	683.3707	0.429751	257.5013	0.050443	12.63316	1	0
sd422	114.8589	896.1679	6.903035	29.93606	5.544541	65.03556	21.44925	1.061261	2.779018	0.000152	892.9986	0.502204	450.4528	0.041719	13.02544	1	0
sd423	155.5703	1677.138	7.32558	40.95288	5.613459	73.24944	24.37667	0.613002	2.157775	0.000109	1132.352	0.660689	1102.429	0.041608	13.45859	1	0
sd424	124.7686	575.5844	6.576624	23.99134	5.418047	56.04167	18.50431	1.390566	3.57787	0.00021	676.842	0.411647	236.7798	0.051196	12.59575	1	0
sd425	156.6442	713.2824	6.727547	26.70735	5.445937	57.42056	19.05286	1.201363	3.030208	0.000184	727.5056	0.482777	339.5279	0.047673	12.76597	1	0
sd426	191.1139	2170.268	7.114528	46.58614	5.52046	83.34111	28.51038	0.980392	120.0965	0.000579	1504.343	0.653407	1418.018	0.053075	13.07912	1	0
sd427	166.4519	1673.741	7.323945	40.91138	5.661814	75.00139	24.79344	0.411088	1.82548	0.000104	1145.346	0.658851	1105.988	0.038824	13.50347	1	0
sd428	154.5278	1382.501	7.210855	37.182	5.552325	62.9775	20.85282	0.571659	1.934246	0.000123	834.7668	0.697728	963.4376	0.04523	13.28357	1	0
sd429	86.085	888.7752	6.892191	29.81233	5.383842	51.055	17.00869	0.87664	2.336956	0.000169	574.9192	0.674872	596.6821	0.054762	12.85367	1	0
sd430	126.5906	575.3483	6.57518	23.98642	5.406643	55.36639	18.35938	1.402685	3.580193	0.00021	694.5301	0.400764	232.2477	0.050579	12.59463	1	0
sd431	123.9139	667.9831	6.687587	25.84537	5.43754	56.99556	18.82187	1.261056	3.196051	0.000189	696.8909	0.479969	321.6023	0.049499	12.73362	1	0
sd432	116.155	1291.828	7.164355	35.94201	5.635038	74.60694	24.67179	0.765426	2.256826	0.000118	1152.558	0.555802	721.0692	0.039951	13.35869	1	0

sd433	167.4764	1319.665	7.154124	36.32719	5.602125	71.81028	23.82195	0.730299	2.265954	0.000121	1063.847	0.598444	792.7321	0.039943	13.32448	1	0
sd434	196.2069	1769.918	6.996371	42.07039	5.510309	83.06222	28.26058	8.548103	110.7887	0.000543	1437.239	0.59518	1056.538	0.052025	13.0128	1	0
sd435	170.2094	1130.84	7.059994	33.62797	5.628219	75.58167	25.03598	0.699676	2.105722	0.00012	1158.432	0.484445	544.2649	0.037646	13.30791	1	0
sd436	170.3058	1125.876	7.057455	33.55408	5.608765	70.09694	23.32183	0.696426	2.064342	0.000126	1018.166	0.545304	610.528	0.041515	13.24261	1	0
sd437	174.4019	1564.254	7.199382	39.55066	5.615184	78.24861	26.08731	0.972341	4.361879	0.000125	1285.999	0.588158	918.2774	0.039719	13.39417	1	0
sd438	123.7786	527.5645	6.525438	22.96877	5.387009	53.11583	17.54542	1.308385	3.291427	0.000222	637.0603	0.395218	208.1559	0.056309	12.51103	1	0
sd439	124.0036	1371.698	7.199009	37.03644	5.682509	85.75917	28.35927	0.790753	2.331399	0.000109	1572.337	0.428837	590.2655	0.033087	13.47167	1	0
sd440	131.1814	807.0805	6.810208	28.40916	5.518716	66.8325	21.8917	1.176491	2.968705	0.000163	959.9112	0.40507	326.7867	0.042169	12.94362	1	0
sd441	123.5619	1808.706	7.36291	42.52889	5.716011	97.39972	32.17487	0.777979	2.533115	0.000096	2006.764	0.447832	813.7847	0.029432	13.64029	1	0
sd442	145.1758	499.9316	6.481889	22.35915	5.353057	50.38583	16.66127	1.522335	3.994067	0.000243	557.7026	0.439137	218.3311	0.054566	12.42081	1	0
sd443	127.9781	689.3268	6.698231	26.25503	5.453658	57.13056	18.88838	1.205222	2.990256	0.000191	690.2413	0.495595	339.093	0.049047	12.71551	1	0
sd444	116.5742	2222.654	7.509253	47.14503	5.734897	104.7386	34.87356	0.660685	2.462212	0.000085	2339.768	0.473765	1053.238	0.029608	13.7852	1	0
sd445	116.8219	2595.962	7.619655	50.95059	5.785347	113.4806	37.71093	0.352302	2.102042	0.000076	2630.946	0.493816	1283.332	0.027225	13.91574	1	0
sd446	164.7531	2691.967	7.496227	51.88416	5.715458	106.5389	35.8444	4.142691	43.01399	0.000125	2439.24	0.547377	1474.94	0.033398	13.73213	1	0
sd447	156.9614	1173.871	7.087043	34.2618	5.576688	76.78639	25.35901	0.924448	2.598774	0.000125	1291.982	0.449733	527.9689	0.037753	13.29523	1	0
sd448	164.6853	2503.777	7.495264	50.03775	5.734969	106.1611	35.54689	1.982434	15.9702	0.000099	2436.078	0.512436	1280.173	0.031997	13.76734	1	0
sd449	168.3606	2368.261	7.450092	48.66478	5.683546	95.90806	31.92546	2.196611	18.9882	0.000112	2000.949	0.578304	1372.028	0.034259	13.66921	1	0
sd450	152.9294	1429.714	7.210079	37.81156	5.630907	85.02056	28.23535	0.868739	2.693252	0.000111	1578.648	0.447867	640.2669	0.035484	13.45938	1	0
sd451	133.4361	1931.76	7.434102	43.95179	5.682887	92.45944	30.6263	0.491122	1.979834	0.000091	1828.985	0.5261	1015.222	0.030962	13.69053	1	0
sd452	136.4939	1634.74	7.262285	40.43192	5.670822	94.48806	31.36317	0.915945	2.603989	0.00011	1989.927	0.389929	635.9346	0.03419	13.49638	1	0
sd453	145.1636	1507.249	7.2037	38.82331	5.654694	90.59167	30.05535	0.827774	2.714892	0.000113	1835.12	0.393959	596.4636	0.034701	13.45381	1	0
sd454	130.9528	1468.522	7.234771	38.3213	5.657478	91.89639	30.32705	0.937939	2.374839	0.000108	1832.389	0.373677	546.621	0.03506	13.49771	1	0
sd455	157.7439	1398.73	7.118198	37.39959	5.626841	91.07722	30.19815	1.096179	3.072253	0.000124	1913.697	0.318858	447.923	0.036135	13.55508	1	0
sd456	141.3872	1493.881	7.127649	38.65075	5.632673	84.63306	28.1454	1.083948	3.066929	0.00013	1585.611	0.46893	700.0411	0.039073	13.29478	1	0
sd457	132.0622	1709.73	7.227894	41.34888	5.62792	85.00333	28.13948	1.104246	3.276985	0.000122	1630.483	0.525319	902.2088	0.035791	13.37602	1	0
sd458	131.0511	1631.249	7.310017	40.38872	5.709273	93.24111	30.76797	0.760731	2.353867	0.000102	1835.994	0.43715	712.9826	0.034045	13.56518	1	0
sd459	134.4806	2018.59	7.450764	44.92873	5.745918	98.58722	32.70653	0.456798	1.948651	0.000089	2103.891	0.475261	952.7571	0.031173	13.71602	1	0
sd460	124.8122	1955.11	7.412516	44.21663	5.728738	100.3483	33.27207	0.732481	2.590879	0.000094	2163.383	0.445834	870.2359	0.031168	13.68246	1	0
sd461	122.9961	2275.432	7.527599	47.70149	5.75949	109.3431	36.00532	0.590088	2.268585	0.000082	2587	0.432293	984.9625	0.026809	13.82271	1	0
sd462	132.8214	2041.901	7.446368	45.1874	5.722711	98.35722	32.56512	0.620945	2.28704	0.000091	2100.187	0.48609	993.2481	0.031476	13.71195	1	0
sd463	130.5639	1994.288	7.435421	44.65745	5.717564	101.6925	33.71215	0.747876	2.468381	0.000091	2281.747	0.427114	850.5746	0.029522	13.71062	1	0
sd464	134.2544	1974.256	7.441095	44.4326	5.735814	98.66667	32.66417	0.566493	2.159382	0.00009	2114.789	0.463587	913.8395	0.030593	13.71468	1	0
sd465	130.1353	2663.62	7.626306	51.61027	5.797973	118.9753	39.47446	0.502397	2.262386	0.000075	3113.253	0.415894	1108.347	0.026302	13.93327	1	0
sd466	120.4006	2712.876	7.654005	52.08528	5.811625	117.3033	39.18686	0.286471	1.983483	0.000073	2959.398	0.452548	1223.185	0.025691	13.97263	1	0
sd467	111.6056	2909.717	7.635057	53.94179	5.804645	127.4067	42.34739	0.98733	5.169604	0.000075	3551.926	0.390088	1135.871	0.023952	13.95968	1	0
sd468	117.4825	2477.708	7.594596	49.77658	5.808961	112.2614	37.15279	0.364504	1.890513	0.000076	2660.609	0.464347	1153.217	0.025991	13.91423	1	0
sd469	114.5228	2730.63	7.626762	52.25543	5.808463	121.6958	40.45747	0.425081	2.212479	0.000074	3242.087	0.406014	1108.052	0.024942	13.94735	1	0
sd470	128.5678	2283.89	7.535583	47.79006	5.762297	112.6297	37.16827	0.598055	2.355642	0.00008	2766.714	0.394055	899.6157	0.027294	13.86081	1	0
sd471	112.4103	2956.794	7.644717	54.37641	5.810946	126.8956	42.18889	0.936837	4.929917	0.000074	3477.997	0.411447	1215.701	0.022564	13.96968	1	0
sd472	115.2958	2429.702	7.564392	49.29201	5.781132	115.92	38.2405	0.550473	2.084228	0.00008	2914.973	0.39949	969.595	0.025574	13.87187	1	0
sd473	134.3494	1981.731	7.435902	44.51663	5.732003	103.2672	34.18726	0.631336	2.281294	0.000087	2360.843	0.404222	800.888	0.030415	13.7463	1	0
sd474	166.9539	1639.476	7.297388	40.49044	5.691293	98.64056	32.85652	0.652934	2.101989	0.000097	2151.24	0.340302	554.8546	0.030729	13.61617	1	0
sd475	124.0556	1809.877	7.367368	42.54265	5.70503	99.65333	32.85382	0.869091	2.750258	0.000098	2152.954	0.403	726.6685	0.031182	13.6334	1	0
sd476	111.7447	2115.371	7.456982	45.99316	5.749158	110.0808	36.20288	0.596022	2.146311	0.000087	2659.611	0.37004	781.1296	0.026371	13.76815	1	0
sd477	125.7686	1979.63	7.434047	44.49303	5.733376	105.1106	34.7861	0.678555	2.307583	0.000089	2361.02	0.40405	800.3776	0.027474	13.72834	1	0
sd478	151.0331	1737.527	7.346772	41.68365	5.724783	101.87	33.44354	0.656473	2.266062	0.000092	2200.941	0.369704	645.4878	0.028228	13.67833	1	0

sd479	158.8181	2108.45	7.460442	45.91786	5.75282	104.7803	34.68416	0.387109	2.018746	0.000085	2350.109	0.43948	921.3098	0.029837	13.77805	1	0
sd480	145.2661	2590.867	7.605525	50.90056	5.796398	119.6547	39.77125	0.504795	2.261977	0.000076	3132.012	0.395054	1022.665	0.022972	13.92528	1	0
sd481	141.9339	2234.306	7.497613	47.26844	5.728406	106.9806	35.56093	0.593865	2.160862	0.000087	2515.366	0.437246	977.1896	0.030884	13.77507	1	0
sd482	125.4164	2740.843	7.633624	52.35306	5.809845	122.7833	40.53743	0.419077	1.974477	0.000074	3179.944	0.419571	1149.332	0.024734	13.94921	1	0
sd483	151.7347	1676.615	7.318653	40.94649	5.697647	97.71667	32.28067	0.688147	2.193393	0.000097	2104.487	0.373444	627.1643	0.031725	13.62425	1	0
sd484	150.3386	1572.273	7.272403	39.6519	5.691943	95.32278	31.42646	0.701319	2.210314	0.0001	1988.199	0.364867	571.0843	0.030739	13.5733	1	0
sd485	119.0114	2908.162	7.681689	53.92738	5.775414	110.1606	36.6364	0.268735	2.029964	0.000076	2593.542	0.555275	1619.121	0.028501	13.951	1	0
sd486	138.8106	2505.477	7.580388	50.05474	5.788323	117.2775	38.90444	0.473702	2.116681	0.000077	3003.488	0.399989	1001.115	0.025399	13.90676	1	0
sd487	133.0636	2454.975	7.572349	49.54771	5.787443	113.6678	37.6647	0.378745	1.999425	0.000078	2748.347	0.44046	1081.726	0.026821	13.89779	1	0
sd488	125.9656	2688.32	7.630975	51.84901	5.821975	126.6789	41.95423	0.331746	1.907915	0.000072	3541.806	0.342326	921.7736	0.02355	13.98774	1	0
sd489	125.5231	1960.945	7.440523	44.28256	5.753428	108.6233	35.87736	0.540381	2.124872	0.000085	2605.284	0.333813	652.7293	0.026763	13.78226	1	0
sd490	141.5642	2840.404	7.658947	53.29544	5.802331	123.6881	41.28697	0.231213	2.014259	0.000072	3388.934	0.403696	1147.148	0.025094	13.99113	1	0
sd491	146.6353	2398.198	7.540948	48.9714	5.757989	110.4403	36.78482	0.518935	2.350165	0.000083	2624.654	0.452487	1084.561	0.028375	13.84513	1	0
sd492	127.7006	2558.792	7.608833	50.5845	5.795066	118.3331	39.16714	0.407119	2.110045	0.000075	3020.609	0.409394	1046.905	0.02493	13.93665	1	0
sd493	115.8153	2570.066	7.607165	50.69582	5.796466	114.5794	37.89276	0.445832	2.153007	0.000075	2877.189	0.439847	1129.624	0.023581	13.93188	1	0
sd494	115.1533	2383.771	7.56063	48.82388	5.807048	113.8844	37.575	0.432783	2.081146	0.000078	2714.922	0.433111	1037.119	0.024306	13.88785	1	0
sd495	133.2675	3343.292	7.745656	57.82121	5.82846	125.1497	41.78283	0.49018	2.640411	0.000068	3329.449	0.502726	1682.98	0.024306	14.05508	1	0
sd496	163.1964	2042.285	7.409089	45.19165	5.698528	98.60194	32.88536	0.773548	3.279766	0.000095	2156.714	0.465164	937.8799	0.031843	13.69787	1	0
sd497	174.0375	2370.079	7.418741	48.68346	5.70399	111.9489	37.51709	2.729363	24.40235	0.000117	2781.404	0.417224	995.6394	0.032734	13.7271	1	0
sd498	159.9747	2066.366	7.439954	45.4573	5.724439	102.0047	33.59641	0.483597	2.162788	0.000088	2205.152	0.464945	958.1015	0.028757	13.73611	1	0
sd499	156.0325	2128.176	7.46518	46.13216	5.766081	113.24	37.48951	0.522698	2.109261	0.000083	2770.441	0.350133	746.3256	0.027379	13.81071	1	0
sd500	152.1511	2198.544	7.510614	46.88863	5.778501	113.1825	37.38544	0.44317	2.109694	0.000081	2792.582	0.365871	805.6109	0.02577	13.84539	1	0
sd501	78.6525	499.88	6.494913	22.358	5.402407	55.14556	18.22127	1.438553	3.718401	0.000221	661.6778	0.332222	167.5791	0.050234	12.52257	1	0
sd502	78.11694	526.7468	6.525501	22.95097	5.420458	54.68806	18.22917	1.423655	3.710013	0.00022	646.4183	0.382741	200.4106	0.053138	12.53892	1	0
sd503	94.00667	414.8535	6.361716	20.36795	5.283993	46.46167	15.38736	1.481192	3.725323	0.000262	480.4391	0.417025	171.8389	0.059215	12.26323	1	0
sd504	75.93111	704.2937	6.731061	26.53853	5.507989	59.18028	19.70219	1.262109	3.43341	0.000182	727.4338	0.482732	339.4325	0.049263	12.80979	1	0
sd505	84.87528	880.9139	6.874437	29.68019	5.578219	66.06694	22.0895	0.925382	2.477511	0.000145	910.5027	0.483767	426.6212	0.04364	13.05969	1	0
sd506	77.13722	489.7733	6.478787	22.13082	5.381736	53.08556	17.43158	1.525251	4.067081	0.000234	599.4255	0.390244	191.8164	0.052179	12.46855	1	0
sd507	87.03222	665.4332	6.67172	25.79599	5.489095	62.86114	20.80532	1.252415	3.306733	0.000179	873.9313	0.343178	228.3073	0.042962	12.80958	1	0
sd508	73.87333	524.1223	6.527672	22.89372	5.409692	55.18583	18.18355	1.47546	3.927616	0.000219	658.0458	0.373682	196.3057	0.051871	12.54432	1	0
sd509	98.95361	420.4605	6.346144	20.50513	5.232088	49.04639	16.04862	1.641085	4.453215	0.000269	558.8929	0.335785	141.2706	0.057355	12.24854	1	0
sd510	130.3419	553.7483	6.549252	23.53186	5.398152	55.89778	18.41438	1.483665	3.926467	0.000218	682.1504	0.382693	211.4461	0.050114	12.56599	1	0
sd511	117.5422	406.3794	6.307524	20.15886	5.25117	48.025	15.7583	1.813454	5.122583	0.0003	525.2519	0.354824	144.4348	0.060101	12.1698	1	0
sd512	93.15333	456.1482	6.406585	21.35763	5.264219	49.68333	16.28022	1.55099	3.969926	0.00026	573.6326	0.376578	173.2516	0.057523	12.31542	1	0
sd513	121.5972	1146.279	7.073771	33.85674	5.617071	71.4575	23.82769	0.824011	2.355978	0.000125	1109.865	0.515689	590.8869	0.040219	13.27902	1	0
sd514	150.1331	906.8589	6.912953	30.1141	5.558837	66.44306	21.91818	0.989934	2.635584	0.000145	943.7755	0.477545	431.3241	0.042054	13.07118	1	0
sd515	153.7319	921.3638	6.924958	30.35398	5.575137	68.7225	22.63811	0.990468	2.675687	0.000143	1012.851	0.450309	414.8653	0.04155	13.09793	1	0
sd516	139.0283	673.8414	6.698098	25.95846	5.472787	59.06472	19.58913	1.216367	3.126359	0.000186	758.093	0.435612	292.5592	0.050329	12.76232	1	0
sd517	120.9672	887.4271	6.889358	29.78972	5.539106	65.16917	21.54125	1.077697	2.875939	0.00015	894.3523	0.492824	434.5216	0.04216	13.03821	1	0
sd518	156.0042	627.8008	6.651535	25.05595	5.445855	57.42361	18.99248	1.250637	3.126935	0.00019	721.4444	0.425567	267.2395	0.0479	12.7168	1	0
sd519	153.9889	1525.788	7.280934	39.06134	5.652081	74.74278	24.71876	0.591007	2.019783	0.000109	1128.318	0.629352	957.929	0.039689	13.45124	1	0
sd520	127.7869	796.4572	6.806549	28.22157	5.53568	68.12611	22.454	1.11358	2.881851	0.000158	1015.499	0.363384	289.8259	0.0411	12.97315	1	0
sd521	132.445	641.3212	6.658781	25.32432	5.470935	59.24528	19.57042	1.210699	3.054986	0.000185	769.5368	0.400709	257.2706	0.044403	12.74757	1	0
sd522	114.9003	945.2251	6.938925	30.74451	5.559589	68.00417	22.50677	1.009659	2.70373	0.000142	993.6046	0.475039	449.5575	0.041348	13.10944	1	0
sd523	155.5689	1720.774	7.350509	41.48221	5.643506	76.32667	25.28251	0.597612	2.180242	0.000103	1232.695	0.640254	1096.935	0.036713	13.53073	1	0
sd524	124.7861	609.7336	6.624059	24.69279	5.44814	58.80139	19.3731	1.381483	3.706759	0.000198	745.0085	0.389092	237.2505	0.046536	12.68309	1	0

sd525	156.6669	751.911	6.760523	27.421	5.448375	60.3875	20.02389	1.210415	3.058098	0.000176	809.9421	0.454585	337.5299	0.04729	12.83549	1	0
sd526	190.8525	2179.497	7.209361	46.68509	5.60268	84.925	28.94405	4.701587	48.54826	0.000232	1568.897	0.640161	1395.548	0.045039	13.25664	1	0
sd527	166.4658	1727.227	7.346683	41.55992	5.671485	77.95917	25.75644	0.441368	1.950128	0.0001	1247.981	0.639819	1108.447	0.035671	13.55038	1	0
sd528	154.5569	1427.47	7.231426	37.78187	5.582537	65.92194	21.8271	0.589834	2.068021	0.000117	921.8316	0.67677	965.0509	0.043691	13.35585	1	0
sd529	86.11806	929.0816	6.933464	30.48084	5.419185	54.38972	18.05759	0.824889	2.129585	0.000157	655.9479	0.645432	597.0213	0.053023	12.95503	1	0
sd530	126.5972	612.7191	6.626768	24.75316	5.422298	58.25194	19.3072	1.328479	3.368309	0.000193	769.2486	0.376728	232.4812	0.046533	12.70333	1	0
sd531	123.9264	708.7512	6.737347	26.62238	5.472302	60.05222	19.78074	1.259129	3.290953	0.000178	776.2126	0.454515	323.3818	0.04737	12.83024	1	0
sd532	116.1994	1343.89	7.195654	36.6591	5.649213	77.64472	25.61674	0.728852	2.245257	0.000111	1255.458	0.535189	722.776	0.036201	13.4327	1	0
sd533	167.4639	1365.211	7.188769	36.94877	5.612806	74.93194	24.80934	0.702592	2.240313	0.000114	1164.208	0.575497	789.1556	0.03922	13.39703	1	0
sd534	195.9161	1788.973	7.088915	42.29626	5.583787	84.66167	28.78501	4.490248	45.47583	0.000223	1508.233	0.579585	1039.625	0.044866	13.20226	1	0
sd535	170.2203	1180.246	7.091341	34.3547	5.629514	78.48	25.96634	0.675853	2.082469	0.000115	1262.864	0.461734	541.6533	0.036424	13.36903	1	0
sd536	170.3217	1171.688	7.091452	34.22992	5.62077	72.89694	24.21971	0.645946	1.948665	0.000118	1107.289	0.525426	612.9689	0.037969	13.32234	1	0
sd537	174.3189	1602.764	7.227124	40.03453	5.642029	81.00833	26.8973	0.640394	2.465979	0.00011	1379.416	0.569072	910.8091	0.035798	13.46261	1	0
sd538	123.8072	564.4752	6.576138	23.75869	5.409874	56.37	18.58969	1.226097	3.038318	0.000202	713.57	0.367423	207.2332	0.050594	12.6265	1	0
sd539	123.9928	1425.596	7.220497	37.75707	5.682697	88.95722	29.24028	0.825597	2.435234	0.000106	1680.009	0.412943	590.8696	0.030902	13.49989	1	0
sd540	131.215	849.4258	6.849292	29.14491	5.547861	69.3725	22.77089	1.145951	2.93806	0.000156	1047.672	0.383402	325.7229	0.039303	12.99935	1	0
sd541	123.5778	1859.495	7.393474	43.12186	5.718158	99.82167	32.93555	0.672979	2.298443	0.000091	2106.349	0.436384	815.4292	0.028909	13.69877	1	0
sd542	145.1647	539.8992	6.539157	23.23573	5.37744	53.78139	17.73046	1.430903	3.69398	0.000219	638.2585	0.406102	218.2177	0.051371	12.54055	1	0
sd543	128.0128	726.8845	6.730731	26.9608	5.458297	60.10861	19.80341	1.22517	3.162147	0.000183	766.7815	0.46919	338.8847	0.046987	12.78444	1	0
sd544	116.6408	2273.082	7.540255	47.67685	5.754044	107.1822	35.61905	0.553453	2.113497	0.000083	2444.568	0.46256	1051.984	0.027363	13.82212	1	0
sd545	116.8728	2655.346	7.639262	51.53005	5.782615	116.0075	38.51509	0.422704	2.181641	0.000074	2755.822	0.481622	1280.209	0.027332	13.94881	1	0
sd546	164.6256	2734.813	7.545817	52.29544	5.754853	108.8072	36.55577	1.70579	14.59948	0.000091	2554.255	0.533305	1459.409	0.029916	13.8243	1	0
sd547	156.9722	1232.458	7.111173	35.10639	5.594991	80.29444	26.47597	0.898379	2.525402	0.000119	1418.308	0.424671	523.4517	0.037165	13.34978	1	0
sd548	164.5328	2553.335	7.524239	50.53053	5.737428	108.7506	36.3451	1.169821	8.52176	0.00009	2558.181	0.497542	1266.575	0.03056	13.81843	1	0
sd549	168.2708	2407.444	7.491789	49.06571	5.720756	97.86111	32.60729	0.601913	4.657124	0.00009	2098.523	0.565087	1363.315	0.032271	13.75382	1	0
sd550	152.9342	1481.966	7.246105	38.49631	5.64819	87.98028	29.15805	0.761199	2.360062	0.000103	1688.239	0.430461	637.9896	0.03338	13.53732	1	0
sd551	133.4219	1988.28	7.456717	44.59014	5.703654	95.22222	31.5521	0.531199	2.114773	0.000088	1948.347	0.509561	1012.158	0.029376	13.73492	1	0
sd552	136.4822	1682.404	7.291871	41.01712	5.682417	96.64417	32.09654	0.912109	2.641394	0.000106	2088.767	0.377585	633.571	0.031814	13.54749	1	0
sd553	145.1447	1551.845	7.233219	39.39346	5.663315	93.21556	30.89077	0.8565	2.503749	0.000106	1930.727	0.380515	592.97	0.034627	13.50792	1	0
sd554	130.9019	1526.037	7.268466	39.06453	5.680847	94.87139	31.27636	0.779832	2.309271	0.000102	1953.953	0.35727	543.0642	0.032333	13.55455	1	0
sd555	157.6969	1435.038	7.154566	37.88189	5.63592	93.28639	30.92297	0.98045	2.690168	0.000117	1996.5	0.307236	442.7166	0.034027	13.40299	1	0
sd556	141.3386	1536.487	7.170095	39.19805	5.655319	87.08278	28.96605	1.041288	2.944417	0.000122	1677.11	0.454054	697.4131	0.035395	13.36956	1	0
sd557	132.0358	1762.23	7.252785	41.97892	5.634221	87.82222	29.07517	0.995234	2.874473	0.000116	1743.952	0.507421	898.2487	0.035772	13.43166	1	0
sd558	131.0781	1691.575	7.344284	41.12876	5.716356	96.16417	31.71181	0.718419	2.323718	0.000097	1960.808	0.4205	711.406	0.030896	13.61759	1	0
sd559	134.4769	2079.275	7.46933	45.59907	5.752664	101.2844	33.58314	0.479898	1.999179	0.000087	2221.053	0.461734	952.6299	0.028828	13.75171	1	0
sd560	124.8375	2014.437	7.438578	44.88248	5.755261	102.9344	34.10734	0.64008	2.214098	0.000089	2278.331	0.433566	871.9518	0.027589	13.72987	1	0
sd561	123.0444	2328.513	7.562138	48.25466	5.774244	111.3592	36.76072	0.469525	1.974116	0.00008	2703.715	0.420282	980.0638	0.026382	13.86586	1	0
sd562	132.8067	2097.789	7.463774	45.80163	5.736941	101.0681	33.41468	0.528727	2.05085	0.000089	2221.568	0.470768	988.0762	0.030359	13.72685	1	0
sd563	130.5869	2053.134	7.467504	45.31152	5.739846	104.1981	34.51365	0.7807	2.663752	0.000089	2404.054	0.413836	848.6395	0.028567	13.74882	1	0
sd564	134.2519	2030.229	7.466242	45.05806	5.745288	101.2547	33.50722	0.515997	2.029576	0.000087	2227.368	0.450601	913.4096	0.03034	13.75131	1	0
sd565	130.1392	2726.292	7.648765	52.2139	5.808706	121.7228	40.35372	0.520711	2.374265	0.000073	3252.082	0.404137	1102.841	0.023663	13.9719	1	0
sd566	120.4853	2758.985	7.667751	52.52604	5.810829	119.1386	39.77635	0.257447	1.985137	0.000072	3059.755	0.443527	1219.362	0.025749	13.98302	1	0
sd567	111.6678	2953.967	7.670438	54.35041	5.812592	129.0936	42.8931	0.525896	2.331578	0.000071	3645.017	0.383461	1133.522	0.02333	13.99839	1	0
sd568	117.5403	2532.702	7.612129	50.32596	5.802692	114.5608	37.91546	0.48016	2.061849	0.000076	2778.31	0.453045	1150.641	0.024288	13.9138	1	0
sd569	114.5467	2782.511	7.670983	52.74952	5.81233	123.5522	41.09467	0.340945	1.913022	0.000071	3346.859	0.398159	1107.09	0.025658	13.99316	1	0
sd570	128.58	2342.239	7.557612	48.39669	5.787688	114.9853	37.94111	0.565014	2.240906	0.000079	2886.946	0.383424	897.6401	0.026711	13.88736	1	0

sd571	112.48	2998.111	7.687301	54.75501	5.812897	128.4714	42.73132	0.431966	2.265695	0.00007	3569.634	0.404401	1211.859	0.023015	14.01815	1	0
sd572	115.3597	2480.26	7.584018	49.80221	5.780232	118.0119	38.92333	0.576907	2.317488	0.000078	3024.904	0.389599	965.3507	0.023993	13.89882	1	0
sd573	134.3456	2036.46	7.470399	45.12716	5.754324	105.7828	34.97552	0.61389	2.179298	0.000086	2470.298	0.393429	801.133	0.02809	13.77808	1	0
sd574	166.9533	1686.111	7.321186	41.06228	5.69922	101.0394	33.5991	0.652421	2.153627	0.000094	2251.76	0.328685	551.247	0.030039	13.6559	1	0
sd575	124.0925	1864.656	7.399026	43.18167	5.739032	102.1411	33.68796	0.812878	2.570569	0.000093	2269.211	0.389488	723.843	0.027165	13.69052	1	0
sd576	111.8	2165.081	7.481183	46.53044	5.751388	112.3192	36.92213	0.62059	2.097844	0.000084	2772.964	0.358598	775.1596	0.026926	13.79913	1	0
sd577	125.7919	2047.316	7.462879	45.24727	5.751831	108.2506	35.78118	0.647312	2.341352	0.000086	2506.622	0.388311	795.6241	0.025825	13.76885	1	0
sd578	151.0444	1787.008	7.373523	42.27302	5.732386	104.0636	34.18719	0.540846	2.018737	0.000089	2302.381	0.35873	643.9826	0.027158	13.71788	1	0
sd579	158.7872	2161.015	7.483332	46.48672	5.753808	107.1433	35.40665	0.350855	2.003483	0.000083	2459.353	0.428158	920.7021	0.026971	13.80356	1	0
sd580	145.2264	2653.286	7.627281	51.51006	5.797692	121.8575	40.53385	0.395511	2.066787	0.000072	3263.26	0.384597	1019.688	0.022371	13.97988	1	0
sd581	141.9275	2279.436	7.524027	47.74344	5.74957	109.4431	36.27458	0.503252	2.002086	0.000083	2620.249	0.425251	969.348	0.028138	13.82249	1	0
sd582	125.4142	2802.072	7.654124	52.9346	5.814521	125.2314	41.33839	0.526737	2.24598	0.000072	3320.751	0.407436	1141.642	0.02305	13.98305	1	0
sd583	151.7067	1735.603	7.356964	41.66057	5.710854	100.4903	33.1645	0.631464	2.075271	0.000093	2230.369	0.358725	623.8276	0.030776	13.67205	1	0
sd584	150.3158	1629.239	7.312449	40.36384	5.681503	97.86389	32.34163	0.719279	2.299236	0.000099	2105.62	0.350594	568.3802	0.031488	13.6013	1	0
sd585	119.0089	2965.854	7.70056	54.45965	5.788627	112.7539	37.4685	0.267603	2.045762	0.000071	2720.131	0.542505	1612.787	0.025486	13.99419	1	0
sd586	138.8211	2552.26	7.606486	50.5199	5.807092	119.2467	39.53332	0.409019	2.050168	0.000074	3101.796	0.391891	999.464	0.024384	13.94034	1	0
sd587	133.0186	2518.322	7.604191	50.18289	5.797899	116.0303	38.50461	0.320303	1.914801	0.000075	2887.836	0.426934	1075.719	0.02662	13.92941	1	0
sd588	125.9781	2752.963	7.660967	52.46869	5.820264	128.9036	42.71825	0.363554	1.978851	0.000071	3676.014	0.333593	920.0777	0.022982	14.00207	1	0
sd589	125.5714	2007.792	7.465822	44.80839	5.763314	110.5858	36.51884	0.567394	2.274623	0.000083	2701.697	0.325552	652.0462	0.025844	13.81734	1	0
sd590	141.5575	2896.505	7.68722	53.81919	5.821297	126.1283	42.0087	0.320131	2.253347	0.000069	3504.503	0.395339	1145.658	0.022753	14.02748	1	0
sd591	146.5947	2441.465	7.559834	49.41118	5.753897	112.715	37.44055	0.36779	1.889449	0.000079	2724.219	0.441705	1077.655	0.027217	13.87584	1	0
sd592	127.7081	2607.863	7.618624	51.06724	5.799082	120.1778	39.79539	0.505866	2.239329	0.000075	3128.23	0.400104	1043.197	0.024369	13.93834	1	0
sd593	115.8575	2638.071	7.640854	51.36216	5.793858	117.1886	38.77577	0.416467	2.177452	0.000073	3024.15	0.426546	1124.711	0.024146	13.96221	1	0
sd594	115.1831	2437.805	7.583407	49.37413	5.790182	116.0672	38.29235	0.38924	1.987755	0.000076	2822.791	0.423348	1036.173	0.025503	13.90793	1	0
sd595	133.2653	3394.514	7.761862	58.26246	5.832073	127.3236	42.48045	0.247242	2.095744	0.000068	3450.697	0.492436	1673.927	0.023279	14.06099	1	0
sd596	163.1328	2093.821	7.440405	45.75829	5.726377	101.0558	33.71186	0.561887	2.270271	0.000088	2271.896	0.450694	932.023	0.031957	13.74549	1	0
sd597	173.895	2408.906	7.451184	49.08061	5.730291	113.7514	38.13204	1.487357	11.3337	0.000095	2878.282	0.406579	986.0191	0.028821	13.75742	1	0
sd598	159.9753	2124.761	7.461878	46.09513	5.756209	104.5878	34.44798	0.428321	2.005811	0.000085	2337.295	0.448833	951.6688	0.027338	13.77273	1	0
sd599	156.0481	2173.41	7.493645	46.61985	5.77442	114.8647	38.08428	0.397756	1.838873	0.000079	2863.39	0.342303	745.1356	0.025531	13.85827	1	0
sd600	152.0953	2248.634	7.534018	47.41977	5.776774	115.0592	38.03375	0.446573	2.108856	0.000078	2893.331	0.35748	804.8836	0.024652	13.8922	1	0
sd601	78.63528	471.8894	6.446873	21.72302	5.374407	52.72056	17.42905	1.524372	4.027776	0.00024	602.4041	0.360134	169.5249	0.053448	12.4271	1	0
sd602	78.10583	504.3703	6.496328	22.45819	5.395652	52.69111	17.61209	1.439383	3.712338	0.000232	598.7392	0.402338	201.5319	0.056536	12.47954	1	0
sd603	93.99889	394.7274	6.319639	19.86775	5.260568	44.51889	14.75038	1.564497	4.037249	0.000285	439.4886	0.439268	172.1441	0.06631	12.16872	1	0
sd604	75.91333	680.3476	6.702176	26.08347	5.495028	57.40306	19.10628	1.293036	3.484185	0.00019	679.2959	0.500131	339.8259	0.050233	12.76316	1	0
sd605	84.8575	855.4104	6.852284	29.2474	5.559094	64.50111	21.55688	0.936267	2.491076	0.00015	860.1136	0.497633	426.0047	0.045793	13.01385	1	0
sd606	77.09667	472.8564	6.446967	21.74526	5.377469	51.65111	16.96997	1.562047	4.208592	0.000245	565.5809	0.403967	191.6642	0.055132	12.40425	1	0
sd607	87.01889	640.1252	6.638737	25.3007	5.472108	60.89917	20.16981	1.269183	3.295064	0.000186	820.127	0.358888	229.5498	0.046615	12.75732	1	0
sd608	73.86	502.0493	6.48993	22.40646	5.38813	53.07417	17.5658	1.518396	4.037003	0.000236	610.0966	0.393682	198.0676	0.056608	12.468	1	0
sd609	98.93	399.4622	6.307014	19.98655	5.219423	47.07417	15.40756	1.675603	4.535593	0.000285	515.7429	0.355045	141.9571	0.057944	12.18011	1	0
sd610	130.3225	531.5078	6.517078	23.05445	5.38644	53.96972	17.83516	1.522109	4.040603	0.000226	636.1151	0.399955	211.9989	0.052391	12.51496	1	0
sd611	117.5236	387.9522	6.279609	19.6965	5.251	46.18889	15.19126	1.782143	4.915348	0.000307	486.1448	0.374403	145.472	0.059968	12.12366	1	0
sd612	93.10583	434.7054	6.37803	20.84959	5.245592	47.455	15.60503	1.637444	4.342172	0.000273	526.2561	0.399626	175.1453	0.061416	12.26724	1	0
sd613	121.6003	1120.492	7.05851	33.47376	5.591064	69.83778	23.30397	0.864291	2.480331	0.000129	1058.137	0.527591	590.8687	0.042591	13.24319	1	0
sd614	150.1181	883.4684	6.896591	29.7232	5.543229	64.81556	21.39696	1.000833	2.648279	0.000149	895.397	0.491179	432.1755	0.043952	13.04676	1	0
sd615	153.7136	893.3842	6.903344	29.88953	5.571625	66.73833	22.0424	0.991886	2.615045	0.000146	952.6494	0.466874	417.132	0.042252	13.0726	1	0
sd616	139.0469	650.1842	6.676878	25.49871	5.464621	57.09639	19.00578	1.22426	3.094445	0.000191	710.1761	0.452232	293.1575	0.049602	12.7268	1	0

sd617	120.9581	861.5201	6.872228	29.35166	5.539326	63.36528	20.95077	1.082975	2.850474	0.000156	839.7807	0.509266	435.7471	0.04272	12.98577	1	0
sd618	155.9889	606.3005	6.631602	24.62317	5.447931	55.73056	18.44388	1.268555	3.199362	0.000198	677.6255	0.441314	267.633	0.049905	12.66383	1	0
sd619	153.9956	1501.708	7.265475	38.75187	5.646081	73.29028	24.2449	0.691399	2.304078	0.000113	1079.454	0.639645	958.036	0.040427	13.40885	1	0
sd620	127.7928	769.8881	6.783404	27.74686	5.543005	66.25556	21.90129	1.137652	2.944103	0.00016	958.5263	0.378304	291.6331	0.040869	12.95095	1	0
sd621	132.4478	617.7211	6.636522	24.854	5.439869	57.11972	18.94917	1.283576	3.320646	0.000193	719.5723	0.418228	258.6454	0.049228	12.69905	1	0
sd622	114.8794	919.5615	6.928843	30.32427	5.559429	66.35639	21.93277	1.015719	2.643578	0.000146	941.3941	0.488738	449.9594	0.042972	13.07896	1	0
sd623	155.5683	1698.369	7.339716	41.21127	5.63916	74.78917	24.81468	0.656513	2.397269	0.000106	1179.904	0.650976	1100.34	0.039653	13.50776	1	0
sd624	124.77	590.7629	6.602029	24.30561	5.449194	57.20056	18.88962	1.360294	3.49442	0.000204	708.1232	0.400708	236.7379	0.050832	12.63999	1	0
sd625	156.655	729.5759	6.749345	27.01066	5.457919	58.65833	19.46975	1.189589	2.999449	0.000179	762.5567	0.470272	338.4842	0.047342	12.79878	1	0
sd626	190.9508	2168.279	7.184812	46.56478	5.578371	84.00444	28.67134	5.422727	59.09353	0.000268	1531.462	0.646855	1402.587	0.047413	13.21183	1	0
sd627	166.4494	1699.871	7.329162	41.22949	5.656772	76.46028	25.25426	0.480746	2.021462	0.000104	1195.032	0.649623	1107.835	0.039564	13.51125	1	0
sd628	154.5397	1405.045	7.209836	37.48393	5.55085	64.42639	21.32835	0.656362	2.180806	0.000123	878.0789	0.687211	964.5899	0.044527	13.29337	1	0
sd629	86.09861	907.7416	6.90613	30.12875	5.401837	52.76222	17.51855	0.843485	2.187752	0.000163	613.9162	0.660217	596.4374	0.052406	12.8999	1	0
sd630	126.5942	588.6902	6.592405	24.26294	5.404219	56.16028	18.68337	1.353929	3.3862	0.000202	718.7811	0.393921	233.5863	0.049593	12.64207	1	0
sd631	123.9139	686.0632	6.714784	26.19281	5.451132	58.34472	19.21468	1.27321	3.290386	0.000183	729.7194	0.470236	323.8615	0.047255	12.78506	1	0
sd632	116.1678	1313.561	7.170363	36.24308	5.633405	75.88194	25.03602	0.775477	2.310634	0.000118	1193.741	0.547753	722.9171	0.03892	13.36041	1	0
sd633	167.4708	1339.061	7.174357	36.59318	5.600445	73.23972	24.27703	0.707894	2.218002	0.000117	1108.407	0.587858	790.4868	0.04019	13.36656	1	0
sd634	196.0456	1774.68	7.060118	42.12696	5.546468	83.6825	28.4573	5.595847	61.87667	0.000278	1463.96	0.588689	1047.646	0.047892	13.13786	1	0
sd635	170.2247	1151.742	7.069309	33.93732	5.642873	76.84167	25.4342	0.696677	2.090585	0.000119	1203.144	0.474279	542.7086	0.037201	13.32063	1	0
sd636	170.3206	1145.622	7.074434	33.84703	5.625629	71.21639	23.69783	0.684873	2.050056	0.000122	1055.564	0.536991	612.1131	0.039848	13.27969	1	0
sd637	174.3586	1580.631	7.22463	39.75715	5.633923	79.43056	26.44821	0.67385	2.672417	0.000113	1328.946	0.578945	913.6426	0.038637	13.44031	1	0
sd638	123.8111	541.802	6.545101	23.27664	5.401205	54.31556	17.95354	1.270061	3.169556	0.000212	666.8063	0.383939	207.7819	0.053583	12.55917	1	0
sd639	123.9872	1398.02	7.203489	37.39011	5.685419	87.29917	28.78829	0.871357	2.574538	0.000109	1626.744	0.420357	589.8569	0.031604	13.68637	1	0
sd640	131.1764	827.5124	6.824822	28.76652	5.535105	67.98417	22.29433	1.201685	3.125916	0.00016	1001.848	0.394624	326.5349	0.041327	12.96376	1	0
sd641	123.5792	1834.379	7.384721	42.82965	5.71654	98.61889	32.54362	0.674795	2.254147	0.000094	2056.694	0.442046	814.7196	0.031063	13.66654	1	0
sd642	145.1739	518.2126	6.503444	22.76428	5.365366	51.82472	17.13914	1.461642	3.764397	0.000229	594.4861	0.423637	218.479	0.054381	12.47894	1	0
sd643	127.9903	708.3086	6.716451	26.61407	5.466548	58.64639	19.33144	1.215797	3.05532	0.000186	727.799	0.482509	339.3004	0.047406	12.75902	1	0
sd644	116.6103	2247.07	7.531095	47.40327	5.75872	106.0106	35.25221	0.562358	2.132256	0.000083	2392.367	0.46788	1051.776	0.028306	13.81358	1	0
sd645	116.8442	2622.018	7.638744	51.20564	5.793081	114.5603	38.07892	0.395201	2.242501	0.000075	2685.65	0.488417	1282.016	0.027631	13.93437	1	0
sd646	164.71	2713.029	7.524937	52.08675	5.728001	107.6633	36.20748	2.785085	26.1107	0.000102	2498.552	0.539937	1466.17	0.031926	13.77143	1	0
sd647	156.9733	1202.402	7.099181	34.67567	5.589152	78.67278	25.93707	0.897979	2.571329	0.00012	1355.146	0.436544	524.958	0.035727	13.34044	1	0
sd648	164.5994	2526.381	7.520201	50.26312	5.733225	107.24	35.90321	1.333267	9.682995	0.000093	2491.888	0.505395	1273.126	0.031448	13.78045	1	0
sd649	168.3156	2386.797	7.484205	48.85486	5.724969	96.89361	32.26721	0.756927	5.919605	0.000093	2052.332	0.571003	1365.849	0.03251	13.75127	1	0
sd650	152.9292	1454.463	7.21972	38.13743	5.630696	86.43	28.68142	0.819085	2.538527	0.000108	1631.225	0.439399	639.2759	0.032883	13.49334	1	0
sd651	133.4175	1958.132	7.450987	44.25079	5.688572	93.85694	31.04714	0.511823	2.007699	0.00009	1882.624	0.51883	1014.984	0.030881	13.70845	1	0
sd652	136.4875	1658.412	7.270004	40.72361	5.671653	95.58611	31.72457	0.879217	2.550186	0.000108	2037.19	0.384178	635.4477	0.033134	13.51481	1	0
sd653	145.1289	1530.792	7.230019	39.12534	5.666513	92.13306	30.52889	0.909728	2.625888	0.00011	1889.423	0.385782	593.3597	0.032477	13.4839	1	0
sd654	130.9258	1497.729	7.244109	38.70051	5.669932	93.4925	30.79676	0.835691	2.445522	0.000106	1893.687	0.365355	545.0823	0.031709	13.51799	1	0
sd655	157.7178	1417.317	7.130816	37.64727	5.634433	92.14722	30.57974	1.081621	3.027878	0.000121	1954.48	0.313362	445.9849	0.03589	13.37915	1	0
sd656	141.3569	1513.411	7.14781	38.90258	5.650354	85.71833	28.50733	1.06998	3.001737	0.000126	1627.461	0.461922	698.5592	0.035988	13.32837	1	0
sd657	132.0333	1741.723	7.244854	41.73395	5.648437	86.70639	28.69134	1.068522	3.112315	0.00012	1697.666	0.514892	900.9492	0.035092	13.40372	1	0
sd658	131.0781	1656.875	7.325416	40.70473	5.715166	94.44917	31.16306	0.708115	2.233128	0.0001	1889.828	0.42977	712.162	0.031635	13.58589	1	0
sd659	134.4636	2048.876	7.464569	45.26451	5.739217	99.98528	33.14739	0.440738	1.963316	0.000087	2161.947	0.46856	953.0743	0.029613	13.74959	1	0
sd660	124.8275	1982.573	7.42225	44.52609	5.7447	101.515	33.65829	0.714256	2.438649	0.000091	2218.014	0.439621	870.0222	0.028679	13.70591	1	0
sd661	123.0242	2297.805	7.54367	47.93543	5.765419	110.1725	36.32142	0.572976	2.207007	0.000082	2638.275	0.426764	982.0759	0.026769	13.83297	1	0
sd662	132.7992	2068.283	7.445923	45.47838	5.730867	99.59	32.9748	0.520617	2.062979	0.000091	2160.904	0.477983	989.3124	0.03085	13.7027	1	0

sd663	130.5853	2021.772	7.444364	44.96411	5.721605	102.8742	34.10068	0.762034	2.498543	0.000091	2338.528	0.420898	849.8342	0.031422	13.72192	1	0
sd664	134.2594	2003.09	7.447789	44.7559	5.748022	99.96	33.11393	0.612962	2.22076	0.00009	2171.984	0.457041	914.1452	0.029538	13.72088	1	0
sd665	130.1464	2693.822	7.6388	51.90204	5.817871	120.2283	39.87424	0.532378	2.349805	0.000074	3178.046	0.41062	1107.071	0.023092	13.95723	1	0
sd666	120.4361	2737.572	7.670336	52.32181	5.814497	118.2322	39.49958	0.27799	2.134364	0.000071	3012.455	0.447732	1221.12	0.02474	13.99798	1	0
sd667	111.6331	2926.306	7.660231	54.09534	5.814967	128.14	42.5643	0.534152	2.350226	0.000071	3589.177	0.387191	1133.873	0.022132	13.99555	1	0
sd668	117.5061	2504.495	7.606504	50.04493	5.791531	113.4706	37.53298	0.486386	2.083495	0.000077	2717.707	0.458832	1152.112	0.02453	13.9053	1	0
sd669	114.5397	2755.402	7.653596	52.49193	5.813572	122.5603	40.78363	0.369177	1.998993	0.000073	3293.903	0.40197	1107.008	0.025157	13.9758	1	0
sd670	128.5797	2310.59	7.548821	48.0686	5.773475	113.6683	37.53852	0.562411	2.230401	0.00008	2824.873	0.388567	897.6077	0.027414	13.86016	1	0
sd671	112.4442	2975.309	7.67081	54.5464	5.81078	127.5525	42.4408	0.66398	2.892314	0.000072	3521.585	0.407732	1212.173	0.024216	13.99273	1	0
sd672	115.3439	2457.37	7.578185	49.57187	5.761241	117.0603	38.59547	0.540476	2.197609	0.000079	2975.578	0.394073	967.6048	0.026489	13.88544	1	0
sd673	134.3275	2003.673	7.454777	44.76241	5.739947	104.2481	34.48565	0.54216	2.028336	0.000088	2403.587	0.400094	801.5084	0.030865	13.75083	1	0
sd674	166.9642	1659.598	7.302814	40.73817	5.696822	99.77722	33.18425	0.729004	2.413187	0.000096	2195.811	0.334878	552.7777	0.028289	13.63574	1	0
sd675	124.0933	1840.513	7.379812	42.9012	5.71393	100.96	33.33251	0.854399	2.744052	0.000096	2220.538	0.394682	723.9239	0.030431	13.64698	1	0
sd676	111.7664	2142.002	7.47364	46.28177	5.750619	111.2069	36.57919	0.685734	2.318692	0.000086	2719.816	0.363971	778.2149	0.026919	13.78406	1	0
sd677	125.7597	2010.738	7.45721	44.84125	5.759987	106.5008	35.24992	0.637312	2.184371	0.000086	2427.332	0.396866	798.6001	0.027217	13.76674	1	0
sd678	151.0261	1760.527	7.359537	41.95863	5.723905	102.9372	33.81315	0.625144	2.23539	0.000091	2248.909	0.364228	644.1898	0.02868	13.69494	1	0
sd679	158.7964	2133.464	7.480227	46.18943	5.75189	105.9356	35.03531	0.333245	1.932463	0.000083	2405.681	0.433275	919.6009	0.028599	13.80376	1	0
sd680	145.2572	2619.243	7.619566	51.17854	5.777532	120.7364	40.11107	0.409523	2.033372	0.000074	3191.296	0.390266	1021.312	0.023562	13.94887	1	0
sd681	141.94	2252.436	7.508028	47.45984	5.762256	108.0297	35.86161	0.557379	2.091938	0.000084	2559.39	0.432024	973.3857	0.029234	13.80444	1	0
sd682	125.4125	2768.355	7.649106	52.61516	5.826408	123.7908	40.90357	0.543073	2.307807	0.000074	3245.128	0.41371	1144.946	0.024027	13.96638	1	0
sd683	151.7342	1703.216	7.338151	41.27004	5.712846	99.1125	32.71416	0.639744	2.059475	0.000095	2162.353	0.366175	624.6194	0.029356	13.64386	1	0
sd684	150.3344	1599.264	7.287544	39.9908	5.703673	96.49417	31.85705	0.702014	2.244954	0.0001	2042.888	0.358236	570.1746	0.031535	13.57815	1	0
sd685	118.9883	2933.663	7.699175	54.1633	5.78227	111.2881	37.00677	0.175315	1.843294	0.000073	2648.079	0.54978	1616.832	0.026394	13.9749	1	0
sd686	138.7944	2523.627	7.603466	50.23572	5.800818	118.0908	39.16838	0.391233	2.023329	0.000075	3043.765	0.396395	999.441	0.023901	13.94959	1	0
sd687	133.0361	2489.069	7.595202	49.89057	5.822302	114.9169	38.12923	0.287756	1.781129	0.000076	2822.963	0.433173	1078.663	0.024766	13.91989	1	0
sd688	125.9744	2719.075	7.649332	52.14475	5.818522	127.6889	42.32405	0.404774	2.061524	0.000071	3604.971	0.338312	921.5841	0.022598	14.00628	1	0
sd689	125.5717	1984.677	7.44851	44.54972	5.753555	109.7819	36.20744	0.542815	2.137685	0.000085	2653.931	0.329557	652.2703	0.027812	13.78561	1	0
sd690	141.5603	2866.416	7.678283	53.53892	5.803751	124.8633	41.6299	0.359982	2.30197	0.000071	3437.347	0.400646	1148.871	0.023663	14.00403	1	0
sd691	146.62	2413.387	7.549977	49.12623	5.748457	111.3878	37.03287	0.44749	2.312084	0.00008	2661.373	0.448429	1081.853	0.029466	13.86151	1	0
sd692	127.7106	2575.756	7.614981	50.7519	5.798735	118.9236	39.38553	0.525056	2.408911	0.000075	3055.307	0.406678	1047.094	0.024441	13.93443	1	0
sd693	115.8292	2600.947	7.627073	50.99948	5.780271	115.6522	38.29181	0.3691	2.05456	0.000075	2943.464	0.433696	1127.104	0.025105	13.93563	1	0
sd694	115.1719	2408.524	7.573125	49.07672	5.801393	114.8794	37.90255	0.431453	2.125613	0.000077	2762.781	0.428873	1037.319	0.025218	13.90492	1	0
sd695	133.2689	3366.843	7.760514	58.02451	5.820349	126.1431	42.10909	0.384679	2.410409	0.000068	3382.795	0.498311	1680.009	0.024437	14.05528	1	0
sd696	163.1858	2065.562	7.425308	45.44846	5.722432	99.78	33.28234	0.607542	2.413878	0.000091	2211.841	0.457886	934.0938	0.030626	13.71426	1	0
sd697	173.9625	2384.15	7.434746	48.82776	5.725224	112.5908	37.7588	1.710333	13.15507	0.0001	2819.544	0.412643	990.4257	0.030423	13.74546	1	0
sd698	159.9531	2089.508	7.459151	45.71114	5.734711	103.0133	33.95792	0.377363	1.96259	0.000084	2261.015	0.457783	954.4641	0.027244	13.78342	1	0
sd699	156.0308	2148.416	7.473878	46.35101	5.763439	114.0814	37.76849	0.500943	2.02221	0.000082	2813.091	0.346383	745.3959	0.026414	13.82072	1	0
sd700	152.0978	2225.837	7.518059	47.17878	5.760568	114.3942	37.75448	0.497544	2.165126	0.00008	2849.045	0.36088	804.3588	0.025167	13.8631	1	0
sd701	78.675	472.7535	6.449752	21.7429	5.383595	52.56333	17.40556	1.560278	4.213793	0.000241	604.2175	0.359868	169.8389	0.055843	12.44067	1	0
sd702	78.1272	507.2675	6.501272	22.5226	5.39418	53.02222	17.68458	1.446305	3.77558	0.00023	606.7777	0.397724	200.3482	0.053079	12.48586	1	0
sd703	94.00389	392.7285	6.326238	19.81738	5.268761	44.25472	14.66496	1.569752	4.074736	0.000285	434.2662	0.442977	172.6766	0.063075	12.1758	1	0
sd704	75.91222	684.6886	6.715479	26.16656	5.493816	57.71917	19.20996	1.245276	3.391813	0.000186	686.0514	0.498442	340.8948	0.05221	12.78108	1	0
sd705	84.89611	860.5838	6.864365	29.33571	5.572225	64.85	21.66403	0.942679	2.497106	0.000149	871.459	0.494377	426.0382	0.044402	13.02624	1	0
sd706	77.10583	475.4178	6.454811	21.80408	5.377162	51.80694	17.04958	1.510222	4.024003	0.000238	570.9073	0.401662	191.624	0.056515	12.42177	1	0
sd707	86.9825	637.9955	6.645936	25.25857	5.450764	60.57	20.11365	1.253398	3.180272	0.000189	816.7469	0.359507	229.2187	0.047598	12.74046	1	0
sd708	73.89444	504.8863	6.500826	22.46968	5.400025	53.20722	17.61469	1.502794	4.013092	0.000229	616.797	0.3913	198.2523	0.054315	12.49232	1	0

sd709	98.895	402.2246	6.315302	20.05554	5.220084	47.41028	15.53905	1.660724	4.419914	0.000281	523.1047	0.350514	141.1545	0.057597	12.19965	1	0
sd710	130.2858	529.4873	6.515053	23.01059	5.386583	53.83806	17.74116	1.549323	4.157875	0.000231	635.6382	0.398247	210.3364	0.05234	12.4963	1	0
sd711	117.5211	393.0248	6.288328	19.82485	5.250062	46.5275	15.35513	1.796478	4.995417	0.000306	497.3258	0.36792	144.7411	0.058302	12.131	1	0
sd712	93.08972	440.9869	6.382019	20.99969	5.237643	48.03917	15.76315	1.647182	4.407566	0.000274	539.1033	0.393837	175.1333	0.059256	12.26951	1	0
sd713	121.5775	1116.516	7.06461	33.41431	5.607914	69.64806	23.25377	0.835875	2.312926	0.000127	1052.192	0.528491	589.6751	0.041934	13.24482	1	0
sd714	150.0867	880.4215	6.897053	29.6719	5.540644	64.83667	21.36396	1.026136	2.747214	0.000148	893.4127	0.490668	430.3379	0.042635	13.05013	1	0
sd715	153.6878	895.2173	6.904764	29.92018	5.559058	67.09444	22.08695	0.976968	2.570829	0.000146	956.6505	0.466194	417.7411	0.042509	13.07031	1	0
sd716	139.0544	650.9579	6.669229	25.51388	5.465046	57.46111	19.02927	1.272587	3.303569	0.000193	712.7467	0.450963	292.7153	0.049642	12.71729	1	0
sd717	120.9706	860.6338	6.876929	29.33656	5.537908	63.30917	20.9403	1.049847	2.722534	0.000154	839.2285	0.508968	434.9407	0.044376	13.00107	1	0
sd718	155.9675	612.0692	6.631628	24.74003	5.433222	55.96111	18.55155	1.27147	3.211396	0.000197	690.0416	0.436281	267.0236	0.05141	12.66543	1	0
sd719	153.9997	1503.877	7.263574	38.77986	5.644149	73.32389	24.31003	0.680016	2.253928	0.000112	1087.465	0.637622	956.7237	0.040806	13.4203	1	0
sd720	127.8214	767.2059	6.781046	27.69848	5.534279	65.96611	21.80009	1.155011	3.043427	0.000165	950.4985	0.380987	292.504	0.043084	12.9198	1	0
sd721	132.4569	619.9176	6.635158	24.89814	5.452294	57.27222	18.98217	1.287363	3.280995	0.000194	727.1673	0.414312	257.1972	0.049289	12.69263	1	0
sd722	114.8439	920.2979	6.922404	30.33641	5.567316	66.62556	21.96249	1.022367	2.664647	0.000147	942.3442	0.488662	450.2764	0.039354	13.0705	1	0
sd723	155.5733	1697.736	7.344635	41.2036	5.624783	74.67806	24.80974	0.615186	2.225536	0.000104	1177.331	0.651575	1100.839	0.038627	13.51254	1	0
sd724	124.7719	592.2456	6.594867	24.3361	5.436503	57.15833	18.89467	1.409955	3.761785	0.000205	711.0335	0.399537	236.554	0.048276	12.63797	1	0
sd725	156.645	732.3024	6.753142	27.06109	5.455299	59.05278	19.55983	1.177429	2.953078	0.000177	771.7068	0.466186	336.971	0.0475	12.81255	1	0
sd726	190.9553	2171.87	7.179077	46.60333	5.565307	84.03139	28.71495	6.155182	70.29065	0.000293	1532.083	0.647285	1405.798	0.047188	13.19085	1	0
sd727	166.4597	1694.138	7.329866	41.15991	5.674508	76.24194	25.18844	0.400925	1.879228	0.000102	1190.808	0.649608	1103.845	0.038446	13.52782	1	0
sd728	154.5486	1403.38	7.222046	37.46172	5.56142	64.34361	21.33167	0.598489	2.053599	0.00012	880.213	0.686142	962.1428	0.043515	13.31825	1	0
sd729	86.115	906.3813	6.909645	30.10617	5.40605	52.63361	17.51535	0.856582	2.294428	0.000163	612.6812	0.660178	595.1342	0.053028	12.9085	1	0
sd730	126.5997	594.5074	6.597896	24.38252	5.411828	56.83639	18.85384	1.372465	3.473904	0.000203	734.3027	0.386927	231.7196	0.045576	12.64008	1	0
sd731	123.915	690.3512	6.719228	26.27454	5.474227	58.70361	19.36677	1.20519	3.011012	0.00018	741.9364	0.464509	321.7941	0.048428	12.79552	1	0
sd732	116.1625	1319.668	7.173124	36.32723	5.643401	76.11694	25.16289	0.778773	2.283667	0.000118	1207.88	0.544267	721.2646	0.037054	13.36736	1	0
sd733	167.4922	1339.27	7.167128	36.59604	5.602188	73.08278	24.23565	0.709787	2.25662	0.000116	1106.745	0.588565	791.6099	0.040007	13.36356	1	0
sd734	196.0461	1771.636	7.069529	42.0908	5.581252	83.92944	28.46484	5.266432	57.00924	0.000269	1466.902	0.587283	1043.678	0.046266	13.16809	1	0
sd735	170.2208	1151.083	7.070386	33.92761	5.626963	76.68611	25.43661	0.703707	2.142284	0.000119	1199.553	0.475506	543.7564	0.037374	13.32281	1	0
sd736	170.3347	1147.177	7.073128	33.87	5.601086	71.56833	23.77255	0.686198	2.014654	0.00012	1064.874	0.533694	609.3814	0.041847	13.30004	1	0
sd737	174.3814	1585.042	7.206202	39.81258	5.630673	79.6725	26.52104	0.804216	3.105282	0.00012	1337.066	0.577428	913.5251	0.038917	13.42121	1	0
sd738	123.7661	546.132	6.553937	23.36947	5.404182	54.76861	18.05146	1.274445	3.176154	0.000214	677.0309	0.379504	207.0407	0.05305	12.56428	1	0
sd739	124.0142	1400.024	7.205471	37.41689	5.69882	87.23417	28.83213	0.80658	2.365711	0.000108	1628.723	0.420267	590.356	0.03347	13.47681	1	0
sd740	131.2083	831.7137	6.83201	28.83945	5.537707	68.55861	22.44768	1.18642	3.095539	0.00016	1011.269	0.391798	325.7247	0.040682	12.97861	1	0
sd741	123.5269	1832.965	7.384839	42.81314	5.731256	98.43667	32.53356	0.660746	2.17074	0.000093	2056.202	0.441761	813.5835	0.028917	13.67417	1	0
sd742	145.1631	516.7822	6.504587	22.73285	5.364183	51.78833	17.11261	1.485099	3.869998	0.000232	592.5781	0.424232	218.3086	0.054177	12.47061	1	0
sd743	128.0014	707.5613	6.707947	26.60002	5.468695	58.55639	19.34799	1.247509	3.194338	0.000187	728.8528	0.481182	337.9901	0.049252	12.75995	1	0
sd744	116.6222	2254.941	7.523254	47.48622	5.741002	106.0889	35.33619	0.717391	2.564998	0.000085	2410.098	0.465807	1050.781	0.028711	13.79608	1	0
sd745	116.8311	2625.121	7.644861	51.23593	5.787355	114.5025	38.10489	0.385542	2.148715	0.000075	2693.309	0.487744	1282.216	0.027396	13.93084	1	0
sd746	164.6706	2711.818	7.531102	52.07512	5.733911	107.4217	36.13733	2.334327	21.10819	0.000097	2487.194	0.541933	1471.285	0.030967	13.80023	1	0
sd747	156.9653	1196.496	7.097339	34.5904	5.610999	78.18111	25.8079	0.883747	2.504484	0.000121	1340.664	0.439694	526.0351	0.037896	13.32668	1	0
sd748	164.6297	2522.55	7.516046	50.22499	5.753912	107.2181	35.87601	1.076591	7.599962	0.000091	2485.486	0.506398	1274.957	0.03014	13.791	1	0
sd749	168.2886	2391.141	7.482627	48.89929	5.701924	96.9975	32.29408	0.92357	6.960194	0.000092	2055.024	0.571088	1368.109	0.033404	13.73415	1	0
sd750	152.935	1458.748	7.234681	38.19356	5.657456	86.50333	28.74082	0.826752	2.618551	0.000106	1639.809	0.437965	638.9104	0.032457	13.5044	1	0
sd751	133.4369	1963.056	7.452996	44.30639	5.706393	93.95833	31.13808	0.448321	1.883257	0.000088	1894.355	0.517091	1014.224	0.030352	13.72946	1	0
sd752	136.5128	1660.606	7.282884	40.75053	5.68698	95.77667	31.793	0.889165	2.520659	0.000107	2041.354	0.383829	635.8073	0.030856	13.51519	1	0
sd753	145.1261	1531.615	7.217591	39.13585	5.666385	92.04028	30.49827	0.855681	2.391612	0.00011	1890.709	0.385613	593.3417	0.033467	13.47555	1	0
sd754	130.9931	1495.066	7.251838	38.66608	5.683984	93.33556	30.76719	0.842448	2.465502	0.000105	1888.72	0.365917	544.9719	0.032362	13.52739	1	0

sd755	157.7192	1421.365	7.140296	37.70099	5.641307	92.43861	30.63729	0.978627	2.615618	0.000117	1968.267	0.310702	443.5989	0.033418	13.40123	1	0
sd756	141.3839	1523.736	7.158957	39.03506	5.643107	86.46417	28.7467	1.009946	2.813547	0.000122	1652.156	0.457639	697.0365	0.035412	13.35869	1	0
sd757	132.0561	1734.122	7.247548	41.6428	5.631409	86.32806	28.58393	1.061044	3.055431	0.000119	1678.988	0.518135	902.684	0.037945	13.4137	1	0
sd758	131.0678	1664.707	7.330718	40.80082	5.722186	94.84528	31.31972	0.731724	2.415937	0.000098	1906.651	0.427452	711.7314	0.032075	13.6065	1	0
sd759	134.4925	2046.311	7.460995	45.23617	5.729646	99.93222	33.10664	0.534136	2.181511	0.000088	2159.299	0.468849	953.0099	0.030735	13.73769	1	0
sd760	124.7639	1986.931	7.427418	44.57501	5.754016	101.6781	33.75205	0.621715	2.152651	0.00009	2226.591	0.438761	870.3423	0.028789	13.7227	1	0
sd761	123.0181	2301.358	7.548818	47.97247	5.76922	110.4539	36.39666	0.512701	2.049506	0.000081	2641.116	0.426957	983.9068	0.027685	13.84754	1	0
sd762	132.79	2070.272	7.450621	45.50024	5.738562	99.62861	33.0141	0.572754	2.20881	0.00009	2160.315	0.4788	992.2852	0.030841	13.71791	1	0
sd763	130.5669	2019.76	7.456648	44.94175	5.731042	102.6428	34.05178	0.71117	2.350837	0.000089	2331.086	0.422188	851.6246	0.031489	13.73649	1	0
sd764	134.2503	2005.11	7.455833	44.77845	5.718888	100.025	33.13536	0.514116	1.953429	0.000089	2178.531	0.456179	913.7199	0.030604	13.72869	1	0
sd765	130.1406	2689.594	7.643667	51.8613	5.81203	119.9089	39.79675	0.441897	2.073418	0.000074	3163.808	0.412087	1108.808	0.024447	13.95386	1	0
sd766	120.4183	2746.439	7.663549	52.40648	5.804755	118.7194	39.61702	0.319096	2.179939	0.000072	3029.34	0.446289	1220.82	0.026712	13.98456	1	0
sd767	111.6119	2942.186	7.670472	54.24193	5.805259	128.5297	42.73567	0.672173	2.937644	0.000072	3623.072	0.384773	1132.962	0.023132	13.9999	1	0
sd768	117.5014	2506.141	7.604511	50.06137	5.79288	113.4117	37.53637	0.403253	1.968707	0.000077	2717.901	0.458901	1152.514	0.025189	13.90989	1	0
sd769	114.5694	2753.279	7.645411	52.4717	5.819477	122.7367	40.76967	0.388229	2.091519	0.000073	3293.257	0.401525	1104.747	0.023617	13.96528	1	0
sd770	128.5653	2311.969	7.542686	48.08294	5.772219	113.7244	37.53529	0.56871	2.345929	0.00008	2826.429	0.388513	897.8959	0.027102	13.86486	1	0
sd771	112.4089	2980.288	7.676867	54.59202	5.814741	127.7	42.48654	0.619821	2.796654	0.000072	3527.04	0.407945	1215.121	0.024364	13.99549	1	0
sd772	115.3364	2449.243	7.57632	49.48983	5.78652	116.7092	38.50308	0.517495	2.172164	0.000078	2951.904	0.39666	970.3511	0.025818	13.88956	1	0
sd773	134.36	2013.647	7.463746	44.87368	5.732913	104.8125	34.64974	0.624607	2.261035	0.000087	2424.744	0.397748	800.6919	0.029305	13.76492	1	0
sd774	166.9572	1670.23	7.297379	40.86845	5.690691	100.1861	33.34494	0.71999	2.328873	0.000097	2219.149	0.332077	551.6554	0.02924	13.62574	1	0
sd775	124.0431	1841.916	7.385739	42.91754	5.705554	101.1886	33.37496	0.877473	2.734712	0.000096	2220.798	0.394754	724.2238	0.02897	13.65599	1	0
sd776	111.7489	2134.256	7.478623	46.19801	5.755854	111.0369	36.48959	0.629519	2.191863	0.000085	2699.776	0.36636	780.483	0.027122	13.79788	1	0
sd777	125.7775	2007.172	7.463351	44.80148	5.75421	106.2789	35.20085	0.695902	2.430871	0.000088	2415.525	0.39869	800.7904	0.026538	13.75329	1	0
sd778	151.0428	1764.251	7.363091	42.00299	5.724441	103.0083	33.80957	0.619197	2.171781	0.000091	2255.812	0.363654	644.5678	0.028752	13.69582	1	0
sd779	158.7939	2134.157	7.487507	46.19694	5.745997	105.9006	35.05751	0.277075	1.860985	0.000083	2403.88	0.433661	920.3565	0.029628	13.81567	1	0
sd780	145.2719	2616.231	7.625881	51.14911	5.799176	120.6044	40.09108	0.366654	2.022255	0.000073	3180.079	0.391739	1024.036	0.023184	13.96876	1	0
sd781	141.9025	2262.273	7.510325	47.56335	5.736774	108.4331	35.98542	0.544251	2.177059	0.000085	2578.02	0.430445	974.1798	0.030143	13.79581	1	0
sd782	125.4028	2761.472	7.654572	52.54971	5.82669	123.7564	40.82656	0.49661	2.118968	0.000073	3228.707	0.415176	1146.056	0.024332	13.97773	1	0
sd783	151.7528	1704.718	7.342529	41.28823	5.712698	99.23583	32.72436	0.662513	2.15323	0.000094	2161.9	0.366816	626.2159	0.031709	13.6509	1	0
sd784	150.3269	1597.514	7.290292	39.96891	5.686533	96.57056	31.85715	0.686249	2.208308	0.0001	2042.667	0.357786	568.9992	0.031535	13.58074	1	0
sd785	118.9997	2935.651	7.68851	54.18165	5.770953	111.2756	37.02489	0.194262	1.820564	0.000075	2657.182	0.548634	1614.899	0.027872	13.94339	1	0
sd786	138.7917	2528.795	7.593901	50.28713	5.797699	118.4803	39.241	0.390546	1.960619	0.000075	3053.328	0.395589	999.205	0.025868	13.92734	1	0
sd787	133.0747	2480.241	7.597465	49.80202	5.803408	114.8414	38.02588	0.314685	1.924676	0.000075	2804.971	0.434757	1078.722	0.02466	13.92949	1	0
sd788	125.9647	2716.466	7.652138	52.11973	5.819029	127.8494	42.30707	0.458848	2.18895	0.000071	3603.94	0.337953	919.8439	0.020722	13.99971	1	0
sd789	125.5344	1992.476	7.45357	44.63716	5.740511	109.9628	36.30172	0.580723	2.139814	0.000086	2673.974	0.327373	650.7218	0.027375	13.78082	1	0
sd790	141.5456	2870.318	7.688182	53.57535	5.821483	124.6586	41.60864	0.183315	1.932282	0.000068	3451.045	0.39919	1146.469	0.022875	14.04779	1	0
sd791	146.6203	2424.302	7.548488	49.2372	5.754138	111.5322	37.14103	0.518197	2.525623	0.00008	2676.921	0.447694	1084.944	0.026748	13.85976	1	0
sd792	127.6814	2583.78	7.623796	50.8309	5.796202	119.2178	39.50223	0.482621	2.254476	0.000075	3072.685	0.404996	1045.727	0.024327	13.94983	1	0
sd793	115.8289	2593.105	7.632209	50.92254	5.787141	115.5486	38.22454	0.335704	1.934914	0.000074	2928.172	0.434975	1127.101	0.024868	13.95646	1	0
sd794	115.1467	2407.837	7.571749	49.06971	5.7986	114.9586	37.92431	0.398489	2.040115	0.000077	2768.024	0.42773	1034.449	0.023857	13.90033	1	0
sd795	133.2486	3361.84	7.762126	57.98137	5.849845	125.6311	42.04422	0.307928	2.166367	0.000067	3375.151	0.498601	1678.159	0.021853	14.0711	1	0
sd796	163.1667	2065.745	7.415763	45.45047	5.696492	99.94361	33.3067	0.762092	3.172865	0.000095	2215.34	0.457014	932.2894	0.030712	13.69434	1	0
sd797	173.9803	2387.623	7.435745	48.86331	5.721113	112.8531	37.76881	1.701867	1.313434	0.000099	2824.675	0.412344	991.0024	0.02896	13.74742	1	0
sd798	159.9486	2089.156	7.459103	45.70728	5.737599	102.8683	33.93702	0.359965	1.920368	0.000085	2251.409	0.459636	957.5312	0.02994	13.76669	1	0
sd799	155.9989	2159.67	7.480302	46.47226	5.765809	114.4406	37.91238	0.530704	2.145754	0.000082	2840.378	0.343469	742.9833	0.026293	13.83693	1	0
sd800	152.1311	2229.771	7.517145	47.22045	5.757678	114.6697	37.83671	0.437877	2.093417	0.00008	2860.469	0.359413	802.4589	0.027048	13.85529	1	0

st1	73.96333	644.2734	5.776074	25.38254	4.946827	59.40111	20.10628	2.72767	10.20763	0.00075	788.7343	0.385144	247.0309	0.073601	10.83163	1	1
st2	73.92444	498.8419	5.652533	22.33477	4.854775	54.05556	18.30081	3.136465	13.1456	0.000902	657.563	0.339623	169.0881	0.082334	10.67747	1	1
st3	72.58778	533.306	5.706253	23.09342	4.882635	53.75111	18.23878	2.870782	10.96117	0.000848	632.5367	0.4093	219.144	0.082935	10.70215	1	1
st4	69.38667	501.2675	5.568696	22.389	4.818783	51.59	17.54298	2.98636	11.60181	0.000975	611.8241	0.391403	196.7389	0.086189	10.52828	1	1
st5	71.50111	479.02	5.584373	21.88653	4.851216	52.54778	17.58366	3.229932	13.55362	0.001015	612.3134	0.354673	168.264	0.085481	10.52365	1	1
st6	69.57444	515.1346	5.659709	22.69658	4.904768	54.81556	18.38496	3.060737	12.3983	0.000869	666.9342	0.360648	188.1031	0.079725	10.71383	1	1
st7	69.58111	481.2359	5.576394	21.93709	4.818808	53.14778	17.90016	2.996226	11.56707	0.000976	620.022	0.349239	166.3711	0.086125	10.52975	1	1
st8	67.96444	489.1867	5.638368	22.11757	4.851303	53.6	18.26364	2.970252	11.63604	0.000913	669.8341	0.313029	152.6099	0.083202	10.62934	1	1
st9	70.13889	452.5958	5.557176	21.2743	4.788903	52.19111	17.6424	3.304367	14.31812	0.001022	622.9508	0.317602	144.9668	0.085783	10.53382	1	1
st10	71.03778	472.577	5.589884	21.73884	4.826502	53.60222	18.09828	3.156106	12.55935	0.000989	650.5461	0.30749	144.4282	0.08078	10.55875	1	1
st11	63.67222	434.7167	5.5367	20.84986	4.788935	52.66778	17.58975	3.45933	15.66343	0.001029	623.4555	0.277591	119.7837	0.088083	10.51512	1	1
st12	64.41667	504.9775	5.639297	22.4717	4.824309	51.52444	17.22645	3.051411	12.52938	0.00093	582.2703	0.420273	211.0582	0.0872	10.62753	1	1
st13	69.15556	475.8823	5.587513	21.81473	4.805813	53.56444	17.98365	3.212213	13.62465	0.000997	643.0091	0.323157	153.5017	0.08179	10.54057	1	1
st14	67.83111	522.7679	5.670393	22.86412	4.925034	57.94889	19.37969	3.098573	12.76909	0.000857	761.8358	0.282107	149.6873	0.074135	10.74269	1	1
st15	63.61333	423.6768	5.528868	20.58341	4.793584	47.65778	16.03124	3.335373	14.41294	0.001094	481.1115	0.428529	180.3853	0.091441	10.41956	1	1
st16	65.70222	481.8823	5.612598	21.95182	4.864177	51.04	17.25257	2.931786	11.34578	0.000915	581.194	0.395967	190.4972	0.084199	10.59356	1	1
st17	68.42111	498.3909	5.616639	22.32467	4.865124	52.53444	17.70088	3.10996	13.10579	0.000907	610.5814	0.38283	189.3713	0.081602	10.62393	1	1
st18	63.30889	502.9011	5.626374	22.42546	4.849651	53.63444	18.15468	3.022096	11.75912	0.000965	632.1042	0.36806	184.0776	0.086699	10.5813	1	1
st19	68.32333	549.169	5.687571	23.43436	4.890194	55.35222	18.90339	3.005788	12.20976	0.000856	705.8257	0.356266	195.3147	0.077654	10.69631	1	1
st20	71.75222	454.5403	5.598225	21.31995	4.852296	51.35	17.2432	3.053231	12.3168	0.000924	581.8815	0.358093	162.3038	0.087002	10.5928	1	1
st21	65.01667	454.775	5.588008	21.32546	4.835212	49.38444	16.73543	2.951711	11.46872	0.000963	527.1612	0.419449	190.4376	0.090917	10.53775	1	1
st22	65.82667	519.0444	5.661088	22.78255	4.893817	54.81111	18.36642	2.919847	11.14953	0.000907	676.4244	0.345329	178.4015	0.085043	10.66322	1	1
st23	70.22333	446.6809	5.520124	21.13483	4.842151	52.78111	17.82384	3.027147	11.74031	0.00099	633.7704	0.290624	129.8247	0.079432	10.49901	1	1
st24	64.24889	458.9057	5.599367	21.42209	4.821964	49.21889	16.67176	3.292858	14.75629	0.000977	540.0411	0.412823	189.8415	0.086936	10.55737	1	1
st25	62.43889	459.7282	5.531212	21.44127	4.799065	49.80333	17.03724	3.259439	13.93537	0.001105	573.7486	0.379152	175.1941	0.094398	10.43273	1	1
st26	72.99	549.4804	5.701362	23.441	4.836862	49.37444	16.65441	2.922898	11.27929	0.000948	543.546	0.493265	264.5482	0.088801	10.61859	1	1
st27	71.31333	540.7938	5.663034	23.25497	4.897943	56.95778	19.25848	3.000931	12.25208	0.000885	729.3662	0.320438	171.9614	0.078716	10.69295	1	1
st28	70.92222	466.3165	5.558681	21.59436	4.812015	50.86667	17.06014	3.225841	13.85267	0.00103	575.1977	0.373761	171.649	0.087324	10.49505	1	1
st29	69.06222	398.2987	5.51057	19.95742	4.804596	49.51444	16.56746	3.431437	15.81831	0.00107	559.5442	0.304338	122.3944	0.088911	10.48614	1	1
st30	69.69778	457.4325	5.557771	21.38767	4.843395	53.08889	17.84368	3.136131	12.91605	0.000972	635.3637	0.304127	138.841	0.089516	10.55662	1	1
st31	67.12222	438.2142	5.527591	20.93357	4.80717	53.51333	17.98898	3.38135	15.0742	0.000984	654.1601	0.256069	112.5847	0.079152	10.543	1	1
st32	78.33111	503.1516	5.619293	22.43104	4.876632	53.22889	17.97175	2.825759	10.35545	0.00088	635.238	0.367976	184.9239	0.080633	10.63358	1	1
st33	58.09	431.8306	5.516453	20.78053	4.784274	47.24111	15.95891	3.11502	12.47164	0.001087	480.6693	0.43244	183.1179	0.09122	10.39554	1	1
st34	66.29111	509.339	5.669179	22.56854	4.845136	48.6	16.33143	3.257432	14.80564	0.000981	517.3407	0.490862	249.3849	0.087326	10.59367	1	1
st35	68.09333	523.7399	5.66162	22.88536	4.872737	51.79333	17.50096	3.124768	13.21837	0.000927	619.6138	0.407282	212.8813	0.086198	10.63876	1	1
st36	72.83889	443.0252	5.572913	21.04816	4.836703	53.34	17.99748	3.226134	13.89104	0.001	638.325	0.269473	117.7312	0.076444	10.56688	1	1
st37	71.39667	416.6311	5.550822	20.41154	4.796909	49.30889	16.76503	3.160055	13.06789	0.00101	577.9374	0.308714	129.0473	0.088286	10.52817	1	1
st38	68.29444	446.2013	5.518729	21.12348	4.81209	51.86889	17.46325	2.951774	11.11757	0.000974	605.2767	0.314352	138.7516	0.079993	10.50771	1	1
st39	67.14	380.7835	5.44059	19.51368	4.763973	47.58	15.9006	3.25698	13.46186	0.001168	501.7463	0.336384	127.1665	0.089215	10.33723	1	1
st40	74.25444	549.1132	5.657934	23.43316	4.887062	51.90111	17.70062	2.873764	10.94564	0.000882	590.2724	0.460458	251.8765	0.081993	10.6433	1	1
st41	83.28	381.6434	5.482687	19.5357	4.770435	45.69111	15.30171	3.346593	14.61382	0.001173	458.0863	0.4049	155.8384	0.099098	10.36738	1	1
st42	79.01778	393.419	5.457143	19.83479	4.778182	47.26111	15.96694	3.464824	16.08427	0.001144	500.7185	0.362489	142.3541	0.095648	10.36399	1	1
st43	75.83889	312.0485	5.343102	17.6649	4.68011	42.83444	14.51227	3.531753	15.70841	0.001337	427.3174	0.319179	100.1664	0.096824	10.17849	1	1
st44	65.89556	416.0336	5.511184	20.3969	4.79638	48.04	16.36326	3.245237	13.80566	0.001048	516.0473	0.371519	152.5275	0.087256	10.44659	1	1
st45	67.53333	528.9232	5.703523	22.99833	4.896381	53.38111	17.8234	3.005756	11.94905	0.000888	608.4975	0.420481	220.7533	0.085565	10.69561	1	1
st46	69.93667	507.065	5.703176	22.5181	4.884033	54.50444	18.15711	2.843562	10.59102	0.000846	632.7987	0.377649	191.9942	0.077808	10.71177	1	1

st47	64.62444	578.7887	5.741806	24.05803	4.903637	52.98778	17.88903	2.696515	9.808585	0.000815	630.3429	0.4528	260.8	0.084069	10.73477	1	1
st48	68.54333	483.9881	5.582794	21.99973	4.81377	51.95889	17.40601	3.158222	13.00351	0.001019	610.2407	0.365339	175.6412	0.084463	10.5433	1	1
st49	62.18556	501.4839	5.590721	22.39384	4.862847	53.46667	17.91058	3.13484	13.21438	0.000933	614.6635	0.385369	192.6944	0.083667	10.59398	1	1
st50	71.83889	515.063	5.697351	22.695	4.93416	56.54111	18.72315	2.984952	12.07399	0.000845	684.8884	0.333353	171.2373	0.069368	10.72383	1	1
st51	143.5333	2713.395	6.737523	52.09026	5.470004	123.5756	41.18521	1.585472	4.755033	0.000296	3391.167	0.373078	1009.033	0.03348	11.97776	1	1
st52	148.1778	2487.75	6.694209	49.87735	5.415291	121.1144	40.65127	1.913054	6.23237	0.000322	3323.989	0.337328	846.0257	0.038923	11.90055	1	1
st53	148.3778	2588.498	6.635878	50.87728	5.398784	121.5078	40.9884	1.742159	5.333591	0.000329	3326.518	0.355989	919.396	0.039024	11.87061	1	1
st54	168.9044	2072.167	6.550454	45.52106	5.338941	110.9567	37.26413	2.027598	6.98355	0.000344	2989.447	0.272266	559.2182	0.040573	11.81395	1	1
st55	170.5111	1812.057	6.434517	42.56826	5.265415	102.57	34.5074	2.193318	7.724129	0.00039	2508.315	0.307423	556.6978	0.044099	11.66347	1	1
st56	158.5133	2660.408	6.646941	51.57914	5.387014	133.2956	45.16131	1.810481	5.64018	0.000321	4399.046	0.176613	471.7896	0.039907	11.89206	1	1
st57	153.7711	2865.823	6.706568	53.53338	5.453743	136.1522	45.99533	1.71155	5.215456	0.000304	4486.218	0.21399	610.6839	0.031872	11.96868	1	1
st58	168.39	2881.25	6.652176	53.67728	5.380622	137.5111	46.77895	2.046156	7.872328	0.000324	4586.019	0.206937	598.3222	0.032173	11.88868	1	1
st59	167.7522	2610.881	6.643204	51.09678	5.420502	128.9222	43.80774	1.802392	6.035625	0.000297	4115.102	0.205634	532.6282	0.031652	11.96455	1	1
st60	144.1411	3107.496	6.774117	55.74492	5.432599	141.9289	48.33924	1.690477	5.395997	0.000286	4825.119	0.225828	703.75	0.034829	12.02847	1	1
st61	171.7967	1848.838	6.439909	42.99812	5.313251	108.5044	36.54032	2.006928	6.382102	0.000376	2779.859	0.247116	456.2108	0.039474	11.70431	1	1
st62	170.37	1669.613	6.386175	40.86089	5.28439	104.4989	35.29902	2.033468	6.67081	0.000387	2542.229	0.221307	361.2543	0.039587	11.66158	1	1
st63	168.2389	1982.491	6.412817	44.52518	5.271581	102.55	34.48377	2.201842	7.52667	0.000417	2465.42	0.380268	756.3904	0.049013	11.60062	1	1
st64	195.3889	1489.257	6.189914	38.59089	5.154991	99.30333	33.84475	2.754136	11.36156	0.000505	2494.929	0.162199	241.5094	0.049032	11.40529	1	1
st65	179.7356	1919.009	6.485884	43.8065	5.365184	105.8689	35.89803	1.872302	5.907886	0.000357	2538.063	0.337239	645.7326	0.045512	11.76349	1	1
st66	177.6267	1494.19	6.327224	38.65475	5.220875	99.64111	33.48096	2.084497	6.629052	0.000407	2413.332	0.187198	277.9097	0.047891	11.59907	1	1
st67	179.27	1822.077	6.452456	42.6858	5.29388	110.6056	36.84727	2.366646	9.184157	0.000382	2881.791	0.216235	397.5314	0.037574	11.73641	1	1
st68	181.93	1873.231	6.381134	43.28084	5.267212	111.38	37.55986	2.393375	8.867287	0.000402	3048.452	0.191528	361.0902	0.037787	11.6483	1	1
st69	169.4022	1878.183	6.454815	43.33801	5.297971	113.5289	38.29717	2.040012	6.737391	0.000363	3099.177	0.181961	344.6838	0.040254	11.7441	1	1
st70	166.7156	1962.951	6.525279	44.30521	5.33319	112.1256	37.93975	2.134758	7.43013	0.000355	3035.113	0.232252	459.078	0.039316	11.78072	1	1
st71	112.1356	739.7502	5.878745	27.19835	4.975321	69.11667	23.2042	2.798901	10.49172	0.000703	1131.673	0.21565	155.572	0.065461	10.98646	1	1
st72	105.8278	914.314	5.971258	30.23763	5.066219	72.56111	24.31005	2.506453	8.667287	0.000621	1231.302	0.315226	283.4056	0.064975	11.11104	1	1
st73	107.4189	1049.445	6.061601	32.39514	5.047303	73.19444	24.62164	2.529937	8.959323	0.000607	1230.85	0.415422	437.3422	0.065622	11.1489	1	1
st74	110.5433	985.1005	6.060044	31.38631	5.091502	74.89333	25.05546	2.695362	10.43144	0.000602	1314.653	0.33398	329.6212	0.065086	11.21311	1	1
st75	108.2511	1019.365	6.100526	31.9275	5.109885	75.6	25.512	2.560923	9.376333	0.000564	1348.351	0.329515	331.3283	0.057842	11.2639	1	1
st76	114.4533	1018.82	6.119345	31.91896	5.135611	80.16222	26.82749	2.788173	11.02112	0.00058	1550.892	0.236335	239.9804	0.056	11.27953	1	1
st77	115.3889	968.2557	6.105553	31.11681	5.108353	76.04	25.71735	2.609658	10.02885	0.000546	1409.563	0.257711	244.6888	0.0543	11.27694	1	1
st78	108.1556	841.6576	5.918231	29.01134	5.001237	69.53333	23.49865	2.744438	10.09923	0.000713	1160.423	0.301276	250.1754	0.0651	10.98353	1	1
st79	108.5878	959.7331	6.097374	30.97956	5.095836	75.55333	25.15417	2.575614	9.462615	0.000569	1369.592	0.285948	274.2318	0.058516	11.24031	1	1
st80	111.06	955.5848	6.060181	30.91254	5.062579	77.62333	25.87358	2.66326	9.759638	0.000589	1417.835	0.258757	247.4726	0.059426	11.2239	1	1
st81	107.0656	1044.638	6.153843	32.32085	5.112446	76.00667	25.31979	2.613396	9.856866	0.000547	1343.671	0.365038	386.2372	0.057171	11.29705	1	1
st82	115.1133	959.4799	6.119681	30.97547	5.107707	75.34667	25.03419	2.681055	10.04412	0.000574	1301.873	0.304216	284.6081	0.063145	11.25563	1	1
st83	116.06	1009.576	6.037909	31.77383	5.064154	79.35444	26.24737	2.636073	9.68632	0.000603	1450.586	0.276499	277.1838	0.066196	11.16201	1	1
st84	118.5222	775.1552	5.86496	27.84161	4.983541	69.52111	22.90847	2.880289	11.29536	0.000719	1138.15	0.254922	194.7038	0.064564	10.97719	1	1
st85	108.5278	942.0982	6.041439	30.69362	5.03212	72.66778	24.35116	2.807318	11.26404	0.000622	1224.253	0.3399	315.1969	0.057237	11.13466	1	1
st86	112.57	878.2498	6.024242	29.63528	5.070379	74.02556	24.55228	2.80825	11.32231	0.000613	1330.353	0.243425	214.0174	0.0641	11.16966	1	1
st87	117.8667	910.6096	6.021764	30.17631	5.098598	79.48333	26.70626	2.558051	9.296592	0.000551	1538.601	0.156122	142.3252	0.050768	11.24565	1	1
st88	113.0022	937.6351	6.013266	30.62083	5.069638	72.59667	24.31279	2.615652	9.566972	0.000632	1218.683	0.343402	318.6871	0.064064	11.11157	1	1
st89	110.6611	935.6325	6.076406	30.58811	5.104615	71.61667	23.90289	2.512765	8.73067	0.000573	1178.832	0.367237	342.08	0.061806	11.21837	1	1
st90	114.7678	847.7113	6.027884	29.11548	5.092175	72.80222	24.33475	2.488803	8.935539	0.000567	1226.207	0.278181	236.2836	0.061133	11.23746	1	1
st91	116.85	855.6694	5.985088	29.25183	5.078259	75.85556	25.3548	2.622208	9.606685	0.000605	1367.654	0.194582	165.2064	0.058059	11.16693	1	1
st92	111.66	820.416	5.976641	28.6429	5.047097	73.55556	24.76954	2.589389	9.429666	0.000605	1308.685	0.193326	156.8183	0.061055	11.14871	1	1

st93	104.0089	893.3748	5.936521	29.88938	4.999527	74.66	24.78582	2.738226	10.1727	0.000678	1319.945	0.262054	234.3643	0.065905	11.04219	1	1
st94	116.4133	671.3618	5.82633	25.91065	4.94196	64.46778	21.43822	2.993855	12.26046	0.000769	1000.996	0.239629	157.731	0.064343	10.88659	1	1
st95	115.3333	667.3749	5.829705	25.8336	4.946441	66.08333	21.96845	2.831409	11.17685	0.000687	1011.402	0.245787	164.8002	0.06201	10.98575	1	1
st96	117.6222	820.42	6.005705	28.64297	5.062555	70.98556	23.72134	2.732878	10.25917	0.000616	1168.634	0.288222	236.6094	0.060698	11.14402	1	1
st97	109.5589	737.4659	5.837683	27.15632	4.979795	66.93222	22.2858	2.935866	11.79577	0.000776	1021.131	0.304761	223.8088	0.074211	10.90199	1	1
st98	116.6844	777.9582	5.979826	27.8919	5.039657	68.26667	22.77845	2.754003	10.90503	0.000638	1092.216	0.305214	239.9008	0.069646	11.0905	1	1
st99	116.8633	693.9157	5.860438	26.34228	4.972279	66.25556	21.90301	2.816303	10.76661	0.000726	1037.664	0.256471	178.965	0.071253	10.93891	1	1
st100	109.1978	818.8841	6.029843	28.61615	5.053825	68.80667	22.72291	2.638411	9.773045	0.000598	1063.958	0.347487	283.298	0.067777	11.15582	1	1
st101	74.02556	688.9415	6.629144	26.2477	5.401464	62.74889	21.12947	1.354942	3.909431	0.000292	876.4203	0.36001	246.5042	0.041456	11.96497	1	1
st102	73.90444	546.9786	6.455877	23.88757	5.370613	58.17333	19.55824	1.432966	3.818957	0.000325	758.7164	0.305619	166.9678	0.047998	11.84128	1	1
st103	72.56778	590.655	6.533987	24.3034	5.391129	59.63111	19.69499	1.498278	4.36588	0.00032	748.0056	0.367288	217.1083	0.042515	11.86355	1	1
st104	69.38	536.6074	6.438449	23.16479	5.3212	55.13667	18.51293	1.452367	3.870093	0.000344	685.6899	0.362561	195.0021	0.053811	11.75844	1	1
st105	71.49667	532.9488	6.45231	23.08568	5.347428	57.26333	18.96598	1.496689	4.229805	0.000344	722.8225	0.314226	165.601	0.049677	11.75977	1	1
st106	69.55222	558.341	6.47714	23.62924	5.358616	59.22667	19.46226	1.686598	5.187025	0.000333	750.8916	0.334517	188.7246	0.043187	11.80791	1	1
st107	69.64222	528.1299	6.408013	22.98108	5.340283	57.46556	19.10303	1.511981	4.101072	0.000349	718.2911	0.311415	162.4248	0.049338	11.72977	1	1
st108	68.07222	540.2762	6.430598	23.24384	5.34638	58.50889	19.52744	1.692899	5.252613	0.00034	777.5354	0.277531	149.3423	0.048407	11.77773	1	1
st109	70.11222	494.191	6.40171	22.23041	5.291595	56.20222	18.74489	1.487834	4.144353	0.000339	705.4553	0.290107	144.1465	0.051435	11.78348	1	1
st110	71.08222	532.3025	6.450401	23.07168	5.370391	59.27222	19.71476	1.672132	5.136282	0.000341	783.9283	0.259122	137.0892	0.043909	11.78468	1	1
st111	63.71889	485.5082	6.373849	22.03425	5.309149	57.16778	18.98693	1.715474	4.94679	0.000356	736.8327	0.237855	114.9775	0.049374	11.73599	1	1
st112	64.43333	557.7631	6.487779	23.61701	5.332623	56.23778	18.66387	1.509076	4.313713	0.000346	698.3313	0.370993	205.9409	0.050002	11.77015	1	1
st113	69.23667	535.8961	6.443588	23.14943	5.337897	58.63111	19.52355	1.668103	4.790453	0.000343	769.7773	0.280517	150.0631	0.048396	11.77968	1	1
st114	67.85222	564.0549	6.480314	23.74984	5.39472	61.50444	20.43344	1.356419	3.596883	0.000314	853.5759	0.253196	144.6978	0.046626	11.86827	1	1
st115	63.60667	473.7072	6.363243	21.76482	5.314966	52.66111	17.42178	1.626054	4.61088	0.000366	583.4159	0.38034	179.047	0.050022	11.67335	1	1
st116	65.70778	530.5474	6.45099	23.03362	5.35342	55.98	18.53948	1.631412	4.999877	0.00034	678.6142	0.359206	190.203	0.046678	11.78078	1	1
st117	68.51889	538.5614	6.457754	23.20693	5.37946	56.04	18.79009	1.571725	4.521143	0.000343	695.0672	0.349846	187.007	0.048571	11.7792	1	1
st118	63.33	554.9822	6.452702	23.55806	5.356338	58.23556	19.57678	1.52419	4.418194	0.000333	742.8112	0.327754	181.0788	0.04221	11.79804	1	1
st119	68.31667	601.5737	6.530943	24.527	5.393148	60.02556	20.2784	1.435259	4.240818	0.000313	818.7009	0.318527	191.3347	0.047194	11.8821	1	1
st120	71.77556	506.6526	6.39853	22.50894	5.330349	55.94444	18.63549	1.55555	4.495365	0.000344	693.5321	0.31394	158.6795	0.049524	11.7563	1	1
st121	65.03444	506.783	6.406946	22.51184	5.361851	54.19	18.13953	1.504718	4.205843	0.000349	632.1013	0.374895	189.5454	0.049438	11.7532	1	1
st122	65.84111	574.5609	6.477743	23.97	5.376397	59.06667	19.72526	1.617204	4.899951	0.000338	789.3935	0.309832	177.1887	0.04642	11.80815	1	1
st123	70.28333	480.3679	6.372398	21.9173	5.32618	56.18111	18.73552	1.592564	4.392081	0.000349	701.4796	0.270763	130.2282	0.048303	11.75096	1	1
st124	64.31778	504.0279	6.422441	22.45057	5.307975	53.73556	18.00925	1.466427	3.977482	0.000342	636.96	0.369549	186.6819	0.050702	11.75228	1	1
st125	62.49444	509.1268	6.391906	22.56384	5.307519	55.31444	18.4862	1.374464	3.475164	0.000335	681.9266	0.333523	170.6274	0.049621	11.76676	1	1
st126	73.11556	590.3003	6.466723	24.2961	5.306209	53.63333	17.77447	1.534236	4.310211	0.000351	623.6712	0.459268	264.856	0.049221	11.73396	1	1
st127	71.23556	584.2537	6.473812	24.17134	5.367956	60.89556	20.36954	1.609179	4.905649	0.000329	827.7735	0.28829	167.6518	0.045256	11.84218	1	1
st128	71.01111	525.9354	6.435481	22.93328	5.294844	56.25222	18.66901	1.601787	4.517963	0.000346	707.3241	0.319194	165.8131	0.050065	11.75832	1	1
st129	69.08889	438.744	6.321892	20.94622	5.263782	53.98667	17.76191	1.77238	5.335181	0.000375	644.7524	0.272445	120.7193	0.051465	11.67004	1	1
st130	69.76667	505.1335	6.410867	22.47518	5.3343	58.00444	19.06809	1.592474	4.558992	0.000344	727.7926	0.276303	138.9335	0.048983	11.76655	1	1
st131	67.25111	483.7144	6.401483	21.99351	5.336219	57.83778	19.26064	1.571703	4.584094	0.000332	758.103	0.220507	107.2283	0.04875	11.80549	1	1
st132	78.42444	547.982	6.450637	23.40902	5.343393	57.21	19.1438	1.329183	3.442946	0.000326	732.5072	0.331931	181.9737	0.051131	11.82065	1	1
st133	58.05778	470.5818	6.366785	21.6929	5.293714	51.82556	17.10146	1.655759	4.769368	0.000374	565.7244	0.388447	179.6686	0.050966	11.66759	1	1
st134	66.32	555.9931	6.462513	23.57951	5.308198	53.43778	17.72515	1.712758	5.186478	0.000358	617.0845	0.444162	246.5512	0.052569	11.72377	1	1
st135	68.04111	575.9572	6.51089	23.99911	5.343253	56.62778	18.85559	1.35076	3.622474	0.000324	729.3347	0.365632	210.1844	0.052265	11.83842	1	1
st136	72.81	496.9394	6.370011	22.29214	5.324747	57.94667	19.3567	1.715114	5.457112	0.000351	750.6317	0.235645	115.7069	0.0446	11.74271	1	1
st137	71.44	466.5648	6.36464	21.60011	5.337303	54.45111	18.14701	1.605912	4.598905	0.00035	690.849	0.265041	124.5672	0.046798	11.73178	1	1
st138	68.22333	498.9501	6.383671	22.33719	5.333735	56.82889	18.90725	1.53809	4.148618	0.000341	724.7341	0.269159	133.4553	0.04723	11.77054	1	1

st139	67.24111	431.1242	6.320119	20.76353	5.281163	52.73556	17.37858	1.609839	4.47223	0.000373	612.6451	0.285258	122.2549	0.055797	11.65293	1	1
st140	74.26111	600.1086	6.499423	24.49711	5.387514	56.63889	18.94161	1.600544	5.419013	0.000331	690.3561	0.422105	252.1245	0.04549	11.82424	1	1
st141	83.30667	427.3986	6.28035	20.67362	5.263591	50.39778	16.75685	1.766324	5.542054	0.000391	555.782	0.353481	151.9352	0.053782	11.59132	1	1
st142	79.10444	434.879	6.29338	20.85375	5.297687	51.72111	17.15898	1.70042	4.921127	0.000379	588.3077	0.322573	140.0686	0.053259	11.63888	1	1
st143	75.85889	356.6931	6.15968	18.88632	5.199778	48.08111	15.92162	1.88036	5.658377	0.000429	519.8454	0.275713	98.94427	0.05	11.48265	1	1
st144	65.91667	462.8262	6.348295	21.5134	5.311122	53.05444	17.70308	1.71639	4.915211	0.000374	608.0874	0.333388	152.0593	0.051951	11.65738	1	1
st145	67.59	572.3045	6.48214	23.92289	5.370334	57.60556	19.00585	1.536635	4.509926	0.000322	701.3982	0.383388	218.053	0.045541	11.84068	1	1
st146	69.94778	554.519	6.438995	23.54823	5.312856	58.62222	19.41234	1.540828	4.440113	0.000336	732.3132	0.340608	189.138	0.041441	11.78273	1	1
st147	64.68333	621.5448	6.538073	24.9308	5.34214	56.96444	19.06785	1.355926	3.932622	0.000319	728.8377	0.412327	255.6859	0.046522	11.8469	1	1
st148	68.58778	540.5384	6.429449	23.24948	5.331484	57.18	18.81131	1.614666	4.648376	0.000349	729.2054	0.323523	174.3701	0.050108	11.75369	1	1
st149	62.19778	549.1777	6.478688	23.43454	5.331676	57.98556	19.16472	1.502859	4.18362	0.000335	719.7291	0.344966	189.5185	0.048344	11.79545	1	1
st150	71.85667	566.8237	6.502696	23.80806	5.372785	61.09556	20.0374	1.632981	5.161436	0.000317	794.1176	0.298114	168.6436	0.044655	11.86628	1	1
st151	143.4878	2808.671	7.493016	52.99689	5.692518	126.5856	42.3701	0.985171	3.653198	0.000193	3607.963	0.355698	995.9175	0.021349	12.45188	1	1
st152	148.1833	2549.83	7.41591	50.49584	5.704613	123.5456	41.40134	0.808578	3.065279	0.0002	3444.872	0.329698	847.2054	0.023741	12.41558	1	1
st153	148.4089	2650.1	7.406148	51.47912	5.697878	123.5878	41.66919	0.659043	2.671911	0.000196	3442.917	0.348271	919.9123	0.02214	12.43085	1	1
st154	168.8122	2141.866	7.282195	46.2803	5.624517	113.72	38.18253	0.849403	3.310542	0.000208	3137.187	0.259971	551.0432	0.026041	12.36146	1	1
st155	170.4078	1862.969	7.203515	43.16213	5.60813	105.3011	35.2723	0.858645	2.749689	0.000217	2616.657	0.297895	555.1093	0.025544	12.32086	1	1
st156	158.4011	2706.361	7.411807	52.02269	5.696146	134.7811	45.61005	0.98618	4.108303	0.000191	4503.93	0.171515	466.2058	0.02115	12.46053	1	1
st157	153.6911	2939.224	7.47698	54.21461	5.701185	139.0422	46.82793	0.756657	3.529667	0.000189	4656.202	0.204754	599.4229	0.018917	12.47508	1	1
st158	168.1889	2935.906	7.379416	54.18401	5.662977	139.3889	47.4505	2.580876	20.15765	0.000203	4721.214	0.198972	586.3653	0.019927	12.4046	1	1
st159	167.6422	2643.625	7.367971	51.41619	5.654272	130.4567	44.12521	1.356962	6.266505	0.000202	4187.293	0.202836	532.7215	0.022042	12.40953	1	1
st160	144.12	3165.38	7.510251	56.26171	5.713393	143.3811	48.84634	0.630969	2.869683	0.000185	4934.369	0.222499	706.0399	0.019624	12.49362	1	1
st161	171.7567	1885.73	7.223188	43.425	5.616224	109.8867	36.93297	1.044662	3.800099	0.000209	2851.709	0.242141	455.5708	0.025507	12.35892	1	1
st162	170.27	1725.612	7.130304	41.54049	5.605115	107.4578	36.10231	1.032508	3.516321	0.000213	2660.013	0.211171	357.1972	0.025047	12.33392	1	1
st163	168.1167	2033.818	7.217237	45.09788	5.598825	104.9289	35.26962	0.912074	3.145046	0.000215	2577.245	0.368899	753.2418	0.031922	12.33044	1	1
st164	195.3044	1501.747	6.949883	38.75238	5.50607	100.4978	34.14107	1.704749	7.637568	0.000242	2519.73	0.161229	242.1722	0.03007	12.21372	1	1
st165	179.5878	1984.158	7.207132	44.54389	5.641228	108.5611	36.79118	0.916672	3.956997	0.00021	2681.824	0.323353	640.7889	0.025655	12.35744	1	1
st166	177.6156	1533.928	7.098838	39.16539	5.587765	101.8611	34.11086	0.9194	2.976162	0.000216	2490.028	0.181379	275.8532	0.027715	12.32135	1	1
st167	179.1478	1842.057	7.191653	42.91919	5.641065	111.7011	37.18507	0.917748	3.324329	0.000203	2935.99	0.211342	393.3895	0.022789	12.3921	1	1
st168	181.7789	1908.128	7.125257	43.68212	5.594208	113.2933	38.06259	2.141029	12.35474	0.000231	3136.32	0.18213	349.2099	0.025206	12.29898	1	1
st169	169.3356	1928.108	7.260946	43.91022	5.678521	116.1033	38.92059	0.939741	3.395262	0.000204	3201.541	0.177742	346.0278	0.021623	12.38737	1	1
st170	166.6933	2016.451	7.229803	44.90491	5.604422	114.1356	38.63874	0.864406	2.865038	0.000212	3145.556	0.224718	455.8756	0.0262	12.34285	1	1
st171	112.1144	797.1537	6.691105	28.23391	5.433862	73.29222	24.37633	1.415133	4.084252	0.00028	1255.549	0.193974	151.0768	0.03865	12.01798	1	1
st172	105.8389	963.2032	6.813227	31.03551	5.483505	76.52889	25.44842	1.199961	3.430634	0.000258	1340.891	0.292398	277.0446	0.031863	12.11018	1	1
st173	107.4622	1115.281	6.91677	33.39583	5.48187	78.19	25.88892	1.180238	3.601666	0.000251	1362.06	0.389502	434.502	0.036526	12.1512	1	1
st174	110.5178	1026.09	6.834582	32.03264	5.460416	78.04333	25.8391	1.382818	4.292353	0.000268	1403.177	0.317949	327.0564	0.039346	12.08697	1	1
st175	108.2044	1058.643	6.856478	32.5368	5.494935	78.26222	26.20621	1.49016	4.756576	0.000268	1417.491	0.320535	334.3485	0.03465	12.09447	1	1
st176	114.4433	1079.904	6.890202	32.8619	5.511296	84.34	27.89308	1.39301	4.176296	0.000256	1681.008	0.220557	237.8349	0.032654	12.13708	1	1
st177	115.47	1019.489	6.847943	31.92943	5.492782	79.43778	26.73711	1.158394	3.322141	0.000256	1514.147	0.243782	244.0577	0.03332	12.13008	1	1
st178	108.1944	899.5917	6.771517	29.9932	5.481935	73.79444	24.71712	1.324655	3.922675	0.000275	1292.123	0.275494	245.6649	0.036395	12.03964	1	1
st179	108.6233	1008.731	6.863393	31.76053	5.497791	78.70778	26.13161	1.269845	3.892958	0.000252	1467.749	0.271743	273.8398	0.030525	12.15344	1	1
st180	111.0433	1013.652	6.860709	31.83791	5.510613	81.41111	27.01374	1.294183	3.878267	0.00026	1536.678	0.243054	246.7129	0.035113	12.12414	1	1
st181	107.0156	1088.104	6.938348	32.98643	5.563846	79.35222	26.19167	1.114492	3.299825	0.000242	1434.82	0.349126	384.8149	0.031849	12.19493	1	1
st182	115.11	1018.252	6.839782	31.91005	5.522833	79.13	26.10165	1.21771	3.618882	0.000255	1419.96	0.286651	285.297	0.032836	12.12948	1	1
st183	116.08	1053.124	6.884298	32.45187	5.513883	82.33111	27.03303	1.107622	3.167681	0.000248	1542.896	0.263292	275.7073	0.037721	12.16628	1	1
st184	118.5467	823.8877	6.722286	28.70344	5.431159	72.79444	23.9561	1.376216	3.991824	0.000281	1234.035	0.239478	194.2901	0.03516	12.01186	1	1

st185	108.5522	988.3343	6.838634	31.43779	5.471798	75.87	25.28264	1.339128	4.127218	0.000264	1322.948	0.31997	311.2385	0.034315	12.09718	1	1
st186	112.6811	947.7035	6.793904	30.78479	5.492132	78.57778	25.87669	1.391589	4.250074	0.00028	1473.217	0.221793	209.9377	0.036967	12.04544	1	1
st187	117.8578	962.8251	6.842095	31.02942	5.513146	83.07	27.69913	1.193422	3.494809	0.000249	1648.474	0.146669	141.6689	0.030181	12.15794	1	1
st188	113.1267	998.6247	6.866532	31.60102	5.472112	76.29222	25.4642	1.291673	4.144051	0.000256	1359.907	0.312604	309.2196	0.040648	12.13191	1	1
st189	110.6978	994.4825	6.83707	31.53542	5.47743	75.92111	25.10747	1.228368	3.576943	0.000261	1311.337	0.338708	335.8281	0.036861	12.11065	1	1
st190	114.7933	903.3788	6.754382	30.05626	5.477818	76.73778	25.46018	1.337378	3.761304	0.000269	1342.304	0.258071	233.4521	0.03203	12.05994	1	1
st191	116.9711	911.0603	6.793587	30.18378	5.478775	79.45111	26.32792	1.354141	4.095173	0.000264	1483.062	0.180503	163.33	0.034642	12.08566	1	1
st192	111.71	872.9781	6.762468	29.5462	5.478193	77.77	25.81814	1.187275	3.283024	0.000258	1419.861	0.178569	154.3298	0.035908	12.10566	1	1
st193	104.0622	959.7358	6.848545	30.9796	5.479225	78.46	26.07672	1.230685	3.863473	0.000253	1471.505	0.234958	225.9625	0.036763	12.14076	1	1
st194	116.37	723.5326	6.6352	26.89856	5.43211	68.50667	22.69259	1.485426	4.20786	0.000299	1111.166	0.21792	154.8088	0.039055	11.94911	1	1
st195	115.3322	729.528	6.656661	27.00978	5.40697	70.69222	23.2025	1.391954	4.283828	0.000279	1150.391	0.215452	157.9595	0.037853	12.02248	1	1
st196	117.7067	863.7871	6.731172	29.39025	5.44031	74.29444	24.61983	1.688225	5.938288	0.000283	1256.68	0.272422	235.265	0.040494	12.02197	1	1
st197	109.4878	795.6005	6.725622	28.20639	5.434342	71.19333	23.56825	1.241052	3.464615	0.000271	1145.781	0.277996	220.5827	0.037724	12.05058	1	1
st198	116.7556	823.82	6.734511	28.70227	5.453645	71.92889	23.67656	1.206527	3.278513	0.000278	1188.854	0.285997	238.1	0.042282	12.03656	1	1
st199	116.8678	749.572	6.647227	27.37831	5.423118	70.59111	23.15642	1.470733	4.290568	0.000298	1154.486	0.234352	176.6842	0.040332	11.95988	1	1
st200	109.2522	865.6883	6.772096	29.42258	5.455891	71.78667	23.70566	1.232394	3.466413	0.000273	1160.577	0.327251	282.2749	0.042447	12.05064	1	1
st201	73.99889	660.0612	6.505714	25.69166	5.331521	60.87667	20.45862	1.834372	5.99253	0.000336	820.7339	0.375284	246.5191	0.045806	11.80236	1	1
st202	73.90778	521.8502	6.367133	22.84404	5.285151	56.12111	18.92475	1.733764	5.036851	0.000377	703.3905	0.324843	169.214	0.055368	11.67395	1	1
st203	72.56222	566.3065	6.437083	23.7972	5.343752	57.58778	19.11712	1.62509	4.691079	0.000349	701.679	0.382138	216.9888	0.044174	11.75463	1	1
st204	69.40778	516.9648	6.331453	22.73686	5.294251	53.65667	17.98726	1.844282	5.592207	0.000386	646.4909	0.376422	195.1268	0.05031	11.63333	1	1
st205	71.52556	505.2285	6.292363	22.47729	5.255538	55.20111	18.24733	2.135345	7.653383	0.000423	664.3978	0.355898	168.0239	0.0544	11.56221	1	1
st206	69.54444	535.4452	6.341142	23.13969	5.292797	56.88333	18.84484	2.266624	8.764321	0.000388	704.1343	0.349823	189.4274	0.049412	11.64899	1	1
st207	69.59333	506.2171	6.321961	22.49927	5.248834	55.65	18.57047	1.886302	6.007889	0.000399	672.1307	0.329011	164.7855	0.055546	11.61172	1	1
st208	68	506.0623	6.322204	22.49583	5.282669	55.73	18.66703	1.848362	5.851792	0.000387	704.6059	0.301626	152.1587	0.05026	11.64611	1	1
st209	70.15667	475.9721	6.249088	21.81679	5.237498	54.28222	18.26478	2.124846	7.829352	0.000413	669.7445	0.30196	144.86	0.051958	11.57473	1	1
st210	71.05	496.7127	6.319341	22.28705	5.299438	56.18111	18.74134	1.904715	5.809484	0.000384	701.9047	0.288483	142.293	0.051393	11.64282	1	1
st211	63.73	460.9626	6.233892	21.47004	5.210403	55.21889	18.35607	2.332239	8.505093	0.000448	683.2178	0.255278	117.0979	0.059249	11.50118	1	1
st212	64.42444	532.8408	6.363954	23.08334	5.268533	54.36889	17.99531	1.903988	6.012187	0.000397	642.1899	0.394515	209.2157	0.056571	11.63117	1	1
st213	69.21778	509.8435	6.331017	22.57972	5.26294	56.60556	18.88169	1.783695	5.407851	0.00038	714.3935	0.297706	151.4175	0.055186	11.65493	1	1
st214	67.80556	540.5328	6.391814	23.24936	5.334491	59.79111	19.85861	1.757554	5.413774	0.000351	800.5627	0.270599	148.4998	0.045133	11.74266	1	1
st215	63.57556	445.4704	6.255856	21.10617	5.258178	50.3	16.65956	1.893304	5.8797	0.000408	525.0578	0.406429	179.7583	0.052933	11.54871	1	1
st216	65.71444	507.0363	6.342992	22.51747	5.301775	53.93222	17.95008	1.987105	7.047885	0.000396	631.6411	0.375663	190.0285	0.05239	11.62482	1	1
st217	68.44111	514.7118	6.382606	22.68726	5.318258	54.16	18.12714	1.87482	6.012597	0.000389	643.2645	0.369453	188.4521	0.053717	11.65014	1	1
st218	63.30556	529.5784	6.338484	23.01257	5.28153	56.15556	18.90687	2.071805	7.407711	0.000388	688.329	0.346782	182.7105	0.050338	11.64362	1	1
st219	68.31222	575.7433	6.417087	23.99465	5.347278	58.10333	19.57073	1.789428	5.582378	0.000353	763.2164	0.336811	193.8054	0.049672	11.74674	1	1
st220	71.75111	479.4708	6.268569	21.89682	5.256391	53.77444	17.93542	1.889316	5.683544	0.000415	636.6288	0.335419	160.6559	0.05691	11.56119	1	1
st221	65.03	481.0035	6.301843	21.93179	5.290676	52.26333	17.4764	1.846646	5.762802	0.000393	580.5308	0.395444	189.8649	0.055062	11.59777	1	1
st222	65.81333	547.0241	6.36075	23.38855	5.284154	57.2	19.11563	1.958623	6.381738	0.000393	732.7833	0.326964	177.9949	0.05122	11.63563	1	1
st223	70.23111	462.2558	6.243125	21.50013	5.267673	54.83111	18.254	2.16209	7.80919	0.000421	662.5385	0.284092	131.4567	0.053453	11.57474	1	1
st224	64.28444	480.4752	6.281732	21.91974	5.236048	51.64111	17.31349	1.998536	6.671313	0.000417	587.3513	0.390431	188.1004	0.05283	11.55631	1	1
st225	62.49667	482.931	6.297672	21.97569	5.287251	52.63667	17.72821	1.861068	5.751272	0.000398	625.6825	0.355672	172.6899	0.054605	11.60423	1	1
st226	73.04556	570.1147	6.355404	23.87708	5.207128	51.81667	17.22865	2.018825	6.941371	0.000417	583.6319	0.475764	264.8345	0.059222	11.5652	1	1
st227	71.28444	557.1982	6.372352	23.60505	5.279853	58.81556	19.67315	1.837933	5.76914	0.000378	763.4219	0.310575	171.9545	0.050894	11.67733	1	1
st228	70.94	494.9308	6.266047	22.24704	5.217295	53.72222	17.85066	2.10538	7.233939	0.000421	640.7222	0.343834	167.8709	0.054458	11.54071	1	1
st229	69.06111	421.5791	6.189421	20.53239	5.220704	52.31222	17.28469	2.154169	7.259825	0.000444	610.1746	0.283874	120.9371	0.054537	11.48872	1	1
st230	69.71556	477.879	6.286043	21.86044	5.305822	55.66778	18.35253	2.028251	6.782841	0.000394	672.4577	0.293093	139.4049	0.048977	11.61997	1	1

st231	67.19778	464.4925	6.319543	21.55209	5.289579	56.28667	18.70853	1.857036	5.791482	0.000371	716.8951	0.232347	108.4919	0.050213	11.68565	1	1
st232	78.38556	526.562	6.374216	22.94694	5.322245	55.68333	18.56913	1.533076	4.090372	0.000357	683.0962	0.350914	184.65	0.049416	11.71986	1	1
st233	58.10333	452.2262	6.262767	21.26561	5.243464	49.86667	16.56277	2.01473	6.381762	0.000423	524.8604	0.408547	181.274	0.055713	11.52834	1	1
st234	66.30333	534.5564	6.357979	23.12048	5.253914	51.71778	17.09681	2.247339	8.763529	0.000417	572.3866	0.464136	247.8848	0.057469	11.58795	1	1
st235	68.06667	548.3204	6.357323	23.41624	5.278913	54.35778	18.12306	1.921324	6.351189	0.000397	669.5731	0.387689	211.9724	0.056586	11.62574	1	1
st236	72.83	468.7286	6.226892	21.65014	5.209956	55.72111	18.63791	2.060154	6.59642	0.000435	689.1544	0.254601	117.6951	0.054954	11.50703	1	1
st237	71.45778	438.4932	6.261008	20.94023	5.229266	52.02444	17.3684	2.084172	7.03215	0.000429	624.5622	0.291246	128.3247	0.058488	11.53513	1	1
st238	68.21111	474.5538	6.281139	21.78426	5.255212	54.71111	18.23119	1.964198	6.464475	0.000405	668.7123	0.289481	136.2243	0.050682	11.58605	1	1
st239	67.19556	403.6636	6.171432	20.09138	5.20394	50.39667	16.60145	1.993334	6.177569	0.000445	551.1763	0.312794	125.4388	0.057774	11.47156	1	1
st240	74.24556	582.3924	6.412818	24.13281	5.317221	55.23556	18.55467	1.745129	5.55482	0.000363	657.7796	0.433019	251.1822	0.048612	11.69787	1	1
st241	83.28	402.4087	6.155067	20.06013	5.199267	48.40444	16.01148	2.151112	7.242973	0.000467	501.2741	0.381736	154.7511	0.061622	11.41971	1	1
st242	79.08889	415.0488	6.205422	20.37275	5.248668	49.78889	16.56322	2.096684	7.009958	0.000453	544.7322	0.342726	142.0214	0.057734	11.48117	1	1
st243	75.84222	334.1197	6.01544	18.27894	5.094154	45.62	15.155	2.197077	7.194075	0.000521	470.4825	0.299228	100.4474	0.068888	11.25201	1	1
st244	65.91889	440.4039	6.22187	20.9858	5.228662	50.72889	17.06229	2.089827	6.743249	0.000445	564.2474	0.349824	151.7951	0.061125	11.48884	1	1
st245	67.58778	549.3193	6.40774	23.43756	5.294624	55.47667	18.38758	1.862421	5.88436	0.000381	653.4506	0.401406	219.096	0.056029	11.67247	1	1
st246	69.93	527.9651	6.343182	22.97749	5.285746	56.22889	18.68713	1.865745	5.716221	0.000391	673.9704	0.362575	191.6813	0.048344	11.63568	1	1
st247	64.66778	600.5647	6.426542	24.50642	5.31772	55.22778	18.53058	1.864598	6.627055	0.000361	683.02	0.429486	257.0909	0.049876	11.72177	1	1
st248	68.56	512.1466	6.308768	22.63066	5.27884	54.75111	18.1279	1.83902	5.63287	0.000399	666.6027	0.346095	176.4077	0.056195	11.61837	1	1
st249	62.18222	523.0724	6.317726	22.87078	5.285489	55.72333	18.47266	1.867456	5.781787	0.000389	659.3017	0.369631	193.2981	0.051517	11.62367	1	1
st250	71.86667	543.2013	6.383914	23.30668	5.324445	59.39778	19.47922	2.089145	7.421916	0.000372	742.6376	0.314058	170.0079	0.047886	11.70346	1	1
st251	143.5011	2767.423	7.391074	52.6063	5.677814	125.56	41.87862	1.111497	4.148267	0.000202	3512.603	0.363017	1000.917	0.024113	12.40304	1	1
st252	148.1811	2517.437	7.307469	50.17406	5.668541	122.3656	41.02436	1.062211	3.730138	0.000209	3384.623	0.333554	846.9952	0.023765	12.36446	1	1
st253	148.3856	2602.012	7.291363	51.00993	5.643844	121.8922	41.09816	1.059297	3.452289	0.000213	3343.72	0.355589	922.541	0.026949	12.34452	1	1
st254	168.8778	2101.8	7.194073	45.8454	5.589336	112.1289	37.64509	1.119465	3.869084	0.000215	3052.267	0.266874	555.5448	0.025187	12.33321	1	1
st255	170.4867	1829.451	7.119903	42.77209	5.583879	103.7889	34.79969	1.099485	3.323764	0.000229	2547.178	0.303194	554.1625	0.027961	12.26138	1	1
st256	158.4367	2683.009	7.317077	51.79777	5.637633	134.1789	45.35283	1.090939	3.770896	0.000206	4452.756	0.173953	468.8418	0.026176	12.38379	1	1
st257	153.7411	2902.88	7.404013	53.87838	5.695129	137.3378	46.39328	0.963851	4.149665	0.000195	4570.251	0.209921	607.1491	0.019526	12.43763	1	1
st258	168.2667	2907.326	7.303369	53.91963	5.639724	138.4389	47.11056	2.502178	17.02298	0.000218	4656.114	0.202367	590.6516	0.024696	12.34807	1	1
st259	167.6978	2628.42	7.292004	51.26812	5.649461	129.6178	43.98296	1.351197	5.344532	0.000211	4149.714	0.204648	533.87	0.023544	12.35934	1	1
st260	144.1333	3137.088	7.475707	56.00971	5.709804	142.6978	48.5625	0.925469	3.53979	0.000187	4882.221	0.223723	703.5278	0.018804	12.47997	1	1
st261	171.7033	1867.671	7.117305	43.21655	5.594482	109.2667	36.75663	1.387578	5.508421	0.000224	2817.96	0.244111	455.0234	0.028283	12.28996	1	1
st262	170.2967	1698.089	7.087486	41.20787	5.596723	106.1111	35.72297	1.216991	3.87782	0.00023	2603.848	0.216019	358.7345	0.025388	12.26099	1	1
st263	168.16	2001	7.147354	44.73254	5.57311	103.69	34.80536	1.439633	4.996809	0.000228	2506.364	0.376081	755.3821	0.0327	12.27628	1	1
st264	195.3422	1493.638	6.849966	38.64761	5.465719	100.1878	33.97809	2.162775	9.661036	0.000277	2503.609	0.161998	241.9922	0.031668	12.07247	1	1
st265	179.6444	1948.174	7.117996	44.13812	5.578143	107.1111	36.29866	1.581	7.073586	0.00023	2607.435	0.329522	640.741	0.02856	12.26591	1	1
st266	177.5856	1530.541	7.024435	39.12213	5.550124	101.7889	34.07765	1.166347	3.512204	0.000234	2490.198	0.180045	273.3977	0.030336	12.24731	1	1
st267	179.2122	1827.318	7.085647	42.74714	5.56819	111.3133	36.99781	1.781223	7.784441	0.000224	2899.32	0.214309	395.4168	0.020605	12.30012	1	1
st268	181.8889	1882.946	7.053891	43.39293	5.545212	112.15	37.70208	1.903669	8.564337	0.000239	3072.424	0.188612	357.1013	0.027993	12.24596	1	1
st269	169.3667	1899.445	7.122925	43.58262	5.609848	114.8856	38.59903	1.108232	3.493064	0.000214	3138.17	0.180786	346.2683	0.026971	12.33099	1	1
st270	166.6878	1988.611	7.173483	44.59385	5.617177	113.4456	38.28606	1.179853	3.865062	0.000213	3092.649	0.227933	456.5133	0.026285	12.34282	1	1
st271	112.1167	776.3523	6.578498	27.8631	5.356205	71.62333	23.96054	1.787051	5.44801	0.000329	1212.978	0.200313	151.9187	0.042867	11.86154	1	1
st272	105.8589	937.7876	6.712308	30.62332	5.447419	74.74111	24.87606	1.625284	5.11163	0.000285	1285.375	0.303046	279.4494	0.038399	12.01531	1	1
st273	107.4511	1078.41	6.767766	32.83916	5.425709	75.26111	25.15261	1.575118	4.883889	0.000294	1285.875	0.40485	437.357	0.03885	11.98781	1	1
st274	110.5489	1010.226	6.729695	31.78405	5.413885	76.78444	25.54397	1.718166	5.537428	0.000305	1367.808	0.32469	328.8215	0.044955	11.95338	1	1
st275	108.2067	1038.467	6.769114	32.22525	5.456764	77.06889	25.85825	1.751732	5.90553	0.00029	1381.383	0.325576	333.4297	0.038845	12.00237	1	1
st276	114.4422	1053.299	6.765877	32.45457	5.452521	82.78556	27.46721	1.630431	5.089527	0.000288	1631.79	0.224386	236.0388	0.039097	12.02251	1	1

st277	115.4322	1004.223	6.794117	31.68949	5.488504	78.63333	26.43558	1.354476	3.985754	0.000264	1486.357	0.247151	243.9766	0.035918	12.09275	1	1
st278	108.1733	864.9866	6.65356	29.41066	5.398259	71.54556	24.00239	1.636334	5.053994	0.000303	1215.758	0.289404	247.571	0.038055	11.94937	1	1
st279	108.6033	981.8391	6.713632	31.33431	5.429055	77.14111	25.6436	1.780929	6.059842	0.000297	1410.708	0.281371	276.1735	0.038676	11.98328	1	1
st280	111.04	991.5112	6.770717	31.48827	5.425615	80.16	26.62705	1.579511	4.874582	0.000286	1496.138	0.2471	245.5143	0.039422	12.02224	1	1
st281	107.0011	1062.003	6.819959	32.58839	5.482365	77.56333	25.67733	1.453717	4.275628	0.000273	1378.573	0.359261	386.4819	0.036545	12.05865	1	1
st282	115.0622	997.6735	6.773205	31.58597	5.501733	77.96889	25.74065	1.48573	4.539893	0.000271	1381.684	0.291215	283.8435	0.035734	12.06138	1	1
st283	116.0578	1026.775	6.718312	32.04334	5.388353	80.85	26.57785	1.569034	4.993169	0.0003	1484.115	0.272378	277.7817	0.045178	11.96502	1	1
st284	118.5356	799.3235	6.615395	28.27231	5.390875	71.09333	23.424	1.769095	5.637039	0.000318	1185.125	0.247629	195.0312	0.041452	11.88836	1	1
st285	108.5622	960.9005	6.729201	30.9984	5.417681	74.24444	24.7803	1.444545	4.154148	0.000293	1269.845	0.329348	311.8012	0.037993	11.98256	1	1
st286	112.6011	915.6216	6.693692	30.25924	5.435771	76.81111	25.26432	1.782145	5.908063	0.000301	1406.297	0.232193	212.6399	0.040299	11.95947	1	1
st287	117.8522	926.5755	6.716222	30.4397	5.433389	81.03444	27.01658	1.581398	4.849584	0.000289	1568.119	0.155117	143.9497	0.037144	12.00334	1	1
st288	113.07	961.6136	6.714051	31.0099	5.426929	74.04778	24.73204	1.599269	5.154787	0.000289	1274.577	0.330595	314.7341	0.042426	11.99673	1	1
st289	110.6933	958.1172	6.756974	30.95347	5.429209	73.36889	24.40865	1.393989	4.057801	0.000282	1229.278	0.355911	339.6367	0.038063	12.02721	1	1
st290	114.7722	878.6633	6.70736	29.64226	5.455014	75.12889	24.95913	1.578717	4.808515	0.000279	1287.371	0.26866	236.4596	0.036531	12.03225	1	1
st291	116.93	879.4044	6.689833	29.65475	5.442647	77.43222	25.78047	1.629749	4.966997	0.000293	1414.872	0.189418	165.3149	0.036204	11.98387	1	1
st292	111.6878	851.6699	6.659695	29.18338	5.408119	76.15778	25.38795	1.599723	4.977691	0.000302	1370.765	0.18553	156.1252	0.040167	11.94943	1	1
st293	104.0578	931.0044	6.737833	30.51237	5.444434	76.59667	25.49931	1.570717	5.035333	0.000287	1404.839	0.246234	229.4605	0.034131	12.00522	1	1
st294	116.3978	701.9506	6.492065	26.49435	5.297695	66.74667	22.17635	1.965451	6.599625	0.00036	1066.387	0.225661	155.3854	0.042663	11.76817	1	1
st295	115.3322	700.954	6.542462	26.47554	5.366171	68.70222	22.68517	1.639565	4.90881	0.000313	1088.353	0.227489	160.2495	0.038724	11.89168	1	1
st296	117.6744	839.8572	6.666412	28.98029	5.410641	72.40667	24.15666	1.64546	4.999614	0.000312	1206.651	0.281341	236.1904	0.040109	11.91936	1	1
st297	109.5078	764.1701	6.593997	27.64363	5.381651	68.97333	22.90545	1.595253	4.766451	0.000313	1079.128	0.292036	222.5709	0.043428	11.89829	1	1
st298	116.7389	803.2299	6.652246	28.34131	5.406003	70.20444	23.29219	1.432662	4.079506	0.000292	1147.185	0.292823	237.5093	0.041316	11.96555	1	1
st299	116.8478	719.2393	6.548467	26.81864	5.384416	68.44556	22.50819	1.862257	6.296917	0.000332	1088.513	0.247734	179.2324	0.04208	11.85274	1	1
st300	109.2689	844.3325	6.663446	29.0574	5.417274	70.78667	23.30911	1.641085	5.61734	0.000305	1117.721	0.335434	282.0802	0.044112	11.93977	1	1
st301	74	675.2303	6.521837	25.98519	5.353028	62.18	20.84439	1.586125	4.595355	0.000333	849.8013	0.367997	247.4078	0.047327	11.82604	1	1
st302	73.96556	516.0956	6.360904	22.71774	5.266614	56.22111	18.72771	1.872478	5.888133	0.000375	692.5459	0.32792	168.9525	0.050154	11.67768	1	1
st303	72.57889	555.2385	6.377893	23.5635	5.293371	56.58222	18.78819	1.688882	4.85287	0.00038	679.2533	0.391323	218.349	0.051003	11.66341	1	1
st304	69.41	526.1354	6.318842	22.93764	5.275209	54.06556	18.20259	2.046554	7.091535	0.000409	663.6564	0.371542	196.1757	0.055064	11.60018	1	1
st305	71.53556	503.4481	6.316841	22.43765	5.282051	55.13222	18.24185	1.903204	5.931321	0.000392	661.9492	0.336586	167.9218	0.052756	11.63036	1	1
st306	69.54444	535.8278	6.376769	23.14796	5.287691	56.76444	18.90813	2.033956	7.214559	0.000386	705.0776	0.349557	189.4595	0.050246	11.6741	1	1
st307	69.56222	502.5846	6.316311	22.4184	5.229584	55.65222	18.49245	2.06519	6.989656	0.000409	667.4556	0.33109	165.185	0.053402	11.58687	1	1
st308	67.89222	513.9405	6.321436	22.67026	5.29634	55.95111	18.92338	1.965333	6.417049	0.000392	725.3704	0.292628	150.037	0.052482	11.62613	1	1
st309	70.13667	476.0759	6.301993	21.81916	5.271663	54.60111	18.2731	1.889313	5.681945	0.000386	673.6414	0.29826	143.1588	0.048921	11.63306	1	1
st310	71.08	500.7856	6.317288	22.37824	5.291252	56.26222	18.82366	1.927371	6.175326	0.000384	710.6061	0.284677	141.4002	0.048481	11.64714	1	1
st311	63.66111	457.528	6.277329	21.3899	5.277588	54.93222	18.12941	1.946394	6.263798	0.000409	668.7304	0.263052	119.3507	0.053522	11.60037	1	1
st312	64.37111	520.732	6.367358	22.81955	5.267964	53.20667	17.61698	1.856229	6.171287	0.000395	613.0142	0.408737	211.8864	0.058531	11.63645	1	1
st313	69.16778	498.8027	6.313921	22.33389	5.263467	56.17889	18.60284	1.85758	5.524522	0.000398	696.6908	0.30122	150.1596	0.051797	11.60143	1	1
st314	67.80778	546.7873	6.396234	23.38348	5.299075	60.25333	19.98266	1.856892	5.973675	0.000364	814.8245	0.266251	147.8351	0.051116	11.71716	1	1
st315	63.61778	442.3699	6.237592	21.03259	5.19931	49.95667	16.55185	2.124624	7.201968	0.000444	517.9673	0.409893	179.8924	0.059669	11.48145	1	1
st316	65.71667	503.3245	6.259137	22.4349	5.222037	53.35889	17.88692	2.080932	7.095259	0.000428	625.5671	0.376923	189.2146	0.058616	11.54057	1	1
st317	68.39667	522.8892	6.376381	22.86677	5.303895	55.08889	18.33839	1.742681	5.107431	0.000375	661.8842	0.362225	187.9591	0.049505	11.661	1	1
st318	63.36	520.1016	6.356694	22.80574	5.279212	55.59	18.58088	1.731002	5.122692	0.000387	669.4977	0.35377	183.2537	0.054235	11.64473	1	1
st319	68.31333	570.9006	6.391882	23.89353	5.310051	57.56778	19.42538	1.875639	5.947352	0.000371	749.7114	0.343066	195.7585	0.050956	11.6894	1	1
st320	71.77556	480.7238	6.260448	21.92541	5.260827	53.77222	17.91837	1.859257	5.671279	0.000396	637.9293	0.335445	161.0029	0.055244	11.58599	1	1
st321	65.06778	480.4326	6.275887	21.91877	5.224235	52.06222	17.46796	1.829354	5.441548	0.000407	579.9378	0.394965	189.2906	0.059015	11.57396	1	1
st322	65.87778	542.0073	6.327063	23.28105	5.292937	57.21556	19.00047	1.88692	5.843324	0.000393	724.244	0.3281	176.8305	0.054162	11.62459	1	1

st323	70.21889	470.0555	6.266961	21.68076	5.27049	55.07667	18.48986	2.017219	6.830584	0.000412	685.2822	0.270463	127.0283	0.054019	11.57783	1	1
st324	64.22	483.2841	6.263432	21.98372	5.25709	52.05889	17.35449	2.310026	9.066714	0.000436	591.9125	0.389451	188.7818	0.057478	11.53844	1	1
st325	62.45667	488.571	6.313466	22.10364	5.280925	53.04333	17.88927	1.9963	6.9627	0.000399	636.8946	0.350744	172.0329	0.052135	11.62012	1	1
st326	72.98667	567.7551	6.421046	23.82761	5.258536	51.72444	17.19103	1.858868	5.877065	0.000381	576.8024	0.479473	265.6551	0.056448	11.6722	1	1
st327	71.38222	561.5	6.391863	23.69599	5.288315	58.99333	19.70384	1.848388	5.960919	0.000378	770.9949	0.307456	171.1424	0.049196	11.68176	1	1
st328	70.90889	487.5801	6.282454	22.08122	5.23098	53.58222	17.71861	1.897962	5.91002	0.000416	624.3224	0.350865	168.7265	0.056365	11.553	1	1
st329	69.06889	422.3468	6.171967	20.55108	5.172836	51.71333	17.21796	2.412047	9.262888	0.000481	609.2671	0.284424	121.0847	0.066734	11.43237	1	1
st330	69.69667	481.9001	6.279432	21.95222	5.244818	55.58333	18.4628	2.010617	6.662886	0.000414	684.7427	0.287835	138.3761	0.053725	11.56853	1	1
st331	67.14444	463.087	6.213186	21.51946	5.233549	55.74667	18.55518	2.129497	7.466574	0.000421	705.6417	0.240452	111.6933	0.050142	11.54682	1	1
st332	78.39889	525.1722	6.311204	22.91664	5.266953	55.55667	18.52026	1.780565	5.348819	0.000382	677.293	0.355002	186.3889	0.051966	11.62875	1	1
st333	58.13333	453.337	6.249746	21.29171	5.240539	49.57444	16.58869	1.946276	6.059954	0.000423	527.2291	0.408726	182.2272	0.05654	11.52574	1	1
st334	66.28333	536.4613	6.384117	23.16164	5.267888	51.59444	17.12397	1.874669	6.011978	0.000392	576.9971	0.461773	247.5178	0.053368	11.63768	1	1
st335	68.10889	547.5921	6.400415	23.40069	5.317891	54.25444	18.17567	1.722567	5.051125	0.000362	669.3319	0.387311	211.5588	0.052239	11.70947	1	1
st336	72.82778	468.452	6.268755	21.64375	5.261347	56.15	18.68678	1.984605	6.389336	0.000408	693.9095	0.250131	115.7325	0.047585	11.57676	1	1
st337	71.38556	441.859	6.213647	21.02044	5.217071	52.58	17.51173	2.021415	6.289829	0.000442	637.1422	0.281876	125.0445	0.053726	11.49439	1	1
st338	68.28556	466.707	6.290087	21.6034	5.284241	54.16	18.04241	1.795497	5.341478	0.000391	645.4305	0.300598	138.7011	0.051237	11.61923	1	1
st339	67.17444	400.4623	6.155364	20.01155	5.183874	49.7	16.4703	2.084294	6.562952	0.000452	546.3916	0.313076	124.5132	0.06068	11.44373	1	1
st340	74.30556	572.9733	6.366151	23.93686	5.287321	54.73889	18.38214	1.740405	5.177929	0.000386	643.4252	0.437482	250.2028	0.051741	11.64992	1	1
st341	83.22111	401.1602	6.145164	20.02898	5.200874	48.37	15.92852	2.185505	7.582202	0.000471	498.7795	0.383946	155.4284	0.05837	11.39802	1	1
st342	79.00556	420.604	6.197741	20.50863	5.221377	50.03111	16.81689	2.306991	8.364918	0.000455	557.2655	0.33517	140.4713	0.062387	11.4696	1	1
st343	75.84778	335.7399	6.056906	18.32321	5.199359	45.70222	15.26722	2.265802	7.890294	0.000482	480.7328	0.28903	97.7161	0.057588	11.36027	1	1
st344	65.95556	442.8523	6.223843	21.04406	5.229602	51.16667	17.10022	2.077843	6.519468	0.000443	577.3309	0.341084	149.4262	0.054611	11.49476	1	1
st345	67.59667	556.0896	6.377114	23.58155	5.24637	56.04667	18.55689	2.13002	7.482253	0.000394	663.4257	0.398533	219.7936	0.056049	11.63062	1	1
st346	69.97333	535.3741	6.392878	23.13815	5.321727	57.02667	18.85916	1.804913	5.471852	0.000366	686.2997	0.35994	192.9713	0.043491	11.70804	1	1
st347	64.63444	602.3167	6.455592	24.54214	5.305144	55.86667	18.52511	1.67756	5.025577	0.000362	680.8989	0.432218	259.1638	0.056042	11.73299	1	1
st348	68.54778	511.674	6.358781	22.62021	5.287363	54.80556	18.17047	1.737163	5.163635	0.00038	671.8277	0.340382	173.3416	0.048121	11.66852	1	1
st349	62.18889	529.2057	6.368715	23.00447	5.322989	56.14222	18.64511	1.866361	5.799199	0.000371	669.3663	0.365063	192.429	0.053281	11.67726	1	1
st350	71.88556	538.7288	6.403915	23.21053	5.350439	58.75556	19.34621	1.900325	6.358387	0.000366	732.2674	0.316573	169.598	0.049721	11.70706	1	1
st351	143.4756	2761.587	7.347704	52.5508	5.638521	125.3211	41.70866	1.061311	4.002225	0.000204	3492.219	0.365724	1006.808	0.023316	12.38729	1	1
st352	148.1356	2521.77	7.369783	50.21723	5.672389	122.8378	41.12154	0.983191	3.563425	0.000202	3407.921	0.329648	837.9302	0.0246	12.40412	1	1
st353	148.3556	2610.229	7.387254	51.0904	5.684334	122.4067	41.24355	0.848564	2.984796	0.000198	3381.604	0.35151	916.4875	0.024832	12.42193	1	1
st354	168.8533	2091.976	7.211897	45.73813	5.587683	111.94	37.50742	0.908049	2.876981	0.000214	3024.272	0.27051	560.7308	0.027336	12.32641	1	1
st355	170.5233	1840.503	7.129929	42.90109	5.573199	104.02	34.97484	1.248942	4.209936	0.00023	2580.081	0.298296	548.4058	0.029444	12.25439	1	1
st356	158.4644	2681.986	7.334444	51.7879	5.676893	134.0722	45.43173	1.026359	3.992265	0.000199	4445.782	0.174052	468.431	0.023411	12.42164	1	1
st357	153.7211	2876.495	7.399345	53.63297	5.67944	136.8578	46.16735	1.15744	4.777602	0.000198	4502.864	0.213932	612.7361	0.02108	12.42667	1	1
st358	168.2944	2917.283	7.307609	54.01187	5.590265	138.6522	47.1944	3.225633	26.37375	0.00022	4672.034	0.20191	590.9938	0.025885	12.33754	1	1
st359	167.6778	2627.894	7.313193	51.26299	5.619082	129.7678	44.04955	1.432787	6.558318	0.000216	4155.58	0.203484	530.8083	0.022704	12.3422	1	1
st360	144.1333	3147.184	7.470576	56.09976	5.676988	142.8889	48.75361	0.818003	2.913172	0.000188	4902.973	0.223172	704.2765	0.019128	12.47522	1	1
st361	171.74	1872.818	7.130972	43.27606	5.590361	109.9633	36.89526	1.306656	4.936253	0.000221	2833.642	0.242929	454.6297	0.027549	12.30518	1	1
st362	170.3789	1683.811	7.083503	41.03426	5.573566	104.9756	35.43114	1.54097	5.448376	0.000234	2559.158	0.221651	364.3874	0.026691	12.24703	1	1
st363	168.1611	1999.486	7.165012	44.71561	5.608486	103.68	34.72789	1.16891	3.822743	0.000226	2499.454	0.376778	755.5397	0.028665	12.28981	1	1
st364	195.2467	1511.252	6.876154	38.87482	5.500783	100.3333	34.14721	2.08129	10.54139	0.000259	2542.986	0.158932	240.2671	0.032208	12.138	1	1
st365	179.6633	1937.191	7.07828	44.01354	5.587333	107.0722	36.19312	1.744665	8.923015	0.000242	2586.31	0.331208	640.4144	0.027953	12.25109	1	1
st366	177.5678	1502.639	6.978696	38.76389	5.519434	100.5467	33.6574	1.425165	4.431806	0.000239	2433.504	0.18513	276.4325	0.031171	12.21284	1	1
st367	179.2178	1825.158	7.098722	42.72187	5.602359	110.8278	36.91115	1.556165	6.106924	0.000226	2885.407	0.216588	398.8608	0.024238	12.27776	1	1
st368	181.8478	1901.629	7.072311	43.60767	5.56483	112.4944	37.94164	1.522774	5.837572	0.000229	3115.245	0.185917	355.7246	0.028083	12.27078	1	1

st369	169.3956	1923.281	7.155137	43.85522	5.601616	115.4222	38.89417	1.200779	4.07676	0.000221	3197.204	0.175175	339.5089	0.022373	12.31447	1	1
st370	166.67	1977.509	7.140414	44.4692	5.589961	113.31	38.17867	1.459009	5.250283	0.000223	3068.524	0.229646	457.371	0.02818	12.30093	1	1
st371	112.1644	766.8183	6.584241	27.69148	5.379634	70.92556	23.83563	1.781422	5.839707	0.000317	1188.264	0.20605	154.1924	0.041074	11.88608	1	1
st372	105.7856	946.6136	6.7042	30.76709	5.412131	75.11556	24.90505	1.615873	5.043615	0.000307	1301.513	0.3019	281.4261	0.041795	11.96525	1	1
st373	107.47	1079.05	6.828606	32.8489	5.514099	75.42333	25.18566	1.457535	4.399428	0.000265	1293.486	0.403318	437.1553	0.036543	12.08791	1	1
st374	110.5589	1018.916	6.771386	31.92047	5.470433	77.53889	25.73853	1.567069	4.875095	0.000281	1388.072	0.320063	326.7003	0.036482	12.03007	1	1
st375	108.2956	1042.854	6.812528	32.29324	5.489772	77.68333	25.95754	1.571037	4.94286	0.000279	1398.405	0.321221	330.8867	0.036121	12.04618	1	1
st376	114.3967	1029.697	6.724708	32.08889	5.43978	81.38333	27.04872	1.751638	5.522219	0.000298	1563.553	0.237007	242.8412	0.034075	11.98007	1	1
st377	115.3456	984.1841	6.678958	31.37171	5.449385	77.62556	26.01871	1.715224	5.508172	0.000308	1436.059	0.255445	246.3447	0.040094	11.93527	1	1
st378	108.17	864.5328	6.616687	29.40294	5.400024	71.20778	23.93624	1.714824	5.26517	0.000318	1207.306	0.292512	249.581	0.042865	11.89298	1	1
st379	108.6044	989.6743	6.753511	31.45909	5.449392	77.76222	25.7476	1.699383	5.588081	0.000291	1431.476	0.276479	273.5049	0.035231	11.99442	1	1
st380	111.1	978.3326	6.707083	31.27831	5.421509	79.36111	26.27628	1.70334	5.274708	0.000299	1469.408	0.250035	244.9467	0.038171	11.96558	1	1
st381	107.0567	1072.027	6.799787	32.74182	5.44905	78.09556	25.88662	1.580466	5.048406	0.000277	1402.231	0.353754	383.7896	0.038613	12.05473	1	1
st382	115.1389	988.3889	6.750686	31.43865	5.474108	77.15111	25.56585	1.462143	4.202785	0.000282	1360.903	0.293985	283.3408	0.039333	12.02922	1	1
st383	116.0511	1038.743	6.813417	32.22953	5.45395	81.23111	26.72684	1.40583	4.185981	0.000276	1511.935	0.267568	276.1664	0.036906	12.03944	1	1
st384	118.54	805.5991	6.639729	28.38308	5.380288	71.95222	23.616	1.777934	6.110838	0.000316	1206.478	0.240896	191.4338	0.043424	11.90282	1	1
st385	108.5878	974.6719	6.744933	31.21974	5.451718	75.28333	24.99886	1.465	4.387008	0.000284	1291.482	0.326	312.3318	0.034177	12.01525	1	1
st386	112.6322	912.6666	6.692841	30.21037	5.392315	76.43333	25.26483	1.915615	6.518324	0.000301	1404.725	0.232623	212.9141	0.042937	11.96747	1	1
st387	117.8867	939.2352	6.770094	30.64694	5.493539	81.35778	27.19243	1.526198	4.806493	0.000267	1600.458	0.148288	139.3245	0.03007	12.07694	1	1
st388	113.0178	962.3445	6.685981	31.02168	5.40076	74.49222	24.81168	1.810801	6.074873	0.000314	1276.157	0.330247	314.6292	0.042686	11.93206	1	1
st389	110.7044	968.5488	6.752973	31.12152	5.459808	73.87	24.58131	1.65475	5.317471	0.000289	1250.833	0.351033	338.2943	0.038722	12.00974	1	1
st390	114.8133	874.2988	6.702083	29.56854	5.422371	74.95667	24.90659	1.84352	6.708015	0.000303	1277.301	0.27002	236.2368	0.040279	11.96588	1	1
st391	116.87	868.0999	6.686562	29.46354	5.4511	77.10333	25.62917	1.853082	6.783861	0.000293	1390.845	0.192821	166.1246	0.035707	11.98776	1	1
st392	111.65	844.1699	6.656933	29.0546	5.407521	75.60889	25.23534	1.685781	5.362466	0.000297	1354.898	0.187229	156.056	0.038108	11.95433	1	1
st393	103.9889	912.8742	6.738795	30.21381	5.469085	76.43667	25.22214	1.53582	4.789472	0.000285	1364.047	0.253653	231.7919	0.034289	12.00751	1	1
st394	116.4589	697.8815	6.491001	26.41745	5.33944	66.69889	22.07587	1.842683	6.112079	0.000346	1057.924	0.22873	156.8704	0.048975	11.78851	1	1
st395	115.2944	687.9455	6.574866	26.22871	5.388578	68.08667	22.40075	1.489681	4.269606	0.000303	1055.755	0.235698	162.7887	0.03821	11.91912	1	1
st396	117.6889	840.8019	6.648353	28.99658	5.409657	72.32111	24.12389	1.850192	6.406553	0.000314	1204.815	0.283595	238.4677	0.044055	11.9155	1	1
st397	109.57	772.628	6.61319	27.79619	5.421501	69.82222	23.07557	1.631448	5.135208	0.000309	1096.684	0.287571	221.3373	0.041582	11.90842	1	1
st398	116.66	794.8209	6.62133	28.19257	5.406075	69.97778	23.14733	1.83617	6.680465	0.000314	1125.007	0.299913	240.9731	0.041792	11.9175	1	1
st399	116.9489	721.1008	6.533148	26.85332	5.360342	68.48333	22.53987	1.81143	5.841176	0.000334	1094.984	0.244669	177.3451	0.041533	11.82695	1	1
st400	109.2233	847.3861	6.66375	29.1099	5.369339	71.16	23.36091	1.620613	4.846203	0.00031	1126.121	0.334052	282.4416	0.043647	11.91861	1	1
st401	79.66222	633.8909	6.649162	25.17719	5.492906	67.82222	22.41202	1.273062	3.335359	0.000174	1053.414	0.170912	108.5779	0.037473	12.83645	1	1
st402	79.2075	664.2562	6.67623	25.77317	5.493529	68.8075	22.81074	1.205122	3.152843	0.000168	1098.062	0.174037	115.6851	0.038061	12.87256	1	1
st403	85.51639	740.1159	6.759133	27.20507	5.521905	73.22417	24.24958	1.121525	2.848379	0.000155	1256.764	0.153211	113.6942	0.03832	12.98708	1	1
st404	81.93361	791.8753	6.817232	28.14028	5.563042	76.51694	25.38154	1.058998	2.724259	0.000143	1354.155	0.145276	115.0817	0.035292	13.08799	1	1
st405	78.51111	854.7184	6.855918	29.23557	5.548104	74.20528	24.67336	0.986623	2.591511	0.00014	1272.391	0.252035	214.3728	0.036499	13.1127	1	1
st406	76.195	854.8455	6.856881	29.23774	5.550245	75.85833	25.26156	1.06878	2.852087	0.000141	1362.324	0.199451	169.7067	0.035986	13.12349	1	1
st407	65.21028	768.8224	6.749925	27.72765	5.509576	70.39361	23.47043	1.083748	2.900362	0.000154	1154.97	0.251025	193.5486	0.041126	12.9833	1	1
st408	72.98417	925.1037	6.885041	30.41552	5.54892	71.56444	23.91163	0.924825	2.600388	0.00014	1176.255	0.362565	334.5198	0.04007	13.12325	1	1
st409	71.17889	791.6762	6.786805	28.13674	5.535069	73.58778	24.48285	0.996015	2.602862	0.000144	1232.191	0.216769	170.5118	0.036281	13.05103	1	1
st410	73.4525	793.1258	6.794027	28.16249	5.561064	75.6275	25.03165	1.083026	2.893255	0.000146	1294.38	0.183933	145.8696	0.036006	13.0659	1	1
st411	61.02111	888.632	6.825269	29.80993	5.539891	67.99194	22.77777	0.905439	2.628431	0.000151	1050.417	0.408656	362.9523	0.04414	13.05604	1	1
st412	66.14444	914.4715	6.862526	30.24023	5.546352	67.76667	22.56561	0.824453	2.261118	0.000144	1040.218	0.43044	393.0684	0.042511	13.07658	1	1
st413	64.61389	770.5894	6.768392	27.75949	5.544458	71.94222	23.77607	0.965944	2.495772	0.000147	1161.875	0.247481	191.053	0.037617	13.02815	1	1
st414	65.29389	798.4037	6.784588	28.25604	5.529464	71.91	23.94685	0.979246	2.57176	0.000147	1170.875	0.266941	213.1848	0.040974	13.03482	1	1

st415	73.49889	823.4448	6.826907	28.69573	5.549964	76.90972	25.50095	1.059926	2.813601	0.000143	1365.189	0.172736	142.5282	0.035297	13.09454	1	1
st416	73.50306	849.9522	6.842583	29.15394	5.562779	74.92917	24.90845	0.968854	2.646305	0.000139	1278.54	0.249313	212.3102	0.036299	13.11581	1	1
st417	71.29111	651.1295	6.676373	25.51724	5.49591	68.55917	22.76007	1.155401	2.949512	0.000166	1088.089	0.163442	106.2923	0.040782	12.88098	1	1
st418	76.79778	966.4731	6.927434	31.08815	5.587134	79.7125	26.66857	0.819261	2.237139	0.000127	1457.734	0.241681	232.2943	0.03403	13.23951	1	1
st419	75.86917	845.1546	6.849947	29.07154	5.594087	77.29389	25.7039	0.94515	2.51973	0.000134	1341.661	0.206861	174.9615	0.033933	13.14955	1	1
st420	65.32722	879.9285	6.833148	29.66359	5.558741	73.13972	24.44715	0.894721	2.412353	0.00014	1209.615	0.31359	276.3094	0.038683	13.1015	1	1
st421	71.08667	658.1709	6.682164	25.65484	5.519701	68.57944	22.81497	1.128378	2.84869	0.000163	1088.479	0.171453	112.6207	0.038528	12.89319	1	1
st422	66.96778	661.7567	6.677686	25.72463	5.509119	66.59944	22.21054	1.119409	2.829569	0.000166	1029.402	0.223963	148.542	0.04025	12.87953	1	1
st423	64.43611	726.4966	6.728685	26.9536	5.550101	73.27056	24.60587	1.083434	2.861886	0.000154	1270.577	0.12601	91.59487	0.03514	12.98369	1	1
st424	74.08528	651.0705	6.67234	25.51608	5.510129	68.2325	22.54234	1.211221	3.066936	0.00017	1058.615	0.188451	122.911	0.038754	12.85468	1	1
st425	65.38417	728.7335	6.74068	26.99506	5.515354	67.48333	22.39597	1.050749	2.72056	0.000152	1032.161	0.293127	214.0094	0.040848	12.98272	1	1
st426	60.80278	665.7483	6.678987	25.8021	5.514263	67.07194	22.27654	1.119068	2.866807	0.000164	1015.596	0.238584	159.1147	0.038518	12.88737	1	1
st427	60.575	714.2567	6.710673	26.72558	5.511994	68.0475	22.666	0.992097	2.518976	0.000158	1050.558	0.262533	186.9954	0.039131	12.92448	1	1
st428	57.73444	699.895	6.693383	26.45553	5.50724	67.73944	22.50185	1.060397	2.704746	0.00016	1033.855	0.261267	182.8214	0.039624	12.91255	1	1
st429	72.70556	839.7694	6.830443	28.97877	5.556836	75.8425	25.45175	0.966369	2.534139	0.00014	1347.935	0.199688	168.1638	0.035935	13.11354	1	1
st430	62.95917	769.3056	6.75406	27.73636	5.535832	74.65278	25.04157	1.015291	2.62529	0.000148	1306.548	0.151969	117.068	0.03599	13.03018	1	1
st431	60.42806	951.5586	6.823462	30.84734	5.512496	68.35111	23.01909	1.222841	4.901532	0.000174	1105.969	0.418856	398.5599	0.045267	13.01234	1	1
st432	63.54444	777.5307	6.76649	27.88424	5.552264	74.46917	24.86447	1.009343	2.67014	0.000146	1279.681	0.17701	137.618	0.036599	13.04314	1	1
st433	66.83944	864.7555	6.834679	29.40673	5.589778	76.67167	25.56722	0.894277	2.349869	0.000136	1338.635	0.228965	198.7593	0.036715	13.13466	1	1
st434	63.65028	686.4003	6.70032	26.19924	5.516361	63.90083	21.7063	1.025517	2.575815	0.000162	910.2238	0.339516	233.946	0.041878	12.89034	1	1
st435	64.57306	701.1072	6.710476	26.47843	5.529192	71.33917	23.82939	1.061261	2.684453	0.000154	1172.374	0.16474	115.6152	0.036749	12.95674	1	1
st436	65.60694	811.6162	6.822654	28.48888	5.558651	67.48972	22.44626	0.899053	2.343604	0.000146	993.7645	0.385843	312.1648	0.043386	13.04261	1	1
st437	78.5725	790.5116	6.811175	28.11604	5.53896	75.96083	25.14227	1.075969	2.821413	0.000146	1298.803	0.176375	139.0663	0.03602	13.06718	1	1
st438	74.46056	729.9851	6.753962	27.01824	5.524063	69.25444	22.78441	1.098253	2.823619	0.000157	1046.099	0.284666	208.147	0.038524	12.95694	1	1
st439	76.47389	962.0782	6.919416	31.01739	5.576396	77.17139	25.89645	0.931866	2.606807	0.00013	1366.63	0.288308	276.8124	0.03685	13.21285	1	1
st440	83.54472	985.0861	6.964829	31.38608	5.615583	82.39472	27.40827	0.840349	2.334459	0.000122	1539.04	0.219041	215.8326	0.032254	13.29445	1	1
st441	72.48278	727.7802	6.752915	26.9774	5.496449	67.235	22.34618	1.128	2.959383	0.00016	1040.923	0.278491	200.8896	0.03968	12.9479	1	1
st442	76.51389	727.9376	6.761642	26.98032	5.529627	70.78083	23.4803	1.078778	2.753624	0.000151	1133.009	0.220994	160.71	0.038467	13.00308	1	1
st443	136.2767	788.0946	6.814046	28.07302	5.494445	61.12194	20.12231	1.107527	2.92527	0.000166	803.5818	0.492761	390.3228	0.047927	12.91078	1	1
st444	107.5664	772.7797	6.799017	27.79892	5.504893	61.38389	20.32634	1.1159484	3.024021	0.00017	798.443	0.482038	371.5329	0.048894	12.89073	1	1
st445	154.9994	811.1203	6.841743	28.48017	5.508354	60.92694	20.0997	1.052812	2.674029	0.000161	792.0458	0.513777	418.4654	0.047008	12.94148	1	1
st446	171.1194	1081.193	7.024308	32.8815	5.555494	65.95944	21.77519	0.873123	2.410638	0.000137	902.6128	0.583205	631.4957	0.044544	13.15882	1	1
st447	136.0975	3396.808	7.723554	58.28214	5.819747	139.6806	46.71129	0.836041	4.365762	0.000069	4305.6	0.366457	1245.234	0.022123	14.04991	1	1
st448	145.3644	3662.022	7.741674	60.51464	5.823295	141.6375	47.73666	1.806236	13.27453	0.000074	4565.59	0.377812	1386.184	0.022867	14.05348	1	1
st449	124.0892	3314.979	7.719452	57.57585	5.826529	137.7308	46.3376	1.532917	10.32578	0.00007	4242.327	0.362612	1206.738	0.023046	14.0533	1	1
st450	129.7761	3341.855	7.72518	57.80878	5.823384	138.4258	46.48807	0.869764	5.157209	0.00007	4292.355	0.358292	1198.301	0.023732	14.04742	1	1
st451	135.9061	3137.774	7.692345	56.01584	5.832707	134.5572	45.06747	0.500029	2.731975	0.00007	4064.802	0.353968	1113.574	0.022432	14.03242	1	1
st452	143.5119	3183.015	7.685852	56.41821	5.820747	135.7889	45.563	0.706502	3.549402	0.000072	4140.46	0.352366	1126.373	0.023338	14.0255	1	1
st453	113.5678	3242.797	7.73537	56.94556	5.822817	129.1917	43.11512	0.524666	3.795691	0.000068	3703.577	0.429552	1394.41	0.023739	14.06323	1	1
st454	145.8692	1178.098	7.094776	34.32344	5.619749	74.33694	24.51658	0.840713	2.372931	0.000123	1156.789	0.508641	598.7367	0.038526	13.29135	1	1
st455	130.1558	1004.096	6.986569	31.68747	5.568606	68.77833	22.65519	0.920643	2.440242	0.00014	1008.011	0.496187	496.3772	0.042103	13.13889	1	1
st456	131.9233	970.861	6.963605	31.15864	5.574897	66.47639	22.07786	0.868032	2.315189	0.000141	942.7393	0.513444	497.4181	0.044615	13.1146	1	1
st457	147.3056	1018.454	6.991853	31.91323	5.576287	70.07639	23.10362	0.95462	2.648182	0.000134	1083.786	0.468127	476.9465	0.040564	13.17731	1	1
st458	134.7819	878.3512	6.886966	29.63699	5.574757	73.53028	22.22821	0.977391	2.474658	0.00014	1193.359	0.321891	283.237	0.037193	13.11128	1	1
st459	106.3664	1121.787	7.06489	33.49309	5.623667	76.62639	25.28408	0.850061	2.373425	0.000123	1275.759	0.432974	487.0775	0.038691	13.30197	1	1
st460	98.96361	1623.778	7.307587	40.29613	5.710559	93.56417	30.8583	0.709712	2.368059	0.000098	1888.089	0.418825	680.3283	0.031548	13.60644	1	1

st461	96.56167	1012.391	6.985445	31.81809	5.590903	71.93083	23.78942	0.974966	2.671983	0.000136	1115.375	0.44677	450.3693	0.03761	13.17595	1	1
st462	143.5025	761.9678	6.792412	27.60376	5.522245	66.21556	21.91691	1.088859	2.757919	0.000158	967.8828	0.367475	281.1528	0.04163	12.95955	1	1
st463	132.2253	947.0526	6.942488	30.77422	5.586219	73.81278	24.22354	0.992645	2.580802	0.000137	1206.886	0.363843	345.1331	0.039004	13.15801	1	1
st464	135.9092	886.9039	6.894498	29.78093	5.560998	72.31	23.84341	1.047269	2.706688	0.000143	1173.551	0.340184	302.5263	0.038527	13.09996	1	1
st465	147.8436	863.2601	6.878701	29.38129	5.57132	72.13917	23.72054	1.077896	2.867179	0.000144	1159.025	0.33203	288.0601	0.04071	13.09858	1	1
st466	137.4869	1256.263	7.143586	35.4438	5.617445	74.93917	24.78347	0.770122	2.171514	0.000119	1213.478	0.517922	651.8513	0.039226	13.35092	1	1
st467	176.1294	876.1183	6.876291	29.5993	5.525401	65.12139	21.63253	0.936454	2.442573	0.000146	944.5191	0.462149	405.7896	0.0422	13.05082	1	1
st468	140.2781	1332.893	7.186958	36.50881	5.628854	78.09889	25.75629	0.777251	2.232703	0.000114	1288.35	0.518425	693.468	0.038382	13.40458	1	1
st469	125.6017	2198.553	7.530714	46.88873	5.749178	97.83722	32.46328	0.517167	2.274111	0.000084	1970.387	0.551475	1211.326	0.030485	13.7933	1	1
st470	146.1797	1749.977	7.367144	41.83273	5.716514	91.845	30.36135	0.643618	2.140294	0.000095	1770.102	0.492783	859.8637	0.031287	13.6341	1	1
st471	155.1825	1585.023	7.298827	39.81235	5.708625	87.4675	28.90755	0.563108	1.979714	0.000098	1632.244	0.488104	778.1907	0.032476	13.58835	1	1
st472	102.4622	2378.99	7.534397	48.77489	5.760875	104.8756	34.83981	0.499116	2.553918	0.000083	2291.097	0.519094	1236.515	0.028892	13.82852	1	1
st473	125.4006	2220.977	7.538607	47.12724	5.749026	97.82639	32.50827	0.487581	2.076053	0.000084	1954.972	0.560528	1246.743	0.029558	13.79787	1	1
st474	85.74556	2095.029	7.390204	45.77149	5.734222	106.8681	35.79628	1.343709	8.445132	0.000093	2472.011	0.408682	854.2494	0.02942	13.71401	1	1
st475	127.91	3437.414	7.714126	58.62946	5.822272	140.8828	47.35458	1.353993	8.588632	0.000071	4391.157	0.362221	1246.962	0.023406	14.03851	1	1
st476	125.0947	2829.586	7.646861	53.19386	5.791435	125.8186	41.80777	0.393225	2.219229	0.000073	3495.42	0.381953	1080.086	0.023815	13.97362	1	1
st477	143.5125	3279.344	7.681074	57.26556	5.809674	132.2064	44.25325	0.848731	4.188952	0.000075	3880.848	0.407953	1337.058	0.023185	13.98598	1	1
st478	117.8486	2629.067	7.619181	51.27443	5.796864	119.6758	39.60827	0.514498	2.307459	0.000074	3085.847	0.414469	1092.161	0.022577	13.94883	1	1
st479	128.2667	2839.079	7.644945	53.28301	5.787548	123.5972	41.0066	0.43701	2.181628	0.000074	3411.325	0.397365	1124.677	0.024557	13.9582	1	1
st480	107.2956	3178.613	7.647181	56.37919	5.797537	135.2169	45.75593	2.754055	24.61183	0.000077	4082.76	0.358424	1140.441	0.023805	13.98066	1	1
st481	142.335	3243.18	7.682379	56.94893	5.8086	131.4431	43.98294	0.775933	3.282951	0.000073	3876.737	0.404446	1316.365	0.024878	13.9844	1	1
st482	125.55	3179.129	7.70479	56.38377	5.817388	132.4033	44.6872	0.654395	3.480521	0.000069	4031.911	0.36635	1165.54	0.021427	14.03425	1	1
st483	139.7358	2963.73	7.654906	54.44015	5.803425	131.85	43.71251	0.577806	2.432306	0.000073	3845.585	0.35055	1037.855	0.022912	13.98968	1	1
st484	118.4808	2029.052	7.454192	45.045	5.766684	104.5647	34.4734	0.556676	2.099148	0.000085	2304.675	0.43356	882.0135	0.026807	13.7823	1	1
st485	126.01	2439.453	7.570201	49.39081	5.780506	110.9242	36.81451	0.341647	1.887594	0.000079	2660.178	0.45593	1114.615	0.027483	13.87163	1	1
st486	120.0047	2083.62	7.492996	45.64668	5.739973	101.8758	33.74607	0.459653	1.907863	0.000083	2248.613	0.457483	948.082	0.027122	13.79956	1	1
st487	136.1361	1706.334	7.350991	41.3078	5.737034	95.26056	31.42403	0.564007	1.964886	0.000094	1921.363	0.438665	750.7408	0.028735	13.65051	1	1
st488	140.8733	1808.038	7.389301	42.52104	5.742653	98.36028	32.51099	0.593159	2.020798	0.00009	2061.345	0.432933	786.8785	0.028254	13.6982	1	1
st489	137.7525	2267.707	7.514193	47.62045	5.769918	111.5144	36.7413	0.413341	1.996612	0.000081	2656.547	0.413886	937.9659	0.024353	13.84066	1	1
st490	154.2447	2089.299	7.456025	45.70885	5.749673	108.2561	35.88366	0.523765	2.035094	0.000085	2632.207	0.370555	774.7906	0.026862	13.78144	1	1
st491	138.4561	2335.989	7.543398	48.33207	5.774685	110.3106	36.44124	0.404617	1.892118	0.000081	2598.486	0.444998	1041.728	0.025986	13.85391	1	1
st492	139.9211	2146.233	7.486272	46.32745	5.754642	111.3489	36.89569	0.503645	2.03015	0.000082	2784.344	0.3504	750.9502	0.027149	13.81633	1	1
st493	151.3986	1771.267	7.344377	42.08642	5.70786	102.1708	33.66762	0.644579	2.042144	0.000093	2362.955	0.337879	602.905	0.027057	13.65737	1	1
st494	153.9461	1088.713	7.02858	32.99566	5.619205	81.76167	27.00206	0.993123	2.797208	0.000126	1518.602	0.302021	328.5553	0.0341	13.28037	1	1
st495	150.2128	1061.171	7.010899	32.57561	5.610044	79.09667	26.005	0.925565	2.475337	0.000129	1401.57	0.338966	359.3505	0.035368	13.23776	1	1
st496	157.7875	909.2827	6.896124	30.15432	5.567294	72.73167	23.99246	1.042028	2.733456	0.000143	1185.894	0.347873	316.3031	0.041031	13.09763	1	1
st497	155.3133	2991.183	7.621236	54.69171	5.773837	124.3511	41.61594	1.146525	7.472049	0.000078	3483.987	0.41395	1230.437	0.02615	13.93766	1	1
st498	137.9083	3509.52	7.720668	59.2412	5.807857	133.1961	44.52198	1.045103	5.395298	0.000075	4046.376	0.42447	1492.162	0.025396	14.02107	1	1
st499	136.9842	2877.219	7.652646	53.63972	5.800981	128.7617	42.84281	0.651809	3.198795	0.000074	3765.536	0.344382	988.9773	0.022938	13.9826	1	1
st500	152.545	3345.277	7.65361	57.83837	5.753884	120.6789	40.40611	4.534342	48.53865	0.00011	3137.044	0.531128	1776.787	0.029738	13.89172	1	1
st501	79.685	681.2456	6.707697	26.10068	5.522389	71.10472	23.40049	1.227382	3.219976	0.000163	1152.449	0.156148	106.6255	0.037468	12.92392	1	1
st502	79.24944	705.8216	6.722954	26.5673	5.538331	71.545	23.7545	1.129527	2.920027	0.000158	1187.841	0.159982	113.1123	0.036527	12.94896	1	1
st503	85.54833	790.8351	6.808739	28.12179	5.545944	76.51417	25.25516	1.08496	2.783711	0.000146	1365.137	0.139898	111.0221	0.033124	13.08144	1	1
st504	81.94306	836.7372	6.861041	28.92641	5.578496	79.40583	26.22002	1.058884	2.819702	0.000137	1448.904	0.135114	113.1755	0.030932	13.15534	1	1
st505	78.52278	907.0803	6.904846	30.11777	5.57626	77.39694	25.73127	0.898593	2.381984	0.000131	1382.454	0.234615	211.8834	0.034763	13.19468	1	1
st506	76.23833	907.7893	6.907801	30.12954	5.583701	79.10861	26.33379	0.93895	2.457528	0.000132	1475.223	0.183746	166.0434	0.034194	13.19727	1	1

st507	65.26583	811.5828	6.796035	28.48829	5.562706	73.27417	24.4025	1.011331	2.6893	0.000146	1251.581	0.231861	188.893	0.037545	13.05699	1	1
st508	73.04917	975.805	6.920949	31.23788	5.577901	74.78611	24.95659	0.899997	2.557946	0.000133	1288.319	0.338486	329.6067	0.03627	13.18287	1	1
st509	71.20889	841.9024	6.846492	29.01556	5.561448	76.69389	25.50616	0.962556	2.642479	0.000137	1344.13	0.198109	166.0356	0.033565	13.13132	1	1
st510	73.51306	838.9934	6.836091	28.96538	5.576574	78.36722	25.9367	0.97844	2.58288	0.000138	1396.252	0.168562	141.5348	0.035483	13.12499	1	1
st511	61.12806	932.0489	6.865006	30.52948	5.572291	71.24833	23.7918	0.824679	2.34861	0.000137	1153.942	0.381018	355.1583	0.040058	13.13311	1	1
st512	66.22778	956.3832	6.90589	30.92545	5.55912	70.80444	23.55131	0.740428	2.091417	0.000133	1137.264	0.404776	386.692	0.039446	13.15349	1	1
st513	64.70111	822.1351	6.818506	28.6729	5.569151	75.12861	24.85235	0.911571	2.427438	0.000138	1274.852	0.226763	186.9347	0.035472	13.10148	1	1
st514	65.35417	847.4758	6.826361	29.11144	5.573255	75.07806	24.94335	0.942596	2.53222	0.00014	1282.771	0.244146	207.1718	0.037135	13.11071	1	1
st515	73.55972	866.3993	6.856406	29.43466	5.57994	79.5525	26.34958	1.039392	2.801577	0.000137	1461.405	0.158422	137.5499	0.035504	13.14592	1	1
st516	73.58167	898.3901	6.879495	29.97316	5.574149	78.08806	25.89031	0.890972	2.409219	0.000132	1386.534	0.230159	207.2661	0.032559	13.18295	1	1
st517	71.365	699.2855	6.719932	26.44401	5.532133	71.79222	23.81867	1.168103	3.121339	0.000156	1192.349	0.146679	102.4775	0.036796	12.96424	1	1
st518	76.8525	1013.898	6.961928	31.84176	5.597024	82.67222	27.55081	0.811633	2.257735	0.000122	1559.777	0.227304	229.4201	0.032646	13.2897	1	1
st519	75.93611	895.2657	6.892386	29.92099	5.607081	80.3775	26.6813	0.936041	2.502032	0.00013	1448.75	0.19127	171.3196	0.034232	13.20563	1	1
st520	65.37806	927.8818	6.878955	30.46115	5.584532	76.50306	25.46894	0.812547	2.211325	0.000131	1317.828	0.290987	270.4264	0.03464	13.17688	1	1
st521	71.15222	710.9465	6.72148	26.66358	5.53341	72.11972	23.92893	1.077247	2.730332	0.000154	1202.975	0.153023	108.6706	0.035295	12.97777	1	1
st522	66.97361	707.6778	6.721842	26.60222	5.525865	69.78361	23.21396	1.076924	2.790211	0.000153	1126.665	0.205928	146.0899	0.036845	12.96618	1	1
st523	64.50472	772.9447	6.775076	27.80188	5.564462	76.28778	25.56898	0.984049	2.574932	0.000144	1373.694	0.11155	86.23756	0.033555	13.05256	1	1
st524	74.12944	707.0535	6.735124	26.59048	5.534978	72.15306	23.78468	1.134296	2.885337	0.000156	1183.253	0.165421	117.2658	0.034598	12.97668	1	1
st525	65.45111	773.9315	6.790133	27.81962	5.547922	70.65111	23.36622	1.012682	2.670914	0.000144	1128.911	0.27234	211.2573	0.036441	13.05987	1	1
st526	60.90361	704.4928	6.709422	26.54228	5.524702	69.78417	23.13556	1.102707	2.933323	0.000157	1100.665	0.22098	156.1098	0.036047	12.94233	1	1
st527	60.68222	752.7031	6.745259	27.43544	5.537135	70.9725	23.53291	0.980211	2.505628	0.000148	1139.736	0.241278	181.2211	0.037229	13.00699	1	1
st528	57.8125	743.6328	6.746996	27.26963	5.54075	70.41556	23.4570	0.958665	2.438343	0.000149	1130.523	0.240123	178.6238	0.039175	13.00216	1	1
st529	72.74917	888.6659	6.868825	29.8105	5.575495	78.95056	26.39042	0.933771	2.537032	0.000133	1452.4	0.185515	165.4061	0.032985	13.17612	1	1
st530	63.01722	810.1031	6.802988	28.46231	5.57245	77.20861	25.87925	0.946559	2.50982	0.000138	1397.833	0.138701	112.5514	0.034671	13.10586	1	1
st531	60.61278	986.3402	6.864749	31.40605	5.524734	70.89639	23.87544	0.932728	2.987827	0.000148	1194.142	0.394838	389.5585	0.042897	13.08043	1	1
st532	63.61361	817.9793	6.813706	28.60034	5.575842	76.85778	25.69055	0.91564	2.453706	0.000137	1368.636	0.163493	133.7484	0.03575	13.1119	1	1
st533	66.91139	909.6968	6.876884	30.16118	5.599594	79.21889	26.4578	0.863453	2.365232	0.00013	1434.407	0.214564	195.9249	0.03304	13.19906	1	1
st534	63.68056	727.365	6.745758	26.96971	5.520032	66.69861	22.09001	0.990656	2.488991	0.000154	998.5594	0.316645	231.3505	0.040411	12.96827	1	1
st535	64.61361	744.7134	6.753364	27.28944	5.548629	73.71806	24.71672	1.011578	2.587652	0.000147	1262.516	0.152853	113.9	0.035649	13.02919	1	1
st536	65.62694	857.4082	6.861515	29.28153	5.56811	70.47611	23.41283	0.919727	2.464324	0.00014	1090.191	0.362703	310.2293	0.041133	13.10849	1	1
st537	78.62667	844.7236	6.857974	29.06413	5.568186	79.11222	26.21447	0.976746	2.506794	0.000137	1418.473	0.158582	133.6699	0.033587	13.13575	1	1
st538	74.51889	776.7643	6.800861	27.87049	5.545659	72.34028	23.77482	1.021528	2.594272	0.000147	1143.263	0.264992	206.0901	0.039219	13.04168	1	1
st539	76.53611	1010.145	6.957652	31.78278	5.594246	79.97111	26.8211	0.843718	2.346759	0.000124	1471.142	0.270859	273.2483	0.035261	13.26537	1	1
st540	83.58667	1042.325	7.002893	32.28506	5.643839	85.61056	28.47702	0.792977	2.21764	0.000117	1664.078	0.201675	210.1914	0.031019	13.34492	1	1
st541	72.52306	769.9006	6.793722	27.74708	5.516073	69.93528	23.25418	1.056677	2.763808	0.00015	1131.631	0.259456	198.2384	0.038761	13.02386	1	1
st542	76.52444	778.8658	6.806068	27.90817	5.550883	74.24083	24.58219	1.068048	2.815135	0.000145	1245.03	0.200573	156.1861	0.034757	13.06601	1	1
st543	136.3017	835.2355	6.85994	28.90044	5.521313	64.46833	21.16551	1.016834	2.588546	0.000152	899.7183	0.464191	389.7298	0.044299	13.00587	1	1
st544	107.5786	814.814	6.8384	28.54495	5.518822	64.46972	21.28888	1.115675	2.908742	0.000158	886.0063	0.455452	370.5214	0.043892	12.97788	1	1
st545	155.0131	859.0498	6.881113	29.30955	5.524539	64.40194	21.2438	1.025868	2.644302	0.000151	890.3659	0.484098	417.7382	0.044585	13.02078	1	1
st546	171.1325	1119.182	7.044998	33.45418	5.588163	68.69972	22.64381	0.844934	2.33033	0.000131	981.742	0.561963	629.7435	0.041276	13.21589	1	1
st547	136.0914	3432.305	7.760948	58.58588	5.850141	140.8872	47.15523	0.441837	2.51381	0.000065	4380.326	0.36202	1242.803	0.021763	14.10319	1	1
st548	145.3353	3689.855	7.771219	60.74418	5.855938	142.9572	48.13136	0.81357	4.779022	0.000065	4641.432	0.372262	1376.235	0.020983	14.11074	1	1
st549	124.1731	3361.654	7.74231	57.97977	5.842123	139.4286	46.85159	0.607955	2.987784	0.000067	4342.137	0.356803	1204.363	0.02236	14.08957	1	1
st550	129.8781	3400.99	7.764768	58.31801	5.846716	140.4033	47.15951	0.415677	2.494222	0.000065	4415.32	0.351451	1196.337	0.021443	14.10534	1	1
st551	135.8614	3186.532	7.715529	56.44937	5.82751	136.2506	45.70324	0.441577	2.23479	0.000068	4171.228	0.347224	1109.376	0.021708	14.06121	1	1
st552	143.5144	3222.893	7.717182	56.77053	5.82862	137.3111	46.05239	0.456262	2.174015	0.000068	4233.556	0.346114	1120.449	0.022024	14.05905	1	1

st553	113.6533	3296.758	7.74114	57.4174	5.813877	131.0625	43.79451	0.307595	2.528767	0.000067	3820.689	0.421321	1390.873	0.023266	14.0706	1	1
st554	145.8878	1222.954	7.115658	34.97076	5.639894	77.115	25.36112	0.786196	2.236234	0.00012	1247.225	0.489843	598.7797	0.037503	13.33606	1	1
st555	130.1728	1048.786	7.016886	32.38496	5.595883	71.39722	23.54211	0.872135	2.435299	0.000132	1094.727	0.476334	497.8906	0.040934	13.20574	1	1
st556	131.9369	1020.324	6.994773	31.94251	5.601607	69.57444	23.045	0.86194	2.356238	0.000133	1041.235	0.488553	497.3131	0.041132	13.18537	1	1
st557	147.2756	1071.327	7.022613	32.73113	5.590962	73.17667	24.14926	0.875967	2.38927	0.000129	1188.951	0.444956	476.5668	0.038521	13.22816	1	1
st558	134.7794	936.4998	6.936685	30.60229	5.596038	76.99611	25.32905	0.927744	2.386272	0.000133	1313.721	0.300483	282.1591	0.034304	13.18465	1	1
st559	106.3867	1176.416	7.099722	34.29892	5.644361	79.62917	26.28748	0.804868	2.221609	0.000118	1386.709	0.412438	486.6987	0.034084	13.35	1	1
st560	99.02694	1675.614	7.317103	40.93427	5.717744	96.06139	31.7124	0.644997	2.153816	0.000096	1999.898	0.403679	676.9137	0.029221	13.63699	1	1
st561	96.53889	1060.834	7.020265	32.57044	5.590079	74.92639	24.7246	0.893237	2.421887	0.00013	1209.974	0.427574	451.8946	0.03919	13.2384	1	1
st562	143.5464	809.9678	6.831472	28.45993	5.548877	69.35667	22.97839	1.025084	2.64883	0.000147	1067.879	0.343698	279.6176	0.039556	13.04804	1	1
st563	132.2411	996.3792	6.973065	31.56548	5.57971	76.6075	25.16163	0.965121	2.54265	0.000131	1307.594	0.345137	344.5748	0.036342	13.20891	1	1
st564	135.9392	935.6515	6.927593	30.58842	5.585783	75.1825	24.80246	1.028574	2.695776	0.000136	1275.677	0.320658	301.0681	0.03671	13.16224	1	1
st565	147.8364	916.1408	6.911022	30.26782	5.577945	75.44972	24.76235	1.076871	2.889648	0.000139	1266.206	0.312544	287.8335	0.038804	13.13985	1	1
st566	137.5319	1304.977	7.17266	36.12447	5.639022	77.69972	25.68859	0.781768	2.327806	0.000114	1308.453	0.499735	653.5342	0.035567	13.40053	1	1
st567	176.1303	920.0528	6.91916	30.33237	5.567358	68.4025	22.63197	0.921849	2.452373	0.000139	1037.311	0.437293	403.0601	0.038766	13.12354	1	1
st568	140.3003	1381.696	7.202598	37.17117	5.655617	80.96194	26.6656	0.780553	2.346333	0.00011	1388.888	0.499237	692.3282	0.032774	13.44688	1	1
st569	125.6064	2252.337	7.551959	47.45879	5.762126	100.1164	33.24974	0.42533	2.056025	0.000081	2077.634	0.538349	1211.407	0.028131	13.83396	1	1
st570	146.1678	1805.294	7.380814	42.48876	5.713002	94.56778	31.25007	0.656207	2.231698	0.000093	1885.236	0.47641	857.6785	0.031168	13.6647	1	1
st571	155.2075	1634.596	7.316981	40.43014	5.702525	90.05194	29.73488	0.574423	2.026323	0.000097	1734.763	0.472601	777.2596	0.032049	13.60877	1	1
st572	102.5358	2426.547	7.558165	49.26	5.77251	107.1006	35.5367	0.367314	2.039525	0.000081	2391.365	0.507998	1234.554	0.027162	13.85483	1	1
st573	125.4203	2276.024	7.564428	47.7077	5.749914	100.5931	33.33941	0.400265	1.866203	0.000081	2070.397	0.546024	1245.094	0.028293	13.83689	1	1
st574	85.87222	2137.791	7.412856	46.23625	5.750155	108.7672	36.3968	0.850802	4.316491	0.000088	2568.621	0.39772	848.1048	0.027774	13.75603	1	1
st575	128	3476.417	7.74321	58.96115	5.832078	142.305	47.82934	0.632017	3.400695	0.000067	4484.288	0.355958	1239.221	0.022851	14.80325	1	1
st576	125.1181	2884.53	7.665738	53.70782	5.814264	127.7378	42.50646	0.352518	2.055358	0.000071	3614.332	0.373054	1075.323	0.022878	14.00239	1	1
st577	143.4781	3323.907	7.727342	57.65334	5.835955	133.7858	44.83287	0.481172	2.320134	0.000069	3993.204	0.399107	1326.123	0.022063	14.04065	1	1
st578	117.9175	2686.533	7.63745	51.83177	5.804396	121.9147	40.32058	0.466092	2.125737	0.000073	3201.676	0.405499	1091.904	0.022481	13.96621	1	1
st579	128.3339	2892.078	7.664621	53.77804	5.81659	125.6811	41.71051	0.412066	2.195912	0.000072	3530.155	0.387771	1117.956	0.023828	13.9854	1	1
st580	107.3958	3230.259	7.683821	56.83537	5.810831	136.9444	46.33536	1.251369	9.884184	0.00007	4190.4	0.352005	1138.159	0.022387	14.03824	1	1
st581	142.31	3288.874	7.716938	57.3487	5.831268	133.0625	44.56278	0.480903	2.230507	0.000068	3985.003	0.396246	1307.689	0.022158	14.05424	1	1
st582	125.5886	3229.058	7.720961	56.8248	5.802089	134.1364	45.25186	0.547138	3.3197	0.000068	4140.981	0.359368	1161.46	0.021682	14.05608	1	1
st583	139.7106	3010.412	7.668229	54.86723	5.819242	133.5394	44.36963	0.503554	2.319027	0.00007	3958.964	0.341916	1028.464	0.02191	14.01641	1	1
st584	118.5117	2085.856	7.478845	45.67117	5.768638	106.9367	35.2514	0.57746	2.269649	0.000084	2420.994	0.421286	881.2039	0.026688	13.79487	1	1
st585	126.0422	2482.222	7.594777	49.8219	5.793123	112.4808	37.34499	0.470069	2.185863	0.000076	2743.535	0.448563	1115.854	0.024818	13.91781	1	1
st586	120.0675	2131.561	7.515008	46.16883	5.756304	103.8531	34.40001	0.53365	2.175361	0.000082	2343.726	0.447447	948.9522	0.027463	13.82167	1	1
st587	136.1208	1763.461	7.364266	41.99358	5.747654	97.72278	32.23356	0.624556	2.165018	0.000092	2036.697	0.424328	750.6253	0.028155	13.67638	1	1
st588	140.8906	1861.258	7.414135	43.1423	5.749769	100.7583	33.30561	0.575325	1.983691	0.000089	2167.518	0.420663	786.9298	0.027161	13.72306	1	1
st589	137.7669	2312.439	7.545787	48.08782	5.773869	113.2381	37.36252	0.35355	1.769647	0.000078	2743.109	0.406201	938.2413	0.024521	13.88246	1	1
st590	154.2167	2150.609	7.492777	46.37466	5.772988	110.68	36.70833	0.43917	1.949008	0.00008	2762.422	0.358352	771.3881	0.024254	13.84698	1	1
st591	138.4772	2389.513	7.560462	48.88264	5.775659	112.6439	37.16049	0.41555	1.917794	0.000078	2714.149	0.433351	1037.837	0.025818	13.88104	1	1
st592	139.9458	2195.124	7.510343	46.85215	5.771074	113.5339	37.55704	0.498067	2.011664	0.000081	2887.988	0.341434	748.6396	0.025435	13.8423	1	1
st593	151.4103	1825.85	7.375483	42.72996	5.738049	104.6892	34.48512	0.665811	2.149138	0.000089	2475.727	0.326931	601.2688	0.026748	13.71625	1	1
st594	153.9683	1140.963	7.044617	33.77815	5.616804	84.52528	27.9056	0.947179	2.613386	0.000121	1624.926	0.28731	327.5326	0.032072	13.32576	1	1
st595	150.2161	1107.855	7.037134	33.28446	5.620148	81.93083	26.87826	0.893314	2.415117	0.000123	1496.965	0.323948	358.6542	0.031593	13.30507	1	1
st596	157.7911	954.3281	6.946343	30.8922	5.593875	75.44417	24.86354	0.984627	2.612176	0.000134	1279.012	0.329962	314.9264	0.037522	13.18567	1	1
st597	155.3039	3039.934	7.65164	55.13559	5.797962	126.145	42.25925	0.371194	2.920008	0.000072	3598.296	0.404697	1223.092	0.024481	13.99574	1	1
st598	137.9419	3550.025	7.756599	59.58208	5.812931	134.7803	45.0714	0.599321	2.63461	0.000068	4146.781	0.416816	1481.904	0.025272	14.06204	1	1

st599	136.9569	2924.636	7.668535	54.07991	5.810014	130.4131	43.41097	0.441731	2.188294	0.000071	3875.105	0.33642	982.2933	0.02173	14.00816	1	1
st600	152.4447	3368.54	7.688192	58.03912	5.781353	122.2486	40.88004	2.060883	17.5684	0.000081	3214.761	0.522793	1760.926	0.026736	13.94373	1	1
st601	79.67083	653.7068	6.678226	25.56769	5.484235	69.25361	22.83917	1.234548	3.187445	0.000168	1093.75	0.165179	108.2058	0.038206	12.87465	1	1
st602	79.22667	682.7877	6.70197	26.13021	5.51604	69.98139	23.23743	1.117692	2.829251	0.000161	1138.789	0.167176	114.2966	0.037387	12.92074	1	1
st603	85.525	765.0436	6.783526	27.65942	5.535138	74.77528	24.72824	1.109894	2.842059	0.000151	1308.786	0.146798	112.592	0.035345	13.02812	1	1
st604	81.95056	813.2218	6.840352	28.51704	5.576617	77.94167	25.76634	1.092471	2.908183	0.000141	1400.093	0.139925	113.8898	0.03331	13.12102	1	1
st605	78.52694	879.2852	6.880717	29.65274	5.561894	75.67194	25.17477	0.980869	2.587639	0.000137	1324.044	0.243642	213.2538	0.035445	13.15352	1	1
st606	76.21944	880.4581	6.892545	29.67251	5.555557	77.45083	25.78797	0.991308	2.622945	0.000137	1415.009	0.192458	168.6168	0.035196	13.1618	1	1
st607	65.23083	791.1156	6.776527	28.12678	5.555427	71.89528	23.95213	1.020861	2.668242	0.000148	1205.495	0.240659	191.0298	0.037672	13.03059	1	1
st608	73.00528	949.3267	6.908285	30.81115	5.577167	73.1275	24.40107	0.920356	2.619226	0.000135	1230.914	0.350255	331.7714	0.038018	13.17129	1	1
st609	71.20361	818.3873	6.82331	28.60747	5.56026	75.16833	25.03396	0.981697	2.601399	0.00014	1290.52	0.207308	168.7507	0.035777	13.11462	1	1
st610	73.48194	812.8527	6.813951	28.51057	5.565872	76.795	25.43423	1.014864	2.679594	0.000142	1337.436	0.177343	144.1581	0.035564	13.0972	1	1
st611	61.07222	908.8834	6.8364	30.14769	5.544909	69.63778	23.25549	0.914449	2.626554	0.000148	1098.667	0.395642	359.6207	0.041115	13.06438	1	1
st612	66.15889	936.7027	6.883137	30.6056	5.52835	69.42111	23.10994	0.781244	2.165176	0.00014	1091.88	0.416618	389.8791	0.041849	13.10443	1	1
st613	64.65111	793.8132	6.796537	28.17469	5.564113	73.29889	24.26217	0.92616	2.384035	0.000141	1212.292	0.238267	189.5996	0.036214	13.08428	1	1
st614	65.31778	823.6728	6.807177	28.6997	5.553831	73.58222	24.47118	0.97518	2.582507	0.000141	1231.864	0.253196	208.8251	0.035821	13.08266	1	1
st615	73.51833	842.2936	6.831405	29.0223	5.567228	77.88556	25.87118	1.048345	2.816729	0.000141	1410.59	0.165082	139.4528	0.035441	13.10637	1	1
st616	73.52611	877.0702	6.869976	29.61537	5.58167	76.88472	25.47961	0.909656	2.421952	0.000132	1340.368	0.237393	208.6221	0.03317	13.17864	1	1
st617	71.32833	675.851	6.704109	25.99714	5.50354	70.13583	23.30409	1.129872	2.889843	0.00016	1141.79	0.154618	104.4148	0.03696	12.92811	1	1
st618	76.81722	992.2933	6.944587	31.50069	5.611991	81.44278	27.18519	0.838414	2.311905	0.000124	1515.114	0.232909	230.0142	0.032958	13.27266	1	1
st619	75.90528	867.7062	6.869944	29.45685	5.607029	78.63944	26.13059	0.94595	2.553535	0.000132	1388.079	0.201011	174.6081	0.032095	13.19106	1	1
st620	65.35333	902.4397	6.858441	30.04064	5.573525	74.71778	24.94236	0.812682	2.186857	0.000135	1261.433	0.301974	272.8547	0.037507	13.13731	1	1
st621	71.11778	689.7099	6.716387	26.26233	5.540689	70.67167	23.49548	1.117088	2.843508	0.000158	1157.924	0.159608	109.9568	0.037146	12.94646	1	1
st622	66.95861	685.6868	6.707666	26.18562	5.531815	68.19167	22.71528	1.110145	2.874242	0.00016	1079.499	0.214842	147.6912	0.037472	12.93274	1	1
st623	64.48	750.2858	6.748729	27.39135	5.561768	74.76833	25.09593	1.097451	2.972005	0.000149	1322.259	0.119012	89.31125	0.035817	13.02285	1	1
st624	74.11583	674.6148	6.701365	25.97335	5.51492	69.92972	23.08279	1.173223	2.98116	0.000163	1110.78	0.178711	120.8521	0.038476	12.91441	1	1
st625	65.41667	750.362	6.75733	27.39274	5.530037	69.03667	22.87112	1.071225	2.813175	0.00015	1078.328	0.283106	212.9195	0.037335	12.99802	1	1
st626	60.85222	682.6139	6.687255	26.12688	5.522344	68.16833	22.66019	1.116449	2.914891	0.000163	1052.767	0.23045	157.6313	0.036024	12.90387	1	1
st627	60.62306	733.4853	6.733176	27.08293	5.514909	69.49472	23.10333	0.965919	2.450749	0.000152	1094.508	0.251686	184.0617	0.038922	12.97518	1	1
st628	57.80056	722.1875	6.724635	26.87355	5.520619	69.15	22.99816	0.996753	2.485336	0.000155	1085.318	0.248751	179.6836	0.039417	12.95533	1	1
st629	72.71694	866.0035	6.852938	29.42794	5.566737	77.45222	25.96275	0.889119	2.302182	0.000136	1404.016	0.191911	166.7177	0.03615	13.14716	1	1
st630	62.99111	783.5887	6.790271	27.99265	5.571199	75.59472	25.34559	0.973938	2.569446	0.000141	1338.131	0.147295	115.5731	0.034885	13.08463	1	1
st631	60.50333	967.3781	6.850753	31.1027	5.521792	69.60806	23.4194	0.924428	2.969344	0.000152	1146.624	0.407277	393.9387	0.04431	13.06618	1	1
st632	63.60139	797.5429	6.800148	28.2408	5.571099	75.61722	25.27985	0.908031	2.339908	0.000139	1324.848	0.169429	135.1282	0.035167	13.09777	1	1
st633	66.86194	885.6356	6.861498	29.75963	5.583055	77.76861	25.97772	0.901086	2.495112	0.000131	1381.524	0.223003	198.2529	0.034875	13.18551	1	1
st634	63.69028	706.6934	6.723221	26.58371	5.519711	65.29111	21.63389	0.999445	2.484797	0.000157	955.1181	0.327292	232.3466	0.040138	12.93194	1	1
st635	64.58611	722.7506	6.738332	26.88402	5.544582	72.6775	24.2648	1.018236	2.598515	0.000149	1216.705	0.158794	114.8388	0.035815	13.00799	1	1
st636	65.60056	833.8204	6.841941	28.87595	5.563015	69.01139	22.95184	0.920403	2.4577	0.000143	1041.358	0.373885	310.9232	0.039514	13.0712	1	1
st637	78.58528	814.3512	6.835658	28.53684	5.568917	77.37028	25.62745	1.0271	2.649932	0.000141	1351.634	0.168178	136.6372	0.034899	13.09926	1	1
st638	74.49139	753.8443	6.782886	27.45623	5.56028	70.72778	23.2969	1.039458	2.672143	0.00015	1095.973	0.274255	207.0807	0.037433	13.01148	1	1
st639	76.50028	986.5807	6.945199	31.40988	5.602214	78.52917	26.37914	0.858573	2.398605	0.000125	1421.975	0.278399	274.3042	0.033551	13.25782	1	1
st640	83.55833	1011.563	6.978341	31.80508	5.622358	83.9175	27.91034	0.82449	2.312722	0.00012	1596.896	0.210759	213.2182	0.030916	13.31627	1	1
st641	72.48528	747.4368	6.761822	27.33929	5.507815	68.44667	22.76105	1.12471	2.980009	0.000157	1083.47	0.269301	199.6575	0.040327	12.96866	1	1
st642	76.52222	750.3629	6.777955	27.39275	5.542777	72.32806	23.98485	1.06023	2.710412	0.000149	1182.514	0.211465	158.5603	0.035207	13.02563	1	1
st643	136.2658	806.7515	6.835216	28.40337	5.51147	62.36028	20.5025	1.033283	2.639816	0.000162	839.8858	0.482258	391.1609	0.047822	12.94454	1	1
st644	107.5631	791.946	6.815915	28.14154	5.525768	62.81667	20.77574	1.152605	3.018956	0.000164	840.3666	0.46823	369.9773	0.046085	12.93399	1	1

st645	155.0078	832.3145	6.857384	28.84986	5.521158	62.50667	20.61931	1.024706	2.610904	0.000156	835.6313	0.500209	418.1648	0.046043	12.98453	1	1
st646	171.1289	1100.942	7.039442	33.18045	5.578631	67.29833	22.23942	0.846283	2.336957	0.000132	945.5818	0.571174	629.7339	0.041615	13.1925	1	1
st647	136.0778	3413.703	7.752387	58.42691	5.841954	140.2581	46.93257	0.430308	2.41471	0.000066	4343.19	0.364012	1242.928	0.02214	14.09766	1	1
st648	145.3517	3674.392	7.759847	60.61676	5.837246	142.3947	47.96292	0.860445	5.347657	0.000067	4604.159	0.374715	1379.568	0.022665	14.09831	1	1
st649	124.12	3336.666	7.742185	57.76388	5.850907	138.5311	46.59004	0.640817	3.536143	0.000066	4291.795	0.359336	1203.59	0.021684	14.09374	1	1
st650	129.8239	3371.071	7.744109	58.06092	5.826301	139.2756	46.80309	0.587358	2.792765	0.000066	4354.21	0.35464	1196.367	0.022672	14.08463	1	1
st651	135.8797	3159.955	7.714306	56.21348	5.829917	135.4408	45.38623	0.39327	2.089488	0.000068	4115.44	0.350405	1109.977	0.022524	14.04924	1	1
st652	143.525	3206.109	7.708983	56.62251	5.834911	136.7728	45.85128	0.417381	2.230017	0.000069	4192.819	0.348981	1123.787	0.022498	14.04675	1	1
st653	113.5889	3266.581	7.746505	57.15401	5.811927	130.0528	43.42018	0.324567	2.470517	0.000067	3754.184	0.426143	1393.917	0.022243	14.06488	1	1
st654	145.8814	1199.517	7.109554	34.63404	5.629546	75.62139	24.9254	0.809471	2.339337	0.00012	1199.49	0.499835	599.3484	0.036908	13.33062	1	1
st655	130.1667	1025.182	6.996182	32.01846	5.581967	69.84667	23.05271	0.896105	2.456088	0.000137	1047.213	0.487431	497.9272	0.042626	13.15982	1	1
st656	131.9317	995.5647	6.98365	31.55257	5.578057	67.87667	22.52882	0.936828	2.612285	0.000139	991.9864	0.500779	497.5408	0.04356	13.1472	1	1
st657	147.3094	1039.603	7.003672	32.24288	5.579167	71.22167	23.49014	0.88212	2.356802	0.000132	1123.105	0.459909	478.1838	0.040964	13.19635	1	1
st658	134.7547	904.1907	6.911122	30.06976	5.569182	75.08056	24.70872	0.943766	2.421308	0.000138	1246.644	0.312295	283.0582	0.036421	13.14071	1	1
st659	106.375	1150.077	7.075125	33.91278	5.626483	78.16472	25.81839	0.855741	2.362579	0.000122	1334.74	0.421566	486.3839	0.036506	13.31986	1	1
st660	98.98639	1646.68	7.308982	40.5793	5.703668	94.67417	31.2671	0.699257	2.287775	0.000098	1939.535	0.411468	678.0055	0.031831	13.60687	1	1
st661	96.53194	1034.896	7.007049	32.16981	5.614339	73.26694	24.21095	0.942347	2.604317	0.000131	1158.146	0.438103	451.4951	0.037972	13.22341	1	1
st662	143.5058	784.684	6.813546	28.01221	5.524202	67.51556	22.41389	1.030897	2.562953	0.000151	1013.411	0.356796	281.0778	0.039098	13.00973	1	1
st663	132.2344	970.823	6.957492	31.15803	5.604692	75.15583	24.68494	1.018496	2.730508	0.000135	1257.151	0.353958	344.3889	0.036893	13.17832	1	1
st664	135.9381	906.5438	6.902052	30.10887	5.576835	73.4125	24.22227	1.073906	2.77708	0.000143	1212.799	0.332996	302.7402	0.038888	13.11214	1	1
st665	147.8353	887.0696	6.887251	29.78371	5.568823	73.64167	24.18016	1.08958	2.930013	0.000144	1207.497	0.323176	288.2838	0.040178	13.0998	1	1
st666	137.5364	1277.976	7.1577	35.74879	5.634789	76.19639	25.17744	0.801684	2.316232	0.000117	1255.784	0.509766	652.9086	0.038373	13.37547	1	1
st667	176.1139	895.9993	6.89676	29.93325	5.551617	66.63722	22.08733	0.869001	2.249072	0.000141	988.1514	0.4498	403.9165	0.040309	13.08849	1	1
st668	140.2964	1354.291	7.190973	36.80069	5.627813	79.16417	26.11871	0.770768	2.284211	0.000115	1328.329	0.511389	695.1267	0.035853	13.40459	1	1
st669	125.5925	2226.118	7.547049	47.18175	5.760749	99.00833	32.85683	0.456286	2.048311	0.000083	2023.596	0.54508	1212.325	0.029683	13.82107	1	1
st670	146.1708	1781.037	7.379907	42.20234	5.717332	93.34694	30.84409	0.655658	2.222276	0.000094	1834.599	0.483552	858.8711	0.030954	13.66121	1	1
st671	155.1969	1605.364	7.302728	40.067	5.689487	88.45639	29.24076	0.595696	2.084119	0.000098	1674.284	0.481609	777.7431	0.032603	13.60044	1	1
st672	102.4906	2402.075	7.545786	49.01097	5.763238	105.9133	35.16613	0.453769	2.293097	0.000081	2337.685	0.513997	1236.17	0.027305	13.83867	1	1
st673	125.4086	2248.373	7.541849	47.41701	5.76681	99.19111	32.89331	0.511644	2.170881	0.000083	2009.78	0.55383	1247.367	0.028238	13.81303	1	1
st674	85.80639	2113.944	7.419736	45.97765	5.741835	107.6908	36.07403	0.734055	3.856957	0.000087	2517.673	0.403158	850.3248	0.028537	13.76098	1	1
st675	127.9511	3457.673	7.734584	58.80198	5.841258	141.6686	47.62149	0.646537	3.728168	0.000067	4438.855	0.359073	1243.41	0.02164	14.08377	1	1
st676	125.1236	2855.408	7.672338	53.43602	5.804984	126.78	42.14392	0.424972	2.107166	0.000071	3551.421	0.377658	1077.561	0.024108	13.99783	1	1
st677	143.4864	3301.86	7.705466	57.46181	5.83027	132.965	44.54472	0.608556	2.863906	0.00007	3939.234	0.403228	1330.834	0.023958	14.03137	1	1
st678	117.8956	2654.598	7.624018	51.52279	5.793375	120.5686	39.92405	0.412224	1.999817	0.000073	3135.807	0.410724	1092.825	0.02371	13.96214	1	1
st679	128.2994	2867.705	7.666779	53.55096	5.805133	124.5939	41.36259	0.338244	1.885515	0.000071	3473.384	0.392485	1121.991	0.023874	13.99295	1	1
st680	107.3444	3198.514	7.669201	56.5554	5.80089	135.9092	45.98668	1.569264	11.69614	0.000074	4121.491	0.356322	1140.77	0.022711	14.00525	1	1
st681	142.3236	3266.167	7.699319	57.15039	5.826795	132.3117	44.26983	0.591001	2.650726	0.00007	3930.737	0.400467	1312.799	0.023497	14.01757	1	1
st682	125.5656	3199.501	7.720687	56.56413	5.839177	133.1969	44.92595	0.474362	2.81903	0.000068	4074.955	0.363601	1164.096	0.02179	14.06534	1	1
st683	139.7419	2986.583	7.667106	54.64964	5.818967	132.6983	44.05254	0.513241	2.297437	0.000072	3903.908	0.345794	1031.745	0.021911	13.9855	1	1
st684	118.4864	2056.618	7.465363	45.34995	5.755663	105.8086	34.86828	0.682781	2.510747	0.000086	2361.076	0.427684	882.2007	0.027773	13.77476	1	1
st685	126.025	2459.102	7.578748	49.58933	5.769281	111.5761	37.04151	0.405796	2.060529	0.000077	2694.642	0.453322	1117.239	0.027785	13.89796	1	1
st686	120.0239	2104.805	7.49998	45.87815	5.749647	102.525	34.00947	0.477612	2.031475	0.000084	2287.332	0.453877	950.4876	0.028654	13.79026	1	1
st687	136.1292	1732.239	7.35896	41.62018	5.722035	96.43472	31.78896	0.577098	2.004808	0.000093	1973.883	0.431914	750.3694	0.029114	13.66243	1	1
st688	140.8714	1834.139	7.396633	42.82685	5.746486	99.43611	32.89945	0.623144	2.182093	0.00009	2115.022	0.42636	785.9978	0.02637	13.71245	1	1
st689	137.7592	2282.818	7.522474	47.77884	5.770393	112.2344	36.94591	0.528658	2.396087	0.000079	2683.911	0.411551	938.5388	0.023335	13.86648	1	1
st690	154.2414	2119.793	7.47501	46.04121	5.749123	109.3067	36.27147	0.433662	1.852227	0.000083	2694.724	0.364885	774.0849	0.026509	13.79832	1	1

st691	138.4639	2360.185	7.552977	48.58173	5.761816	111.3858	36.76645	0.419533	1.936203	0.000079	2651.011	0.439625	1039.887	0.026923	13.86744	1	1
st692	139.9236	2168.507	7.500746	46.56723	5.766724	112.2642	37.18825	0.569753	2.261012	0.000083	2830.186	0.346687	750.9331	0.027288	13.81409	1	1
st693	151.4086	1793.996	7.367694	42.35558	5.717598	103.2267	34.00901	0.652534	2.119773	0.00009	2410.065	0.333194	602.1394	0.026918	13.71195	1	1
st694	153.9664	1113.447	7.041024	33.36835	5.621516	83.01972	27.41676	0.958674	2.606064	0.000124	1565.86	0.29618	329.471	0.033834	13.29854	1	1
st695	150.1869	1087.773	7.022029	32.98141	5.602296	80.70056	26.49378	0.930121	2.542998	0.000126	1455.515	0.330699	359.5816	0.035007	13.265	1	1
st696	157.7919	930.8872	6.924234	30.51045	5.571455	73.88083	24.37446	1.01571	2.700068	0.000138	1227.995	0.340419	316.8926	0.039506	13.14215	1	1
st697	155.2953	3017.317	7.653862	54.93011	5.79683	125.1619	41.93189	0.555885	3.75831	0.000073	3544.513	0.409103	1227.008	0.024005	13.9798	1	1
st698	137.9206	3524.667	7.752723	59.3689	5.813979	133.9356	44.77375	0.532869	2.693789	0.000069	4087.845	0.421115	1486.87	0.021876	14.05782	1	1
st699	136.9636	2903.015	7.674783	53.87964	5.799472	129.6136	43.14617	0.520059	2.440292	0.000071	3828.753	0.339433	983.7021	0.021509	14.01129	1	1
st700	152.4933	3355.901	7.684219	57.93014	5.775538	121.2994	40.62818	2.639506	24.37468	0.000088	3173.54	0.527178	1769.184	0.028297	13.94608	1	1
st701	79.69167	660.021	6.685909	25.69088	5.500643	69.71778	22.98279	1.240067	3.274084	0.000168	1112.55	0.159737	105.75	0.038129	12.88794	1	1
st702	79.20667	685.6916	6.706887	26.18572	5.514287	70.26778	23.29057	1.129558	2.837607	0.000161	1145.554	0.16527	113.4051	0.038346	12.92622	1	1
st703	85.53	766.4242	6.788161	27.68437	5.525954	75.03917	24.76489	1.138208	3.028366	0.000151	1312.931	0.145986	112.2168	0.037671	13.03583	1	1
st704	81.94639	810.5459	6.838787	28.47009	5.551529	77.58917	25.72387	1.072758	2.811526	0.000142	1393.697	0.141054	114.4351	0.03413	13.11401	1	1
st705	78.5125	877.8442	6.881714	29.62844	5.569347	75.53583	25.10784	0.983237	2.588685	0.000138	1321.843	0.243633	212.8894	0.035828	13.1367	1	1
st706	76.19611	884.0638	6.887068	29.73321	5.554688	77.85361	25.84175	0.989224	2.576513	0.000137	1428.634	0.188999	166.4676	0.035405	13.15292	1	1
st707	65.2575	788.6086	6.770395	28.08218	5.551052	71.74278	23.86143	1.053378	2.786795	0.00015	1195.901	0.243761	192.7399	0.036338	13.02276	1	1
st708	73.0175	940.8019	6.88666	30.67249	5.560881	72.75167	24.25721	0.936875	2.614669	0.000139	1211.174	0.354768	332.9702	0.037828	13.13603	1	1
st709	71.19972	811.5153	6.820426	28.48711	5.564567	74.905	24.90172	0.938049	2.436937	0.000141	1275.454	0.209036	168.5385	0.036166	13.09182	1	1
st710	73.45556	820.0464	6.816365	28.63645	5.553018	77.29444	25.56961	1.04048	2.753402	0.000143	1351.939	0.175602	143.9854	0.036854	13.09217	1	1
st711	61.05056	907.2489	6.842305	30.12057	5.533186	69.21972	23.18827	0.83634	2.337003	0.000143	1093.76	0.396832	359.799	0.04216	13.07947	1	1
st712	66.17111	931.7384	6.887094	30.52439	5.545004	68.99167	22.98915	0.797769	2.221835	0.000137	1081.972	0.418805	389.8311	0.040984	13.12517	1	1
st713	64.63833	791.593	6.789095	28.13526	5.55024	73.08139	24.2127	0.95705	2.497412	0.000144	1208.775	0.238278	189.0615	0.036568	13.05902	1	1
st714	65.31	820.9825	6.800766	28.65279	5.546806	73.36972	24.42143	0.976245	2.619812	0.000144	1222.678	0.255519	209.8224	0.038267	13.06992	1	1
st715	73.52167	843.9534	6.838591	29.05088	5.560891	78.16528	25.91785	1.021855	2.723826	0.00014	1410.413	0.16652	140.8924	0.035116	13.11912	1	1
st716	73.52917	877.0478	6.866575	29.61499	5.580403	76.60222	25.45818	0.935867	2.512329	0.000136	1341.01	0.237381	208.7082	0.035968	13.15397	1	1
st717	71.31194	672.9821	6.698834	25.9419	5.507543	69.98778	23.22306	1.142069	2.937401	0.000162	1136.771	0.154589	103.933	0.036645	12.91883	1	1
st718	76.83806	991.3744	6.951475	31.4861	5.596289	81.07583	27.12378	0.829713	2.325164	0.000123	1511.436	0.233545	230.2737	0.033668	13.2784	1	1
st719	75.88583	875.7627	6.868681	29.59329	5.614848	79.16806	26.28749	0.970721	2.626581	0.000132	1408.438	0.196684	172.4207	0.033382	13.1822	1	1
st720	65.37	897.0539	6.863149	29.95086	5.593108	74.24889	24.83424	0.830253	2.214826	0.000134	1245.989	0.306247	275.0119	0.037091	13.15488	1	1
st721	71.10472	683.0807	6.71299	26.13581	5.527035	70.23583	23.3591	1.072718	2.665366	0.000158	1143.1	0.161338	109.9519	0.03591	12.93548	1	1
st722	66.99889	682.1134	6.695983	26.1173	5.521419	68.23667	22.69219	1.125771	2.941302	0.000161	1076.359	0.213242	145.8674	0.03767	12.92015	1	1
st723	64.45528	747.5868	6.752284	27.34203	5.538452	74.53222	25.05901	1.027112	2.652345	0.00015	1319.574	0.118389	88.60127	0.033828	13.01774	1	1
st724	74.09556	676.316	6.705131	26.00608	5.521739	69.73556	23.08407	1.159021	2.882895	0.000163	1112.492	0.178601	120.9471	0.037349	12.90799	1	1
st725	65.38833	754.2982	6.766542	27.46449	5.535398	69.04222	22.91086	1.039989	2.725069	0.00015	1086.649	0.281128	212.4772	0.039783	13.00511	1	1
st726	60.84167	684.8046	6.694219	26.16877	5.517495	68.41583	22.69134	1.073003	2.682739	0.000159	1057.081	0.229706	157.6139	0.038601	12.92966	1	1
st727	60.62028	735.5521	6.728727	27.12106	5.521544	69.66528	23.16924	0.973661	2.478399	0.000152	1097.677	0.251591	184.5017	0.037921	12.96985	1	1
st728	57.78194	720.2495	6.72044	26.83746	5.499155	69.15472	22.96488	1.015932	2.60042	0.000154	1077.611	0.251966	181.4903	0.040921	12.95907	1	1
st729	72.74556	861.7163	6.851691	29.35501	5.573005	77.2625	25.89702	0.932674	2.449076	0.000135	1397.588	0.19117	165.163	0.035215	13.1583	1	1
st730	62.9875	789.0965	6.774433	28.09086	5.557469	75.72694	25.43347	1.030044	2.752321	0.000144	1350.678	0.144974	114.5069	0.034718	13.05673	1	1
st731	60.51	965.8237	6.849167	31.07771	5.509908	69.46194	23.41628	0.993484	3.396299	0.000154	1144.168	0.407581	393.5908	0.034087	13.0602	1	1
st732	63.5475	801.1203	6.795735	28.30407	5.555042	75.76389	25.33237	0.92408	2.412101	0.00014	1332.754	0.167952	134.5106	0.035395	13.09143	1	1
st733	66.90528	885.4434	6.857318	29.7564	5.586923	78.13778	25.99168	0.894004	2.404486	0.000133	1385.484	0.220629	196.105	0.034982	13.1723	1	1
st734	63.68722	709.8727	6.732308	26.64344	5.512782	65.72944	21.72939	0.9892	2.513638	0.000156	962.2837	0.324806	231.4556	0.040916	12.94219	1	1
st735	64.60361	720.8456	6.742499	26.84857	5.556561	72.65194	24.24013	1.056559	2.739556	0.000149	1214.194	0.15867	114.495	0.034977	13.01218	1	1
st736	65.63333	830.3479	6.839221	28.81576	5.580105	68.86556	22.86496	0.881371	2.291193	0.000141	1034.835	0.374976	310.4184	0.040824	13.08416	1	1

st737	78.59778	816.6656	6.842005	28.57736	5.569953	77.42389	25.64147	1.021512	2.656875	0.000139	1354.937	0.168548	137.3333	0.034793	13.1333	1	1
st738	74.48944	753.462	6.778722	27.44926	5.538355	70.91028	23.30126	1.052338	2.698007	0.000152	1099.335	0.271741	205.1012	0.039126	12.993	1	1
st739	76.48083	981.4206	6.945518	31.32763	5.60129	78.27222	26.24458	0.823129	2.259305	0.000126	1404.51	0.283069	277.2747	0.035262	13.24533	1	1
st740	83.54611	1008.957	6.979777	31.76408	5.633652	83.70583	27.84673	0.867376	2.457631	0.00012	1593.06	0.210821	212.7848	0.031578	13.31625	1	1
st741	72.48556	754.7489	6.764685	27.47269	5.519903	69.11139	22.9241	1.141373	2.992677	0.000157	1099.24	0.265662	198.8363	0.037679	12.97732	1	1
st742	76.53361	754.5018	6.782823	27.4682	5.539671	72.5475	24.03568	1.064493	2.738567	0.000148	1191.431	0.20942	157.8019	0.037975	13.02844	1	1
st743	136.2911	810.4776	6.840297	28.46889	5.518786	62.70111	20.615	1.019238	2.597187	0.000156	849.5538	0.478594	389.8993	0.045574	12.97619	1	1
st744	107.5731	793.6234	6.819337	28.17132	5.517482	62.81333	20.78547	1.116994	2.876281	0.000165	839.6477	0.4697	371.8484	0.048111	12.929	1	1
st745	154.9853	829.7194	6.853048	28.80485	5.505876	62.26389	20.50688	1.077573	2.789079	0.000158	829.4059	0.502077	418.1628	0.046572	12.96613	1	1
st746	171.1019	1099.357	7.038953	33.15655	5.568239	66.97139	22.14824	0.889741	2.48783	0.000134	940.4943	0.573043	631.1448	0.044799	13.18346	1	1
st747	136.125	3419.914	7.744693	58.48003	5.835048	140.53	46.99258	0.514282	2.69231	0.000066	4363.161	0.362558	1240.819	0.020637	14.08882	1	1
st748	145.3525	3684.011	7.771956	60.69605	5.850468	142.2669	48.00005	0.689968	4.497774	0.000066	4622.798	0.373839	1379.984	0.021899	14.1082	1	1
st749	124.1547	3331.871	7.733866	57.72236	5.841321	138.4936	46.55039	0.824705	4.355096	0.000067	4280.917	0.360067	1204.36	0.021395	14.077	1	1
st750	129.8211	3374.556	7.743372	58.09093	5.827378	139.4436	46.83853	0.615789	3.523197	0.000067	4364.919	0.353712	1194.454	0.021666	14.07881	1	1
st751	135.9567	3161.591	7.713046	56.22803	5.835108	135.4392	45.37983	0.516493	2.394947	0.000068	4121.959	0.349817	1108.866	0.022192	14.05309	1	1
st752	143.4931	3207.848	7.706868	56.63787	5.834912	136.6375	45.88321	0.486122	2.453607	0.000069	4199.66	0.34813	1121.408	0.020972	14.04346	1	1
st753	113.6061	3265.734	7.748442	57.1466	5.842075	129.7297	43.36162	0.264618	2.746886	0.000066	3747.643	0.426766	1395.039	0.022693	14.08404	1	1
st754	145.8492	1198.921	7.10313	34.62544	5.632281	75.56639	24.92316	0.83059	2.337716	0.000121	1198.561	0.49978	598.7523	0.038534	13.3151	1	1
st755	130.17	1024.281	6.992312	32.00438	5.603666	70.15861	23.10357	0.895	2.468344	0.000135	1049.622	0.485879	495.9824	0.041105	13.17373	1	1
st756	131.9231	991.447	6.981555	31.48725	5.584531	67.69083	22.50609	0.867809	2.316165	0.000137	982.5339	0.503476	498.1456	0.043088	13.14739	1	1
st757	147.325	1042.75	7.002318	32.29164	5.593224	71.58361	23.61507	0.93269	2.605818	0.000133	1134.084	0.456391	476.0639	0.040022	13.19393	1	1
st758	134.7919	904.0853	6.913827	30.06801	5.588168	75.11389	24.72567	0.989054	2.600006	0.000137	1245.716	0.312278	282.8249	0.036716	13.15153	1	1
st759	106.3869	1149.544	7.085139	33.90493	5.620417	78.19111	25.79789	0.831095	2.306042	0.000121	1332.059	0.42226	486.7892	0.036375	13.32396	1	1
st760	98.99639	1654.938	7.316455	40.68093	5.701541	95.23	31.35729	0.654449	2.149948	0.000097	1954.669	0.409559	677.9274	0.031569	13.61219	1	1
st761	96.5425	1040.389	7.005077	32.25506	5.594467	73.57972	24.32188	0.927816	2.529716	0.000131	1173.469	0.433845	449.6146	0.039512	13.22143	1	1
st762	143.5228	786.3796	6.807725	28.04246	5.535705	67.88639	22.44195	1.071948	2.723806	0.000153	1020.021	0.354363	279.923	0.041275	12.99484	1	1
st763	132.2253	970.6575	6.953828	31.15538	5.593402	75.10417	24.65667	1.026547	2.724241	0.000137	1253.674	0.355388	345.5885	0.038171	13.16885	1	1
st764	135.9117	913.9144	6.908562	30.23102	5.575009	74.08472	24.40898	1.03551	2.675085	0.000139	1231.656	0.327931	300.489	0.03894	13.14233	1	1
st765	147.8711	886.478	6.886249	29.77378	5.560062	73.44806	24.16641	1.102422	2.948728	0.000143	1206.805	0.322887	287.738	0.040757	13.10274	1	1
st766	137.4928	1284.167	7.162193	35.83527	5.629248	76.54778	25.29882	0.773288	2.219145	0.000116	1269.83	0.506472	651.568	0.036546	13.38598	1	1
st767	176.1106	892.8041	6.899985	29.87983	5.556188	66.10333	22.0089	0.883658	2.275704	0.000142	977.2128	0.453703	405.7907	0.040744	13.08054	1	1
st768	140.3003	1361.631	7.198059	36.90029	5.656007	79.48667	26.22259	0.737898	2.169673	0.000113	1344.466	0.508069	694.285	0.036267	13.4225	1	1
st769	125.6069	2226.352	7.540255	47.18424	5.761095	99.10167	32.83733	0.489656	2.162356	0.000083	2026.706	0.544418	1210.95	0.028287	13.8059	1	1
st770	146.1733	1776.625	7.37936	42.15003	5.715653	93.26583	30.78881	0.644828	2.139418	0.000095	1827.026	0.484421	858.3082	0.029423	13.64428	1	1
st771	155.1733	1611.28	7.309231	40.14075	5.698108	88.795	29.34892	0.634493	2.158551	0.000098	1690.17	0.478679	775.9595	0.032679	13.60049	1	1
st772	102.5006	2401.31	7.555738	49.00316	5.761132	105.8347	35.13889	0.31349	1.982227	0.00008	2334.451	0.514598	1237.434	0.028542	13.8692	1	1
st773	125.42	2245.277	7.535073	47.38435	5.758484	98.96139	32.8566	0.490853	2.099003	0.000083	2001.027	0.555037	1248.018	0.0275	13.8079	1	1
st774	85.81889	2114.061	7.41128	45.97892	5.748026	108.0247	36.11294	0.786967	4.184615	0.000088	2517.925	0.403244	850.7159	0.030121	13.75221	1	1
st775	127.9564	3460.881	7.742766	58.82926	5.8344	141.4208	47.63832	0.882234	5.128896	0.000067	4449.793	0.358119	1241.319	0.021281	14.07002	1	1
st776	125.1281	2856.945	7.670182	53.4504	5.814368	126.9619	42.17807	0.341824	2.017881	0.000071	3554.566	0.377419	1077.419	0.024016	14.00065	1	1
st777	143.52	3301.541	7.709987	57.45903	5.817641	133.1497	44.56784	0.588534	2.644445	0.000071	3938.236	0.40329	1330.84	0.022753	14.01843	1	1
st778	117.8928	2661.391	7.625403	51.58867	5.805637	120.8417	40.02961	0.462026	2.120428	0.000074	3156.067	0.408461	1089.639	0.024254	13.95493	1	1
st779	128.3161	2867.41	7.663209	53.54821	5.81216	124.7467	41.39738	0.433239	2.088496	0.000072	3474.867	0.392217	1121.209	0.022775	13.98262	1	1
st780	107.3239	3200.183	7.672578	56.57016	5.833326	136.0497	46.00367	1.745517	14.21283	0.000072	4130.176	0.355396	1138.565	0.021426	14.02497	1	1
st781	142.3364	3263.958	7.6956	57.13106	5.823286	132.2378	44.25487	0.579568	2.821741	0.00007	3927.204	0.400497	1311.779	0.023321	14.01873	1	1
st782	125.5897	3203.54	7.708712	56.59982	5.823239	133.3542	44.9546	0.666158	3.311996	0.000069	4084.773	0.363042	1164.082	0.022231	14.0466	1	1

st783	139.7369	2983.967	7.661112	54.6257	5.804381	132.6781	43.99171	0.475372	2.305877	0.000071	3890.516	0.347335	1035.225	0.02393	14.00279	1	1
st784	118.4939	2056.3	7.476266	45.34645	5.763166	105.8011	34.89032	0.494215	1.954891	0.000084	2363.587	0.426705	879.6111	0.027928	13.79094	1	1
st785	126.0264	2459.907	7.581281	49.59745	5.795761	111.9528	37.13352	0.357946	1.972298	0.000076	2702.716	0.451867	1114.025	0.026124	13.91271	1	1
st786	120.0358	2116.207	7.502797	46.00225	5.743201	103.3767	34.18243	0.590046	2.303145	0.000085	2313.158	0.450504	948.22	0.028966	13.78906	1	1
st787	136.1539	1729.071	7.35504	41.58209	5.728288	96.30167	31.76496	0.562945	2.010862	0.000093	1965.104	0.433324	751.3357	0.028959	13.65338	1	1
st788	140.8633	1836.739	7.406643	42.8572	5.747412	99.60278	32.96356	0.620479	2.191267	0.000089	2122.186	0.425179	784.8596	0.027927	13.71981	1	1
st789	137.7628	2291.503	7.541489	47.86965	5.748076	112.5461	37.06519	0.440262	2.013591	0.00008	2707.898	0.408863	936.4653	0.025774	13.86206	1	1
st790	154.2453	2121	7.474586	46.05431	5.759806	109.6597	36.34616	0.457335	1.96785	0.000082	2699.387	0.364245	773.2849	0.026943	13.82186	1	1
st791	138.4703	2358.641	7.555711	48.56584	5.767847	111.3536	36.79689	0.394104	1.874509	0.000079	2648.156	0.439819	1039.584	0.025174	13.86973	1	1
st792	139.9286	2176.676	7.49862	46.65486	5.754828	112.7183	37.32081	0.578046	2.152577	0.000082	2847.505	0.345151	750.4167	0.025414	13.82626	1	1
st793	151.3922	1795.984	7.347326	42.37906	5.708549	103.3986	34.04646	0.745462	2.25741	0.000094	2412.441	0.333192	602.7262	0.030007	13.66654	1	1
st794	153.9644	1110.729	7.039975	33.3276	5.637564	82.98306	27.39244	0.966493	2.671256	0.000123	1565.457	0.29493	327.4145	0.033589	13.30931	1	1
st795	150.2256	1092.369	7.033864	33.05101	5.616071	80.74972	26.58657	0.937534	2.550269	0.000124	1468.753	0.326931	356.7095	0.035958	13.29042	1	1
st796	157.8044	933.6111	6.921227	30.55505	5.579237	74.27528	24.49749	1.011648	2.706975	0.000139	1236.444	0.337741	315.2829	0.035604	13.1349	1	1
st797	155.3133	3010.356	7.656674	54.86671	5.807323	125.2186	41.88497	0.523304	3.682091	0.000073	3530.213	0.41014	1227.311	0.024548	13.97986	1	1
st798	137.9272	3535.343	7.752392	59.45875	5.820198	134.1686	44.84356	0.583424	2.890278	0.000069	4112.849	0.419258	1484.604	0.02486	14.05846	1	1
st799	136.9497	2909.278	7.67336	53.93772	5.796042	130.0197	43.23675	0.525594	2.320285	0.000072	3842.666	0.338365	982.5823	0.023992	14.00075	1	1
st800	152.4936	3360.225	7.691055	57.96745	5.777363	121.5508	40.68005	2.273327	21.12238	0.000081	3182.35	0.526512	1769.364	0.028371	13.95678	1	1

Keterangan :

Nama citra	Keterangan
sm	Bukan sawit
sd	Sawit muda
st	Sawit dewasa

Label kelas	Keterangan
0 1	Sawit Muda
1 0	Sawit Dewasa
1 1	Sawit Tua

LAMPIRAN 2

Hasil Pengujian setiap ukuran sesuai skenario pengujian

325	1	0	SD	SD
326	1	0	SD	SD
327	1	0	SD	SD
328	1	0	SD	SD
329	1	0	SD	SD
330	0	0	ST	SD
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39	1	0	SD	SD	BENAR
40	1	0	SD	SD	BENAR
41	1	1	ST	SM	SALAH
42	1	0	SD	SM	SALAH
43	1	0	SD	SM	SALAH
44	1	0	SD	SM	SALAH
45	1	0	SD	SM	SALAH
46	0	1	SM	SM	BENAR
47	0	1	SM	SM	BENAR
48	0	1	SM	SM	BENAR
49	0	1	SM	SM	BENAR
50	1	0	SD	SM	SALAH
51	1	0	SD	SM	SALAH
52	1	1	ST	SM	SALAH
53	1	0	SD	SM	SALAH

Hasil Pengujian data 30x30

Data tes	Data Uji
30%	70%
360 data	840 data

No.	HASIL DATA TES		HASIL PREDIKSI	
	Kategori	Output		
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3	1	0	SD	SD
4	1	0	SD	SD
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6	1	0	SD	SD
7	1	0	SD	SD
8	1	0	SD	SD

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369	1	1	ST	SM	SALAH
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393	0	1	SM	SM	BENAR
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837	1	1	ST	ST
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840	1	1	ST	ST

Hasil Pengujian data 60x60

Data tes	Data Uji
70%	30%
840 data	360 data

No.	HASIL DATA TES				HASIL PREDIKSI
	Kategori	Output			
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5	1	0	SD	ST	
6	1	0	SD	ST	
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240	0	1	SM	SM	BENAR
241	0	1	SM	SM	BENAR
242	0	1	SM	SM	BENAR
243	1	1	ST	SM	SALAH
244	0	1	SM	SM	BENAR
245	0	1	SM	SM	BENAR
246	0	1	SM	SM	BENAR
247	0	1	SM	SM	BENAR
248	1	0	SD	SM	SALAH
249	1	0	SD	SM	SALAH
250	0	1	SM	SM	BENAR
251	1	1	ST	SM	SALAH
252	0	1	SM	SM	BENAR
253	1	1	ST	SM	SALAH
254	1	1	ST	SM	SALAH
255	0	1	SM	SM	BENAR
256	0	1	SM	SM	BENAR
257	0	1	SM	SM	BENAR
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267	1	1	ST	ST	BENAR
268	0	1	SM	ST	SALAH
269	1	1	ST	ST	BENAR
270	1	1	ST	ST	BENAR
271	0	1	SM	ST	SALAH
272	0	1	SM	ST	SALAH
273	1	1	ST	ST	BENAR
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354	1	1	ST	ST
355	1	1	ST	ST
356	1	1	ST	ST
357	1	1	ST	ST
358	1	1	ST	ST
359	1	1	ST	ST
360	1	1	ST	ST

Hasil Pengujian data 60x60

Data tes	Data Uji
50%	50%
600	600

No.	HASIL DATA TES		HASIL PREDIKSI
	Kategori	Output	
1	1	0	SD
2	1	0	SD
3	1	0	SD
4	0	1	SM
5	0	1	SM

6	1	0	SD	SD
7	0	1	SM	SD
8	1	0	SD	SD
9	1	0	SD	SD
10	1	0	SD	SD
11	1	0	SD	SD
12	1	0	SD	SD
13	1	1	ST	SD
14	1	1	ST	SD
15	1	1	ST	SD
16	1	0	SD	SD
17	0	1	SM	SD
18	1	0	SD	SD
19	1	0	SD	SD
20	0	1	SM	SD
21	1	0	SD	SD
22	0	1	SM	SD
23	1	0	SD	SD
24	1	0	SD	SD
25	1	0	SD	SD
26	1	0	SD	SD
27	1	0	SD	SD
28	1	0	SD	SD
29	0	0	ST	SD
30	1	0	SD	SD
31	1	0	SD	SD
32	0	1	SM	SD
33	1	0	SD	SD
34	1	0	SD	SD
35	1	1	ST	SD
36	1	0	SD	SD
37	1	0	SD	SD
38	1	0	SD	SD
39	1	1	ST	SD
40	1	1	ST	SD
41	1	0	SD	SD
42	1	0	SD	SD
43	1	0	SD	SD
44	1	0	SD	SD
45	1	1	ST	SD
46	1	0	SD	SD
47	1	1	ST	SD
48	1	0	SD	SD
49	1	0	SD	SD
50	1	0	SD	SD

51	1	0	SD	SD	BENAR
52	1	0	SD	SD	BENAR
53	1	0	SD	SD	BENAR
54	1	1	ST	SD	SALAH
55	1	0	SD	SD	BENAR
56	1	0	SD	SD	BENAR
57	1	0	SD	SD	BENAR
58	1	1	ST	SD	SALAH
59	1	0	SD	SD	BENAR
60	1	0	SD	SD	BENAR
61	1	0	SD	SD	BENAR
62	1	0	SD	SD	BENAR
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64	1	0	SD	SD	BENAR
65	1	0	SD	SD	BENAR
66	1	1	ST	SD	SALAH
67	1	1	ST	SD	SALAH
68	1	0	SD	SD	BENAR
69	1	1	ST	SD	SALAH
70	1	0	SD	SD	BENAR
71	1	1	ST	SD	SALAH
72	1	0	SD	SD	BENAR
73	1	0	SD	SD	BENAR
74	1	0	SD	SD	BENAR
75	1	0	SD	SD	BENAR
76	1	0	SD	SD	BENAR
77	1	0	SD	SD	BENAR
78	1	0	SD	SD	BENAR
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84	1	0	SD	SD	BENAR
85	0	1	SM	SD	SALAH
86	1	0	SD	SD	BENAR
87	1	0	SD	SD	BENAR
88	1	0	SD	SD	BENAR
89	1	0	SD	SD	BENAR
90	1	1	ST	SD	SALAH
91	1	0	SD	SD	BENAR
92	1	0	SD	SD	BENAR
93	1	0	SD	SD	BENAR
94	1	0	SD	SD	BENAR
95	1	1	ST	SD	SALAH

96	1	0	SD	SD
97	1	0	SD	SD
98	1	0	SD	SD
99	1	0	SD	SD
100	1	0	SD	SD
101	0	1	SM	SM
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147	0	1	SM	SM
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188	1	1	ST	SM
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229	1	1	ST	ST
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231	0	1	SM	ST	SALAH
232	1	1	ST	ST	BENAR
233	1	1	ST	ST	BENAR
234	0	1	SM	ST	SALAH
235	1	1	ST	ST	BENAR
236	0	1	SM	ST	SALAH
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241	1	1	ST	ST	BENAR
242	1	1	ST	ST	BENAR
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259	0	1	SM	ST	SALAH
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271	1	0	SD	ST	SALAH
272	0	1	SM	ST	SALAH
273	0	1	SM	ST	SALAH
274	1	1	ST	ST	BENAR
275	1	1	ST	ST	BENAR

276	1	1	ST	ST
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319	1	0	SD	SD
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321	1	0	SD	SD
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411	0	1	SM	SM	BENAR
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413	0	1	SM	SM	BENAR
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451	1	1	ST	SM	SALAH
452	0	1	SM	SM	BENAR
453	0	1	SM	SM	BENAR
454	0	1	SM	SM	BENAR
455	0	1	SM	SM	BENAR

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499	0	1	SM	SM
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544	1	1	ST	ST
545	1	0	SD	ST

546	1	0	SD	ST
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588	1	1	ST	ST
589	1	0	SD	ST
590	1	0	SD	ST

591	1	0	SD	ST	SALAH
592	1	0	SD	ST	SALAH
593	1	0	SD	ST	SALAH
594	1	1	ST	ST	BENAR
595	1	1	ST	ST	BENAR
596	1	1	ST	ST	BENAR
597	1	1	ST	ST	BENAR
598	1	1	ST	ST	BENAR
599	1	1	ST	ST	BENAR
600	1	1	ST	ST	BENAR

Hasil Pengujian data 60 x 60

Data tes	Data Uji
70%	30%
360 data	720 data

No.	HASIL DATA TES		HASIL PREDIKSI	
	Kategori	Output		
1	1	0	SD	BENAR
2	1	0	SD	BENAR
3	1	0	SD	BENAR
4	1	0	SD	BENAR
5	1	0	SD	BENAR
6	1	0	SD	BENAR
7	1	1	ST	SALAH
8	1	0	SD	BENAR
9	1	0	SD	BENAR
10	1	0	SD	BENAR
11	1	1	ST	SALAH
12	1	0	SD	BENAR
13	1	0	SD	BENAR
14	1	0	SD	BENAR
15	1	0	SD	BENAR
16	1	0	SD	BENAR
17	1	0	SD	BENAR
18	1	0	SD	BENAR
19	1	0	SD	BENAR
20	1	0	SD	BENAR
21	1	0	SD	BENAR
22	1	0	SD	BENAR
23	1	0	SD	BENAR
24	1	0	SD	BENAR
25	1	1	ST	SALAH
26	1	0	SD	BENAR

27	1	0	SD	SD
28	1	0	SD	SD
29	1	0	SD	SD
30	1	0	SD	SD
31	1	0	SD	SD
32	1	0	SD	SD
33	1	0	SD	SD
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35	1	1	ST	SD
36	1	0	SD	SD
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115	1	1	ST	SM
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162	1	1	ST	ST	BENAR
163	1	1	ST	ST	BENAR
164	1	1	ST	ST	BENAR
165	0	1	SM	ST	SALAH
166	1	1	ST	ST	BENAR
167	1	1	ST	ST	BENAR
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171	0	1	SM	ST	SALAH
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184	1	1	ST	ST	BENAR
185	1	0	SD	ST	SALAH
186	1	0	SD	ST	SALAH
187	1	1	ST	ST	BENAR
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203	1	1	ST	ST	BENAR
204	1	1	ST	ST	BENAR
205	1	1	ST	ST	BENAR
206	1	0	SD	ST	SALAH

207	1	0	SD	ST
208	1	0	SD	ST
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345	0	1	SM	SM	BENAR
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369	1	0	SD	SM	SALAH
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386	1	1	ST	SM	SALAH

387	0	1	SM	SM
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389	1	0	SD	SM
390	1	1	ST	SM
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522	1	1	ST	ST	BENAR
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526	1	0	SD	ST	SALAH
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541	1	0	SD	SD	BENAR
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543	1	0	SD	SD	BENAR
544	0	1	SM	SD	SALAH
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546	1	0	SD	SD	BENAR
547	1	1	ST	SD	SALAH
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562	0	1	SM	SD	SALAH
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607	1	1	ST	SD
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609	1	1	ST	SD
610	1	0	SD	SD
611	1	1	ST	SD

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626	1	0	SD	SD
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628	1	1	ST	SD
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710	1	1	ST	SM	SALAH
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719	1	0	SD	SM	SALAH
720	0	1	SM	SM	BENAR
721	0	1	SM	SM	BENAR
722	0	1	SM	SM	BENAR
723	1	1	ST	SM	SALAH
724	1	1	ST	SM	SALAH
725	1	1	ST	SM	SALAH
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727	0	1	SM	SM	BENAR
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73	1	0	SD	ST	SALAH
74	1	0	SD	ST	SALAH
75	0	1	SM	ST	SALAH
76	0	1	SM	ST	SALAH
77	1	0	SD	ST	SALAH

Hasil Pengujian data Lengkap

Data tes	Data Uji
70%	30%
1680 data	720 data

No.	HASIL DATA TES			HASIL PREDIKSI
	Kategori	Output		
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3	1	1	ST	ST
4	1	0	SD	ST
5	1	0	SD	ST
6	1	0	SD	ST
7	1	0	SD	ST
8	1	0	SD	ST
9	1	0	SD	ST
10	1	0	SD	ST
11	1	0	SD	ST
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29	1	1	ST	ST
30	1	1	ST	ST
31	0	1	SM	ST
32	0	1	SM	ST

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81	0	1	SM	ST
82	1	0	SD	ST
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28	1	0	SD	SD	BENAR
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65	1	1	ST	SD	SALAH
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67	1	1	ST	SD	SALAH

Hasil Pengujian data Lengkap

Data tes	Data Uji
50%	50%
1200 data	1200

No.	HASIL DATA TES				HASIL PREDIKSI
	Kategori		Output		
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3	1	0	SD	SD	
4	0	1	SM	SD	
5	0	1	SM	SD	
6	1	1	ST	SD	
7	1	1	ST	SD	
8	1	1	ST	SD	
9	1	0	SD	SD	
10	1	0	SD	SD	
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19	1	0	SD	SD	
20	1	1	ST	SD	
21	1	0	SD	SD	
22	1	1	ST	SD	

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407	1	1	ST	ST	BENAR
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1105	1	1	ST	ST	BENAR
1106	0	1	SM	ST	SALAH
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1198	1	1	ST	ST
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1200	1	1	ST	ST

Hasil Pengujian data Lengkap

Data tes	Data Uji
90%	70%
720 data	1680 data

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	Kategori	Output			
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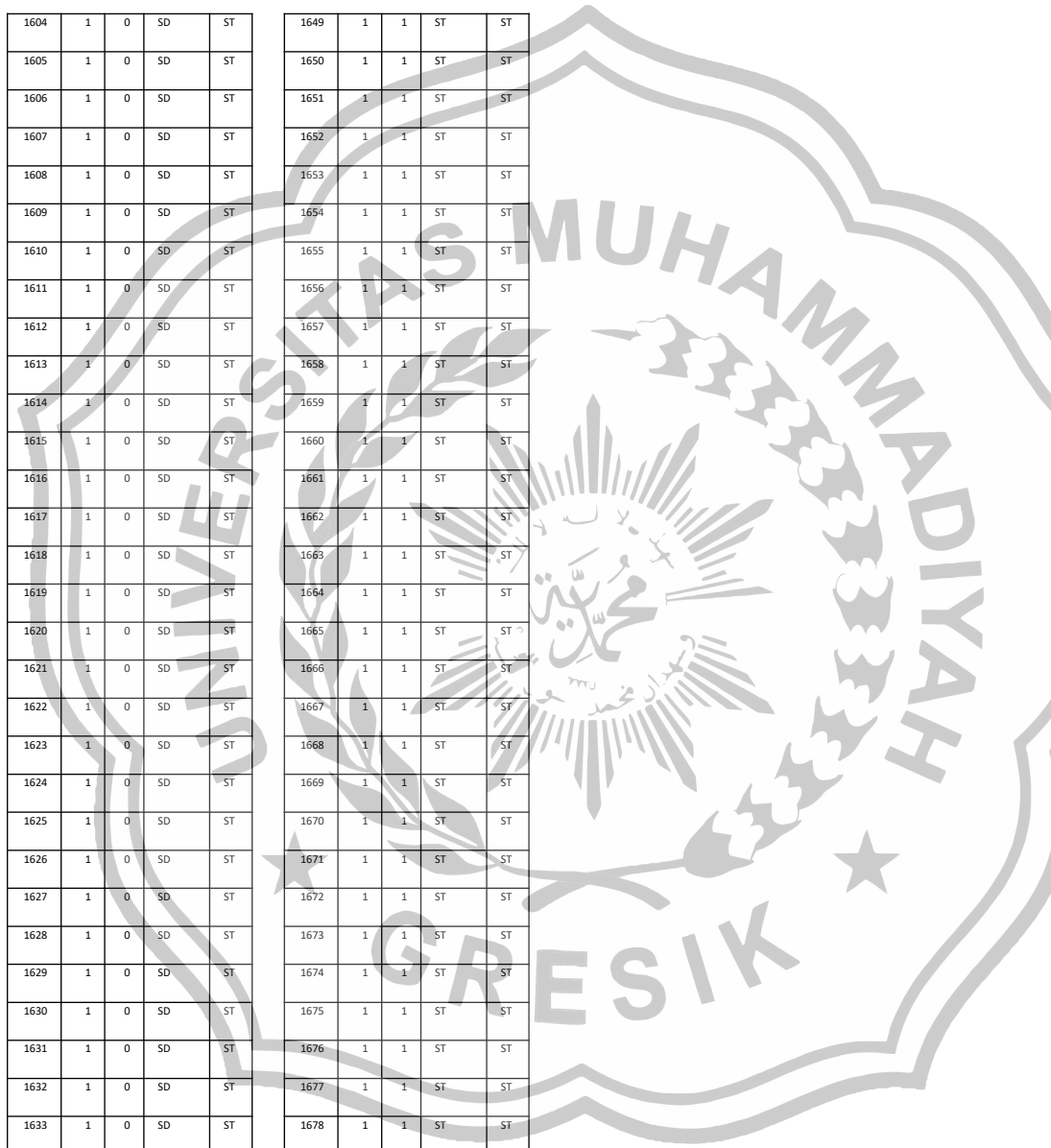
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LAMPIRAN 3

Hasil Tabel Confusion Matrix sesuai pengujian skenario

Tabel 1 Tabel Confusion Matrix Hasil pengujian skenario 1 ukuran 30 x 30

Confusion Matrix		Kelas Hasil Prediksi			Jumlah Benar
		Sawit Muda	Sawit Dewasa	Sawit Tua	
Kelas Sesungguhnya	Sawit Muda	77	1	288	77
	Sawit Dewasa	4	93	3	93
	Sawit Tua	19	6	129	129

$$\begin{aligned}
 \text{Hasil Akurasi} &= \frac{\text{jumlah kelas yang benar}}{\text{jumlah seluruh data}} \times 100\% \\
 &= \frac{77+93+129}{360} \times 100\% \\
 &= \mathbf{83,0556\%}
 \end{aligned}$$

Tabel 2 Tabel Confusion Matrix Hasil pengujian skenario 2 ukuran 30 x 30

Confusion Matrix		Kelas Hasil Prediksi			Jumlah Benar
		Sawit Muda	Sawit Dewasa	Sawit Tua	
Kelas Sesungguhnya	Sawit Muda	135	3	62	135
	Sawit Dewasa	7	171	22	171
	Sawit Tua	19	6	175	175

$$\begin{aligned}
 \text{Hasil Akurasi} &= \frac{\text{jumlah kelas yang benar}}{\text{jumlah seluruh data}} \times 100\% \\
 &= \frac{135+171+175}{600} \times 100\% \\
 &= \mathbf{80,1667\%}
 \end{aligned}$$

Tabel 3 Tabel Confusion Matrix Hasil pengujian skenario 3 ukuran 30 x 30

Confusion Matrix		Kelas Hasil Prediksi			Jumlah Benar
		Sawit Muda	Sawit Dewasa	Sawit Tua	
Kelas Sesungguhnya	Sawit Muda	86	75	139	86
	Sawit Dewasa	2	238	0	238
	Sawit Tua	6	27	267	267

$$\begin{aligned}\text{Hasil Akurasi} &= \frac{\text{jumlah kelas yang benar}}{\text{jumlah seluruh data}} \times 100\% \\ &= \frac{86+238+267}{840} \times 100\% \\ &= \mathbf{70,2381\%}\end{aligned}$$

Tabel 4 Tabel Confusion Matrix Hasil pengujian skenario 1 ukuran 60 x 60

Confusion Matrix		Kelas Hasil Prediksi			Jumlah Benar
		Sawit Muda	Sawit Dewasa	Sawit Tua	
Kelas Sesungguhnya	Sawit Muda	81	8	11	81
	Sawit Dewasa	7	83	10	83
	Sawit Tua	21	38	101	101

$$\begin{aligned}\text{Hasil Akurasi} &= \frac{\text{jumlah kelas yang benar}}{\text{jumlah seluruh data}} \times 100\% \\ &= \frac{101+83+81}{360} \times 100\% \\ &= \mathbf{73,333\%}\end{aligned}$$

Tabel 5 Tabel Confusion Matrix Hasil pengujian skenario 2 ukuran 60 x 60

Confusion Matrix		Kelas Hasil Prediksi			Jumlah Benar
		Sawit Muda	Sawit Dewasa	Sawit Tua	
Kelas Sesungguhnya	Sawit Muda	165	1	34	165
	Sawit Dewasa	16	147	37	147
	Sawit Tua	23	30	147	147

$$\begin{aligned}
 \text{Hasil Akurasi} &= \frac{\text{jumlah kelas yang benar}}{\text{jumlah seluruh data}} \times 100\% \\
 &= \frac{165+147+147}{600} \times 100\% \\
 &= \mathbf{76,5\%}
 \end{aligned}$$

Tabel 6 Tabel Confusion Matrix Hasil pengujian skenario 3 ukuran 60 x 60

Confusion Matrix		Kelas Hasil Prediksi			Jumlah Benar
		Sawit Muda	Sawit Dewasa	Sawit Tua	
Kelas Sesungguhnya	Sawit Muda	208	19	73	208
	Sawit Dewasa	9	195	36	195
	Sawit Tua	29	64	207	207

$$\begin{aligned}
 \text{Hasil Akurasi} &= \frac{\text{jumlah kelas yang benar}}{\text{jumlah seluruh data}} \times 100\% \\
 &= \frac{208+195+207}{840} \times 100\% \\
 &= \mathbf{71,3095\%}
 \end{aligned}$$

Tabel 7 Tabel Confusion Matrix Hasil pengujian skenario 1 ukuran Lengkap (30 x 30 dan 60 x60)

Confusion Matrix		Kelas Hasil Prediksi			Jumlah Benar
		Sawit Muda	Sawit Dewasa	Sawit Tua	
Kelas Sesungguhnya	Sawit Muda	208	19	73	208
	Sawit Dewasa	9	195	36	195
	Sawit Tua	29	64	207	207

$$\begin{aligned}
 \text{Hasil Akurasi} &= \frac{\text{jumlah kelas yang benar}}{\text{jumlah seluruh data}} \times 100\% \\
 &= \frac{136+188+213}{720} \times 100\% \\
 &= \mathbf{74,8611\%}
 \end{aligned}$$

Tabel 8 Tabel Confusion Matrix Hasil pengujian skenario 2 ukuran Lengkap (30 x 30 dan 60 x60)

Confusion Matrix		Kelas Hasil Prediksi			Jumlah Benar
		Sawit Muda	Sawit Dewasa	Sawit Tua	
Kelas Sesungguhnya	Sawit Muda	296	20	84	296
	Sawit Dewasa	21	296	83	296
	Sawit Tua	287	20	84	287

$$\begin{aligned}
 \text{Hasil Akurasi} &= \frac{\text{jumlah kelas yang benar}}{\text{jumlah seluruh data}} \times 100\% \\
 &= \frac{296+296+287}{1200} \times 100\% \\
 &= \mathbf{73,0833\%}
 \end{aligned}$$

Tabel 9 Tabel Confusion Matrix Hasil pengujian skenario 3 ukuran
Lengkap (30 x 30 dan 60 x60)

Confusion Matrix		Kelas Hasil Prediksi			Jumlah Benar
		Sawit Muda	Sawit Dewasa	Sawit Tua	
Kelas Sesungguhnya	Sawit Muda	163	306	131	163
	Sawit Dewasa	13	430	37	430
	Sawit Tua	20	275	305	305

$$\begin{aligned}
 \text{Hasil Akurasi} &= \frac{\text{jumlah kelas yang benar}}{\text{jumlah seluruh data}} \times 100\% \\
 &= \frac{165+430+305}{1680} \times 100\% \\
 &= \mathbf{53,4524\%}
 \end{aligned}$$

LAMPIRAN 4

SOURCE CODE

Source code Mengambil nilai citra

```
close all; clear all; clc;

fid = fopen('datatrain.xls','wt');
fprintf(fid,'%s\t','NAMA_FILE');
fprintf(fid,'%s\t','MEAN','VAR','ENT','STD','lokalent',...
        'lokalrage','lokalstd','SKEW','KURT');

fprintf(fid,'%s\t','CiriASM','CiriCON','CiriCOR','CiriVAR','CiriIDM','CiriENT');
fprintf(fid,'\n');
listkode = {'sm','sd','st'};
for myprefiks = listkode

    for w=1:1200

        mycitra = strcat('KESELURUHAN',myprefiks{1}, num2str(w),
'.jpg');
        if exist(mycitra, 'file')
            a=imread(mycitra);
            a2 = a(:,:,2);
            MEAN = mean2(a2);
            STD = std2(a2);
            VAR = STD^2;
            ENT = entropy(a2);

            lokalent = mean2(entropyfilt(a2));
            lokalrage = mean2(rangefilt(a2));
            lokalstd = mean2(stdfilt(a2));
            c = imhist(a2);
            SKEW = skewness(c);
            KURT = kurtosis(c);

            mk000=ko000(a2);
            mk045=ko045(a2);
            mk090=ko090(a2);
            mk135=ko135(a2);
            MatKook=(mk000+mk045+mk090+mk135)/4;
            I= (1:256);

            Suma=sum(MatKook);
            Sumb=sum(MatKook);
            Meana=Suma*I';
            Meanb=Sumb*I';
            Stda=sqrt((I-Meana).^2*Suma');
            Stdb=sqrt((I-Meanb).^2*Sumb');
            CiriASM=sum(sum(MatKook.^2));
```

```

CiriCON=0;CiriCOR=0;CiriVAR=0;CiriIDM=0;CiriENT=0;
  for i=1:256
    for j=1:256
      TempCON = (i-j)*(i-j)*MatKook(i,j);
      TempCOR = (i)*(j)*MatKook(i,j);
      TempVAR = (i-Meana)*(j-Meanb)*MatKook(i,j);

      TempIDM = (MatKook(i,j))/(1+(i-j)*(i-j));
      TempENT = -(MatKook(i,j))*(log2(MatKook(i,j)
+eps));

      CiriCON = CiriCON + TempCON;
      CiriCOR = CiriCOR + TempCOR;
      CiriVAR = CiriVAR + TempVAR;
      CiriIDM = CiriIDM + TempIDM;
      CiriENT = CiriENT + TempENT;
    end
  end
  CiriCOR=(CiriCOR-Meana*Meanb)/(Stda*Stdb);
  fprintf(fid,'%s\t',mycitra);

  fprintf(fid,'%f\
t',MEAN,VAR,ENT,STD,lokalent,lokalrage,lokalstd,SKEW,KURT);
  fprintf(fid,'%f\
t',CiriASM,CiriCON,CiriCOR,CiriVAR,CiriIDM,CiriENT);
  fprintf(fid,'\n');
end

end
end
fclose(fid);
h = msgbox('Penghitungan Selesai');

```

Source code Proses *Training* Backpropagation pada Matlab

```
function pushbutton3_Callback(hObject, eventdata, handles)
% hObject    handle to pushbutton3 (see GCBO)
% eventdata  reserved - to be defined in a future version of MATLAB
% handles    structure with handles and user data (see GUIDATA)
input=xlsread('datak30.xls','A2:O601');
kelas=xlsread('target_dataset.xls','A1:B600');

hiddenLayerSize = 6; % no. of neurons in hidden layer
trainFcn = 'trainscg';
net = feedforwardnet(hiddenLayerSize, trainFcn);
net = train(net,input',kelas');
save net
handles.net=net;
guidata(hObject, handles);
```


Source Code Proses Pengujian Backpropagatio pada Matlab

```
function pushbutton4_Callback(hObject, eventdata, handles)
% hObject    handle to pushbutton4 (see GCBO)
% eventdata  reserved - to be defined in a future version of MATLAB
% handles    structure with handles and user data (see GUIDATA)
net=handles.net;
test=xlsread('datak30.xls','A602:O901');
target=xlsread('target_dataset.xls','A601:B900');
[baris kolom]=size(target);
output=sim(net,test');
output=output';
for i=1:baris
if((output(i,1)>0.5) && (output(i,2)>0.5))
    hasil(i,1)=1;
    hasil(i,2)=1;
else
if((output(i,1)>0.5) && (output(i,2)<0.5))
    hasil(i,1)=1;
    hasil(i,2)=0;
else
if((output(i,1)<0.5) && (output(i,2)>0.5))
    hasil(i,1)=0;
    hasil(i,2)=1;
end
end
end
end
jumlah=0;
for i=1:baris
if((hasil(i,1)==target(i,1)) && (hasil(i,2)==target(i,2)))
    jumlah=jumlah+1;
end
end
akurasi = jumlah/baris*100;
xlswrite('output.xls',hasil);
set(handles.edit1,'String',num2str(akurasi));
set(handles.uitable3,'Data',hasil);
guidata(hObject, handles);
```