

TABLE I THERMAL UNIT DATA

Thermal Unit	Unit Cost Coefficients			Pmax (MW)	Pmin (MW)	Ini. St. (h)	Min Dn(h)	Min Up(h)	Ramp (MW/h)	Start Up (MBtu)	Fuel Price (\$/MBtu)
	a(MBtu)	b(MBtu/MWh)	c(MBtu/MWh ²)								
Coal1	31.67	55.2438	0.069663	130	25	-7	7	5	25	40	1
Coal2	17.95	35.6968	0.069663	150	15	-8	8	6	40	40	1
Coal3	10.15	40.2438	0.012800	170	17	-8	8	6	50	50	1
NG1 (1037)	10.15	17.8200	0.012800	170	25	-2	2	2	70	50	-
NG2 (1038)	31.67	26.2438	0.069663	200	50	-1	1	1	90	40	-
NG3 (1039)	32.96	10.7600	0.003000	200	50	-1	1	1	80	440	-
NG4 (1040)	6.78	12.8875	0.010875	230	50	-2	2	1	100	400	-
NG5 (1041)	17.95	37.6968	0.028302	200	50	-1	1	1	80	30	-
NG6 (1042)	58.81	22.9423	0.009774	190	20	-1	1	1	65	45	-
NG7 (1043)	6.78	12.8875	0.010875	220	50	-2	2	1	100	100	-
NG8 (1046)	17.95	37.6968	0.028302	230	25	-1	1	1	95	30	-
NG9 (1049)	17.95	37.6968	0.028302	150	10	-1	1	1	60	30	-
NG10 (1051)	58.81	22.9423	0.009774	170	25	-2	2	1	50	50	-
NG11 (1052)	10.15	17.8200	0.012800	170	10	-1	1	1	40	50	-
NG12 (1053)	10.15	17.8200	0.012800	180	25	-2	2	2	50	50	-

TABLE II CASCADED HYDRO UNIT DATA

Hydro Unit	Water-to-Power Conversion Curve			Pmax (MW)	Pmin (MW)	Initial Status (h)	Min Up (h)	Min Dn (h)	Ramp (MW/h)	Disch. Min. (Hm ³ /h)	Disch. Max (Hm ³ /h)	Natural Inflow (Hm ³ /h)	Vol. Min. (Hm ³ /h)	Vol. Max. (Hm ³ /h)	Initial Vol. (Hm ³ /h)	Terminal Vol. (Hm ³ /h)	Header
	η_j	h_0	α_j														
H1	7.182	0.71359	0.00174	70	9	-1	1	1	70	1	10	0	70	150	100	100	-
H2	6.723	0.39665	0.00496	70	4	-1	1	1	70	1	10	0	40	130	80	80	H1
H3	6.197	0.82679	0.00042	115	17	-1	1	1	115	1.3	20	0	100	240	170	170	H2
H4	8.091	0.79100	0.00124	194	30	-1	1	1	194	1.5	20	0	70	160	110	110	H3
H5	5.636	0.07097	0.00710	80	9	-1	1	1	80	1	10	0	60	160	100	100	-
H6	6.465	0.58434	0.00115	60	2	-1	1	1	60	1	10	0	50	140	90	90	H5
H7	5.982	0.2764	0.00553	120	19	-1	1	1	120	1.5	20	0	120	300	180	180	H6
H8	7.182	0.71359	0.00174	70	9	-1	1	1	70	1	10	0	70	150	100	100	-
H9	6.723	0.39665	0.00496	70	4	-1	1	1	70	1	10	0	40	130	80	80	H8
H10	6.197	0.82679	0.00042	115	17	-1	1	1	115	1.3	20	0	100	240	170	170	H9
H11	8.091	0.79100	0.00124	194	30	-1	1	1	194	1.5	20	0	70	160	110	110	H10

TABLE III PUMPED STORAGE UNIT DATA

PS Unit	Generation		Pumping		Pmax (MW)	Pmin (MW)	Generation Discharge		Pumping Discharge		Upstream Reservoir Volume				Downstream Reservoir Volume			
	Linear	Constant	Linear	Constant			Lower Limit	Upper Limit	Lower Limit	Upper Limit	Initial	Terminal	Lower Limit	Upper Limit	Initial	Terminal	Lower Limit	Upper Limit
PS1	6.67	-0.01	10	-0.015	100	-20	5	15	9.5	10	55	55	50	150	445	445	350	450
PS2	6.67	-0.01	10	-0.015	100	-20	5	15	9.5	10	55	55	50	150	445	445	350	450
PS3	10	-0.0142	15	-0.1	204	-34	7	20	14.5	15	80	80	60	200	520	520	400	540

TABLE IV DAILY WATER INFLOW FOR ONE YEAR

Day	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11
1	3.3695	2.9483	2.1059	2.5271	1.6848	1.0277	1.5268	3.1532	2.6952	1.6512	2.3940
2	2.2642	6.3059	1.9551	1.4117	2.4816	0.6474	1.6302	1.4314	7.1158	1.9523	1.2030
3	5.7657	2.2144	1.9559	2.0917	0.4941	1.2168	0.9094	5.8284	2.2549	1.0942	1.9888
4	3.8743	4.7362	1.8158	1.1685	0.7278	0.7666	1.4927	4.0181	4.1957	2.4473	1.0813
5	1.9830	2.3852	2.6884	1.6399	0.6860	1.6287	1.5831	1.4098	1.8229	2.3882	1.7487
6	1.3950	1.8746	2.2695	2.8504	1.0148	0.9623	1.3357	1.9905	2.7424	1.2375	3.6925
7	1.6982	1.3640	1.2774	4.0609	1.0829	0.7597	0.9455	2.2928	2.3327	1.3329	4.1207
8	7.5061	1.1731	2.1718	5.8471	1.6032	0.9082	1.5163	7.4873	1.9906	2.9156	6.1724
9	1.7643	1.1785	2.3169	1.2160	1.4100	1.0148	1.6016	1.9279	0.5505	2.3434	2.2560
10	3.2557	1.1839	2.6940	4.3400	1.4091	0.9707	1.7555	3.3430	1.0771	2.7750	4.1704
11	3.4965	2.0150	1.8555	0.8234	3.0712	1.0798	2.4561	3.4031	1.9155	1.8421	1.1884
12	7.5013	0.9282	2.7627	0.9348	2.3245	0.8579	2.2623	7.8642	1.0820	2.8495	1.0818
13	4.2330	4.4218	1.6239	2.3749	1.9001	1.2007	1.7555	3.9388	4.1356	2.0650	1.9503
14	2.6547	7.1935	1.6655	6.4456	3.9669	0.7906	3.3036	3.7463	6.7047	1.7566	5.1787
15	8.4664	1.9649	2.3692	2.1990	2.0315	0.8510	2.1427	8.3982	1.7415	2.7468	1.0095
16	4.0542	7.6869	2.0529	3.0257	0.9318	0.8635	1.5300	4.1112	8.2279	2.3069	2.8526
17	3.2271	4.1303	2.1409	5.2564	3.2304	1.2694	2.9858	3.7605	5.3166	2.2068	4.9509
18	2.2315	2.8220	2.5728	2.2350	2.1099	1.0647	2.1964	2.2611	2.9366	2.7129	2.0309
19	1.2359	1.8378	2.8635	2.8429	0.9894	0.6729	1.5248	1.1881	1.7045	2.3721	2.1351
20	1.5992	2.4147	2.0264	1.6021	2.3899	0.8434	2.2933	1.1830	2.7655	1.5544	1.7157
21	2.3883	1.2399	1.7349	0.9808	1.9395	1.3526	2.5630	2.5355	0.9961	1.7284	1.0848
22	6.7583	0.5031	2.3631	0.3596	0.5503	1.1229	0.8939	6.0902	1.4344	2.5403	0.3596
23	3.1797	1.5101	1.8325	1.6914	2.6231	0.8801	1.9499	3.5369	2.0635	1.3851	2.0703
24	2.4738	6.3285	2.2103	0.9741	4.6959	0.9419	3.0454	3.2856	5.7147	2.6164	0.1526
25	3.3681	4.2803	2.3617	4.2699	0.8488	1.0354	1.8372	3.0222	3.9454	2.4165	3.7415
26	3.9114	3.3196	1.7604	4.3730	0.5381	1.0559	1.2250	4.3404	3.9901	3.1262	4.2472
27	4.1642	1.3123	1.4893	2.5736	0.2274	1.0454	0.8098	4.7912	1.5063	1.6948	1.9244
28	0.7675	6.5790	2.0929	0.7742	0.9213	1.3617	1.4531	0.7675	6.7755	1.4395	1.3908
29	1.0943	3.7882	2.2514	2.3393	0.7201	1.1081	1.3609	0.3738	2.9345	2.4433	3.0866
30	6.3146	0.6664	2.1646	3.7335	1.9833	1.1184	1.8910	6.6002	0.7804	2.4144	3.8515
31	3.0199	2.5193	3.2663	7.5000	3.2466	1.3816	2.7062	2.8200	2.8621	3.0109	6.7978
32	5.5823	4.8845	3.4890	4.1867	2.7912	1.7026	2.6557	5.9273	4.5661	3.6065	4.5161
33	5.5823	4.8845	3.4890	4.1867	2.7912	1.7026	2.9704	5.9901	4.3832	3.1901	2.9084
34	7.4519	4.8633	3.3464	3.5679	2.6611	2.8719	2.9747	7.8079	4.7705	3.3568	3.3004
35	5.7992	4.9201	3.2112	2.1884	2.7031	0.6854	1.7257	6.4443	4.3931	3.4209	3.7897
36	4.1465	4.8680	4.0085	2.9533	2.6976	1.0508	1.9836	4.4808	4.8322	4.6041	3.1729
37	3.4644	5.0367	3.6453	4.5248	2.7358	1.4162	2.3373	4.0598	5.1763	4.0309	3.9498
38	3.9121	4.8245	2.6322	6.0963	2.7451	0.6729	2.4246	3.3109	5.5111	1.3101	6.5397
39	8.4228	4.8134	3.4976	4.1427	2.7831	1.1040	1.9627	8.4129	4.9033	3.6403	4.0010
40	3.8858	5.0169	3.6842	2.1891	2.7726	1.6748	2.9439	3.8074	4.7459	4.0972	2.7068
41	5.5065	4.8163	4.0068	6.6734	2.7717	1.4170	2.7776	4.7045	5.6334	4.0027	6.4910
42	5.6970	4.8521	3.2896	1.7474	2.8530	1.9400	2.5838	5.8257	5.2647	3.7188	2.4184
43	8.5183	4.8031	4.0609	1.8952	2.8230	0.9787	2.6826	7.9901	4.9185	4.4483	2.3996
44	6.3073	4.9146	3.0135	3.9625	2.8044	2.7544	3.2735	7.0149	5.2504	3.6665	4.0694
45	4.9265	4.9526	3.0420	3.8624	2.8864	0.7649	2.3033	4.5240	4.6986	3.6578	3.7128
46	9.1306	4.8557	3.7166	3.7624	2.8128	0.9458	2.2394	9.3950	5.2839	4.1959	3.8903
47	6.0872	4.9564	3.4361	4.8722	2.7273	1.0139	2.2804	6.1969	5.0907	2.6088	4.7768
48	5.4664	4.9104	3.5212	4.3121	2.8620	1.4513	2.1830	5.0054	5.2229	3.0260	4.2726
49	4.3728	4.8810	3.9044	3.7520	2.9696	1.8887	3.3964	3.2875	4.3573	4.2470	4.1019
50	3.2792	4.8495	4.1528	4.6274	2.7355	0.4605	2.2109	3.2496	5.6173	3.6654	4.2291
51	3.8495	4.8716	3.3774	2.8146	2.8339	0.9927	2.1458	3.3442	5.0888	3.0740	2.4140

52	4.5376	4.8191	3.1293	1.8253	2.8072	1.6537	2.6006	4.8448	3.8605	3.4727	1.8215
53	8.0659	4.7523	3.7079	0.8360	2.6728	2.3146	3.4861	8.3198	4.9873	3.7179	0.4726
54	5.4125	4.8363	3.2293	2.9729	2.9354	1.0445	2.8871	6.2587	5.4735	3.7612	2.2274
55	4.7262	4.9435	3.5918	1.8668	2.9034	1.2998	2.4448	5.0218	5.2628	2.9213	2.3020
56	5.5696	4.9126	3.7217	6.4661	2.7194	1.7366	2.3355	5.2478	5.6030	3.9615	6.3333
57	6.0483	4.8932	3.1537	6.6453	2.9433	1.8513	2.4652	6.2385	5.5531	2.3367	5.8620
58	6.2661	4.8248	2.8634	4.0531	2.5847	1.7980	3.0124	5.7615	4.3701	2.1421	3.8558
59	2.5193	4.9465	3.5017	1.4609	2.7340	3.0500	3.1619	2.5095	3.7937	3.6486	1.3890
60	4.1742	3.6524	2.6089	3.1306	2.0871	1.2731	2.4235	4.1501	4.5468	2.5387	1.9635
61	4.1742	3.6524	2.6089	3.1306	2.0871	1.2731	1.7763	4.1742	3.8478	2.0437	2.4518
62	8.1568	3.5478	2.5305	2.9703	0.5871	2.2724	2.2340	7.9979	3.5580	2.3842	2.0625
63	5.1312	3.8278	2.4608	2.5481	0.9247	0.4778	1.4236	5.6787	3.6248	2.1695	3.1023
64	2.1056	3.5714	2.8798	2.8102	0.8787	0.7494	1.1640	1.1686	2.8040	2.4316	2.7391
65	1.4423	4.4522	2.6872	4.4103	1.2638	1.0210	2.0317	1.6564	4.5629	2.8115	4.9667
66	1.7813	3.4018	2.1384	3.5848	1.3250	0.4648	0.9355	2.2291	2.7146	1.3936	3.8644
67	1.8219	3.3343	2.6388	3.9204	1.9853	0.8424	1.7745	2.1874	2.9147	2.7956	4.1596
68	1.8624	4.3333	2.7089	2.5559	1.7509	1.2372	1.8203	2.1513	4.2290	1.6964	2.2162
69	4.0433	3.3371	2.8780	3.6277	1.7452	1.0494	2.2590	4.0635	3.7151	3.1425	3.7702
70	4.3565	3.4898	2.5151	2.3986	3.5987	1.4513	3.2427	4.6950	3.6777	2.6868	1.7321
71	5.0196	3.2849	2.9017	2.4430	2.7712	0.7049	2.1097	5.3041	2.6122	3.2808	2.0810
72	5.6827	3.7850	2.3603	3.0483	2.3846	2.0913	2.5493	5.5549	4.5259	2.0143	2.7165
73	3.1341	3.9956	2.3660	4.0362	4.9375	0.5416	3.7009	2.9454	4.0120	2.7061	4.1354
74	4.0762	3.5063	2.7363	3.0046	2.4853	0.6921	2.0732	3.9283	4.4415	2.2000	2.1072
75	5.0183	4.0153	2.5784	3.2914	1.1569	0.7297	1.1590	4.2807	3.4108	3.0283	2.5976
76	3.9852	3.7783	2.6262	3.8126	3.9770	2.5452	3.6076	3.8682	3.3870	1.5647	3.9115
77	2.6304	3.6360	2.8253	3.0266	2.6143	1.4283	2.1340	2.6896	3.2524	2.9677	3.7613
78	1.2756	3.4866	2.9528	3.2307	1.2515	0.3126	1.7327	1.4330	3.4330	2.5861	3.4139
79	1.8051	3.5897	2.5520	2.7599	3.0797	0.7078	2.6741	2.5269	3.1012	2.1653	2.5385
80	2.5982	3.3477	2.4142	4.2946	2.4307	1.2100	2.4936	2.4227	2.8657	2.4901	4.2703
81	9.6924	3.0718	2.7314	1.8553	0.6824	1.7122	2.1970	10.0040	1.8822	2.5630	1.8942
82	4.0510	3.3883	2.4721	2.7345	0.8929	0.7676	1.5841	4.4505	2.9692	2.9575	3.7135
83	2.8869	3.9706	2.6835	2.3869	0.8929	1.0025	1.7218	3.3573	4.0993	2.6299	2.3505
84	4.1531	3.7800	2.7232	3.6162	1.1034	1.2797	1.9726	3.6571	3.6881	3.2299	4.0856
85	4.9984	3.6992	2.4321	3.6405	0.6973	1.3952	1.7695	5.1044	3.6154	2.1944	3.6007
86	5.4152	3.3736	2.2671	5.2156	0.2912	1.3501	0.8890	5.5341	3.3151	2.3016	4.8151
87	0.6987	3.9666	2.6224	2.2203	1.2701	1.5301	1.6383	0.1948	4.0508	2.8217	2.3750
88	0.9884	3.7592	2.6805	3.0105	0.8774	1.7100	1.9558	0.6174	3.5086	3.2387	3.5364
89	9.3585	3.1547	2.6351	3.4874	2.3723	1.6579	2.5959	9.8996	2.8022	2.9453	2.6553
90	3.5683	3.6114	3.1055	4.5907	3.8673	3.0500	3.9115	3.5026	3.8655	2.9617	4.0453
91	3.4639	3.0309	2.1649	2.5979	1.7320	1.0565	1.9161	3.6588	2.8204	1.4790	2.5020
92	3.4639	3.0309	2.1649	2.5979	1.7320	1.0565	1.7235	3.5079	3.1455	1.8220	2.8296
93	6.0689	2.6846	1.8700	2.4071	0.7107	1.5460	1.7221	5.7512	2.2049	2.0358	1.9450
94	4.0282	3.6857	1.6202	1.9127	0.9422	0.5552	0.9838	3.7484	3.6127	1.1213	1.5879
95	1.9875	2.7705	3.4875	2.1977	0.9219	2.9358	2.4642	2.2093	3.1428	3.6332	2.5091
96	1.4083	7.0224	2.4968	4.3044	1.2124	0.9085	1.7523	0.9333	6.5772	3.0503	3.6368
97	1.6853	2.2356	0.8211	3.1659	1.2543	0.5401	1.1244	2.0759	2.3051	0.9436	3.6897
98	7.9343	2.0714	2.3236	3.6059	1.6796	0.8109	1.2918	8.2188	1.9533	2.4061	4.0376
99	1.7434	6.2532	2.5969	1.9278	1.5273	1.0353	2.2485	1.3325	6.2155	2.8000	1.6066
100	3.4533	2.0259	3.4546	3.2521	1.5337	0.9311	1.6173	3.3205	1.8466	4.0626	3.5821
101	3.6435	2.4886	1.7743	1.7432	2.5841	1.1596	1.9112	3.0496	1.4498	2.4985	2.3903
102	7.6254	1.9548	3.6619	1.8344	2.0837	0.7116	1.6390	6.5242	1.8830	3.1493	1.9917
103	4.4856	3.5314	1.3247	2.5001	1.9045	1.4742	2.6362	4.9788	4.2281	1.4274	2.9299
104	2.7145	4.4301	1.3488	3.7760	3.1972	0.5966	2.1272	2.4552	4.7560	1.6432	3.8403
105	8.8264	2.5830	2.6875	2.4757	1.9979	0.6929	1.9005	8.9901	2.3944	2.5555	2.4840

106	4.0295	4.5176	2.0485	2.7893	1.1319	0.7350	1.2423	4.1465	4.1869	3.2962	2.7529
107	3.3488	3.5495	2.2314	3.4849	2.7074	1.6570	2.2188	3.3595	3.6740	2.6594	2.9877
108	2.2780	2.9650	3.1911	2.4643	1.9349	1.1373	1.8140	1.7760	2.7732	2.7656	2.0906
109	1.2072	2.4963	3.8898	2.7267	1.1624	0.4164	1.3068	0.7336	2.2321	4.2957	2.7113
110	1.6352	2.8032	1.9730	2.1654	2.2335	0.6972	2.1642	1.4480	2.8309	2.3231	2.6596
111	2.4428	2.1148	1.4939	4.1564	1.9086	1.9326	2.7044	1.8499	2.7417	1.8739	3.8569
112	6.9780	1.4324	2.6707	1.2209	0.7827	1.3149	1.5346	6.4500	0.1724	1.8142	1.9592
113	3.2785	2.3022	1.6592	2.2041	4.3508	0.7454	3.0133	4.0147	2.5946	2.4277	1.7972
114	2.5161	4.2687	2.4237	1.7731	3.4898	0.8797	2.9514	2.5440	3.7647	1.6188	2.0956
115	3.4877	3.4815	2.6770	3.2209	1.0635	1.0742	1.4843	2.8790	3.9536	3.2318	2.5659
116	4.0322	3.1873	1.5293	3.2228	4.5875	1.1215	3.6829	4.0116	1.9753	0.9744	2.7891
117	4.3439	2.1663	1.0795	5.5616	0.4350	1.1009	1.1728	3.7797	2.0544	1.2722	5.3245
118	0.7595	4.2676	2.1843	1.5929	1.1696	1.9619	2.4977	0.0849	4.2966	2.6669	1.7041
119	1.0095	3.4298	2.4668	2.4485	0.9284	1.2916	2.1077	0.8789	3.2175	2.8759	3.3842
120	6.8932	1.6282	2.2737	3.0464	4.3514	1.2590	3.4642	7.3699	1.5267	2.2922	3.1014
121	2.2905	2.0042	1.4316	1.7179	1.1452	0.6986	1.0741	2.3548	1.2477	0.9686	1.5122
122	2.2905	2.0042	1.4316	1.7179	1.1452	0.6986	1.3755	2.6187	1.4410	1.3756	1.9735
123	4.6617	1.6225	1.1490	1.4103	0.6951	0.8061	0.9784	4.0778	1.2150	0.7475	0.8107
124	2.9006	2.8353	0.9214	0.7699	0.8123	0.5461	1.1165	2.6703	3.0186	0.0889	0.7217
125	1.1396	1.7158	2.9503	1.0963	0.7961	1.0297	1.2207	1.0084	1.4227	2.4996	1.3192
126	0.7371	1.4588	1.7340	6.5803	0.9466	0.6503	0.9138	0.1306	2.2275	2.0282	6.4324
127	0.8841	1.2018	0.3276	2.9589	0.9484	0.5405	1.0996	0.2244	1.2718	0.6046	2.8749
128	6.7194	1.0241	1.6130	4.0294	1.1279	0.6329	1.8190	7.1850	0.0927	1.4054	4.1192
129	0.9775	7.0783	1.8959	0.8061	1.0652	0.6908	1.1793	0.9831	6.8512	1.9268	1.0166
130	2.2452	0.9951	2.9243	3.0596	1.0685	0.6664	1.0191	1.9226	0.6691	3.1530	3.8984
131	2.4296	1.4633	1.0103	0.5638	1.4524	0.7268	1.6600	2.8325	1.5150	1.1098	1.5623
132	6.4048	0.8981	3.2219	0.6727	1.2794	0.6000	1.4833	6.5206	0.7878	3.3507	1.0212
133	3.2187	2.6139	0.6806	1.5437	1.2095	0.7925	1.7313	2.7238	2.4744	1.7210	0.8605
134	1.6535	3.8632	0.7195	4.5747	1.6153	0.5600	1.8476	2.3233	3.4964	0.7195	4.7562
135	7.4674	1.5362	1.9647	1.5566	1.2519	0.5913	1.7109	7.6122	1.5039	2.1342	1.2731
136	2.7940	4.0423	1.3197	2.0561	0.8972	0.6093	1.1465	3.5335	3.3203	1.4646	1.5340
137	2.1763	2.5787	1.5033	3.6827	1.4896	0.8333	1.9772	2.7453	2.8849	1.8344	4.0313
138	1.3765	1.9440	2.5921	1.5214	2.1995	0.7210	1.5678	1.0344	1.2822	2.3017	1.7634
139	0.5768	1.4211	3.4622	1.9442	0.9048	0.4896	1.5111	0.5768	1.0903	3.9061	1.8473
140	0.8541	1.7385	1.2538	1.0675	1.3157	0.5937	1.1677	0.8176	1.6654	1.3397	0.8785
141	1.4289	1.0542	0.8061	5.8667	1.2166	0.8780	1.1497	1.2636	1.1782	1.2305	5.4235
142	5.6528	0.5338	1.9757	0.2357	0.7285	0.7590	1.3184	5.2310	0.4955	2.4576	0.2357
143	2.1180	1.2457	0.9520	1.1352	1.9393	0.6114	1.5253	2.3669	2.1148	1.6130	0.3211
144	1.5196	3.5897	1.6690	0.6381	1.7277	0.6492	2.0933	2.2638	4.4007	1.6368	0.0512
145	2.2768	2.6441	2.0117	2.9236	0.8733	0.7022	0.9390	2.0036	2.9573	2.6702	2.7159
146	2.7880	2.1734	0.8371	3.0031	2.0002	0.7147	2.3362	2.3646	2.2193	0.9511	3.0906
147	3.0744	1.1081	0.4913	1.7204	0.5252	0.7099	1.5479	2.9512	0.7043	0.4913	1.8351
148	0.3238	3.7553	1.5217	0.4377	0.9482	0.8831	1.2857	0.6553	3.5246	1.4468	0.4377
149	0.4714	2.4943	1.7547	1.4653	0.8063	0.7535	1.5544	0.0443	1.7913	1.5022	1.8153
150	5.3479	0.6689	1.5499	2.6047	1.9202	0.7487	1.7901	4.7472	0.4817	0.6853	2.8181
151	1.9526	1.8197	5.2367	7.5000	1.4802	0.8953	1.3343	1.8927	1.5842	5.0280	8.2274
152	0.9726	0.8510	0.6079	0.7294	0.4863	0.2966	0.7657	0.9399	1.7267	0.3004	0.4743
153	0.9726	0.8510	0.6079	0.7294	0.4863	0.2966	1.3320	1.2152	1.2276	0.9682	0.7261
154	1.5400	0.6926	0.4943	0.6129	0.1794	0.5676	0.9680	1.2423	0.7251	0.6640	0.3502
155	2.5495	1.1935	0.4073	0.3659	0.2556	0.0972	0.2104	2.4747	1.0471	0.8487	0.7247
156	0.6055	0.7245	1.1983	0.5067	0.2434	1.7309	0.9980	0.3881	0.7659	1.3404	1.0509
157	0.4590	3.5085	0.7587	2.2777	0.3201	0.2424	0.6263	0.4193	3.8916	0.6860	2.5280
158	0.5450	0.5000	0.1544	1.1300	0.3414	0.0945	0.9646	1.3126	1.6185	0.1095	2.5159
159	1.9150	0.4472	0.6722	1.5425	0.4695	0.1891	0.4626	1.6118	0.6107	0.8167	1.4623

160	0.5633	2.8658	0.7882	0.3760	0.4220	0.2833	1.3043	0.5633	3.2975	1.3706	0.5907
161	0.9416	0.4510	1.1991	1.1838	0.4212	0.2390	0.7895	1.1763	0.7907	1.6020	0.2004
162	0.9972	0.6244	0.4655	0.2903	0.7564	0.3471	1.4613	0.5454	0.9017	0.4655	0.0173
163	1.8663	0.4009	1.2705	0.3299	0.5999	0.1514	0.9211	1.8842	0.9017	1.3309	0.3299
164	1.2221	1.0825	0.3096	0.6547	0.5437	0.5145	1.4264	0.9083	1.7122	0.1985	0.6007
165	0.7928	1.6198	0.3131	1.7166	0.9621	0.1121	0.9143	1.0605	1.6419	0.5989	1.0585
166	2.0917	0.6476	0.8272	0.6525	0.5691	0.1449	0.7646	2.3681	0.4906	0.6771	0.3162
167	1.1017	1.6750	0.5620	0.8580	0.3024	0.1597	0.8178	0.9999	1.7884	1.1291	0.4068
168	0.9424	1.0886	0.6359	1.4157	0.8123	0.6496	1.6905	0.9424	1.5869	0.5462	1.3383
169	3.7876	0.8290	1.0542	0.6625	1.7690	0.3454	1.2929	3.8539	1.4369	0.3207	1.1361
170	0.4136	0.6101	1.3967	0.8091	0.3126	0.0602	0.7752	1.2100	0.3388	2.0944	1.5843
171	0.5383	0.7514	0.5201	0.4776	0.6572	0.1521	0.5003	1.0475	1.2076	0.7406	0.6921
172	0.7190	0.4595	0.3606	2.1273	0.5429	0.8160	0.9654	0.7190	0.3734	0.6433	1.8469
173	1.7300	0.2398	0.8200	0.1296	0.2000	0.4281	0.8007	1.6907	0.0719	0.4732	0.2192
174	0.9192	0.5476	0.4157	0.5202	1.3779	0.1635	1.2609	0.5784	0.8184	0.8327	0.1345
175	0.7469	1.4924	0.6973	0.3126	1.0995	0.2130	0.8758	0.2346	1.9585	0.6973	0.3126
176	0.9709	1.1062	0.8332	1.1557	0.2840	0.3043	1.2684	0.3537	0.8211	1.3821	0.4519
177	1.1021	0.9245	0.3717	1.1954	1.4445	0.3285	1.2481	1.2465	0.1752	0.3709	0.2423
178	1.1671	0.4814	0.2306	4.0783	0.1017	0.3175	0.9810	0.9524	0.4562	0.2306	4.0457
179	0.2803	1.5438	0.6330	0.2281	0.3296	0.8468	1.1336	0.3082	1.8203	0.0187	0.5642
180	0.3569	1.0473	0.7327	0.6390	0.2438	0.4148	0.4550	0.1729	1.0890	0.8364	0.7420
181	1.6817	0.2970	0.6532	1.0470	1.3493	0.4028	1.8048	1.4492	1.0858	0.7636	1.0429
182	0.5225	0.4572	0.3266	0.3919	0.2613	0.1594	0.8227	0.7080	0.2918	0.3266	0.4019
183	0.5225	0.4572	0.3266	0.3919	0.2613	0.1594	0.8960	0.8866	0.8548	0.1000	0.1126
184	1.0773	0.3447	0.3054	0.3221	0.2581	0.2199	0.5321	2.1334	0.3447	1.0051	1.2652
185	2.5258	0.7229	0.2853	0.1763	0.2591	0.0921	0.2125	1.8472	0.0913	0.0543	0.0663
186	0.2463	0.3674	0.4081	0.2575	0.2591	0.3850	0.7136	0.2463	0.7007	0.4245	0.2575
187	0.1613	3.3118	0.3488	1.4600	0.2600	0.1398	0.9676	0.6802	2.6155	0.7481	1.3086
188	0.2150	0.2063	0.2082	0.6191	0.2602	0.0904	0.6304	0.0201	0.2063	0.6566	0.3343
189	1.5001	0.1836	0.3333	0.9401	0.2611	0.1249	0.8626	0.8095	0.1836	0.4022	0.8794
190	0.2172	2.4911	0.3559	0.1824	0.2608	0.1563	0.9115	0.3750	1.7468	0.3559	0.1824
191	0.5150	0.1787	0.4056	0.6984	0.2608	0.1431	0.3640	1.2917	0.4579	0.4056	0.2763
192	0.5571	0.3061	0.2914	0.1262	0.2628	0.1748	0.4063	0.9111	0.1674	0.5057	0.1262
193	1.4862	0.1552	0.4187	0.1543	0.2620	0.1132	0.7711	2.4649	0.1552	0.0500	0.1543
194	0.7276	0.6609	0.2597	0.3570	0.2616	0.2124	0.5030	0.9799	0.2167	0.5421	0.3570
195	0.3777	1.1003	0.2642	1.0326	0.2634	0.0972	1.0412	1.3100	0.6070	0.2642	0.9847
196	1.7174	0.3265	0.3578	0.3613	0.2619	0.1089	0.7120	1.5475	0.2907	0.5880	0.8151
197	0.6815	1.1521	0.3203	0.4654	0.2597	0.1148	0.7513	0.1116	1.1521	0.6350	1.6502
198	0.4914	0.6327	0.3314	0.8320	0.2629	0.2381	0.4907	0.3858	0.2855	0.5213	1.0919
199	4.5680	0.4399	0.3912	0.3484	0.2654	0.1712	0.8955	5.1631	0.4399	0.3912	0.5537
200	0.1350	0.2878	0.4299	0.4417	0.2599	0.0715	0.5407	0.1350	0.4527	0.2563	0.9680
201	0.1960	0.3788	0.3136	0.2440	0.2622	0.1110	1.0131	0.5136	0.6781	0.5346	0.4584
202	0.3191	0.1935	0.2741	1.3209	0.2616	0.2654	0.6396	0.0184	0.2671	0.2741	1.9684
203	1.3291	0.0812	0.3624	0.0526	0.2584	0.1884	0.6251	1.6047	0.0305	0.0117	0.0526
204	0.4806	0.2399	0.2880	0.2626	0.2646	0.1188	1.1187	0.4806	0.2399	0.2880	0.3280
205	0.3461	0.9412	0.3395	0.1487	0.2639	0.1343	0.5364	0.3891	0.9553	0.8406	0.1487
206	0.5196	0.6710	0.3630	0.6635	0.2595	0.1617	0.4164	0.5196	0.2328	1.2277	0.2838
207	0.6380	0.5109	0.2776	0.6862	0.2648	0.1677	1.2054	0.3914	0.3782	0.6321	0.3886
208	0.6990	0.2072	0.2375	2.7951	0.2563	0.1649	0.5649	0.9300	0.0434	0.2375	3.2013
209	0.0718	1.0508	0.3317	0.1028	0.2600	0.2699	1.0461	0.0718	0.4717	0.4461	0.1376
210	0.1081	0.6040	0.3473	0.3423	0.2591	0.1874	0.8077	0.7264	0.8940	0.2355	0.3423
211	1.2113	0.1062	0.3348	0.5895	0.2645	0.1867	0.5614	0.8957	0.2261	0.3348	1.5032
212	0.4475	0.3980	0.4846	1.7148	0.2629	0.2784	0.3477	0.4475	0.2226	0.6574	2.0418
213	0.5930	0.5189	0.3706	0.4447	0.2965	0.1809	0.5029	0.5930	0.9649	0.4255	0.4447

214	0.5930	0.5189	0.3706	0.4447	0.2965	0.1809	1.0632	1.1208	1.3080	0.3706	0.2572
215	0.6492	0.5136	0.2810	0.3790	0.2088	0.1854	1.1622	0.5926	0.5136	0.2810	0.4828
216	0.7209	0.5276	0.2135	0.2326	0.2335	0.1733	1.1600	0.9105	0.5146	0.0746	0.2326
217	0.5411	0.5149	0.9244	0.3128	0.2308	0.1936	0.7479	1.0132	0.5149	1.2518	0.2596
218	0.5115	0.5570	0.4899	1.2956	0.2568	0.1791	0.9561	0.5115	0.9324	0.4899	1.4650
219	0.5292	0.5048	0.0578	0.6581	0.2618	0.1731	0.2829	0.2069	0.7549	0.0578	1.1749
220	0.6756	0.5018	0.3902	0.9140	0.2911	0.1773	0.9351	0.3235	0.2432	0.1493	0.2116
221	0.5328	0.5511	0.5311	0.2419	0.2819	0.1805	0.6933	0.0238	0.2715	1.0228	0.2419
222	0.5902	0.5022	0.9157	0.7034	0.2821	0.1794	0.6019	0.4991	0.1255	1.7967	0.3817
223	0.5969	0.5115	0.2362	0.1774	0.3506	0.1821	1.0442	1.3574	0.9744	0.9499	0.2628
224	0.6770	0.4988	1.0215	0.2006	0.3226	0.1761	0.7920	0.6578	0.3745	1.4774	0.8730
225	0.6171	0.5260	0.1426	0.4167	0.3073	0.1850	1.1083	1.2308	0.4511	0.3060	1.3849
226	0.5694	0.5353	0.1563	0.9776	0.3775	0.1740	0.6452	0.2213	0.5353	0.1911	1.3483
227	0.6896	0.5122	0.5545	0.4082	0.3152	0.1757	0.8936	0.6934	0.6685	0.5545	0.8142
228	0.6083	0.5366	0.3346	0.5150	0.2500	0.1766	1.0483	0.2169	1.8817	0.1255	0.4436
229	0.5893	0.5254	0.3936	0.8259	0.3557	0.1864	0.7320	0.8828	0.6702	0.3831	0.7760
230	0.7776	0.5180	0.7795	0.4002	0.4670	0.1818	1.0647	0.6520	0.5180	0.8937	0.0001
231	0.5011	0.5103	1.1584	0.4913	0.2548	0.1700	0.5948	0.7412	0.6337	0.6543	0.7379
232	0.5243	0.5153	0.3163	0.3026	0.3281	0.1758	0.3341	0.8583	0.5153	0.3163	0.9214
233	0.5567	0.5030	0.1789	1.1958	0.3097	0.1881	0.4076	0.5175	0.5773	0.4580	1.8438
234	0.6664	0.4876	0.5676	0.0869	0.2159	0.1833	1.1444	1.1110	0.4876	0.5676	0.0869
235	0.5869	0.5070	0.2209	0.3195	0.4286	0.1768	0.3841	1.7416	0.8666	0.2209	0.4281
236	0.5626	0.5337	0.4518	0.1999	0.3942	0.1786	0.8747	0.8249	1.1046	0.5873	0.5153
237	0.5917	0.5262	0.5726	0.6700	0.2472	0.1809	0.5861	0.5858	1.3022	1.3401	0.3957
238	0.6081	0.5209	0.1898	0.7043	0.4369	0.1816	0.9929	1.0647	1.2127	0.1898	0.8191
239	0.6145	0.5043	0.1019	2.1682	0.1683	0.1813	0.7366	0.6424	0.1253	0.4147	2.3459
240	0.4627	0.5340	0.3729	0.1592	0.2531	0.1884	0.9058	0.4627	0.7553	0.3729	0.4199
241	0.4945	0.5231	0.4756	0.4278	0.2341	0.1827	1.1188	0.7372	0.9786	0.3188	0.1199
242	0.6552	0.4925	0.4132	0.6150	0.4226	0.1832	0.6524	0.6527	0.4925	0.1121	1.2879
243	0.5803	0.5170	1.8758	1.4677	0.3524	0.1888	0.9577	0.4422	0.6179	2.5053	1.9552
244	0.5171	0.4525	0.3232	0.3878	0.2585	0.1577	0.3397	1.1553	0.8339	0.7524	0.3878
245	0.5171	0.4525	0.3232	0.3878	0.2585	0.1577	0.9807	1.4488	0.4525	0.3232	0.3878
246	0.8416	0.4241	0.2525	0.3578	0.0902	0.2411	0.8500	0.5804	0.4241	0.0721	0.1950
247	1.5001	0.5029	0.1962	0.2790	0.1231	0.0763	0.6178	1.5518	0.8919	0.4730	0.2790
248	0.3123	0.4304	0.7351	0.3256	0.1227	0.5057	1.2901	0.3123	0.4272	0.7351	1.1095
249	0.2298	0.7120	0.4241	0.6619	0.1645	0.1384	0.3353	0.5700	0.9743	0.3208	0.7786
250	0.2871	0.3749	0.0610	0.4658	0.1805	0.0743	0.4667	0.2871	1.0571	0.0610	0.7890
251	1.0453	0.3657	0.3398	0.5585	0.2444	0.1128	1.1112	1.5404	0.6067	0.5867	0.5585
252	0.2877	0.6677	0.4454	0.2838	0.2223	0.1533	0.8575	0.3971	0.2742	0.0100	0.3823
253	0.5136	0.3635	0.7148	0.4927	0.2236	0.1370	0.3747	0.6444	0.7395	0.7548	1.3411
254	0.5392	0.4051	0.2338	0.2551	0.4149	0.1748	0.7504	1.1459	0.3217	0.2338	0.6181
255	1.0414	0.3563	0.7905	0.2650	0.3253	0.1008	1.1083	0.9041	0.3563	0.0836	0.6612
256	0.6471	0.4922	0.1388	0.3731	0.2893	0.2306	0.3876	0.5805	1.5393	0.1388	0.6748
257	0.4158	0.5546	0.1465	0.5785	0.5378	0.0821	1.1420	0.4158	0.5947	0.1465	0.5493
258	1.1773	0.4151	0.4678	0.3691	0.3079	0.0973	0.6243	0.3455	0.4151	0.3221	0.3691
259	0.5981	0.5616	0.2953	0.4181	0.1550	0.1039	0.9616	0.2463	0.8795	0.1447	1.4902
260	0.4983	0.4881	0.3416	0.5290	0.4517	0.2673	0.9651	0.6388	1.3291	0.3416	0.5290
261	2.2406	0.4486	0.6302	0.3702	1.0327	0.1741	0.8648	1.9700	0.7455	1.1774	0.5987
262	0.2057	0.4067	0.8875	0.4073	0.1610	0.0546	0.4621	0.2057	0.8018	1.5496	0.6029
263	0.2706	0.4342	0.2711	0.3182	0.3550	0.0999	0.4225	0.8070	0.4869	0.2079	1.3547
264	0.3689	0.3709	0.1699	0.6403	0.2934	0.3082	1.1360	0.0128	0.2916	0.1699	0.4786
265	0.9683	0.3029	0.4704	0.1706	0.0993	0.1988	0.8264	0.9627	0.7383	0.5773	0.9046
266	0.5005	0.3840	0.2056	0.3178	0.7673	0.1071	0.6115	0.5001	0.2866	0.0053	0.0666
267	0.3914	0.5467	0.4021	0.2543	0.5774	0.1303	1.0899	0.2666	0.5844	0.4345	0.3591

268	0.5104	0.4939	0.4707	0.4800	0.1517	0.1578	0.7352	0.7087	0.2306	0.4707	0.8574
269	0.5923	0.4644	0.1779	0.4892	0.8303	0.1690	1.4250	0.4603	0.1216	1.0213	0.0151
270	0.6291	0.3770	0.0998	0.8707	0.0480	0.1649	0.3836	0.6291	0.2428	0.2635	1.1773
271	0.1353	0.5462	0.3337	0.2270	0.1660	0.3176	1.0116	0.1353	0.5462	0.6917	1.1072
272	0.1821	0.4808	0.4046	0.3706	0.1243	0.1932	1.0267	0.3037	0.6051	1.2039	0.4150
273	0.9056	0.3234	0.3549	0.4583	0.7617	0.1951	1.4582	0.2773	0.3746	0.3549	1.7560
274	1.0579	0.9257	0.6612	0.7934	0.5290	0.3227	0.6659	0.8843	0.9052	0.2894	0.4557
275	1.0579	0.9257	0.6612	0.7934	0.5290	0.3227	0.6438	0.5872	0.9257	0.7493	2.1868
276	1.1400	0.6933	0.5909	0.7656	0.4434	0.5949	1.2248	0.5527	0.4380	0.8548	0.7572
277	1.2406	1.4905	0.5299	0.6874	0.4705	0.1122	1.1226	0.7300	1.6151	0.2534	0.8233
278	0.9789	0.7380	0.9594	0.7356	0.4674	1.7254	1.9918	0.7780	0.9226	1.1086	0.2785
279	0.9354	6.9013	0.7458	1.0046	0.4910	0.2647	1.0073	1.0222	6.9909	0.1325	0.0289
280	0.9673	0.4022	0.3113	0.8598	0.4982	0.1101	1.1116	0.9093	0.3836	0.2165	0.7011
281	1.1797	0.3684	0.6880	0.9296	0.5248	0.2050	0.9508	1.7118	0.3684	0.5371	1.2237
282	0.9671	5.1853	0.7633	0.6913	0.5158	0.3097	1.0111	0.8444	5.3550	1.2418	1.1058
283	1.0502	0.3882	0.9649	0.8752	0.5151	0.2618	0.7054	0.2914	0.3226	0.6983	0.0378
284	1.0620	0.6466	0.5482	0.6425	0.5759	0.3845	0.5827	1.0669	0.8892	0.0976	0.6425
285	1.1794	0.3010	0.9992	0.6687	0.5508	0.1687	0.5858	1.2151	0.6004	0.5529	0.4503
286	1.0936	1.3610	0.4497	0.7812	0.5387	0.5583	1.0232	1.2519	1.3180	0.5890	0.8037
287	1.0234	2.2673	0.4637	0.9457	0.5974	0.1265	0.4550	1.2733	2.4299	0.0908	2.1540
288	1.1945	0.6671	0.7651	0.7840	0.5479	0.1553	0.6318	1.8335	0.4996	1.5668	0.6291
289	1.0849	2.3740	0.6395	0.8182	0.4852	0.1766	0.4328	0.8110	2.2128	0.9266	0.9120
290	1.0514	1.2861	0.6776	0.9095	0.5808	0.6894	1.2172	1.1818	1.0949	0.8379	1.3834
291	1.3220	0.8834	0.8928	0.7742	0.6637	0.3629	0.9053	1.3154	0.4067	0.8171	0.5114
292	0.9251	0.5761	1.0579	0.8110	0.4926	0.0707	0.8522	0.6349	0.6929	1.2158	0.2532
293	0.9561	0.7585	0.6249	0.7287	0.5568	0.1593	1.0436	2.0243	1.3761	1.2968	0.7287
294	1.0021	0.3814	0.4906	0.9876	0.5412	0.8370	1.0499	0.8733	0.0922	0.4906	1.5751
295	1.1659	0.1620	0.7911	0.5494	0.4509	0.4355	0.9917	0.4611	0.1620	1.4376	0.7920
296	1.0482	0.4794	0.5350	0.7393	0.6368	0.1859	0.8467	1.9333	0.8409	0.3457	1.5621
297	1.0137	1.9303	0.7045	0.6663	0.6143	0.2339	0.8385	1.1765	1.9500	0.7058	0.4391
298	1.0572	1.3744	0.7896	0.8721	0.4800	0.3310	1.1846	0.4977	2.1450	1.2319	1.3765
299	1.0799	1.0574	0.5082	0.8829	0.6403	0.3560	1.3565	1.3901	0.2069	0.7994	1.9076
300	1.0897	0.4119	0.3897	1.1305	0.3993	0.3437	0.7226	1.7246	0.4119	0.3897	1.4315
301	0.8626	2.1220	0.6686	0.6281	0.4906	0.8792	1.1104	0.4146	1.7401	0.6686	0.6370
302	0.9054	1.1945	0.7316	0.7809	0.4687	0.4243	1.2468	0.9730	2.2827	1.0184	0.7809
303	1.1559	0.2095	0.6879	0.8536	0.6346	0.4347	1.2818	1.0864	0.4253	0.2327	1.4730
304	1.0416	0.7953	1.2787	1.0378	0.5803	0.9303	1.6312	0.4599	0.5734	0.4631	1.3796
305	2.3217	2.0315	1.4510	1.7413	1.1608	0.7081	1.6414	2.9136	2.0465	1.2714	1.3509
306	2.3217	2.0315	1.4510	1.7413	1.1608	0.7081	1.4239	2.3140	1.8737	1.2522	2.0068
307	2.6490	1.5371	1.3825	1.6686	0.7296	0.9061	0.9650	2.9171	2.0260	0.8018	2.7358
308	3.0648	3.2079	1.3206	1.4700	0.8575	0.4638	1.5967	2.7066	3.2170	0.7657	1.6472
309	2.0415	1.6546	1.6977	1.5840	0.8323	1.3713	1.2171	1.7137	2.0636	1.8430	1.6998
310	1.8847	1.3187	1.5151	2.3143	0.9716	0.6314	1.0680	2.0419	1.6699	0.5600	2.9583
311	1.9654	0.9828	1.0534	1.9360	0.9831	0.4602	1.0030	2.0188	0.8672	1.7108	1.9293
312	2.8226	0.8540	1.4880	2.0905	1.1432	0.5979	1.6647	3.7467	0.7971	1.8207	1.4238
313	1.9940	0.8345	1.5430	1.4870	1.0860	0.6927	1.1134	1.8564	0.8985	1.4054	1.2088
314	2.3127	0.8151	1.6924	1.9679	1.0901	0.6546	1.8473	3.4190	0.4154	1.6809	2.3457
315	2.3459	1.3222	1.3519	1.3830	1.4366	0.7555	2.0530	3.1002	1.2029	0.8979	0.9271
316	2.7984	0.7301	1.7285	1.4323	1.2801	0.5474	1.7274	1.8259	0.6854	1.2067	2.1181
317	2.4854	2.7767	1.2416	1.6913	1.2244	0.8702	1.5525	1.6451	2.2651	1.4284	1.8141
318	2.1844	4.7971	1.2490	2.1473	1.5892	0.4874	1.3459	1.8976	5.2659	1.6998	2.2067
319	2.8824	1.4318	1.5554	1.7035	1.2568	0.5348	1.2638	2.7895	0.8659	2.1947	1.8958
320	2.4201	5.0454	1.4276	1.8090	0.9294	0.5567	1.6187	2.4246	4.6900	1.3634	1.7739
321	2.3004	2.8608	1.4660	2.0494	1.4721	0.9527	2.0728	2.7189	2.2760	1.7724	1.7602

322	3.4289	1.9455	1.6501	1.6949	2.1069	0.7457	1.6821	3.0678	2.4782	2.6284	1.9296
323	1.8019	1.3017	1.7558	1.7884	0.9336	0.3878	0.9433	1.4412	0.9615	2.8890	2.4382
324	1.9611	1.7287	1.3935	1.5691	1.3367	0.5542	1.1335	1.8605	0.8658	1.2065	2.3865
325	2.1123	0.8683	1.2817	2.2584	1.2293	1.0313	1.4038	2.1021	1.2749	2.4007	1.9070
326	2.7443	0.3715	1.5599	1.1358	0.7664	0.8089	0.9517	2.8837	1.0924	1.4801	1.5394
327	2.2883	1.0832	1.3275	1.5948	1.8796	0.5661	1.6567	2.8174	1.4193	0.9759	1.0811
328	2.1564	4.1059	1.4923	1.4127	1.7126	0.6215	1.5815	2.4672	4.1752	1.7740	2.0599
329	2.3197	2.9450	1.5641	1.9515	0.8995	0.7165	1.1707	1.4444	2.5152	1.5390	1.9590
330	2.4067	2.2886	1.2949	1.9703	1.9199	0.7362	1.5319	2.7554	1.9125	1.8767	2.0797
331	2.4446	0.9374	1.1590	2.6449	0.5558	0.7260	0.6772	2.8503	1.5522	1.4884	3.5015
332	1.6245	4.5218	1.4611	1.3158	0.9616	1.0560	1.7583	1.9427	5.0972	0.6861	0.2764
333	1.7620	2.6149	1.5154	1.7033	0.8459	0.7932	1.1289	2.4170	2.3109	0.0008	1.7598
334	2.6997	0.4905	1.4770	1.8991	1.8581	0.7990	2.1864	2.8632	0.8935	1.7473	1.3559
335	2.6344	2.3051	1.6465	1.9758	1.3172	0.8035	1.7322	2.2979	2.4137	1.1420	1.1966
336	2.6344	2.3051	1.6465	1.9758	1.3172	0.8035	1.8227	2.5597	2.1184	2.1005	2.2945
337	3.0616	1.9472	1.4951	1.8697	0.5827	1.1655	1.7068	1.8371	1.5312	2.2863	1.6674
338	3.6514	3.0073	1.3560	1.5808	0.7341	0.4342	0.8883	3.8880	3.1507	0.8665	1.3791
339	2.3071	2.0645	2.2346	1.7293	0.7177	2.1146	2.1976	2.3656	1.1551	2.7386	1.7713
340	2.0868	7.4568	1.7780	2.8642	0.9808	0.6568	1.3918	1.7912	6.6703	1.8572	2.6465
341	2.1951	1.4385	0.8715	2.2396	0.9921	0.4247	1.7072	1.8677	2.4463	0.5781	1.9583
342	3.2611	1.3367	1.6776	2.5246	1.2631	0.6018	0.9415	2.7208	1.3007	2.4646	2.9636
343	2.1944	6.3054	1.8609	1.5919	1.1759	0.7902	1.7446	2.1705	7.6199	1.6026	1.1846
344	2.6171	1.3496	2.2514	2.3129	1.1728	0.7083	1.1291	2.8068	1.2279	2.8653	2.1837
345	2.6634	1.8091	1.4239	1.4569	1.9204	0.8856	1.7875	2.4982	1.8957	2.2158	1.7035
346	3.2698	1.2113	2.3285	1.5093	1.5959	0.5452	1.0844	3.0199	1.6729	1.2840	1.1080
347	2.8210	2.8587	1.1914	1.9249	1.4340	1.1126	1.9637	2.8030	2.7694	2.6662	1.9207
348	2.4695	3.9102	1.2027	2.5873	2.3102	0.4611	1.4067	2.3821	3.6493	1.8808	2.9011
349	3.3886	1.8352	1.9039	1.9022	1.4926	0.5355	1.2121	2.9100	2.5512	2.4289	1.9794
350	2.7555	4.0089	1.5905	2.0804	0.8948	0.5581	1.1551	3.4018	3.5738	1.2069	3.3708
351	2.6030	2.7717	1.6827	2.4316	2.0233	1.2717	2.5191	2.8235	3.1755	1.5539	1.7785
352	4.1044	2.2479	2.1253	1.9062	3.7266	0.8649	2.5451	4.7449	1.9926	1.4394	2.4180
353	2.0373	1.7487	2.4751	2.0410	0.9742	0.3212	1.3094	1.7884	2.1205	1.8413	2.4299
354	2.1838	2.0798	1.5389	1.7278	1.7100	0.5477	2.0558	1.6244	2.5037	1.0914	1.3109
355	2.3675	1.3830	1.2845	2.7661	1.4498	1.4217	1.9414	2.7713	0.9680	1.5790	2.4728
356	3.1853	0.8250	1.9002	1.1384	0.6366	0.9830	1.2265	3.2059	1.0915	2.8215	1.1712
357	2.6325	1.4354	1.3913	1.6792	2.9328	0.5793	2.1125	2.2544	1.9518	2.0653	1.6730
358	2.4248	3.8531	1.8263	1.4709	2.2911	0.6982	2.0182	2.3802	3.3271	1.5807	1.4324
359	2.6211	2.8695	1.8924	2.2842	0.8972	0.7972	0.9165	1.6167	3.0506	0.8036	1.5049
360	2.7453	2.4592	1.3084	2.3059	3.2008	0.8535	2.2136	3.2873	2.4408	1.4269	3.1572
361	2.7959	1.4467	1.0482	3.4068	0.3670	0.8351	0.9457	2.3053	0.8329	0.6805	3.1723
362	1.7546	3.7669	1.6851	1.3612	0.9709	1.4632	1.5709	1.4104	3.6294	0.7954	1.4085
363	1.9113	2.7099	1.7963	1.9061	0.7537	0.9635	1.7648	2.5810	2.6297	2.0203	2.0496
364	3.1524	0.9753	1.7016	2.2134	3.0367	0.9576	2.6750	2.6978	0.4335	1.9922	2.6731
365	2.5557	2.1048	2.8835	2.9797	2.0176	1.5204	2.2502	2.3493	1.1277	3.3118	3.2348

TABLE V HOURLY MARKET PRICE FOR ONE YEAR

hour	energy	spinning	non-spinning	hour	energy	spinning	non-spinning
1	34.149	2.5832	2.0488	4369	34.149	2.5832	2.0488
2	29.226	2.6048	2.9377	4370	29.226	2.6048	2.9377
3	38.792	3.1665	2.8715	4371	38.792	3.1665	2.8715
4	30.28	4.0301	3.1109	4372	30.28	4.0301	3.1109
5	28.935	3.7448	2.5399	4373	28.935	3.7448	2.5399
6	25.928	2.3707	3.1872	4374	25.928	2.3707	3.1872
7	33.087	3.8226	2.7293	4375	33.087	3.8226	2.7293
8	28.58	3.3392	2.0744	4376	28.58	3.3392	2.0744

9	24.454	2.6902	2.6809	4377	24.454	2.6902	2.6809
10	39.091	3.126	2.5315	4378	39.091	3.126	2.5315
11	28.715	3.4817	3.1014	4379	28.715	3.4817	3.1014
12	28.424	3.2627	2.6751	4380	28.424	3.2627	2.6751
13	28.056	3.2763	2.4331	4381	28.056	3.2763	2.4331
14	40.371	3.1305	3.0407	4382	40.371	3.1305	3.0407
15	29.425	2.9108	2.3785	4383	29.425	2.9108	2.3785
16	33.054	3.0935	1.9253	4384	33.054	3.0935	1.9253
17	30.753	3.1408	2.2659	4385	30.753	3.1408	2.2659
18	26.59	3.3019	2.4914	4386	26.59	3.3019	2.4914
19	36.536	3.3883	2.6231	4387	36.536	3.3883	2.6231
20	34.99	3.0893	2.525	4388	34.99	3.0893	2.525
21	37.464	3.2016	2.6756	4389	37.464	3.2016	2.6756
22	30.256	3.3437	2.3474	4390	30.256	3.3437	2.3474
23	32.368	2.7827	3.1457	4391	32.368	2.7827	3.1457
24	29.253	3.8888	2.4008	4392	29.253	3.8888	2.4008
25	33.397	4.112	2.9919	4393	33.397	4.112	2.9919
26	32.831	2.9783	2.7462	4394	32.831	2.9783	2.7462
27	34.586	3.5204	2.7883	4395	34.586	3.5204	2.7883
28	34.404	3.2727	2.82	4396	34.404	3.2727	2.82
29	29.328	3.3171	2.7302	4397	29.328	3.3171	2.7302
30	32.328	2.7509	2.44	4398	32.328	2.7509	2.44
31	35.334	3.2917	2.2059	4399	35.334	3.2917	2.2059
32	32.943	3.3705	2.7401	4400	32.943	3.3705	2.7401
33	34.767	3.9462	2.5021	4401	34.767	3.9462	2.5021
34	27.034	3.2225	2.6389	4402	27.034	3.2225	2.6389
35	27.083	3.1563	2.5693	4403	27.083	3.1563	2.5693
36	25.999	3.3624	2.1863	4404	25.999	3.3624	2.1863
37	33.961	2.9715	2.458	4405	33.961	2.9715	2.458
38	28.676	3.2618	1.8932	4406	28.676	3.2618	1.8932
39	34.206	3.6654	2.7944	4407	34.206	3.6654	2.7944
40	25.19	3.9277	2.9535	4408	25.19	3.9277	2.9535
41	29.428	3.4719	2.4777	4409	29.428	3.4719	2.4777
42	25.262	3.8951	2.7524	4410	25.262	3.8951	2.7524
43	31.555	2.6277	2.5914	4411	31.555	2.6277	2.5914
44	26.129	3.5309	2.7677	4412	26.129	3.5309	2.7677
45	36.037	3.3934	2.2052	4413	36.037	3.3934	2.2052
46	34.768	3.6329	2.2172	4414	34.768	3.6329	2.2172
47	32.861	2.7242	2.1241	4415	32.861	2.7242	2.1241
48	30.859	3.5747	2.5513	4416	30.859	3.5747	2.5513
49	30.702	3.5975	2.909	4417	30.702	3.5975	2.909
50	26.139	2.7863	2.4522	4418	26.139	2.7863	2.4522
51	38.975	3.7151	2.5461	4419	38.975	3.7151	2.5461
52	25.779	2.4095	2.8962	4420	25.779	2.4095	2.8962
53	33.627	3.4902	3.2749	4421	33.627	3.4902	3.2749
54	33.663	2.9345	2.6621	4422	33.663	2.9345	2.6621
55	36.89	3.3938	2.8768	4423	36.89	3.3938	2.8768
56	30.809	3.0824	2.6845	4424	30.809	3.0824	2.6845
57	37.722	3.6174	2.4579	4425	37.722	3.6174	2.4579
58	37.976	2.6998	2.3925	4426	37.976	2.6998	2.3925
59	28.883	3.3864	2.9681	4427	28.883	3.3864	2.9681
60	39.134	3.648	2.8844	4428	39.134	3.648	2.8844
61	37.677	2.8478	2.2317	4429	37.677	2.8478	2.2317
62	30.176	3.6458	3.2105	4430	30.176	3.6458	3.2105
63	31.818	2.7964	3.1447	4431	31.818	2.7964	3.1447
64	29.584	3.2295	2.1213	4432	29.584	3.2295	2.1213
65	28.991	3.231	2.0222	4433	28.991	3.231	2.0222
66	33.269	3.3782	2.7442	4434	33.269	3.3782	2.7442
67	32.701	3.8401	3.0416	4435	32.701	3.8401	3.0416
68	38.606	3.4049	2.7152	4436	38.606	3.4049	2.7152
69	33.621	3.1603	2.998	4437	33.621	3.1603	2.998
70	33.417	2.9201	2.5105	4438	33.417	2.9201	2.5105
71	23.668	3.7947	2.1987	4439	23.668	3.7947	2.1987
72	26.471	3.281	2.346	4440	26.471	3.281	2.346
73	27.937	3.0864	2.6122	4441	27.937	3.0864	2.6122
74	28.489	3.4165	3.0063	4442	28.489	3.4165	3.0063
75	35.656	3.0452	2.5439	4443	35.656	3.0452	2.5439

76	32.459	3.4246	2.281	4444	32.459	3.4246	2.281
77	34.755	3.1955	2.6643	4445	34.755	3.1955	2.6643
78	36.737	3.1757	2.2068	4446	36.737	3.1757	2.2068
79	31.306	2.7857	2.5764	4447	31.306	2.7857	2.5764
80	30.987	3.71	2.6707	4448	30.987	3.71	2.6707
81	30.363	3.6637	2.6586	4449	30.363	3.6637	2.6586
82	29.086	3.6458	2.3491	4450	29.086	3.6458	2.3491
83	34.012	3.7189	2.8564	4451	34.012	3.7189	2.8564
84	29.842	2.8169	2.3473	4452	29.842	2.8169	2.3473
85	29.668	2.281	2.0745	4453	29.668	2.281	2.0745
86	22.325	2.5228	2.7839	4454	22.325	2.5228	2.7839
87	29.526	3.7878	2.7608	4455	29.526	3.7878	2.7608
88	35.956	4.0283	2.6477	4456	35.956	4.0283	2.6477
89	36.378	2.8343	2.8789	4457	36.378	2.8343	2.8789
90	35.928	3.0523	2.1	4458	35.928	3.0523	2.1
91	29.889	3.9384	2.2286	4459	29.889	3.9384	2.2286
92	36.511	3.5942	2.8029	4460	36.511	3.5942	2.8029
93	22.975	2.8939	2.6556	4461	22.975	2.8939	2.6556
94	29.113	3.6352	2.1306	4462	29.113	3.6352	2.1306
95	42.039	3.078	2.5496	4463	42.039	3.078	2.5496
96	33.651	3.9936	3.2422	4464	33.651	3.9936	3.2422
97	34.247	3.2087	2.5996	4465	34.247	3.2087	2.5996
98	31.125	3.8812	2.5336	4466	31.125	3.8812	2.5336
99	27.356	2.7407	2.0588	4467	27.356	2.7407	2.0588
100	37.638	2.686	2.4708	4468	37.638	2.686	2.4708
101	31.661	2.8361	2.4674	4469	31.661	2.8361	2.4674
102	33.781	3.4982	2.4858	4470	33.781	3.4982	2.4858
103	38.1	3.0112	3.6357	4471	38.1	3.0112	3.6357
104	35.718	3.4349	2.6181	4472	35.718	3.4349	2.6181
105	32.573	3.9082	3.0351	4473	32.573	3.9082	3.0351
106	34.206	2.9593	2.2386	4474	34.206	2.9593	2.2386
107	37.699	3.2104	2.1885	4475	37.699	3.2104	2.1885
108	28.745	3.898	2.5038	4476	28.745	3.898	2.5038
109	31.206	3.9917	2.3803	4477	31.206	3.9917	2.3803
110	33.028	2.5793	3.2004	4478	33.028	2.5793	3.2004
111	37.963	3.7365	2.8146	4479	37.963	3.7365	2.8146
112	32.729	2.7582	2.9763	4480	32.729	2.7582	2.9763
113	28.599	3.009	2.5676	4481	28.599	3.009	2.5676
114	28.349	2.7794	2.7883	4482	28.349	2.7794	2.7883
115	35.59	2.6775	2.4698	4483	35.59	2.6775	2.4698
116	37.475	3.3321	2.5524	4484	37.475	3.3321	2.5524
117	30.377	3.2581	2.3608	4485	30.377	3.2581	2.3608
118	39.248	3.7841	3.2778	4486	39.248	3.7841	3.2778
119	32.955	3.495	2.527	4487	32.955	3.495	2.527
120	33.011	2.4293	2.4808	4488	33.011	2.4293	2.4808
121	28.198	2.7932	2.3364	4489	28.198	2.7932	2.3364
122	34.519	3.3616	2.3801	4490	34.519	3.3616	2.3801
123	33.472	3.7265	2.2072	4491	33.472	3.7265	2.2072
124	36.03	3.5381	2.9666	4492	36.03	3.5381	2.9666
125	32.581	3.4944	1.9517	4493	32.581	3.4944	1.9517
126	26.366	3.5482	2.5933	4494	26.366	3.5482	2.5933
127	33.794	3.3807	2.4212	4495	33.794	3.3807	2.4212
128	33.757	2.4059	2.1671	4496	33.757	2.4059	2.1671
129	34.845	3.1213	2.3677	4497	34.845	3.1213	2.3677
130	36.473	3.0855	2.7944	4498	36.473	3.0855	2.7944
131	39.668	3.2792	2.4936	4499	39.668	3.2792	2.4936
132	41.758	3.4565	2.2959	4500	41.758	3.4565	2.2959
133	27.02	3.0726	2.3769	4501	27.02	3.0726	2.3769
134	31.277	3.1504	2.1185	4502	31.277	3.1504	2.1185
135	33.409	2.7024	2.2263	4503	33.409	2.7024	2.2263
136	42.715	3.0977	2.5284	4504	42.715	3.0977	2.5284
137	31.947	2.9768	2.4122	4505	31.947	2.9768	2.4122
138	30.638	3.7183	2.3547	4506	30.638	3.7183	2.3547
139	37.125	3.6012	2.1642	4507	37.125	3.6012	2.1642
140	37.543	3.2555	2.2742	4508	37.543	3.2555	2.2742
141	31.793	3.8832	2.1856	4509	31.793	3.8832	2.1856
142	33.603	2.5764	2.0388	4510	33.603	2.5764	2.0388

143	33.912	3.3115	2.9464	4511	33.912	3.3115	2.9464
144	35.573	4.6107	2.8689	4512	35.573	4.6107	2.8689
145	34.596	3.4312	3.0059	4513	34.596	3.4312	3.0059
146	34.528	3.7398	2.8915	4514	34.528	3.7398	2.8915
147	26.069	3.9177	2.5374	4515	26.069	3.9177	2.5374
148	33.451	3.6583	2.7256	4516	33.451	3.6583	2.7256
149	39.108	3.5001	2.8289	4517	39.108	3.5001	2.8289
150	31.188	2.9904	2.0662	4518	31.188	2.9904	2.0662
151	35.991	3.2624	2.1738	4519	35.991	3.2624	2.1738
152	36.835	3.3114	2.8706	4520	36.835	3.3114	2.8706
153	27.167	3.5092	2.8411	4521	27.167	3.5092	2.8411
154	36.549	3.6042	2.3592	4522	36.549	3.6042	2.3592
155	33.134	3.2185	2.4383	4523	33.134	3.2185	2.4383
156	31.346	2.4056	2.9027	4524	31.346	2.4056	2.9027
157	32.303	2.3006	2.4755	4525	32.303	2.3006	2.4755
158	36.33	3.8007	2.5597	4526	36.33	3.8007	2.5597
159	32.75	3.6282	2.684	4527	32.75	3.6282	2.684
160	32.203	3.5253	2.4335	4528	32.203	3.5253	2.4335
161	35.89	3.8798	2.2855	4529	35.89	3.8798	2.2855
162	32.659	3.425	2.9126	4530	32.659	3.425	2.9126
163	34.118	3.1782	2.2699	4531	34.118	3.1782	2.2699
164	30.94	3.7266	2.9494	4532	30.94	3.7266	2.9494
165	31.34	3.1845	2.6792	4533	31.34	3.1845	2.6792
166	36.827	3.0544	2.4341	4534	36.827	3.0544	2.4341
167	37.3	2.5592	1.9327	4535	37.3	2.5592	1.9327
168	29.994	3.1924	2.4037	4536	29.994	3.1924	2.4037
169	27.583	3.152	2.7732	4537	27.583	3.152	2.7732
170	25.13	3.0801	2.7588	4538	25.13	3.0801	2.7588
171	32.073	2.4547	2.0623	4539	32.073	2.4547	2.0623
172	40.449	2.9935	3.4102	4540	40.449	2.9935	3.4102
173	25.098	3.2485	2.3753	4541	25.098	3.2485	2.3753
174	35.942	3.73	2.7571	4542	35.942	3.73	2.7571
175	26.131	2.9068	2.6104	4543	26.131	2.9068	2.6104
176	33.811	3.3949	2.7946	4544	33.811	3.3949	2.7946
177	37.385	3.2776	2.8848	4545	37.385	3.2776	2.8848
178	34.218	2.9683	2.089	4546	34.218	2.9683	2.089
179	32.323	3.5609	2.5707	4547	32.323	3.5609	2.5707
180	39.55	2.9354	2.9258	4548	39.55	2.9354	2.9258
181	35.582	2.6108	2.4713	4549	35.582	2.6108	2.4713
182	33.1	3.048	2.6471	4550	33.1	3.048	2.6471
183	33.293	2.4833	2.194	4551	33.293	2.4833	2.194
184	33.535	2.71	2.4595	4552	33.535	2.71	2.4595
185	39.134	3.138	2.8827	4553	39.134	3.138	2.8827
186	36.186	3.4452	2.1717	4554	36.186	3.4452	2.1717
187	36.615	3.4228	2.9094	4555	36.615	3.4228	2.9094
188	33.811	3.0553	2.1237	4556	33.811	3.0553	2.1237
189	26.653	3.8988	3.4311	4557	26.653	3.8988	3.4311
190	30.675	3.2988	1.9565	4558	30.675	3.2988	1.9565
191	28.211	3.5371	2.2453	4559	28.211	3.5371	2.2453
192	36.633	3.3849	2.3013	4560	36.633	3.3849	2.3013
193	23.598	3.4808	2.5922	4561	23.598	3.4808	2.5922
194	38.247	3.4563	2.6602	4562	38.247	3.4563	2.6602
195	32.16	3.314	2.816	4563	32.16	3.314	2.816
196	31.376	2.9815	2.8773	4564	31.376	2.9815	2.8773
197	33.323	3.6817	2.1914	4565	33.323	3.6817	2.1914
198	26.697	3.6134	2.6805	4566	26.697	3.6134	2.6805
199	25.422	3.6884	2.3351	4567	25.422	3.6884	2.3351
200	29.026	4.1528	2.2195	4568	29.026	4.1528	2.2195
201	28.524	4.0691	2.4098	4569	28.524	4.0691	2.4098
202	35.379	3.1053	2.0355	4570	35.379	3.1053	2.0355
203	28.888	4.2478	2.5221	4571	28.888	4.2478	2.5221
204	27.683	3.2131	2.4391	4572	27.683	3.2131	2.4391
205	34.192	3.6895	3.066	4573	34.192	3.6895	3.066
206	31.903	3.5766	2.2031	4574	31.903	3.5766	2.2031
207	33.386	2.7721	2.3443	4575	33.386	2.7721	2.3443
208	31.643	3.959	2.9918	4576	31.643	3.959	2.9918
209	39.063	3.211	2.5499	4577	39.063	3.211	2.5499

210	30.617	4.0587	3.0592	4578	30.617	4.0587	3.0592
211	25.141	2.7943	2.6697	4579	25.141	2.7943	2.6697
212	29.425	3.2492	2.6713	4580	29.425	3.2492	2.6713
213	35.697	3.8612	2.6524	4581	35.697	3.8612	2.6524
214	31.04	3.1963	2.7659	4582	31.04	3.1963	2.7659
215	26.047	2.9503	2.9493	4583	26.047	2.9503	2.9493
216	33.939	2.8437	3.0206	4584	33.939	2.8437	3.0206
217	32.582	3.0777	2.6279	4585	32.582	3.0777	2.6279
218	28.187	3.1453	2.679	4586	28.187	3.1453	2.679
219	23.233	2.9008	2.2704	4587	23.233	2.9008	2.2704
220	35.029	2.9611	2.4869	4588	35.029	2.9611	2.4869
221	34.885	3.1994	2.6765	4589	34.885	3.1994	2.6765
222	34.344	2.9937	3.0899	4590	34.344	2.9937	3.0899
223	36.627	3.369	2.7205	4591	36.627	3.369	2.7205
224	28.619	3.6158	2.8226	4592	28.619	3.6158	2.8226
225	40.891	3.2538	2.9612	4593	40.891	3.2538	2.9612
226	24.801	2.9674	2.1649	4594	24.801	2.9674	2.1649
227	38.976	2.8669	2.5779	4595	38.976	2.8669	2.5779
228	26.616	3.5494	2.4373	4596	26.616	3.5494	2.4373
229	29.886	3.552	2.8674	4597	29.886	3.552	2.8674
230	27.661	3.9975	2.2945	4598	27.661	3.9975	2.2945
231	30.786	3.2389	2.9562	4599	30.786	3.2389	2.9562
232	33.671	3.1138	2.3886	4600	33.671	3.1138	2.3886
233	33.395	3.0799	2.7762	4601	33.395	3.0799	2.7762
234	28.929	3.2555	3.2017	4602	28.929	3.2555	3.2017
235	35.711	3.9364	2.787	4603	35.711	3.9364	2.787
236	25.877	3.4608	2.4809	4604	25.877	3.4608	2.4809
237	31.711	3.2083	2.0116	4605	31.711	3.2083	2.0116
238	34.844	3.4529	3.0447	4606	34.844	3.4529	3.0447
239	32.073	3.3206	2.579	4607	32.073	3.3206	2.579
240	40.847	2.738	2.2306	4608	40.847	2.738	2.2306
241	43.119	2.4229	2.2363	4609	43.119	2.4229	2.2363
242	29.936	3.344	2.4041	4610	29.936	3.344	2.4041
243	39.662	3.4275	2.7346	4611	39.662	3.4275	2.7346
244	30.722	3.6961	3.37	4612	30.722	3.6961	3.37
245	37.847	3.6033	2.6849	4613	37.847	3.6033	2.6849
246	26.642	2.6152	2.6027	4614	26.642	2.6152	2.6027
247	25.475	3.3498	2.4201	4615	25.475	3.3498	2.4201
248	28.868	2.7795	2.4647	4616	28.868	2.7795	2.4647
249	38.219	3.4042	2.61	4617	38.219	3.4042	2.61
250	31.911	3.4069	3.0077	4618	31.911	3.4069	3.0077
251	32.459	2.6778	2.5929	4619	32.459	2.6778	2.5929
252	26.964	2.6548	2.285	4620	26.964	2.6548	2.285
253	30.357	3.5587	2.2102	4621	30.357	3.5587	2.2102
254	32.707	3.0519	2.3556	4622	32.707	3.0519	2.3556
255	29.478	2.6786	2.5782	4623	29.478	2.6786	2.5782
256	33.22	3.2611	3.1911	4624	33.22	3.2611	3.1911
257	36.802	3.324	2.675	4625	36.802	3.324	2.675
258	30.057	3.5327	2.8399	4626	30.057	3.5327	2.8399
259	36.516	3.3108	2.5105	4627	36.516	3.3108	2.5105
260	28.441	2.5028	2.4553	4628	28.441	2.5028	2.4553
261	26.191	2.3509	2.6076	4629	26.191	2.3509	2.6076
262	35.322	3.7174	2.6369	4630	35.322	3.7174	2.6369
263	34.199	2.7091	2.831	4631	34.199	2.7091	2.831
264	33.417	3.328	2.5505	4632	33.417	3.328	2.5505
265	33.504	3.28	2.3309	4633	33.504	3.28	2.3309
266	32.027	2.7382	2.2787	4634	32.027	2.7382	2.2787
267	25.747	3.1962	1.8284	4635	25.747	3.1962	1.8284
268	28.342	2.8191	2.6272	4636	28.342	2.8191	2.6272
269	42.93	3.2848	3.0918	4637	42.93	3.2848	3.0918
270	32.204	3.5918	2.9077	4638	32.204	3.5918	2.9077
271	25.933	2.4491	2.0067	4639	25.933	2.4491	2.0067
272	30.311	2.3596	3.2473	4640	30.311	2.3596	3.2473
273	36.509	3.2865	2.9097	4641	36.509	3.2865	2.9097
274	35.471	2.4876	2.4133	4642	35.471	2.4876	2.4133
275	30.362	3.2069	2.2973	4643	30.362	3.2069	2.2973
276	32.547	3.7975	2.7355	4644	32.547	3.7975	2.7355

277	34.66	2.7378	3.1353	4645	34.66	2.7378	3.1353
278	33.531	2.8431	2.6012	4646	33.531	2.8431	2.6012
279	34.097	3.7891	2.6829	4647	34.097	3.7891	2.6829
280	34.267	3.1211	3.2938	4648	34.267	3.1211	3.2938
281	27.739	2.6201	2.1725	4649	27.739	2.6201	2.1725
282	25.713	3.6302	1.7279	4650	25.713	3.6302	1.7279
283	28.633	2.6725	2.8213	4651	28.633	2.6725	2.8213
284	33.293	3.5963	2.6874	4652	33.293	3.5963	2.6874
285	47.358	3.3884	2.8438	4653	47.358	3.3884	2.8438
286	35.666	2.9408	2.7566	4654	35.666	2.9408	2.7566
287	37.888	3.504	2.0149	4655	37.888	3.504	2.0149
288	22.118	2.8124	2.4778	4656	22.118	2.8124	2.4778
289	31.796	3.4428	2.8961	4657	31.796	3.4428	2.8961
290	32.71	3.5679	2.2863	4658	32.71	3.5679	2.2863
291	35.919	3.5955	2.8822	4659	35.919	3.5955	2.8822
292	28.964	3.9962	2.3338	4660	28.964	3.9962	2.3338
293	36.9	3.3882	3.2058	4661	36.9	3.3882	3.2058
294	27.727	3.6668	2.8543	4662	27.727	3.6668	2.8543
295	28.782	3.3154	2.9785	4663	28.782	3.3154	2.9785
296	26.476	2.4495	2.5628	4664	26.476	2.4495	2.5628
297	32.98	3.5115	2.6173	4665	32.98	3.5115	2.6173
298	33.062	3.4787	2.4738	4666	33.062	3.4787	2.4738
299	38.192	3.3821	3.1777	4667	38.192	3.3821	3.1777
300	32.82	2.7012	2.6229	4668	32.82	2.7012	2.6229
301	31.053	3.5923	2.7282	4669	31.053	3.5923	2.7282
302	31.853	2.5035	2.2891	4670	31.853	2.5035	2.2891
303	32.984	2.4087	2.386	4671	32.984	2.4087	2.386
304	25.226	3.347	2.1482	4672	25.226	3.347	2.1482
305	28.7	3.6786	3.2894	4673	28.7	3.6786	3.2894
306	31.152	3.107	2.6209	4674	31.152	3.107	2.6209
307	33.789	2.7768	1.9559	4675	33.789	2.7768	1.9559
308	34.811	3.0948	2.7237	4676	34.811	3.0948	2.7237
309	28.607	2.8228	2.6957	4677	28.607	2.8228	2.6957
310	29.022	2.9993	2.3474	4678	29.022	2.9993	2.3474
311	38.083	3.7457	2.3657	4679	38.083	3.7457	2.3657
312	37.46	3.0229	2.8238	4680	37.46	3.0229	2.8238
313	34.526	3.8208	2.3562	4681	34.526	3.8208	2.3562
314	32.42	3.0997	3.3003	4682	32.42	3.0997	3.3003
315	30.097	3.3367	2.8394	4683	30.097	3.3367	2.8394
316	31.891	3.3587	2.2111	4684	31.891	3.3587	2.2111
317	35.895	3.7561	2.7454	4685	35.895	3.7561	2.7454
318	28.939	2.6476	2.4816	4686	28.939	2.6476	2.4816
319	37.196	3.2474	1.7514	4687	37.196	3.2474	1.7514
320	29.834	3.8167	2.7334	4688	29.834	3.8167	2.7334
321	33.221	3.1807	1.9982	4689	33.221	3.1807	1.9982
322	42.592	2.8209	2.8407	4690	42.592	2.8209	2.8407
323	32.364	2.0056	2.3475	4691	32.364	2.0056	2.3475
324	35.152	2.4417	2.3167	4692	35.152	2.4417	2.3167
325	25.003	3.5738	2.8797	4693	25.003	3.5738	2.8797
326	36.548	2.5773	2.3771	4694	36.548	2.5773	2.3771
327	29.271	3.7782	2.9883	4695	29.271	3.7782	2.9883
328	37.949	3.2566	2.4097	4696	37.949	3.2566	2.4097
329	36.72	3.5986	2.8813	4697	36.72	3.5986	2.8813
330	41.409	3.551	2.3863	4698	41.409	3.551	2.3863
331	27.658	2.5196	2.8936	4699	27.658	2.5196	2.8936
332	30.048	2.9378	3.0706	4700	30.048	2.9378	3.0706
333	30.651	4.1946	2.8329	4701	30.651	4.1946	2.8329
334	35.526	4.1921	2.9124	4702	35.526	4.1921	2.9124
335	43.478	3.9132	2.6844	4703	43.478	3.9132	2.6844
336	27.243	3.4545	2.5554	4704	27.243	3.4545	2.5554
337	28.353	3.2218	2.4832	4705	28.353	3.2218	2.4832
338	39.382	2.6222	3.3496	4706	39.382	2.6222	3.3496
339	30.234	3.0467	2.7536	4707	30.234	3.0467	2.7536
340	36.36	3.9209	3.3077	4708	36.36	3.9209	3.3077
341	33.093	3.2568	2.7483	4709	33.093	3.2568	2.7483
342	38.472	3.344	3.0821	4710	38.472	3.344	3.0821
343	27.451	3.5398	2.0945	4711	27.451	3.5398	2.0945

344	27.65	3.9852	2.5192	4712	27.65	3.9852	2.5192
345	35.318	3.1215	2.3499	4713	35.318	3.1215	2.3499
346	37.631	3.0981	2.6867	4714	37.631	3.0981	2.6867
347	27.94	3.4378	2.419	4715	27.94	3.4378	2.419
348	34.523	3.4751	2.5684	4716	34.523	3.4751	2.5684
349	30.895	3.3325	2.1069	4717	30.895	3.3325	2.1069
350	29.383	3.2951	2.7595	4718	29.383	3.2951	2.7595
351	30.691	3.2387	3.0534	4719	30.691	3.2387	3.0534
352	39.588	2.3299	2.6304	4720	39.588	2.3299	2.6304
353	29.957	2.836	2.6259	4721	29.957	2.836	2.6259
354	31.69	3.9095	1.8684	4722	31.69	3.9095	1.8684
355	28.083	3.2106	2.7745	4723	28.083	3.2106	2.7745
356	33.729	3.987	2.8137	4724	33.729	3.987	2.8137
357	33.475	3.3807	2.5625	4725	33.475	3.3807	2.5625
358	25.521	2.3927	2.3901	4726	25.521	2.3927	2.3901
359	36.024	3.1144	2.4498	4727	36.024	3.1144	2.4498
360	32.601	3.5589	3.1752	4728	32.601	3.5589	3.1752
361	33.225	2.9618	2.7974	4729	33.225	2.9618	2.7974
362	27.863	3.5493	3.2138	4730	27.863	3.5493	3.2138
363	29.509	4.0747	2.8837	4731	29.509	4.0747	2.8837
364	30.155	3.3791	3.0456	4732	30.155	3.3791	3.0456
365	31.39	2.8602	2.681	4733	31.39	2.8602	2.681
366	28.26	2.3744	2.5936	4734	28.26	2.3744	2.5936
367	29.812	3.9968	2.9349	4735	29.812	3.9968	2.9349
368	32.302	3.1933	2.291	4736	32.302	3.1933	2.291
369	35.999	2.9951	2.609	4737	35.999	2.9951	2.609
370	28.758	2.7298	2.9745	4738	28.758	2.7298	2.9745
371	28.901	2.5745	2.7212	4739	28.901	2.5745	2.7212
372	32.181	2.9932	2.8221	4740	32.181	2.9932	2.8221
373	27.054	2.9586	2.246	4741	27.054	2.9586	2.246
374	29.312	3.3795	2.3012	4742	29.312	3.3795	2.3012
375	29.908	4.1614	2.816	4743	29.908	4.1614	2.816
376	33.838	3.3677	2.8937	4744	33.838	3.3677	2.8937
377	31.706	3.922	2.4153	4745	31.706	3.922	2.4153
378	42.528	3.3021	2.45	4746	42.528	3.3021	2.45
379	45.167	2.7472	2.7841	4747	45.167	2.7472	2.7841
380	39.053	3.068	2.4305	4748	39.053	3.068	2.4305
381	26.633	3.7238	2.7154	4749	26.633	3.7238	2.7154
382	26.978	3.1835	2.0721	4750	26.978	3.1835	2.0721
383	30.086	3.4576	2.6141	4751	30.086	3.4576	2.6141
384	40.092	3.1097	2.4561	4752	40.092	3.1097	2.4561
385	43.336	3.4087	2.8871	4753	43.336	3.4087	2.8871
386	40.648	3.5855	2.1686	4754	40.648	3.5855	2.1686
387	30.784	2.8648	2.6636	4755	30.784	2.8648	2.6636
388	37.894	2.632	2.3776	4756	37.894	2.632	2.3776
389	35.728	3.7289	3.1316	4757	35.728	3.7289	3.1316
390	19.696	3.8946	2.5491	4758	19.696	3.8946	2.5491
391	35.979	3.6627	2.9475	4759	35.979	3.6627	2.9475
392	42.743	2.8729	3.4215	4760	42.743	2.8729	3.4215
393	36.981	3.1848	3.8626	4761	36.981	3.1848	3.8626
394	28.112	2.7787	2.4963	4762	28.112	2.7787	2.4963
395	36.102	3.1296	3.0439	4763	36.102	3.1296	3.0439
396	26.248	3.6394	3.1091	4764	26.248	3.6394	3.1091
397	37.873	3.7365	3.2499	4765	37.873	3.7365	3.2499
398	46.462	4.136	2.862	4766	46.462	4.136	2.862
399	26.08	3.9742	2.8065	4767	26.08	3.9742	2.8065
400	37.254	3.356	2.328	4768	37.254	3.356	2.328
401	31.166	3.2655	2.7083	4769	31.166	3.2655	2.7083
402	27.106	3.7294	2.4194	4770	27.106	3.7294	2.4194
403	29.87	3.5264	1.7532	4771	29.87	3.5264	1.7532
404	43.576	2.9722	2.9266	4772	43.576	2.9722	2.9266
405	43.344	2.505	2.6214	4773	43.344	2.505	2.6214
406	30.157	3.2288	2.0448	4774	30.157	3.2288	2.0448
407	33.969	3.4319	2.6248	4775	33.969	3.4319	2.6248
408	30.426	4.3897	2.6045	4776	30.426	4.3897	2.6045
409	29.107	2.4378	2.5904	4777	29.107	2.4378	2.5904
410	26.758	2.9172	2.5721	4778	26.758	2.9172	2.5721

411	23.051	3.3935	3.5198	4779	23.051	3.3935	3.5198
412	38.075	3.6683	2.6065	4780	38.075	3.6683	2.6065
413	34.838	2.4936	3.088	4781	34.838	2.4936	3.088
414	38.994	3.2072	3.1245	4782	38.994	3.2072	3.1245
415	36.2	3.5253	2.2575	4783	36.2	3.5253	2.2575
416	38.314	3.5466	2.9499	4784	38.314	3.5466	2.9499
417	25.37	3.4476	2.2922	4785	25.37	3.4476	2.2922
418	39.896	4.0641	3.4669	4786	39.896	4.0641	3.4669
419	28.56	2.648	2.2684	4787	28.56	2.648	2.2684
420	42.766	2.8373	2.3566	4788	42.766	2.8373	2.3566
421	41.371	3.7724	3.142	4789	41.371	3.7724	3.142
422	40.123	2.7391	2.5654	4790	40.123	2.7391	2.5654
423	30.361	4.2121	1.7514	4791	30.361	4.2121	1.7514
424	36.455	2.5668	2.4383	4792	36.455	2.5668	2.4383
425	26.339	3.2503	2.804	4793	26.339	3.2503	2.804
426	33.01	3.1536	3.0252	4794	33.01	3.1536	3.0252
427	33.653	3.3089	2.7307	4795	33.653	3.3089	2.7307
428	26.186	3.656	2.3163	4796	26.186	3.656	2.3163
429	42.425	3.3076	1.8976	4797	42.425	3.3076	1.8976
430	44.354	3.3316	2.6612	4798	44.354	3.3316	2.6612
431	25.3	2.4609	2.0302	4799	25.3	2.4609	2.0302
432	43.137	3.7192	1.9786	4800	43.137	3.7192	1.9786
433	25.771	3.41	1.6452	4801	25.771	3.41	1.6452
434	35.342	3.4958	2.2285	4802	35.342	3.4958	2.2285
435	31.49	2.6901	2.1546	4803	31.49	2.6901	2.1546
436	29.36	3.7266	3.1971	4804	29.36	3.7266	3.1971
437	23.41	2.6183	3.1911	4805	23.41	2.6183	3.1911
438	33.427	3.4505	2.6414	4806	33.427	3.4505	2.6414
439	39.754	3.248	2.7837	4807	39.754	3.248	2.7837
440	30.723	2.7103	2.3297	4808	30.723	2.7103	2.3297
441	28.748	3.1094	3.026	4809	28.748	3.1094	3.026
442	42.576	3.7651	2.1155	4810	42.576	3.7651	2.1155
443	42.373	3.6717	2.1201	4811	42.373	3.6717	2.1201
444	29.804	2.499	3.251	4812	29.804	2.499	3.251
445	39.05	2.9418	2.7683	4813	39.05	2.9418	2.7683
446	37.874	3.0614	2.2166	4814	37.874	3.0614	2.2166
447	30.117	3.2463	2.1371	4815	30.117	3.2463	2.1371
448	25.107	2.4387	1.9188	4816	25.107	2.4387	1.9188
449	26.019	3.1888	2.3687	4817	26.019	3.1888	2.3687
450	22.795	3.4162	2.8122	4818	22.795	3.4162	2.8122
451	36.641	2.4402	2.7222	4819	36.641	2.4402	2.7222
452	37.391	2.7466	3.1906	4820	37.391	2.7466	3.1906
453	40.359	3.8702	2.3155	4821	40.359	3.8702	2.3155
454	38.033	3.4297	2.302	4822	38.033	3.4297	2.302
455	22.979	3.667	3.1177	4823	22.979	3.667	3.1177
456	35.826	3.691	3.2737	4824	35.826	3.691	3.2737
457	29.801	2.9434	2.3976	4825	29.801	2.9434	2.3976
458	30.348	2.0167	2.7806	4826	30.348	2.0167	2.7806
459	34.975	2.7408	1.6817	4827	34.975	2.7408	1.6817
460	26.005	2.6454	2.4286	4828	26.005	2.6454	2.4286
461	38.368	3.6181	2.8153	4829	38.368	3.6181	2.8153
462	33.12	2.9892	2.9734	4830	33.12	2.9892	2.9734
463	30.675	3.5814	2.3356	4831	30.675	3.5814	2.3356
464	30.836	4.7117	3.2317	4832	30.836	4.7117	3.2317
465	24.541	3.7243	2.7197	4833	24.541	3.7243	2.7197
466	39.82	3.4489	1.8792	4834	39.82	3.4489	1.8792
467	34.8	2.5582	2.1239	4835	34.8	2.5582	2.1239
468	33.01	2.4872	2.4509	4836	33.01	2.4872	2.4509
469	27.725	3.9546	2.576	4837	27.725	3.9546	2.576
470	25.995	3.4456	3.0536	4838	25.995	3.4456	3.0536
471	34.646	2.5121	3.2215	4839	34.646	2.5121	3.2215
472	22.962	3.2527	2.147	4840	22.962	3.2527	2.147
473	41.9	3.1607	2.3395	4841	41.9	3.1607	2.3395
474	35.915	2.9252	3.2286	4842	35.915	2.9252	3.2286
475	33.193	3.9868	2.9655	4843	33.193	3.9868	2.9655
476	34.965	2.9624	2.4289	4844	34.965	2.9624	2.4289
477	36.766	4.1169	3.3393	4845	36.766	4.1169	3.3393

478	29.494	2.6128	3.1123	4846	29.494	2.6128	3.1123
479	34.203	3.9526	3.0826	4847	34.203	3.9526	3.0826
480	19.842	3.4585	2.1035	4848	19.842	3.4585	2.1035
481	35.984	4.1546	2.6714	4849	35.984	4.1546	2.6714
482	32.322	3.3118	2.7286	4850	32.322	3.3118	2.7286
483	31.888	3.8788	1.255	4851	31.888	3.8788	1.255
484	33.977	2.8231	2.6846	4852	33.977	2.8231	2.6846
485	30.469	2.8747	2.1582	4853	30.469	2.8747	2.1582
486	25.688	3.2976	2.5103	4854	25.688	3.2976	2.5103
487	18.075	2.2456	3.1404	4855	18.075	2.2456	3.1404
488	36.848	2.7653	3.5029	4856	36.848	2.7653	3.5029
489	35.544	3.5413	2.9193	4857	35.544	3.5413	2.9193
490	36.627	4.2858	1.6385	4858	36.627	4.2858	1.6385
491	27.682	3.2443	2.5194	4859	27.682	3.2443	2.5194
492	21.141	4.0171	2.5805	4860	21.141	4.0171	2.5805
493	32.537	3.4231	1.8931	4861	32.537	3.4231	1.8931
494	33.562	3.2663	1.8585	4862	33.562	3.2663	1.8585
495	37.65	3.5701	2.4712	4863	37.65	3.5701	2.4712
496	31.089	4.0442	2.6715	4864	31.089	4.0442	2.6715
497	41.677	3.7467	3.121	4865	41.677	3.7467	3.121
498	23.922	2.8849	2.5087	4866	23.922	2.8849	2.5087
499	34.075	3.226	2.8145	4867	34.075	3.226	2.8145
500	25.74	3.2656	2.9983	4868	25.74	3.2656	2.9983
501	32.309	3.1158	2.6333	4869	32.309	3.1158	2.6333
502	26.665	3.3501	2.417	4870	26.665	3.3501	2.417
503	36.523	2.5787	3.0498	4871	36.523	2.5787	3.0498
504	26.32	3.0891	2.4845	4872	26.32	3.0891	2.4845
505	31.53	2.4406	3.5506	4873	31.53	2.4406	3.5506
506	38.583	2.786	1.9313	4874	38.583	2.786	1.9313
507	31.732	2.6962	2.7198	4875	31.732	2.6962	2.7198
508	29.319	3.298	2.0039	4876	29.319	3.298	2.0039
509	24.144	4.2309	3.1704	4877	24.144	4.2309	3.1704
510	38.436	4.3829	2.6992	4878	38.436	4.3829	2.6992
511	28.783	3.3047	3.0943	4879	28.783	3.3047	3.0943
512	24.09	3.1142	2.9461	4880	24.09	3.1142	2.9461
513	42.233	3.9268	2.7903	4881	42.233	3.9268	2.7903
514	29.381	2.8991	2.6005	4882	29.381	2.8991	2.6005
515	20.052	2.891	2.4721	4883	20.052	2.891	2.4721
516	27.014	3.3889	2.377	4884	27.014	3.3889	2.377
517	28.504	5.0696	2.3354	4885	28.504	5.0696	2.3354
518	34.165	3.1382	3.1131	4886	34.165	3.1382	3.1131
519	27.068	2.7808	2.4607	4887	27.068	2.7808	2.4607
520	31.312	3.691	2.5489	4888	31.312	3.691	2.5489
521	33.532	2.5405	2.57	4889	33.532	2.5405	2.57
522	30.507	4.0255	3.0283	4890	30.507	4.0255	3.0283
523	37.336	2.9271	2.2016	4891	37.336	2.9271	2.2016
524	36.052	2.7908	2.137	4892	36.052	2.7908	2.137
525	35.832	2.4495	2.3472	4893	35.832	2.4495	2.3472
526	30.082	2.7161	2.4887	4894	30.082	2.7161	2.4887
527	37.623	3.0108	2.9256	4895	37.623	3.0108	2.9256
528	27.214	2.8558	2.5501	4896	27.214	2.8558	2.5501
529	28.992	3.2669	2.445	4897	28.992	3.2669	2.445
530	34.953	3.6034	2.7468	4898	34.953	3.6034	2.7468
531	36.382	3.7547	3.2602	4899	36.382	3.7547	3.2602
532	27.49	3.4329	3.0693	4900	27.49	3.4329	3.0693
533	36.442	3.2622	2.0442	4901	36.442	3.2622	2.0442
534	23.231	2.996	3.1762	4902	23.231	2.996	3.1762
535	26.312	3.0253	2.8587	4903	26.312	3.0253	2.8587
536	29.504	3.4745	1.7627	4904	29.504	3.4745	1.7627
537	29.859	4.4595	2.746	4905	29.859	4.4595	2.746
538	33.229	2.0987	2.9458	4906	33.229	2.0987	2.9458
539	33.379	3.6507	2.5652	4907	33.379	3.6507	2.5652
540	34.693	2.5937	3.1769	4908	34.693	2.5937	3.1769
541	30.534	2.3638	2.9497	4909	30.534	2.3638	2.9497
542	19.706	2.4222	1.81	4910	19.706	2.4222	1.81
543	27.685	2.8446	2.6482	4911	27.685	2.8446	2.6482
544	36.904	2.9518	2.6492	4912	36.904	2.9518	2.6492

545	38.477	3.8822	3.0821	4913	38.477	3.8822	3.0821
546	31.106	3.8633	2.8654	4914	31.106	3.8633	2.8654
547	32.192	3.7238	3.1116	4915	32.192	3.7238	3.1116
548	40.013	2.8267	2.6504	4916	40.013	2.8267	2.6504
549	31.023	3.2768	2.6118	4917	31.023	3.2768	2.6118
550	35.718	2.7275	2.2399	4918	35.718	2.7275	2.2399
551	37.832	4.166	3.1017	4919	37.832	4.166	3.1017
552	27.614	3.9863	1.7794	4920	27.614	3.9863	1.7794
553	45.951	3.697	3.8499	4921	45.951	3.697	3.8499
554	28.561	2.842	2.677	4922	28.561	2.842	2.677
555	43.405	4.2978	2.818	4923	43.405	4.2978	2.818
556	28.285	3.0788	1.9977	4924	28.285	3.0788	1.9977
557	15.671	2.6485	1.9189	4925	15.671	2.6485	1.9189
558	31.994	2.8815	3.4947	4926	31.994	2.8815	3.4947
559	33.824	3.4111	3.128	4927	33.824	3.4111	3.128
560	32.306	3.7176	2.5333	4928	32.306	3.7176	2.5333
561	33.633	3.9162	2.944	4929	33.633	3.9162	2.944
562	35.763	3.4054	2.2859	4930	35.763	3.4054	2.2859
563	29.983	3.5253	2.9335	4931	29.983	3.5253	2.9335
564	26.159	3.6717	2.5784	4932	26.159	3.6717	2.5784
565	23.799	3.0758	2.1618	4933	23.799	3.0758	2.1618
566	28.765	3.4739	3.2015	4934	28.765	3.4739	3.2015
567	28.642	3.0851	2.388	4935	28.642	3.0851	2.388
568	29.866	3.32	2.8464	4936	29.866	3.32	2.8464
569	46.086	2.6982	1.8667	4937	46.086	2.6982	1.8667
570	25.611	2.2932	2.4753	4938	25.611	2.2932	2.4753
571	27.611	1.5717	2.6173	4939	27.611	1.5717	2.6173
572	37.465	2.9354	3.175	4940	37.465	2.9354	3.175
573	44.96	3.2957	2.3072	4941	44.96	3.2957	2.3072
574	38.024	3.1583	2.6046	4942	38.024	3.1583	2.6046
575	27.326	3.2812	2.7056	4943	27.326	3.2812	2.7056
576	37.055	3.8674	2.5314	4944	37.055	3.8674	2.5314
577	29.931	1.9384	2.458	4945	29.931	1.9384	2.458
578	25.133	3.4106	2.1534	4946	25.133	3.4106	2.1534
579	38.316	2.5664	2.483	4947	38.316	2.5664	2.483
580	39.114	2.3341	2.8332	4948	39.114	2.3341	2.8332
581	34.261	3.3335	2.6334	4949	34.261	3.3335	2.6334
582	25.751	4.0518	3.714	4950	25.751	4.0518	3.714
583	38.753	1.8272	2.7081	4951	38.753	1.8272	2.7081
584	32.695	3.5185	2.7539	4952	32.695	3.5185	2.7539
585	30.217	2.4645	1.9418	4953	30.217	2.4645	1.9418
586	42.166	2.7623	3.0406	4954	42.166	2.7623	3.0406
587	40.195	4.1708	2.9923	4955	40.195	4.1708	2.9923
588	34.207	2.7812	3.0581	4956	34.207	2.7812	3.0581
589	28.341	3.2647	2.9764	4957	28.341	3.2647	2.9764
590	30.762	2.7929	1.9996	4958	30.762	2.7929	1.9996
591	37.93	3.8732	2.3603	4959	37.93	3.8732	2.3603
592	34.437	3.9657	1.5999	4960	34.437	3.9657	1.5999
593	30.325	2.9598	2.8529	4961	30.325	2.9598	2.8529
594	29.631	4.0568	2.7764	4962	29.631	4.0568	2.7764
595	39.992	3.8363	2.0058	4963	39.992	3.8363	2.0058
596	29.988	3.8202	2.0078	4964	29.988	3.8202	2.0078
597	29.538	3.4873	2.2549	4965	29.538	3.4873	2.2549
598	39.648	2.3615	2.5656	4966	39.648	2.3615	2.5656
599	40.049	2.8775	2.7985	4967	40.049	2.8775	2.7985
600	35.981	3.9036	2.4673	4968	35.981	3.9036	2.4673
601	34.199	3.2794	3.0262	4969	34.199	3.2794	3.0262
602	33.65	3.806	2.3019	4970	33.65	3.806	2.3019
603	22.137	2.8065	2.3975	4971	22.137	2.8065	2.3975
604	37.261	2.1551	2.3198	4972	37.261	2.1551	2.3198
605	19.209	2.0473	1.3706	4973	19.209	2.0473	1.3706
606	34.025	2.9678	2.5882	4974	34.025	2.9678	2.5882
607	21.046	4.0659	2.6734	4975	21.046	4.0659	2.6734
608	35.69	3.823	2.5828	4976	35.69	3.823	2.5828
609	34.055	3.6296	2.4869	4977	34.055	3.6296	2.4869
610	30.115	2.9377	3.216	4978	30.115	2.9377	3.216
611	33.652	2.8864	1.7729	4979	33.652	2.8864	1.7729

612	22.375	3.6141	2.5064	4980	22.375	3.6141	2.5064
613	28.463	3.5089	1.8974	4981	28.463	3.5089	1.8974
614	29.395	3.3707	2.378	4982	29.395	3.3707	2.378
615	28.775	2.8077	2.9074	4983	28.775	2.8077	2.9074
616	35.041	3.3895	2.895	4984	35.041	3.3895	2.895
617	34.662	3.5478	3.6706	4985	34.662	3.5478	3.6706
618	35.468	3.5555	1.7308	4986	35.468	3.5555	1.7308
619	33.731	3.485	1.8913	4987	33.731	3.485	1.8913
620	25.165	3.323	2.6071	4988	25.165	3.323	2.6071
621	16.918	4.211	2.9036	4989	16.918	4.211	2.9036
622	36.649	3.6769	3.1325	4990	36.649	3.6769	3.1325
623	23.82	3.7536	2.446	4991	23.82	3.7536	2.446
624	30.299	3.1103	1.4925	4992	30.299	3.1103	1.4925
625	20.012	2.6092	2.5277	4993	20.012	2.6092	2.5277
626	32.042	3.3167	1.4678	4994	32.042	3.3167	1.4678
627	37.933	2.5481	2.2519	4995	37.933	2.5481	2.2519
628	37.199	4.5353	3.1669	4996	37.199	4.5353	3.1669
629	28.621	3.2288	3.4124	4997	28.621	3.2288	3.4124
630	35.46	3.0024	2.9078	4998	35.46	3.0024	2.9078
631	38.789	3.7594	3.1864	4999	38.789	3.7594	3.1864
632	39.745	4.3471	3.1448	5000	39.745	4.3471	3.1448
633	31.727	2.7741	1.8526	5001	31.727	2.7741	1.8526
634	33.55	4.3963	2.3681	5002	33.55	4.3963	2.3681
635	30.07	3.8811	2.7093	5003	30.07	3.8811	2.7093
636	37.101	3.8579	2.548	5004	37.101	3.8579	2.548
637	26.315	4.2416	2.8939	5005	26.315	4.2416	2.8939
638	43.682	3.2474	2.7812	5006	43.682	3.2474	2.7812
639	22.246	2.4204	3.0055	5007	22.246	2.4204	3.0055
640	32.52	3.7564	2.2064	5008	32.52	3.7564	2.2064
641	36.001	3.4639	2.8325	5009	36.001	3.4639	2.8325
642	28.945	3.1425	2.9368	5010	28.945	3.1425	2.9368
643	31.444	3.8342	2.4223	5011	31.444	3.8342	2.4223
644	33.593	2.6083	2.7686	5012	33.593	2.6083	2.7686
645	32.527	3.0727	2.3881	5013	32.527	3.0727	2.3881
646	33.838	3.1459	2.9685	5014	33.838	3.1459	2.9685
647	31.399	2.6044	3.1164	5015	31.399	2.6044	3.1164
648	36.221	3.2436	2.9584	5016	36.221	3.2436	2.9584
649	30.672	2.8033	2.5488	5017	30.672	2.8033	2.5488
650	27.73	3.2131	2.8721	5018	27.73	3.2131	2.8721
651	37.512	3.4782	3.7595	5019	37.512	3.4782	3.7595
652	29.913	4.8051	1.8146	5020	29.913	4.8051	1.8146
653	24.479	3.2332	2.9644	5021	24.479	3.2332	2.9644
654	27.226	3.1041	2.2062	5022	27.226	3.1041	2.2062
655	31.05	2.8099	2.0595	5023	31.05	2.8099	2.0595
656	28.069	2.8977	2.8294	5024	28.069	2.8977	2.8294
657	37.166	3.935	2.2939	5025	37.166	3.935	2.2939
658	39.93	3.4605	2.4345	5026	39.93	3.4605	2.4345
659	30.592	2.4002	3.218	5027	30.592	2.4002	3.218
660	26.113	3.0377	2.4797	5028	26.113	3.0377	2.4797
661	37.837	3.739	2.775	5029	37.837	3.739	2.775
662	39.458	2.7065	3.1996	5030	39.458	2.7065	3.1996
663	42.872	4.099	2.3637	5031	42.872	4.099	2.3637
664	31.435	2.8639	3.0018	5032	31.435	2.8639	3.0018
665	15.942	3.1815	2.5914	5033	15.942	3.1815	2.5914
666	36.38	3.3829	2.2201	5034	36.38	3.3829	2.2201
667	31.24	2.9433	3.055	5035	31.24	2.9433	3.055
668	37.129	3.3284	1.6463	5036	37.129	3.3284	1.6463
669	34.597	2.9795	1.8908	5037	34.597	2.9795	1.8908
670	34.226	3.003	3.1687	5038	34.226	3.003	3.1687
671	28.516	3.1385	2.8051	5039	28.516	3.1385	2.8051
672	38.52	2.9723	2.8787	5040	38.52	2.9723	2.8787
673	26.585	3.4209	1.769	5041	26.585	3.4209	1.769
674	36.552	3.5876	2.362	5042	36.552	3.5876	2.362
675	35.129	3.1985	1.6714	5043	35.129	3.1985	1.6714
676	33.628	3.3251	3.1284	5044	33.628	3.3251	3.1284
677	38.748	3.0803	2.904	5045	38.748	3.0803	2.904
678	31.944	4.129	2.701	5046	31.944	4.129	2.701

679	26.4	3.0114	1.9015	5047	26.4	3.0114	1.9015
680	34.158	4.1203	2.7452	5048	34.158	4.1203	2.7452
681	37.996	3.5015	2.7541	5049	37.996	3.5015	2.7541
682	35.162	3.0817	2.5163	5050	35.162	3.0817	2.5163
683	24.564	4.1405	2.2902	5051	24.564	4.1405	2.2902
684	33.75	3.3861	3.4419	5052	33.75	3.3861	3.4419
685	40.4	2.3709	2.0096	5053	40.4	2.3709	2.0096
686	34.281	2.9121	2.3121	5054	34.281	2.9121	2.3121
687	28.99	3.8566	3.0339	5055	28.99	3.8566	3.0339
688	35.961	3.4506	2.2981	5056	35.961	3.4506	2.2981
689	36.279	2.22	2.0541	5057	36.279	2.22	2.0541
690	32.401	3.1542	3.0079	5058	32.401	3.1542	3.0079
691	16.021	2.5207	3.2632	5059	16.021	2.5207	3.2632
692	27.214	3.5323	3.1347	5060	27.214	3.5323	3.1347
693	30.98	3.3463	3.8375	5061	30.98	3.3463	3.8375
694	42.354	3.4021	1.4697	5062	42.354	3.4021	1.4697
695	33.272	3.2841	2.4448	5063	33.272	3.2841	2.4448
696	30.905	3.4211	2.5739	5064	30.905	3.4211	2.5739
697	31.448	2.08	1.6399	5065	31.448	2.08	1.6399
698	38.394	4.1315	2.6565	5066	38.394	4.1315	2.6565
699	32.474	4.1929	3.575	5067	32.474	4.1929	3.575
700	39.77	3.1796	2.0634	5068	39.77	3.1796	2.0634
701	37.814	3.679	2.9377	5069	37.814	3.679	2.9377
702	28.494	3.4315	2.5579	5070	28.494	3.4315	2.5579
703	29.487	3.5925	2.958	5071	29.487	3.5925	2.958
704	19.968	3.0149	1.7965	5072	19.968	3.0149	1.7965
705	52.304	3.0383	2.5641	5073	52.304	3.0383	2.5641
706	34.899	3.6858	3.1854	5074	34.899	3.6858	3.1854
707	41.583	2.0634	2.1415	5075	41.583	2.0634	2.1415
708	25.652	3.4053	2.7446	5076	25.652	3.4053	2.7446
709	36.574	3.0091	2.3112	5077	36.574	3.0091	2.3112
710	11.089	3.0417	2.5392	5078	11.089	3.0417	2.5392
711	22.59	4.0454	2.2378	5079	22.59	4.0454	2.2378
712	37.259	4.4144	2.3937	5080	37.259	4.4144	2.3937
713	34.523	2.4408	2.3844	5081	34.523	2.4408	2.3844
714	31.472	2.0589	2.1337	5082	31.472	2.0589	2.1337
715	22.642	3.0879	2.8606	5083	22.642	3.0879	2.8606
716	42.551	4.1415	3.0859	5084	42.551	4.1415	3.0859
717	33.081	2.8227	1.9837	5085	33.081	2.8227	1.9837
718	26.085	3.4681	1.5933	5086	26.085	3.4681	1.5933
719	37.915	4.0475	3.1541	5087	37.915	4.0475	3.1541
720	41.236	2.778	2.4026	5088	41.236	2.778	2.4026
721	30.923	3.2154	2.9986	5089	30.923	3.2154	2.9986
722	32.421	3.2178	2.2807	5090	32.421	3.2178	2.2807
723	37.793	2.7651	3.5853	5091	37.793	2.7651	3.5853
724	33.474	2.6368	2.2413	5092	33.474	2.6368	2.2413
725	29.019	3.1362	2.9969	5093	29.019	3.1362	2.9969
726	30.749	3.9256	2.4978	5094	30.749	3.9256	2.4978
727	33.815	3.7803	3.1574	5095	33.815	3.7803	3.1574
728	34.157	3.6605	2.7043	5096	34.157	3.6605	2.7043
729	34.483	2.9257	3.3595	5097	34.483	2.9257	3.3595
730	35.723	2.9993	2.3828	5098	35.723	2.9993	2.3828
731	26.667	2.6983	1.9936	5099	26.667	2.6983	1.9936
732	23.482	2.8237	2.1184	5100	23.482	2.8237	2.1184
733	42.033	3.4556	2.5738	5101	42.033	3.4556	2.5738
734	37.603	2.7227	3.5044	5102	37.603	2.7227	3.5044
735	36.737	3.65	1.9598	5103	36.737	3.65	1.9598
736	36.138	2.1953	2.1464	5104	36.138	2.1953	2.1464
737	32.604	3.1223	2.4438	5105	32.604	3.1223	2.4438
738	38.351	3.3634	2.5101	5106	38.351	3.3634	2.5101
739	34.01	2.7938	1.825	5107	34.01	2.7938	1.825
740	35.14	3.6015	2.4589	5108	35.14	3.6015	2.4589
741	31.473	3.7001	2.2186	5109	31.473	3.7001	2.2186
742	37.504	2.8605	2.0473	5110	37.504	2.8605	2.0473
743	33.055	2.0624	2.729	5111	33.055	2.0624	2.729
744	35.638	3.153	2.4003	5112	35.638	3.153	2.4003
745	28.569	3.9401	2.015	5113	28.569	3.9401	2.015

746	30.216	3.4032	2.4136	5114	30.216	3.4032	2.4136
747	31.128	2.7395	1.9687	5115	31.128	2.7395	1.9687
748	31.577	3.4251	2.5541	5116	31.577	3.4251	2.5541
749	38.546	3.4388	2.2741	5117	38.546	3.4388	2.2741
750	34.436	3.6758	2.6849	5118	34.436	3.6758	2.6849
751	36.887	4.3868	2.9642	5119	36.887	4.3868	2.9642
752	33.183	3.3871	1.4971	5120	33.183	3.3871	1.4971
753	33.282	2.5025	2.6836	5121	33.282	2.5025	2.6836
754	46.53	3.2346	2.7288	5122	46.53	3.2346	2.7288
755	40.539	2.3432	2.055	5123	40.539	2.3432	2.055
756	29.275	3.165	1.7401	5124	29.275	3.165	1.7401
757	41.961	3.5866	3.5399	5125	41.961	3.5866	3.5399
758	29.955	3.4193	3.3149	5126	29.955	3.4193	3.3149
759	29.807	4.1574	2.8835	5127	29.807	4.1574	2.8835
760	26.563	3.7203	2.8135	5128	26.563	3.7203	2.8135
761	35.087	2.8038	2.7273	5129	35.087	2.8038	2.7273
762	37.497	2.8787	2.5459	5130	37.497	2.8787	2.5459
763	34.054	3.6123	2.9955	5131	34.054	3.6123	2.9955
764	32.33	3.7311	2.8622	5132	32.33	3.7311	2.8622
765	29.715	4.2457	2.8949	5133	29.715	4.2457	2.8949
766	31.652	3.4027	3.7907	5134	31.652	3.4027	3.7907
767	41.238	3.7323	2.6483	5135	41.238	3.7323	2.6483
768	19.432	3.8792	2.6227	5136	19.432	3.8792	2.6227
769	23.631	2.8041	2.0295	5137	23.631	2.8041	2.0295
770	48.542	2.4278	2.8482	5138	48.542	2.4278	2.8482
771	31.777	3.4746	2.044	5139	31.777	3.4746	2.044
772	27.35	3.5036	1.9737	5140	27.35	3.5036	1.9737
773	26.689	4.0695	1.5708	5141	26.689	4.0695	1.5708
774	42.911	3.6154	2.7217	5142	42.911	3.6154	2.7217
775	30.037	3.4172	2.4487	5143	30.037	3.4172	2.4487
776	35.404	2.912	1.4954	5144	35.404	2.912	1.4954
777	33.975	2.3914	1.9923	5145	33.975	2.3914	1.9923
778	33.232	1.7491	2.935	5146	33.232	1.7491	2.935
779	31.174	3.1143	2.2853	5147	31.174	3.1143	2.2853
780	26.353	3.483	2.5425	5148	26.353	3.483	2.5425
781	35.458	3.5504	2.8514	5149	35.458	3.5504	2.8514
782	31.879	2.6817	2.2797	5150	31.879	2.6817	2.2797
783	29.754	2.5089	2.7104	5151	29.754	2.5089	2.7104
784	27.936	2.9404	2.6999	5152	27.936	2.9404	2.6999
785	26.133	4.0553	2.5568	5153	26.133	4.0553	2.5568
786	37.628	3.7598	3.334	5154	37.628	3.7598	3.334
787	42.383	3.0635	2.8231	5155	42.383	3.0635	2.8231
788	31.339	2.1417	2.548	5156	31.339	2.1417	2.548
789	29.972	3.4786	3.1119	5157	29.972	3.4786	3.1119
790	36.689	2.8362	1.9498	5158	36.689	2.8362	1.9498
791	40.428	3.8608	2.1101	5159	40.428	3.8608	2.1101
792	32.63	3.6158	3.0537	5160	32.63	3.6158	3.0537
793	33.039	4.7786	2.2799	5161	33.039	4.7786	2.2799
794	31.05	3.107	1.9045	5162	31.05	3.107	1.9045
795	26.629	2.8791	3.0467	5163	26.629	2.8791	3.0467
796	28.293	2.1292	2.0582	5164	28.293	2.1292	2.0582
797	35.334	2.092	2.8095	5165	35.334	2.092	2.8095
798	31.563	2.7426	1.9871	5166	31.563	2.7426	1.9871
799	43.412	3.9118	3.3993	5167	43.412	3.9118	3.3993
800	22.527	3.5863	3.4249	5168	22.527	3.5863	3.4249
801	28.805	2.602	1.9955	5169	28.805	2.602	1.9955
802	24.545	4.064	2.4544	5170	24.545	4.064	2.4544
803	29.64	2.1476	3.4252	5171	29.64	2.1476	3.4252
804	24.946	3.4633	1.8284	5172	24.946	3.4633	1.8284
805	33.918	3.3504	2.8879	5173	33.918	3.3504	2.8879
806	41.057	4.2904	2.2313	5174	41.057	4.2904	2.2313
807	35.515	3.5184	2.3886	5175	35.515	3.5184	2.3886
808	39.341	3.4667	2.3983	5176	39.341	3.4667	2.3983
809	25.967	3.0459	3.1118	5177	25.967	3.0459	3.1118
810	20.87	3.0575	2.9535	5178	20.87	3.0575	2.9535
811	33.602	3.6278	2.571	5179	33.602	3.6278	2.571
812	26.356	3.0165	3.6815	5180	26.356	3.0165	3.6815

813	44.424	3.2035	3.273	5181	44.424	3.2035	3.273
814	41.311	3.1856	3.0737	5182	41.311	3.1856	3.0737
815	36.23	3.0951	2.6347	5183	36.23	3.0951	2.6347
816	41.266	3.8947	2.4764	5184	41.266	3.8947	2.4764
817	28.637	4.1373	1.7758	5185	28.637	4.1373	1.7758
818	22.691	2.8321	1.7906	5186	22.691	2.8321	1.7906
819	20.5	3.335	2.4418	5187	20.5	3.335	2.4418
820	33.662	3.7501	3.0835	5188	33.662	3.7501	3.0835
821	39.123	3.9129	2.075	5189	39.123	3.9129	2.075
822	27.473	2.9251	3.1229	5190	27.473	2.9251	3.1229
823	26.735	2.0174	3.2291	5191	26.735	2.0174	3.2291
824	37.213	3.751	2.0023	5192	37.213	3.751	2.0023
825	24.511	2.924	2.0645	5193	24.511	2.924	2.0645
826	26.16	3.1387	3.1647	5194	26.16	3.1387	3.1647
827	28.077	3.2818	2.9266	5195	28.077	3.2818	2.9266
828	42.667	4.7677	3.1181	5196	42.667	4.7677	3.1181
829	43.42	2.3622	2.5181	5197	43.42	2.3622	2.5181
830	43.636	2.6743	2.8134	5198	43.636	2.6743	2.8134
831	26.473	3.2609	2.0755	5199	26.473	3.2609	2.0755
832	18.535	3.3175	1.3888	5200	18.535	3.3175	1.3888
833	23.625	2.9797	2.8431	5201	23.625	2.9797	2.8431
834	29.058	3.6697	3.4997	5202	29.058	3.6697	3.4997
835	40.54	2.8774	2.4761	5203	40.54	2.8774	2.4761
836	26.375	2.5106	1.6667	5204	26.375	2.5106	1.6667
837	39.429	3.6214	2.2356	5205	39.429	3.6214	2.2356
838	27.733	3.3696	2.1436	5206	27.733	3.3696	2.1436
839	26.164	3.4718	3.1036	5207	26.164	3.4718	3.1036
840	40.587	3.6342	3.0385	5208	40.587	3.6342	3.0385
841	29.704	3.2357	2.1704	5209	29.704	3.2357	2.1704
842	44.66	3.0084	2.2366	5210	44.66	3.0084	2.2366
843	35.106	2.6626	2.3098	5211	35.106	2.6626	2.3098
844	33.644	2.1511	2.6203	5212	33.644	2.1511	2.6203
845	44.747	2.5514	2.4329	5213	44.747	2.5514	2.4329
846	21.739	1.9614	2.6125	5214	21.739	1.9614	2.6125
847	34.66	4.2251	2.8332	5215	34.66	4.2251	2.8332
848	34.144	3.9102	2.8046	5216	34.144	3.9102	2.8046
849	36.88	3.2576	2.5079	5217	36.88	3.2576	2.5079
850	40.775	3.1909	2.4636	5218	40.775	3.1909	2.4636
851	33.104	3.4405	1.6502	5219	33.104	3.4405	1.6502
852	37.652	2.773	2.9282	5220	37.652	2.773	2.9282
853	18.397	3.1112	2.3253	5221	18.397	3.1112	2.3253
854	37.158	4.1509	2.3612	5222	37.158	4.1509	2.3612
855	32.361	3.0778	2.1191	5223	32.361	3.0778	2.1191
856	28.593	3.6593	2.7158	5224	28.593	3.6593	2.7158
857	27.046	2.0318	2.081	5225	27.046	2.0318	2.081
858	29.986	4.2862	2.4251	5226	29.986	4.2862	2.4251
859	27.594	2.1318	1.9302	5227	27.594	2.1318	1.9302
860	28.428	2.2276	2.8084	5228	28.428	2.2276	2.8084
861	30.457	2.8066	2.4046	5229	30.457	2.8066	2.4046
862	38.322	3.3828	2.7266	5230	38.322	3.3828	2.7266
863	31.633	3.0271	3.1741	5231	31.633	3.0271	3.1741
864	33.356	3.0609	2.2468	5232	33.356	3.0609	2.2468
865	23.04	3.7031	3.2748	5233	23.04	3.7031	3.2748
866	33.99	3.0398	2.7088	5234	33.99	3.0398	2.7088
867	40.707	3.6831	1.8369	5235	40.707	3.6831	1.8369
868	36.642	4.1091	2.1784	5236	36.642	4.1091	2.1784
869	33.046	3.3625	2.2484	5237	33.046	3.3625	2.2484
870	29.551	3.3506	3.6208	5238	29.551	3.3506	3.6208
871	39.721	3.7325	2.163	5239	39.721	3.7325	2.163
872	40.35	2.5942	2.3814	5240	40.35	2.5942	2.3814
873	28.383	3.3127	2.4038	5241	28.383	3.3127	2.4038
874	32.424	2.6689	2.8218	5242	32.424	2.6689	2.8218
875	33.605	3.1992	3.1446	5243	33.605	3.1992	3.1446
876	34.687	2.6782	2.9662	5244	34.687	2.6782	2.9662
877	27.38	3.8254	2.4336	5245	27.38	3.8254	2.4336
878	45.568	4.0242	3.0012	5246	45.568	4.0242	3.0012
879	30.691	4.0522	2.152	5247	30.691	4.0522	2.152

880	33.556	3.1067	2.2508	5248	33.556	3.1067	2.2508
881	29	2.6347	2.1468	5249	29	2.6347	2.1468
882	37.997	3.9808	2.6641	5250	37.997	3.9808	2.6641
883	28.789	5.0746	2.5646	5251	28.789	5.0746	2.5646
884	40.407	3.8152	2.5538	5252	40.407	3.8152	2.5538
885	36.461	3.8167	1.6935	5253	36.461	3.8167	1.6935
886	32.126	3.3845	3.6843	5254	32.126	3.3845	3.6843
887	31.711	3.2271	1.5509	5255	31.711	3.2271	1.5509
888	28.297	3.126	2.9873	5256	28.297	3.126	2.9873
889	39.953	2.4477	1.6456	5257	39.953	2.4477	1.6456
890	29.494	2.9774	3.0678	5258	29.494	2.9774	3.0678
891	38.582	3.3852	2.2459	5259	38.582	3.3852	2.2459
892	40.438	3.537	3.0184	5260	40.438	3.537	3.0184
893	26.326	2.6659	2.7024	5261	26.326	2.6659	2.7024
894	33.246	3.0412	2.5506	5262	33.246	3.0412	2.5506
895	35.925	2.7196	2.45	5263	35.925	2.7196	2.45
896	37.943	2.792	2.9904	5264	37.943	2.792	2.9904
897	41.65	1.9855	3.0287	5265	41.65	1.9855	3.0287
898	39.135	3.2798	2.2837	5266	39.135	3.2798	2.2837
899	32.772	4.0981	2.7472	5267	32.772	4.0981	2.7472
900	38.118	3.4702	2.8296	5268	38.118	3.4702	2.8296
901	27.942	3.511	2.4407	5269	27.942	3.511	2.4407
902	29.488	1.6476	1.781	5270	29.488	1.6476	1.781
903	32.773	3.9091	2.981	5271	32.773	3.9091	2.981
904	26.663	3.7717	3.1668	5272	26.663	3.7717	3.1668
905	26.637	4.2223	2.8606	5273	26.637	4.2223	2.8606
906	38.462	4.0295	2.6025	5274	38.462	4.0295	2.6025
907	30.624	3.6292	2.6527	5275	30.624	3.6292	2.6527
908	31.835	2.7325	2.2832	5276	31.835	2.7325	2.2832
909	33.972	2.7332	2.5755	5277	33.972	2.7332	2.5755
910	35.606	3.4915	2.7739	5278	35.606	3.4915	2.7739
911	34.577	2.7087	2.3748	5279	34.577	2.7087	2.3748
912	35.848	3.5103	2.4031	5280	35.848	3.5103	2.4031
913	27.37	3.6861	3.6538	5281	27.37	3.6861	3.6538
914	40.303	2.9656	1.9383	5282	40.303	2.9656	1.9383
915	31.076	2.6592	1.9327	5283	31.076	2.6592	1.9327
916	37.631	2.7392	3.0096	5284	37.631	2.7392	3.0096
917	34.463	2.0975	2.3407	5285	34.463	2.0975	2.3407
918	32.691	4.4436	2.2106	5286	32.691	4.4436	2.2106
919	35.699	2.6517	2.3742	5287	35.699	2.6517	2.3742
920	26.96	4.2583	1.9272	5288	26.96	4.2583	1.9272
921	41.555	4.1897	2.71	5289	41.555	4.1897	2.71
922	40.233	3.4047	2.7932	5290	40.233	3.4047	2.7932
923	26.747	2.5086	2.4458	5291	26.747	2.5086	2.4458
924	23.873	3.2161	2.518	5292	23.873	3.2161	2.518
925	21.973	2.7663	2.1315	5293	21.973	2.7663	2.1315
926	37.693	2.3148	2.1193	5294	37.693	2.3148	2.1193
927	30.715	3.4959	2.7967	5295	30.715	3.4959	2.7967
928	16.162	4.4197	3.2121	5296	16.162	4.4197	3.2121
929	26.18	2.8069	2.4471	5297	26.18	2.8069	2.4471
930	29.474	3.8901	2.8989	5298	29.474	3.8901	2.8989
931	34.74	2.4871	2.2514	5299	34.74	2.4871	2.2514
932	38.796	3.1584	3.5124	5300	38.796	3.1584	3.5124
933	24.543	3.2345	1.8834	5301	24.543	3.2345	1.8834
934	37.529	3.9713	2.8375	5302	37.529	3.9713	2.8375
935	30.727	1.9168	2.354	5303	30.727	1.9168	2.354
936	39.407	2.9135	3.0424	5304	39.407	2.9135	3.0424
937	53.686	3.2383	2.6261	5305	53.686	3.2383	2.6261
938	30.257	3.6742	2.3901	5306	30.257	3.6742	2.3901
939	36.033	3.0795	2.0504	5307	36.033	3.0795	2.0504
940	32.469	2.7642	2.9586	5308	32.469	2.7642	2.9586
941	28.849	2.7514	2.6113	5309	28.849	2.7514	2.6113
942	31.74	3.1637	2.4697	5310	31.74	3.1637	2.4697
943	32.342	2.2315	1.2263	5311	32.342	2.2315	1.2263
944	31.538	2.2122	2.2494	5312	31.538	2.2122	2.2494
945	38.112	3.6506	2.9946	5313	38.112	3.6506	2.9946
946	39.418	3.2758	2.5556	5314	39.418	3.2758	2.5556

947	30.552	3.0831	2.939	5315	30.552	3.0831	2.939
948	36.818	3.2634	2.5174	5316	36.818	3.2634	2.5174
949	20.17	5.144	3.1526	5317	20.17	5.144	3.1526
950	32.773	3.388	2.1905	5318	32.773	3.388	2.1905
951	22.547	4.2833	1.6901	5319	22.547	4.2833	1.6901
952	26.951	3.8073	2.3468	5320	26.951	3.8073	2.3468
953	24.583	2.2333	2.3957	5321	24.583	2.2333	2.3957
954	25.87	3.991	2.6943	5322	25.87	3.991	2.6943
955	43.032	3.6664	2.2363	5323	43.032	3.6664	2.2363
956	26.038	2.6322	2.6273	5324	26.038	2.6322	2.6273
957	31.698	3.5172	2.5797	5325	31.698	3.5172	2.5797
958	46.363	2.8404	2.7589	5326	46.363	2.8404	2.7589
959	25.102	4.3667	2.7859	5327	25.102	4.3667	2.7859
960	31.17	4.1363	2.5478	5328	31.17	4.1363	2.5478
961	33.385	3.617	2.7315	5329	33.385	3.617	2.7315
962	37.839	2.4463	1.9709	5330	37.839	2.4463	1.9709
963	30.764	4.5788	3.2038	5331	30.764	4.5788	3.2038
964	32.118	2.4404	2.3044	5332	32.118	2.4404	2.3044
965	27.887	3.9992	3.325	5333	27.887	3.9992	3.325
966	25.844	3.4097	2.5186	5334	25.844	3.4097	2.5186
967	28.689	2.5153	2.2181	5335	28.689	2.5153	2.2181
968	37.621	3.7039	2.1379	5336	37.621	3.7039	2.1379
969	41.783	3.8006	2.054	5337	41.783	3.8006	2.054
970	30.736	3.375	3.188	5338	30.736	3.375	3.188
971	25.039	2.683	2.8682	5339	25.039	2.683	2.8682
972	27.624	1.7361	3.7459	5340	27.624	1.7361	3.7459
973	37.817	3.8307	2.0896	5341	37.817	3.8307	2.0896
974	39.51	2.9055	3.2053	5342	39.51	2.9055	3.2053
975	24.448	2.9424	3.1715	5343	24.448	2.9424	3.1715
976	28.948	3.7398	2.9245	5344	28.948	3.7398	2.9245
977	28.333	3.0253	2.7762	5345	28.333	3.0253	2.7762
978	25.296	3.5964	2.114	5346	25.296	3.5964	2.114
979	20.645	3.0523	1.2363	5347	20.645	3.0523	1.2363
980	27.215	2.7466	3.4673	5348	27.215	2.7466	3.4673
981	27.005	3.5477	2.4907	5349	27.005	3.5477	2.4907
982	32.948	3.0607	3.1218	5350	32.948	3.0607	3.1218
983	42.477	3.9425	3.1078	5351	42.477	3.9425	3.1078
984	28.917	4.2653	3.1394	5352	28.917	4.2653	3.1394
985	43.554	4.6176	3.9948	5353	43.554	4.6176	3.9948
986	39.189	3.5373	2.4643	5354	39.189	3.5373	2.4643
987	41.724	2.7435	2.6646	5355	41.724	2.7435	2.6646
988	28.658	3.7914	2.8217	5356	28.658	3.7914	2.8217
989	40.22	3.4105	2.7428	5357	40.22	3.4105	2.7428
990	32.04	3.932	2.6784	5358	32.04	3.932	2.6784
991	32.873	3.4785	3.3922	5359	32.873	3.4785	3.3922
992	41.135	2.8477	2.5682	5360	41.135	2.8477	2.5682
993	30.571	2.5631	2.9223	5361	30.571	2.5631	2.9223
994	35.515	2.7179	2.5555	5362	35.515	2.7179	2.5555
995	33.704	4.5782	3.0238	5363	33.704	4.5782	3.0238
996	25.909	3.2743	2.7665	5364	25.909	3.2743	2.7665
997	33.531	2.6167	1.8515	5365	33.531	2.6167	1.8515
998	31.381	3.3422	3.745	5366	31.381	3.3422	3.745
999	26.137	3.0981	2.6446	5367	26.137	3.0981	2.6446
1000	35.109	2.8662	2.1493	5368	35.109	2.8662	2.1493
1001	45.276	2.9744	3.1588	5369	45.276	2.9744	3.1588
1002	26.202	2.7187	1.8624	5370	26.202	2.7187	1.8624
1003	49.198	3.6762	3.2199	5371	49.198	3.6762	3.2199
1004	34.056	3.0856	3.5403	5372	34.056	3.0856	3.5403
1005	44.431	4.7568	3.3599	5373	44.431	4.7568	3.3599
1006	31.253	3.3541	3.2129	5374	31.253	3.3541	3.2129
1007	19.243	2.4765	2.7007	5375	19.243	2.4765	2.7007
1008	24.557	2.2192	2.0689	5376	24.557	2.2192	2.0689
1009	36.046	4.3387	1.8896	5377	36.046	4.3387	1.8896
1010	31.31	3.7443	2.607	5378	31.31	3.7443	2.607
1011	28.678	2.9951	2.0232	5379	28.678	2.9951	2.0232
1012	23.036	1.3389	1.8791	5380	23.036	1.3389	1.8791
1013	35.946	3.5894	3.6227	5381	35.946	3.5894	3.6227

1014	24.516	2.5394	2.8942	5382	24.516	2.5394	2.8942
1015	32.304	2.8609	2.8583	5383	32.304	2.8609	2.8583
1016	34.33	2.8011	3.0184	5384	34.33	2.8011	3.0184
1017	35.897	2.7349	3.1099	5385	35.897	2.7349	3.1099
1018	29.823	3.4211	2.9556	5386	29.823	3.4211	2.9556
1019	44.9	4.3078	2.7962	5387	44.9	4.3078	2.7962
1020	28.187	2.5167	2.7387	5388	28.187	2.5167	2.7387
1021	34.606	3.0726	1.04	5389	34.606	3.0726	1.04
1022	36.112	3.8293	3.1707	5390	36.112	3.8293	3.1707
1023	31.485	2.6808	3.1011	5391	31.485	2.6808	3.1011
1024	32.499	4.2173	2.403	5392	32.499	4.2173	2.403
1025	26.527	3.5326	2.8845	5393	26.527	3.5326	2.8845
1026	33.843	3.7894	1.9026	5394	33.843	3.7894	1.9026
1027	26.873	3.9214	2.3371	5395	26.873	3.9214	2.3371
1028	24.866	2.4365	1.6966	5396	24.866	2.4365	1.6966
1029	32.049	3.8914	2.8682	5397	32.049	3.8914	2.8682
1030	40.763	3.7054	2.4205	5398	40.763	3.7054	2.4205
1031	39.575	2.7291	1.427	5399	39.575	2.7291	1.427
1032	40.915	1.6859	3.3699	5400	40.915	1.6859	3.3699
1033	38.609	2.9025	2.4474	5401	38.609	2.9025	2.4474
1034	37.26	2.2799	2.1732	5402	37.26	2.2799	2.1732
1035	28.913	3.061	2.7121	5403	28.913	3.061	2.7121
1036	37.916	4.0885	2.4702	5404	37.916	4.0885	2.4702
1037	37.521	2.5964	2.7358	5405	37.521	2.5964	2.7358
1038	27.935	3.3957	2.8903	5406	27.935	3.3957	2.8903
1039	37.209	3.9629	2.7186	5407	37.209	3.9629	2.7186
1040	46.896	3.4711	2.9325	5408	46.896	3.4711	2.9325
1041	35.755	2.5773	2.5739	5409	35.755	2.5773	2.5739
1042	27.592	3.2679	2.5583	5410	27.592	3.2679	2.5583
1043	26.021	2.5128	2.6785	5411	26.021	2.5128	2.6785
1044	39.158	3.8113	2.7862	5412	39.158	3.8113	2.7862
1045	44.225	3.6484	2.9885	5413	44.225	3.6484	2.9885
1046	27.329	3.1949	3.4186	5414	27.329	3.1949	3.4186
1047	43.577	3.4917	2.5294	5415	43.577	3.4917	2.5294
1048	20.399	2.3578	3.3812	5416	20.399	2.3578	3.3812
1049	26.66	3.4606	2.4011	5417	26.66	3.4606	2.4011
1050	33.77	3.8583	1.5488	5418	33.77	3.8583	1.5488
1051	35.875	2.9308	1.8653	5419	35.875	2.9308	1.8653
1052	27.723	4.2046	2.5731	5420	27.723	4.2046	2.5731
1053	39.146	3.1987	3.665	5421	39.146	3.1987	3.665
1054	34.139	2.8161	2.8328	5422	34.139	2.8161	2.8328
1055	29.043	2.8473	3.1617	5423	29.043	2.8473	3.1617
1056	31.721	2.8188	1.7851	5424	31.721	2.8188	1.7851
1057	21.411	3.8117	2.8521	5425	21.411	3.8117	2.8521
1058	30.986	2.784	2.4113	5426	30.986	2.784	2.4113
1059	35.543	3.0762	3.1571	5427	35.543	3.0762	3.1571
1060	26.75	2.1944	2.9915	5428	26.75	2.1944	2.9915
1061	29.881	3.0584	2.9341	5429	29.881	3.0584	2.9341
1062	26.446	3.2329	1.9867	5430	26.446	3.2329	1.9867
1063	34.395	2.2542	2.9759	5431	34.395	2.2542	2.9759
1064	32.32	3.0009	1.7766	5432	32.32	3.0009	1.7766
1065	27.446	4.4141	3.2568	5433	27.446	4.4141	3.2568
1066	28.052	3.6363	2.4096	5434	28.052	3.6363	2.4096
1067	32.594	2.9788	2.1288	5435	32.594	2.9788	2.1288
1068	29.176	3.2035	2.7053	5436	29.176	3.2035	2.7053
1069	26.483	3.6647	2.9502	5437	26.483	3.6647	2.9502
1070	35.292	2.6813	2.3001	5438	35.292	2.6813	2.3001
1071	46.457	3.3147	2.1321	5439	46.457	3.3147	2.1321
1072	37.837	2.8563	2.0865	5440	37.837	2.8563	2.0865
1073	38.039	2.8912	1.3425	5441	38.039	2.8912	1.3425
1074	27.039	3.0199	3.6777	5442	27.039	3.0199	3.6777
1075	34.495	3.9365	2.7643	5443	34.495	3.9365	2.7643
1076	36.786	3.1475	2.5721	5444	36.786	3.1475	2.5721
1077	37.028	3.8109	3.0124	5445	37.028	3.8109	3.0124
1078	21.883	2.613	3.5029	5446	21.883	2.613	3.5029
1079	41.597	2.8275	2.2207	5447	41.597	2.8275	2.2207
1080	26.399	3.8517	3.7161	5448	26.399	3.8517	3.7161

1081	27.91	3.1022	2.5131	5449	27.91	3.1022	2.5131
1082	34.416	2.4892	3.0494	5450	34.416	2.4892	3.0494
1083	30.905	2.497	2.499	5451	30.905	2.497	2.499
1084	40.49	2.9309	3.6243	5452	40.49	2.9309	3.6243
1085	17.573	3.1404	2.642	5453	17.573	3.1404	2.642
1086	30.746	3.2195	2.7682	5454	30.746	3.2195	2.7682
1087	28.431	3.8435	2.6008	5455	28.431	3.8435	2.6008
1088	32.754	2.793	2.834	5456	32.754	2.793	2.834
1089	31.45	3.1038	3.202	5457	31.45	3.1038	3.202
1090	51.623	3.6125	2.8652	5458	51.623	3.6125	2.8652
1091	39.467	2.2686	2.1834	5459	39.467	2.2686	2.1834
1092	34.048	2.119	2.6878	5460	34.048	2.119	2.6878
1093	30.328	3.3092	2.9148	5461	30.328	3.3092	2.9148
1094	28.568	4.1126	3.1528	5462	28.568	4.1126	3.1528
1095	43.634	3.4889	2.5651	5463	43.634	3.4889	2.5651
1096	22.495	2.8966	1.9669	5464	22.495	2.8966	1.9669
1097	23.942	3.1129	2.3669	5465	23.942	3.1129	2.3669
1098	40.195	2.9326	3.0346	5466	40.195	2.9326	3.0346
1099	37.215	1.9992	2.2862	5467	37.215	1.9992	2.2862
1100	22.971	3.1259	3.6261	5468	22.971	3.1259	3.6261
1101	38.202	3.4808	2.5751	5469	38.202	3.4808	2.5751
1102	28.087	3.4953	3.1054	5470	28.087	3.4953	3.1054
1103	27.41	3.9006	2.0397	5471	27.41	3.9006	2.0397
1104	31.309	3.4239	2.5221	5472	31.309	3.4239	2.5221
1105	41.724	3.2622	2.6913	5473	41.724	3.2622	2.6913
1106	31.583	1.9149	3.0485	5474	31.583	1.9149	3.0485
1107	29.918	2.7887	2.3313	5475	29.918	2.7887	2.3313
1108	30.135	3.3514	2.883	5476	30.135	3.3514	2.883
1109	36.958	3.9117	1.1491	5477	36.958	3.9117	1.1491
1110	28.303	4.2116	2.5102	5478	28.303	4.2116	2.5102
1111	35.59	2.4942	2.5989	5479	35.59	2.4942	2.5989
1112	36.53	3.3898	3.1714	5480	36.53	3.3898	3.1714
1113	27.376	3.3638	3.2448	5481	27.376	3.3638	3.2448
1114	24.102	4.705	2.5569	5482	24.102	4.705	2.5569
1115	33.326	3.5254	3.3967	5483	33.326	3.5254	3.3967
1116	29.462	3.4367	2.9121	5484	29.462	3.4367	2.9121
1117	28.314	3.2239	2.7877	5485	28.314	3.2239	2.7877
1118	24.785	2.4971	2.4847	5486	24.785	2.4971	2.4847
1119	23.901	3.1149	3.194	5487	23.901	3.1149	3.194
1120	25.297	2.7977	2.7002	5488	25.297	2.7977	2.7002
1121	35.81	3.1584	3.2761	5489	35.81	3.1584	3.2761
1122	22.74	3.5332	2.5291	5490	22.74	3.5332	2.5291
1123	30.556	4.4725	2.4748	5491	30.556	4.4725	2.4748
1124	23.907	2.867	2.5808	5492	23.907	2.867	2.5808
1125	31.88	2.2318	2.7575	5493	31.88	2.2318	2.7575
1126	34.264	3.082	2.2837	5494	34.264	3.082	2.2837
1127	36.602	4.1094	2.8637	5495	36.602	4.1094	2.8637
1128	35.401	3.7681	3.0012	5496	35.401	3.7681	3.0012
1129	28.301	3.655	2.7146	5497	28.301	3.655	2.7146
1130	22.06	3.3956	2.7694	5498	22.06	3.3956	2.7694
1131	27.342	1.8645	2.9186	5499	27.342	1.8645	2.9186
1132	20.328	3.9186	2.957	5500	20.328	3.9186	2.957
1133	24.636	3.3804	2.5808	5501	24.636	3.3804	2.5808
1134	20.69	3.5963	3.356	5502	20.69	3.5963	3.356
1135	26.897	4.8713	2.9093	5503	26.897	4.8713	2.9093
1136	44.026	3.2813	3.2263	5504	44.026	3.2813	3.2263
1137	21.648	2.8385	1.8298	5505	21.648	2.8385	1.8298
1138	35.821	3.3293	2.2006	5506	35.821	3.3293	2.2006
1139	41.535	2.7224	3.0422	5507	41.535	2.7224	3.0422
1140	32.861	2.0251	2.8645	5508	32.861	2.0251	2.8645
1141	34.745	3.2126	2.3733	5509	34.745	3.2126	2.3733
1142	24.045	3.4488	2.0503	5510	24.045	3.4488	2.0503
1143	26.479	3.0913	1.6914	5511	26.479	3.0913	1.6914
1144	30.127	3.1364	2.3122	5512	30.127	3.1364	2.3122
1145	34.527	2.6606	2.332	5513	34.527	2.6606	2.332
1146	36.687	3.0119	1.6013	5514	36.687	3.0119	1.6013
1147	33.665	2.5703	2.5095	5515	33.665	2.5703	2.5095

1148	39.608	2.1216	2.2497	5516	39.608	2.1216	2.2497
1149	39.043	3.2645	2.7064	5517	39.043	3.2645	2.7064
1150	19.529	3.7496	2.4738	5518	19.529	3.7496	2.4738
1151	34.698	3.4722	3.2371	5519	34.698	3.4722	3.2371
1152	45.974	3.3853	3.6482	5520	45.974	3.3853	3.6482
1153	37.89	2.531	3.7456	5521	37.89	2.531	3.7456
1154	14.768	2.7541	2.6917	5522	14.768	2.7541	2.6917
1155	34.348	2.7907	2.1627	5523	34.348	2.7907	2.1627
1156	22.399	3.4429	3.2784	5524	22.399	3.4429	3.2784
1157	31.877	5.3007	2.9163	5525	31.877	5.3007	2.9163
1158	38.705	4.8933	2.5283	5526	38.705	4.8933	2.5283
1159	36.584	3.4542	3.309	5527	36.584	3.4542	3.309
1160	38.024	2.6886	2.9916	5528	38.024	2.6886	2.9916
1161	28.886	3.834	1.9906	5529	28.886	3.834	1.9906
1162	30.628	2.968	2.8752	5530	30.628	2.968	2.8752
1163	28.399	4.1782	2.6231	5531	28.399	4.1782	2.6231
1164	45.801	3.8037	2.8186	5532	45.801	3.8037	2.8186
1165	42.582	2.2479	2.7324	5533	42.582	2.2479	2.7324
1166	27.075	2.4291	1.8141	5534	27.075	2.4291	1.8141
1167	20.847	3.652	2.191	5535	20.847	3.652	2.191
1168	38.413	4.4983	2.7266	5536	38.413	4.4983	2.7266
1169	33.012	3.0267	1.7484	5537	33.012	3.0267	1.7484
1170	23.386	3.3955	2.6944	5538	23.386	3.3955	2.6944
1171	22.957	3.3103	3.104	5539	22.957	3.3103	3.104
1172	33.849	2.925	2.4104	5540	33.849	2.925	2.4104
1173	28.352	3.2576	2.7851	5541	28.352	3.2576	2.7851
1174	31.383	3.685	3.1016	5542	31.383	3.685	3.1016
1175	43.704	4.1685	2.2824	5543	43.704	4.1685	2.2824
1176	32.764	3.9432	3.305	5544	32.764	3.9432	3.305
1177	27.731	3.7502	1.6232	5545	27.731	3.7502	1.6232
1178	36.71	4.3036	2.9944	5546	36.71	4.3036	2.9944
1179	24.639	2.649	2.5398	5547	24.639	2.649	2.5398
1180	47.945	2.8972	1.9259	5548	47.945	2.8972	1.9259
1181	28.99	3.9154	3.1196	5549	28.99	3.9154	3.1196
1182	39.344	2.6643	2.4229	5550	39.344	2.6643	2.4229
1183	29.447	4.4405	1.4284	5551	29.447	4.4405	1.4284
1184	42.535	2.7633	2.5362	5552	42.535	2.7633	2.5362
1185	37.171	3.7075	2.1268	5553	37.171	3.7075	2.1268
1186	30.171	2.6731	3.182	5554	30.171	2.6731	3.182
1187	32.07	2.8673	3.2675	5555	32.07	2.8673	3.2675
1188	33.094	3.1591	2.7111	5556	33.094	3.1591	2.7111
1189	41.357	2.8782	2.1549	5557	41.357	2.8782	2.1549
1190	41.813	2.1948	2.123	5558	41.813	2.1948	2.123
1191	25.114	2.8323	1.8027	5559	25.114	2.8323	1.8027
1192	40.109	4.1245	1.2476	5560	40.109	4.1245	1.2476
1193	22.489	3.7357	2.0442	5561	22.489	3.7357	2.0442
1194	22.872	2.9892	2.6749	5562	22.872	2.9892	2.6749
1195	41.838	3.9613	3.1955	5563	41.838	3.9613	3.1955
1196	26.779	2.4467	2.6172	5564	26.779	2.4467	2.6172
1197	32.005	2.283	3.3445	5565	32.005	2.283	3.3445
1198	38.858	3.7349	3.4595	5566	38.858	3.7349	3.4595
1199	45.517	3.6695	2.7483	5567	45.517	3.6695	2.7483
1200	31.636	3.3054	2.2656	5568	31.636	3.3054	2.2656
1201	34.182	2.9617	2.9691	5569	34.182	2.9617	2.9691
1202	40.624	3.9061	2.147	5570	40.624	3.9061	2.147
1203	34.943	3.8339	2.1652	5571	34.943	3.8339	2.1652
1204	26.913	2.0056	2.4562	5572	26.913	2.0056	2.4562
1205	41.13	3.5125	2.2238	5573	41.13	3.5125	2.2238
1206	39.992	2.5238	1.9	5574	39.992	2.5238	1.9
1207	36.305	2.878	2.4987	5575	36.305	2.878	2.4987
1208	23.434	2.2931	2.2723	5576	23.434	2.2931	2.2723
1209	20.297	4.5057	2.5006	5577	20.297	4.5057	2.5006
1210	17.853	3.9696	3.0109	5578	17.853	3.9696	3.0109
1211	30.551	3.1634	2.569	5579	30.551	3.1634	2.569
1212	40.866	2.448	2.8093	5580	40.866	2.448	2.8093
1213	41.233	3.3671	2.6251	5581	41.233	3.3671	2.6251
1214	39.091	3.1224	1.8442	5582	39.091	3.1224	1.8442

1215	22.367	3.6618	2.7214	5583	22.367	3.6618	2.7214
1216	39.288	4.2654	3.6418	5584	39.288	4.2654	3.6418
1217	22.722	3.0126	2.6197	5585	22.722	3.0126	2.6197
1218	40.225	2.9207	3.0163	5586	40.225	2.9207	3.0163
1219	34.902	2.4099	1.7167	5587	34.902	2.4099	1.7167
1220	27.65	3.5475	2.2562	5588	27.65	3.5475	2.2562
1221	32.834	3.4844	2.8424	5589	32.834	3.4844	2.8424
1222	17.422	2.7435	2.9294	5590	17.422	2.7435	2.9294
1223	36.172	3.3249	3.2886	5591	36.172	3.3249	3.2886
1224	30.638	4.6147	2.2324	5592	30.638	4.6147	2.2324
1225	22.82	3.3434	2.3805	5593	22.82	3.3434	2.3805
1226	39.4	3.8313	2.1916	5594	39.4	3.8313	2.1916
1227	37.161	3.0854	2.0938	5595	37.161	3.0854	2.0938
1228	31.426	3.1284	2.8216	5596	31.426	3.1284	2.8216
1229	32.279	3.3726	2.7338	5597	32.279	3.3726	2.7338
1230	32.1	4.0538	3.1356	5598	32.1	4.0538	3.1356
1231	26.661	2.8663	3.3527	5599	26.661	2.8663	3.3527
1232	25.661	3.589	1.9491	5600	25.661	3.589	1.9491
1233	35.394	3.1003	2.0645	5601	35.394	3.1003	2.0645
1234	21.657	2.7588	3.4237	5602	21.657	2.7588	3.4237
1235	28.346	3.6226	3.4397	5603	28.346	3.6226	3.4397
1236	41.65	3.6411	2.6979	5604	41.65	3.6411	2.6979
1237	38.084	3.9338	2.8656	5605	38.084	3.9338	2.8656
1238	34.707	1.4767	2.5032	5606	34.707	1.4767	2.5032
1239	35.534	4.1592	3.1488	5607	35.534	4.1592	3.1488
1240	29.826	3.4585	2.3241	5608	29.826	3.4585	2.3241
1241	36.061	3.0778	3.1019	5609	36.061	3.0778	3.1019
1242	28.881	2.6598	1.962	5610	28.881	2.6598	1.962
1243	33.862	3.3702	1.9034	5611	33.862	3.3702	1.9034
1244	32.486	3.453	3.3105	5612	32.486	3.453	3.3105
1245	44.857	3.5995	2.5233	5613	44.857	3.5995	2.5233
1246	23.35	2.9805	2.1967	5614	23.35	2.9805	2.1967
1247	18.207	2.7089	2.8955	5615	18.207	2.7089	2.8955
1248	26.543	2.418	2.9957	5616	26.543	2.418	2.9957
1249	30.586	2.7406	3.5009	5617	30.586	2.7406	3.5009
1250	33.68	3.3007	1.6282	5618	33.68	3.3007	1.6282
1251	23.692	3.0313	3.3244	5619	23.692	3.0313	3.3244
1252	25.751	3.463	3.2524	5620	25.751	3.463	3.2524
1253	33.295	2.5218	2.4259	5621	33.295	2.5218	2.4259
1254	28.841	4.0847	2.2066	5622	28.841	4.0847	2.2066
1255	31.402	3.0596	2.259	5623	31.402	3.0596	2.259
1256	26.781	4.2882	2.6186	5624	26.781	4.2882	2.6186
1257	41.628	2.4604	2.7812	5625	41.628	2.4604	2.7812
1258	20.501	2.4573	2.8102	5626	20.501	2.4573	2.8102
1259	37.879	2.603	3.0228	5627	37.879	2.603	3.0228
1260	30.45	2.6475	3.1413	5628	30.45	2.6475	3.1413
1261	33.471	3.6537	2.9687	5629	33.471	3.6537	2.9687
1262	40.553	2.4447	2.2567	5630	40.553	2.4447	2.2567
1263	45.213	1.6425	2.6203	5631	45.213	1.6425	2.6203
1264	23.544	3.1123	2.4134	5632	23.544	3.1123	2.4134
1265	34.106	2.1877	4.0341	5633	34.106	2.1877	4.0341
1266	39.299	3.5102	2.4933	5634	39.299	3.5102	2.4933
1267	27.877	2.7131	3.0625	5635	27.877	2.7131	3.0625
1268	36.263	2.6151	2.2607	5636	36.263	2.6151	2.2607
1269	30.048	4.2564	4.1474	5637	30.048	4.2564	4.1474
1270	35.573	4.1274	2.3146	5638	35.573	4.1274	2.3146
1271	25	3.0771	3.0977	5639	25	3.0771	3.0977
1272	22.031	3.1892	2.6248	5640	22.031	3.1892	2.6248
1273	44.591	4.0323	2.9285	5641	44.591	4.0323	2.9285
1274	26.66	2.704	2.0667	5642	26.66	2.704	2.0667
1275	26.218	3.1101	2.7926	5643	26.218	3.1101	2.7926
1276	29.12	3.0162	2.4397	5644	29.12	3.0162	2.4397
1277	35.569	4.4519	2.3319	5645	35.569	4.4519	2.3319
1278	22.85	3.8631	3.2232	5646	22.85	3.8631	3.2232
1279	38.32	2.4054	2.1213	5647	38.32	2.4054	2.1213
1280	23.102	2.6551	2.6447	5648	23.102	2.6551	2.6447
1281	28.834	2.9777	2.3828	5649	28.834	2.9777	2.3828

1282	30.802	4.5699	3.5267	5650	30.802	4.5699	3.5267
1283	28.838	2.4786	2.8531	5651	28.838	2.4786	2.8531
1284	39.289	2.8286	2.3859	5652	39.289	2.8286	2.3859
1285	53.02	2.4468	2.73	5653	53.02	2.4468	2.73
1286	26.276	3.5236	3.2743	5654	26.276	3.5236	3.2743
1287	31.919	3.9261	2.3364	5655	31.919	3.9261	2.3364
1288	31.666	3.4453	2.7743	5656	31.666	3.4453	2.7743
1289	28.732	3.543	1.6395	5657	28.732	3.543	1.6395
1290	28.806	3.4216	2.4668	5658	28.806	3.4216	2.4668
1291	34.695	3.0516	2.6494	5659	34.695	3.0516	2.6494
1292	30.932	3.8069	2.5385	5660	30.932	3.8069	2.5385
1293	43.373	2.8763	1.4534	5661	43.373	2.8763	1.4534
1294	27.865	3.7467	3.6224	5662	27.865	3.7467	3.6224
1295	29.743	3.914	3.3625	5663	29.743	3.914	3.3625
1296	19.724	3.6417	2.1236	5664	19.724	3.6417	2.1236
1297	34.208	4.3282	2.7005	5665	34.208	4.3282	2.7005
1298	34.58	2.3915	3.2094	5666	34.58	2.3915	3.2094
1299	26.061	4.218	2.9609	5667	26.061	4.218	2.9609
1300	45.06	2.3329	3.1753	5668	45.06	2.3329	3.1753
1301	29.051	2.7222	2.5445	5669	29.051	2.7222	2.5445
1302	16.079	2.2295	2.4418	5670	16.079	2.2295	2.4418
1303	27.693	3.2793	2.5724	5671	27.693	3.2793	2.5724
1304	42.643	3.5678	2.1576	5672	42.643	3.5678	2.1576
1305	44.107	4.6498	3.1424	5673	44.107	4.6498	3.1424
1306	30.104	4.2224	3.389	5674	30.104	4.2224	3.389
1307	30.561	2.9978	2.0211	5675	30.561	2.9978	2.0211
1308	44.849	2.4371	2.2654	5676	44.849	2.4371	2.2654
1309	39.067	3.4546	2.1968	5677	39.067	3.4546	2.1968
1310	30.762	2.8851	2.6224	5678	30.762	2.8851	2.6224
1311	34.202	3.3526	2.7918	5679	34.202	3.3526	2.7918
1312	33.107	4.3548	1.9762	5680	33.107	4.3548	1.9762
1313	44.691	3.4335	3.1559	5681	44.691	3.4335	3.1559
1314	31.266	3.5045	2.2884	5682	31.266	3.5045	2.2884
1315	30.3	4.1246	3.1361	5683	30.3	4.1246	3.1361
1316	25.973	2.8068	2.4516	5684	25.973	2.8068	2.4516
1317	9.0583	3.1346	2.2325	5685	9.0583	3.1346	2.2325
1318	36.077	2.9216	2.8739	5686	36.077	2.9216	2.8739
1319	29.585	3.3409	2.831	5687	29.585	3.3409	2.831
1320	29.087	4.0214	2.2742	5688	29.087	4.0214	2.2742
1321	38.546	4.1514	2.7668	5689	38.546	4.1514	2.7668
1322	28	2.9381	3.0436	5690	28	2.9381	3.0436
1323	32.86	4.3741	3.7069	5691	32.86	4.3741	3.7069
1324	33.456	3.1119	2.5682	5692	33.456	3.1119	2.5682
1325	23.094	3.3824	2.8366	5693	23.094	3.3824	2.8366
1326	26.673	3.1364	3.0462	5694	26.673	3.1364	3.0462
1327	32.695	3.2444	2.3777	5695	32.695	3.2444	2.3777
1328	30.084	3.3613	2.5803	5696	30.084	3.3613	2.5803
1329	46.389	2.4133	2.062	5697	46.389	2.4133	2.062
1330	31.628	2.8771	2.8875	5698	31.628	2.8771	2.8875
1331	34.225	2.6022	2.8235	5699	34.225	2.6022	2.8235
1332	30.994	2.6305	2.894	5700	30.994	2.6305	2.894
1333	40.318	4.527	3.1812	5701	40.318	4.527	3.1812
1334	37.198	2.6335	2.3728	5702	37.198	2.6335	2.3728
1335	25.859	3.613	2.8062	5703	25.859	3.613	2.8062
1336	40.502	3.7328	2.7968	5704	40.502	3.7328	2.7968
1337	25.161	2.9346	2.3691	5705	25.161	2.9346	2.3691
1338	19.28	3.1344	2.3332	5706	19.28	3.1344	2.3332
1339	37.069	2.505	3.1716	5707	37.069	2.505	3.1716
1340	40.932	3.3014	3.2069	5708	40.932	3.3014	3.2069
1341	32.933	3.3256	2.4651	5709	32.933	3.3256	2.4651
1342	33.115	4.6036	3.4287	5710	33.115	4.6036	3.4287
1343	36.195	2.0144	2.7309	5711	36.195	2.0144	2.7309
1344	33.282	4.266	2.7776	5712	33.282	4.266	2.7776
1345	29.455	2.1773	2.1156	5713	29.455	2.1773	2.1156
1346	36.406	3.3144	2.6734	5714	36.406	3.3144	2.6734
1347	39.984	4.5582	3.0781	5715	39.984	4.5582	3.0781
1348	26.54	3.2446	3.209	5716	26.54	3.2446	3.209

1349	29.731	3.1148	3.5215	5717	29.731	3.1148	3.5215
1350	36.659	3.0735	1.6639	5718	36.659	3.0735	1.6639
1351	33.397	3.6074	1.5749	5719	33.397	3.6074	1.5749
1352	35.564	4.2848	0.86873	5720	35.564	4.2848	0.86873
1353	26.977	2.5745	3.5585	5721	26.977	2.5745	3.5585
1354	24.318	4.0464	1.9224	5722	24.318	4.0464	1.9224
1355	36.505	4.4988	1.8539	5723	36.505	4.4988	1.8539
1356	41.842	3.6179	1.9708	5724	41.842	3.6179	1.9708
1357	41.206	3.733	2.7307	5725	41.206	3.733	2.7307
1358	38.783	2.9504	2.5337	5726	38.783	2.9504	2.5337
1359	34.535	2.9951	4.0223	5727	34.535	2.9951	4.0223
1360	31.419	4.1442	1.8605	5728	31.419	4.1442	1.8605
1361	48.202	2.8084	2.55	5729	48.202	2.8084	2.55
1362	40.326	3.5737	2.3233	5730	40.326	3.5737	2.3233
1363	29.199	2.1842	1.5725	5731	29.199	2.1842	1.5725
1364	33.867	2.1263	2.192	5732	33.867	2.1263	2.192
1365	23.772	2.2834	0.94621	5733	23.772	2.2834	0.94621
1366	24.07	2.9163	2.3452	5734	24.07	2.9163	2.3452
1367	29.173	4.3521	2.2439	5735	29.173	4.3521	2.2439
1368	37.819	3.1166	3.1211	5736	37.819	3.1166	3.1211
1369	32.86	2.4776	3.0881	5737	32.86	2.4776	3.0881
1370	32.986	2.9285	2.7205	5738	32.986	2.9285	2.7205
1371	31.439	3.798	1.6004	5739	31.439	3.798	1.6004
1372	21.002	3.4107	2.5828	5740	21.002	3.4107	2.5828
1373	32.576	3.8726	2.3489	5741	32.576	3.8726	2.3489
1374	31.705	3.4185	2.3364	5742	31.705	3.4185	2.3364
1375	33.629	1.7373	2.8172	5743	33.629	1.7373	2.8172
1376	40.909	3.1598	2.8689	5744	40.909	3.1598	2.8689
1377	35.96	3.9431	3.1726	5745	35.96	3.9431	3.1726
1378	30.362	3.3022	1.8376	5746	30.362	3.3022	1.8376
1379	39.837	2.9071	2.3461	5747	39.837	2.9071	2.3461
1380	28.11	2.6018	2.3902	5748	28.11	2.6018	2.3902
1381	24.639	3.3961	2.1466	5749	24.639	3.3961	2.1466
1382	40.914	3.3501	3.0104	5750	40.914	3.3501	3.0104
1383	16.712	2.9032	2.158	5751	16.712	2.9032	2.158
1384	25.879	3.3221	1.8322	5752	25.879	3.3221	1.8322
1385	19.248	1.945	1.598	5753	19.248	1.945	1.598
1386	31.537	1.9761	1.9353	5754	31.537	1.9761	1.9353
1387	41.38	3.5174	1.6531	5755	41.38	3.5174	1.6531
1388	41.319	4.3246	2.8256	5756	41.319	4.3246	2.8256
1389	31.074	2.935	3.5014	5757	31.074	2.935	3.5014
1390	30.652	3.4502	2.0962	5758	30.652	3.4502	2.0962
1391	37.702	3.205	2.7432	5759	37.702	3.205	2.7432
1392	35.751	5.0362	3.589	5760	35.751	5.0362	3.589
1393	25.384	3.3039	1.5584	5761	25.384	3.3039	1.5584
1394	34.306	3.8816	1.6102	5762	34.306	3.8816	1.6102
1395	32.69	4.4059	2.1954	5763	32.69	4.4059	2.1954
1396	31.805	3.4718	2.5725	5764	31.805	3.4718	2.5725
1397	36.859	4.3066	2.181	5765	36.859	4.3066	2.181
1398	38.469	4.2577	2.0004	5766	38.469	4.2577	2.0004
1399	21.173	2.5152	2.2036	5767	21.173	2.5152	2.2036
1400	33.661	3.5185	2.1238	5768	33.661	3.5185	2.1238
1401	20.4	3.2388	3.6082	5769	20.4	3.2388	3.6082
1402	29.337	2.5343	2.1413	5770	29.337	2.5343	2.1413
1403	38.609	4.0031	2.5992	5771	38.609	4.0031	2.5992
1404	36.76	2.4204	2.7668	5772	36.76	2.4204	2.7668
1405	43.394	2.5407	1.8216	5773	43.394	2.5407	1.8216
1406	28.171	2.8913	3.3304	5774	28.171	2.8913	3.3304
1407	35.102	1.8934	3.2345	5775	35.102	1.8934	3.2345
1408	45.048	3.4877	2.6642	5776	45.048	3.4877	2.6642
1409	39.19	3.0497	2.1674	5777	39.19	3.0497	2.1674
1410	34.038	3.1583	2.9873	5778	34.038	3.1583	2.9873
1411	22.682	3.9622	3.6629	5779	22.682	3.9622	3.6629
1412	30.474	4.181	1.5238	5780	30.474	4.181	1.5238
1413	21.296	3.9956	2.8356	5781	21.296	3.9956	2.8356
1414	21.648	3.5568	2.5024	5782	21.648	3.5568	2.5024
1415	28.052	3.667	2.5759	5783	28.052	3.667	2.5759

1416	27.745	2.9936	2.5725	5784	27.745	2.9936	2.5725
1417	28.348	4.1242	2.7482	5785	28.348	4.1242	2.7482
1418	40.882	3.5635	2.4281	5786	40.882	3.5635	2.4281
1419	35.076	2.1542	2.2202	5787	35.076	2.1542	2.2202
1420	17.285	3.1281	2.2557	5788	17.285	3.1281	2.2557
1421	29.523	3.0028	2.1443	5789	29.523	3.0028	2.1443
1422	28.919	3.2984	2.1324	5790	28.919	3.2984	2.1324
1423	47.851	4.0587	2.7286	5791	47.851	4.0587	2.7286
1424	30.543	2.539	2.5979	5792	30.543	2.539	2.5979
1425	20.953	3.3259	2.0815	5793	20.953	3.3259	2.0815
1426	39.443	4.0281	2.3233	5794	39.443	4.0281	2.3233
1427	23.986	2.6345	2.6863	5795	23.986	2.6345	2.6863
1428	39.136	3.8399	1.4055	5796	39.136	3.8399	1.4055
1429	34.381	2.3569	2.5206	5797	34.381	2.3569	2.5206
1430	30.019	2.7217	3.5192	5798	30.019	2.7217	3.5192
1431	31.948	3.7833	3.1905	5799	31.948	3.7833	3.1905
1432	38.523	2.6451	2.8709	5800	38.523	2.6451	2.8709
1433	21.047	2.6997	1.6457	5801	21.047	2.6997	1.6457
1434	34.965	3.3209	2.598	5802	34.965	3.3209	2.598
1435	29.282	3.0477	1.931	5803	29.282	3.0477	1.931
1436	29.42	2.427	2.9493	5804	29.42	2.427	2.9493
1437	47.073	3.5129	3.1287	5805	47.073	3.5129	3.1287
1438	33.388	4.5223	2.2219	5806	33.388	4.5223	2.2219
1439	25.184	2.8205	1.7322	5807	25.184	2.8205	1.7322
1440	41.966	4.4261	2.3476	5808	41.966	4.4261	2.3476
1441	40.184	3.5701	2.6716	5809	40.184	3.5701	2.6716
1442	29.879	3.3655	2.9347	5810	29.879	3.3655	2.9347
1443	19.448	2.8797	2.1608	5811	19.448	2.8797	2.1608
1444	29.676	3.4343	3.4925	5812	29.676	3.4343	3.4925
1445	40.942	2.2127	1.5291	5813	40.942	2.2127	1.5291
1446	40.178	2.953	3.0759	5814	40.178	2.953	3.0759
1447	30.841	3.6678	2.9979	5815	30.841	3.6678	2.9979
1448	41.407	3.9221	2.1703	5816	41.407	3.9221	2.1703
1449	35.844	2.5291	1.7739	5817	35.844	2.5291	1.7739
1450	29.144	3.5603	3.212	5818	29.144	3.5603	3.212
1451	16.146	3.2506	3.1396	5819	16.146	3.2506	3.1396
1452	37.815	4.4346	3.6044	5820	37.815	4.4346	3.6044
1453	33.738	3.4265	4.3703	5821	33.738	3.4265	4.3703
1454	44.825	3.8358	1.5037	5822	44.825	3.8358	1.5037
1455	37.239	3.2873	2.26	5823	37.239	3.2873	2.26
1456	21.079	3.0925	2.6855	5824	21.079	3.0925	2.6855
1457	25.809	2.822	1.9489	5825	25.809	2.822	1.9489
1458	41.484	3.6047	1.8505	5826	41.484	3.6047	1.8505
1459	23.693	3.4947	3.6621	5827	23.693	3.4947	3.6621
1460	40.28	2.7008	1.9145	5828	40.28	2.7008	1.9145
1461	40.584	3.1028	3.4151	5829	40.584	3.1028	3.4151
1462	36.277	4.6298	2.1959	5830	36.277	4.6298	2.1959
1463	20.282	4.4139	2.4614	5831	20.282	4.4139	2.4614
1464	20.129	3.0761	1.6204	5832	20.129	3.0761	1.6204
1465	50.288	3.5027	2.8519	5833	50.288	3.5027	2.8519
1466	36.201	3.4644	2.4912	5834	36.201	3.4644	2.4912
1467	38.495	2.852	2.6113	5835	38.495	2.852	2.6113
1468	34.676	4.1164	2.6032	5836	34.676	4.1164	2.6032
1469	30.234	3.826	1.9784	5837	30.234	3.826	1.9784
1470	9.7378	1.9883	3.165	5838	9.7378	1.9883	3.165
1471	17.455	3.2841	2.6698	5839	17.455	3.2841	2.6698
1472	35.236	3.6705	2.5285	5840	35.236	3.6705	2.5285
1473	39.596	3.5513	3.0179	5841	39.596	3.5513	3.0179
1474	40.019	2.7571	2.1434	5842	40.019	2.7571	2.1434
1475	21.563	3.0841	2.9961	5843	21.563	3.0841	2.9961
1476	43.657	3.5271	2.5626	5844	43.657	3.5271	2.5626
1477	39.4	3.678	2.6466	5845	39.4	3.678	2.6466
1478	22.968	3.6325	1.9209	5846	22.968	3.6325	1.9209
1479	31.237	4.5348	2.6259	5847	31.237	4.5348	2.6259
1480	42.758	3.7899	1.8307	5848	42.758	3.7899	1.8307
1481	34.287	3.4467	2.745	5849	34.287	3.4467	2.745
1482	36.966	3.5057	2.3831	5850	36.966	3.5057	2.3831

1483	34.864	3.3034	2.758	5851	34.864	3.3034	2.758
1484	32.963	2.9872	1.6208	5852	32.963	2.9872	1.6208
1485	14.918	2.9264	2.0095	5853	14.918	2.9264	2.0095
1486	45.185	5.109	2.4954	5854	45.185	5.109	2.4954
1487	37.986	3.8236	3.0763	5855	37.986	3.8236	3.0763
1488	36.052	3.3095	2.8921	5856	36.052	3.3095	2.8921
1489	25.746	2.1204	3.8892	5857	25.746	2.1204	3.8892
1490	30.114	2.2225	2.5793	5858	30.114	2.2225	2.5793
1491	34.421	3.4625	2.3545	5859	34.421	3.4625	2.3545
1492	25.605	2.3929	1.5465	5860	25.605	2.3929	1.5465
1493	34.044	3.2123	2.4932	5861	34.044	3.2123	2.4932
1494	44.481	1.2424	2.778	5862	44.481	1.2424	2.778
1495	37.356	3.4746	1.7508	5863	37.356	3.4746	1.7508
1496	24.555	2.9847	2.4296	5864	24.555	2.9847	2.4296
1497	41.21	3.0592	2.287	5865	41.21	3.0592	2.287
1498	38.34	3.8929	2.6407	5866	38.34	3.8929	2.6407
1499	38.25	2.9149	2.0426	5867	38.25	2.9149	2.0426
1500	43.688	3.4376	2.4681	5868	43.688	3.4376	2.4681
1501	36.895	3.5684	2.4261	5869	36.895	3.5684	2.4261
1502	43.808	3.0106	2.4465	5870	43.808	3.0106	2.4465
1503	34.524	2.3231	3.2231	5871	34.524	2.3231	3.2231
1504	40.722	4.2033	2.6245	5872	40.722	4.2033	2.6245
1505	29.77	4.1275	2.1695	5873	29.77	4.1275	2.1695
1506	29.275	3.1587	2.6556	5874	29.275	3.1587	2.6556
1507	30.407	2.3166	2.3847	5875	30.407	2.3166	2.3847
1508	39.377	3.1029	2.3928	5876	39.377	3.1029	2.3928
1509	38.505	3.1838	2.4074	5877	38.505	3.1838	2.4074
1510	40.926	3.7637	2.4141	5878	40.926	3.7637	2.4141
1511	37.333	5.2372	2.426	5879	37.333	5.2372	2.426
1512	35.027	2.369	1.7886	5880	35.027	2.369	1.7886
1513	37.407	2.2871	2.6064	5881	37.407	2.2871	2.6064
1514	46.1	3.4141	1.8541	5882	46.1	3.4141	1.8541
1515	30.921	2.287	2.4739	5883	30.921	2.287	2.4739
1516	19.605	3.8506	2.3817	5884	19.605	3.8506	2.3817
1517	39.911	4.0273	3.122	5885	39.911	4.0273	3.122
1518	28.961	3.2283	3.5004	5886	28.961	3.2283	3.5004
1519	14.236	3.8953	2.5168	5887	14.236	3.8953	2.5168
1520	25.848	3.8673	2.7081	5888	25.848	3.8673	2.7081
1521	33.113	2.7518	2.6641	5889	33.113	2.7518	2.6641
1522	43.786	2.3011	2.7532	5890	43.786	2.3011	2.7532
1523	39.685	2.9792	3.6826	5891	39.685	2.9792	3.6826
1524	41.735	3.0714	3.2856	5892	41.735	3.0714	3.2856
1525	33.459	4.1241	3.3192	5893	33.459	4.1241	3.3192
1526	31.764	4.2849	3.0808	5894	31.764	4.2849	3.0808
1527	35.607	3.5043	3.5039	5895	35.607	3.5043	3.5039
1528	26.346	3.8638	2.0279	5896	26.346	3.8638	2.0279
1529	31.334	2.6056	1.9179	5897	31.334	2.6056	1.9179
1530	42.081	2.4472	2.5451	5898	42.081	2.4472	2.5451
1531	31.383	3.8784	2.0774	5899	31.383	3.8784	2.0774
1532	26.68	4.1748	1.4115	5900	26.68	4.1748	1.4115
1533	38.7	3.9204	2.0668	5901	38.7	3.9204	2.0668
1534	45.838	4.0799	3.1789	5902	45.838	4.0799	3.1789
1535	34.124	2.7434	2.443	5903	34.124	2.7434	2.443
1536	31.24	2.1163	2.1343	5904	31.24	2.1163	2.1343
1537	37.922	1.8306	2.6048	5905	37.922	1.8306	2.6048
1538	31.203	1.829	2.913	5906	31.203	1.829	2.913
1539	28.695	3.3597	2.5458	5907	28.695	3.3597	2.5458
1540	32.793	3.9551	1.8599	5908	32.793	3.9551	1.8599
1541	42.984	2.891	3.8092	5909	42.984	2.891	3.8092
1542	37.582	3.2098	2.0803	5910	37.582	3.2098	2.0803
1543	32.901	2.2191	2.0112	5911	32.901	2.2191	2.0112
1544	15.759	3.7065	2.6045	5912	15.759	3.7065	2.6045
1545	32.837	4.1239	2.1463	5913	32.837	4.1239	2.1463
1546	38.971	4.0182	3.7668	5914	38.971	4.0182	3.7668
1547	47.319	3.7164	2.8441	5915	47.319	3.7164	2.8441
1548	28.743	2.1143	3.1325	5916	28.743	2.1143	3.1325
1549	33.236	3.1011	3.1762	5917	33.236	3.1011	3.1762

1550	31.414	2.6585	2.8233	5918	31.414	2.6585	2.8233
1551	42.137	3.0826	1.9763	5919	42.137	3.0826	1.9763
1552	35.502	3.9049	2.587	5920	35.502	3.9049	2.587
1553	37.762	2.8563	2.6363	5921	37.762	2.8563	2.6363
1554	25.981	3.554	2.1901	5922	25.981	3.554	2.1901
1555	26.397	2.2282	3.2806	5923	26.397	2.2282	3.2806
1556	34.759	1.5566	2.1693	5924	34.759	1.5566	2.1693
1557	38.953	2.4988	2.9124	5925	38.953	2.4988	2.9124
1558	31.912	2.6034	2.4091	5926	31.912	2.6034	2.4091
1559	38.618	3.8609	2.7603	5927	38.618	3.8609	2.7603
1560	19.807	3.828	3.5685	5928	19.807	3.828	3.5685
1561	37.423	2.5178	2.4212	5929	37.423	2.5178	2.4212
1562	27.253	4.3109	2.5336	5930	27.253	4.3109	2.5336
1563	30.717	2.1733	2.8569	5931	30.717	2.1733	2.8569
1564	15.131	2.8349	2.7698	5932	15.131	2.8349	2.7698
1565	34.892	3.372	3.1138	5933	34.892	3.372	3.1138
1566	32.847	4.5092	2.3534	5934	32.847	4.5092	2.3534
1567	45.205	3.6503	1.82	5935	45.205	3.6503	1.82
1568	35.913	3.0867	2.3037	5936	35.913	3.0867	2.3037
1569	19.864	3.7943	3.0763	5937	19.864	3.7943	3.0763
1570	23.325	3.9197	2.4904	5938	23.325	3.9197	2.4904
1571	34.317	3.5328	2.5765	5939	34.317	3.5328	2.5765
1572	30.047	2.8386	4.0749	5940	30.047	2.8386	4.0749
1573	49.897	2.5863	3.0025	5941	49.897	2.5863	3.0025
1574	38.58	3.9175	2.1637	5942	38.58	3.9175	2.1637
1575	26.505	2.2596	2.1298	5943	26.505	2.2596	2.1298
1576	37.374	4.3326	1.8685	5944	37.374	4.3326	1.8685
1577	34.593	3.6348	1.7571	5945	34.593	3.6348	1.7571
1578	28.069	2.2704	1.6033	5946	28.069	2.2704	1.6033
1579	31.761	2.9393	2.4429	5947	31.761	2.9393	2.4429
1580	32.43	3.5671	2.5562	5948	32.43	3.5671	2.5562
1581	31.398	4.2746	1.7924	5949	31.398	4.2746	1.7924
1582	25.185	3.3924	3.3925	5950	25.185	3.3924	3.3925
1583	35.531	3.4609	2.8512	5951	35.531	3.4609	2.8512
1584	30.884	4.0428	2.2316	5952	30.884	4.0428	2.2316
1585	22.211	3.5357	2.4829	5953	22.211	3.5357	2.4829
1586	24.98	4.0847	3.3857	5954	24.98	4.0847	3.3857
1587	28.253	4.0359	2.5415	5955	28.253	4.0359	2.5415
1588	42.594	3.8409	3.1876	5956	42.594	3.8409	3.1876
1589	43.1	2.2874	2.6082	5957	43.1	2.2874	2.6082
1590	44.083	3.3863	2.2966	5958	44.083	3.3863	2.2966
1591	27.656	3.2096	2.4719	5959	27.656	3.2096	2.4719
1592	19.461	2.7355	1.4663	5960	19.461	2.7355	1.4663
1593	23.412	3.463	2.9133	5961	23.412	3.463	2.9133
1594	25.527	3.0175	3.6762	5962	25.527	3.0175	3.6762
1595	38.897	2.6212	2.6522	5963	38.897	2.6212	2.6522
1596	25.185	2.3115	1.5319	5964	25.185	2.3115	1.5319
1597	46.977	3.4045	2.6635	5965	46.977	3.4045	2.6635
1598	11.919	3.7033	1.628	5966	11.919	3.7033	1.628
1599	25.07	3.4956	2.9677	5967	25.07	3.4956	2.9677
1600	32.494	2.6535	3.512	5968	32.494	2.6535	3.512
1601	33.251	3.17	2.7547	5969	33.251	3.17	2.7547
1602	36.87	3.6086	2.3087	5970	36.87	3.6086	2.3087
1603	21.73	3.2538	1.8994	5971	21.73	3.2538	1.8994
1604	40.072	1.5163	3.674	5972	40.072	1.5163	3.674
1605	32.218	2.778	2.5371	5973	32.218	2.778	2.5371
1606	23.553	2.9949	2.7417	5974	23.553	2.9949	2.7417
1607	22.398	3.1247	3.3196	5975	22.398	3.1247	3.3196
1608	35.318	4.0969	1.6449	5976	35.318	4.0969	1.6449
1609	34.916	3.2398	3.3044	5977	34.916	3.2398	3.3044
1610	37.818	2.5292	2.0342	5978	37.818	2.5292	2.0342
1611	50.473	3.2967	2.3937	5979	50.473	3.2967	2.3937
1612	34.999	2.8492	3.22	5980	34.999	2.8492	3.22
1613	32.151	3.8044	2.7855	5981	32.151	3.8044	2.7855
1614	40.269	3.2831	2.2385	5982	40.269	3.2831	2.2385
1615	39.597	1.8511	1.5432	5983	39.597	1.8511	1.5432
1616	31.478	2.7054	2.8559	5984	31.478	2.7054	2.8559

1617	29.8	2.8998	2.5851	5985	29.8	2.8998	2.5851
1618	30.31	5.3873	3.2699	5986	30.31	5.3873	3.2699
1619	31.476	2.015	2.0677	5987	31.476	2.015	2.0677
1620	27.463	2.5805	2.3361	5988	27.463	2.5805	2.3361
1621	26.438	3.5139	2.2984	5989	26.438	3.5139	2.2984
1622	34.618	4.0158	3.2119	5990	34.618	4.0158	3.2119
1623	25.828	2.9355	2.8594	5991	25.828	2.9355	2.8594
1624	41.718	2.3569	1.8557	5992	41.718	2.3569	1.8557
1625	23.051	2.7632	2.6383	5993	23.051	2.7632	2.6383
1626	29.893	2.8201	2.5441	5994	29.893	2.8201	2.5441
1627	39.36	4.1308	2.0727	5995	39.36	4.1308	2.0727
1628	35.621	3.9103	2.1095	5996	35.621	3.9103	2.1095
1629	33.393	4.1416	2.5365	5997	33.393	4.1416	2.5365
1630	34.415	3.4552	3.311	5998	34.415	3.4552	3.311
1631	36.881	3.5245	1.8706	5999	36.881	3.5245	1.8706
1632	42.808	1.973	2.2143	6000	42.808	1.973	2.2143
1633	23.388	3.7228	2.7372	6001	23.388	3.7228	2.7372
1634	32.868	0.8528	1.9149	6002	32.868	0.8528	1.9149
1635	30.06	2.3967	2.9866	6003	30.06	2.3967	2.9866
1636	31.783	2.5409	3.2457	6004	31.783	2.5409	3.2457
1637	24.093	4.8063	3.2773	6005	24.093	4.8063	3.2773
1638	39.187	4.2495	2.7581	6006	39.187	4.2495	2.7581
1639	30.804	3.7522	2.4453	6007	30.804	3.7522	2.4453
1640	37.558	3.2435	1.7135	6008	37.558	3.2435	1.7135
1641	34.363	2.5407	2.034	6009	34.363	2.5407	2.034
1642	29.244	4.5944	2.9379	6010	29.244	4.5944	2.9379
1643	21.75	5.0435	3.08	6011	21.75	5.0435	3.08
1644	34.491	3.2206	3.4906	6012	34.491	3.2206	3.4906
1645	33.477	4.9288	1.8184	6013	33.477	4.9288	1.8184
1646	23.291	3.0864	2.8563	6014	23.291	3.0864	2.8563
1647	45.186	3.743	2.2525	6015	45.186	3.743	2.2525
1648	33.998	3.6541	2.1845	6016	33.998	3.6541	2.1845
1649	35.639	2.6419	1.5862	6017	35.639	2.6419	1.5862
1650	31.258	2.6436	3.7655	6018	31.258	2.6436	3.7655
1651	34.121	3.277	2.4408	6019	34.121	3.277	2.4408
1652	47.177	3.9796	2.7653	6020	47.177	3.9796	2.7653
1653	20.442	2.9612	2.2755	6021	20.442	2.9612	2.2755
1654	36.346	3.1567	3.5837	6022	36.346	3.1567	3.5837
1655	27.424	3.208	2.1438	6023	27.424	3.208	2.1438
1656	27.697	3.6427	3.2239	6024	27.697	3.6427	3.2239
1657	33.427	2.4235	3.2588	6025	33.427	2.4235	3.2588
1658	37.242	3.144	1.4676	6026	37.242	3.144	1.4676
1659	24.25	2.8003	3.1456	6027	24.25	2.8003	3.1456
1660	41.815	3.6601	2.707	6028	41.815	3.6601	2.707
1661	33.994	3.1999	2.1341	6029	33.994	3.1999	2.1341
1662	34.69	1.8348	1.2006	6030	34.69	1.8348	1.2006
1663	37.975	4.3748	2.5637	6031	37.975	4.3748	2.5637
1664	37.052	3.315	2.8634	6032	37.052	3.315	2.8634
1665	16.121	4.1105	2.8923	6033	16.121	4.1105	2.8923
1666	34.631	2.7215	2.1831	6034	34.631	2.7215	2.1831
1667	34.316	1.8547	2.5743	6035	34.316	1.8547	2.5743
1668	35.001	2.7637	2.1836	6036	35.001	2.7637	2.1836
1669	28.46	2.3572	2.9699	6037	28.46	2.3572	2.9699
1670	27.926	4.0384	2.7068	6038	27.926	4.0384	2.7068
1671	25.599	2.9992	2.4727	6039	25.599	2.9992	2.4727
1672	41.328	2.3461	2.5152	6040	41.328	2.3461	2.5152
1673	30.756	3.605	3.6425	6041	30.756	3.605	3.6425
1674	33.456	2.5028	1.8927	6042	33.456	2.5028	1.8927
1675	31.721	1.8184	1.5542	6043	31.721	1.8184	1.5542
1676	31.596	2.0028	3.3524	6044	31.596	2.0028	3.3524
1677	36.866	2.8735	3.0587	6045	36.866	2.8735	3.0587
1678	26.008	4.8134	2.1917	6046	26.008	4.8134	2.1917
1679	36.605	2.2344	2.6898	6047	36.605	2.2344	2.6898
1680	23.26	4.9401	2.1835	6048	23.26	4.9401	2.1835
1681	37.697	4.8707	2.565	6049	37.697	4.8707	2.565
1682	46.601	4.2747	2.6643	6050	46.601	4.2747	2.6643
1683	37.116	2.4972	1.7194	6051	37.116	2.4972	1.7194

1684	30.498	3.4158	3.5083	6052	30.498	3.4158	3.5083
1685	30.262	1.7469	1.9979	6053	30.262	1.7469	1.9979
1686	37.7	2.619	2.1287	6054	37.7	2.619	2.1287
1687	34.297	3.8308	3.1982	6055	34.297	3.8308	3.1982
1688	18.996	3.3955	2.6404	6056	18.996	3.3955	2.6404
1689	19.95	2.4273	2.453	6057	19.95	2.4273	2.453
1690	30.268	3.1859	2.6887	6058	30.268	3.1859	2.6887
1691	32.974	3.6692	2.4056	6059	32.974	3.6692	2.4056
1692	39.914	2.605	3.3104	6060	39.914	2.605	3.3104
1693	22.405	3.3133	2.6016	6061	22.405	3.3133	2.6016
1694	33.977	3.2706	3.0566	6062	33.977	3.2706	3.0566
1695	33.017	1.7772	2.0407	6063	33.017	1.7772	2.0407
1696	27.481	3.7649	2.5714	6064	27.481	3.7649	2.5714
1697	48.095	2.8688	3.4308	6065	48.095	2.8688	3.4308
1698	27.862	3.7149	2.1044	6066	27.862	3.7149	2.1044
1699	36.971	3.435	2.7587	6067	36.971	3.435	2.7587
1700	42.924	2.9577	2.8114	6068	42.924	2.9577	2.8114
1701	32.911	3.6368	2.578	6069	32.911	3.6368	2.578
1702	41.737	3.6942	2.3281	6070	41.737	3.6942	2.3281
1703	33.306	2.1152	1.6706	6071	33.306	2.1152	1.6706
1704	27.725	3.0803	2.0808	6072	27.725	3.0803	2.0808
1705	47.057	3.2346	2.4496	6073	47.057	3.2346	2.4496
1706	34.798	3.1391	2.1952	6074	34.798	3.1391	2.1952
1707	34.048	3.414	2.791	6075	34.048	3.414	2.791
1708	34.564	2.699	2.8364	6076	34.564	2.699	2.8364
1709	20.916	4.0981	3.1893	6077	20.916	4.0981	3.1893
1710	26.488	3.2085	2.1417	6078	26.488	3.2085	2.1417
1711	29.93	3.0098	1.9194	6079	29.93	3.0098	1.9194
1712	28.971	3.5259	2.0219	6080	28.971	3.5259	2.0219
1713	31.759	2.1784	2.5704	6081	31.759	2.1784	2.5704
1714	29.054	3.587	3.0376	6082	29.054	3.587	3.0376
1715	40.506	2.7321	2.4515	6083	40.506	2.7321	2.4515
1716	34.371	3.5723	2.8519	6084	34.371	3.5723	2.8519
1717	35.308	3.0399	2.3631	6085	35.308	3.0399	2.3631
1718	38.627	2.2419	2.0922	6086	38.627	2.2419	2.0922
1719	23.342	4.2763	2.5744	6087	23.342	4.2763	2.5744
1720	27.111	2.7717	2.2565	6088	27.111	2.7717	2.2565
1721	34.721	3.1486	3.05	6089	34.721	3.1486	3.05
1722	30.08	2.1272	2.4938	6090	30.08	2.1272	2.4938
1723	34.05	4.1847	2.6427	6091	34.05	4.1847	2.6427
1724	29.842	2.865	2.6218	6092	29.842	2.865	2.6218
1725	31.507	3.9556	2.6825	6093	31.507	3.9556	2.6825
1726	22.089	3.6406	2.9684	6094	22.089	3.6406	2.9684
1727	32.95	2.0121	2.5333	6095	32.95	2.0121	2.5333
1728	48.13	3.2554	1.7966	6096	48.13	3.2554	1.7966
1729	32.063	3.0983	2.3378	6097	32.063	3.0983	2.3378
1730	29.671	3.5903	3.1476	6098	29.671	3.5903	3.1476
1731	29.82	3.3093	3.6411	6099	29.82	3.3093	3.6411
1732	21.685	2.4652	3.8166	6100	21.685	2.4652	3.8166
1733	42.739	4.0181	2.1788	6101	42.739	4.0181	2.1788
1734	46.876	3.1087	3.6128	6102	46.876	3.1087	3.6128
1735	31.253	2.1653	3.084	6103	31.253	2.1653	3.084
1736	21.867	3.4963	2.8529	6104	21.867	3.4963	2.8529
1737	24.577	2.6005	2.5209	6105	24.577	2.6005	2.5209
1738	23.098	3.4236	2.466	6106	23.098	3.4236	2.466
1739	25.862	2.7807	0.53509	6107	25.862	2.7807	0.53509
1740	32.022	2.3894	3.5889	6108	32.022	2.3894	3.5889
1741	15.842	4.8496	3.3357	6109	15.842	4.8496	3.3357
1742	29.565	3.024	3.1298	6110	29.565	3.024	3.1298
1743	35.78	4.8265	3.7019	6111	35.78	4.8265	3.7019
1744	34.345	4.056	2.6533	6112	34.345	4.056	2.6533
1745	36.924	3.9771	3.519	6113	36.924	3.9771	3.519
1746	43.125	3.2227	2.8293	6114	43.125	3.2227	2.8293
1747	33.226	2.4546	3.1062	6115	33.226	2.4546	3.1062
1748	29.275	3.6479	2.6859	6116	29.275	3.6479	2.6859
1749	33.574	3.9451	1.8528	6117	33.574	3.9451	1.8528
1750	39.759	3.2683	2.0094	6118	39.759	3.2683	2.0094

1751	36.163	3.0034	3.241	6119	36.163	3.0034	3.241
1752	36.928	2.8483	1.9915	6120	36.928	2.8483	1.9915
1753	28.003	2.0646	3.2843	6121	28.003	2.0646	3.2843
1754	39.433	2.8843	2.7868	6122	39.433	2.8843	2.7868
1755	35.12	4.3168	2.9539	6123	35.12	4.3168	2.9539
1756	29.404	3.0723	2.9327	6124	29.404	3.0723	2.9327
1757	30.21	2.5824	2.5479	6125	30.21	2.5824	2.5479
1758	40.707	2.6328	3.4136	6126	40.707	2.6328	3.4136
1759	29.794	3.3411	2.7717	6127	29.794	3.3411	2.7717
1760	28.43	3.8909	2.7468	6128	28.43	3.8909	2.7468
1761	39.123	3.2714	2.1277	6129	39.123	3.2714	2.1277
1762	32.543	3.3021	3.0715	6130	32.543	3.3021	3.0715
1763	45.755	3.462	2.7853	6131	45.755	3.462	2.7853
1764	40.943	3.2364	3.4875	6132	40.943	3.2364	3.4875
1765	43.289	4.1701	3.7475	6133	43.289	4.1701	3.7475
1766	35.36	3.9977	2.3051	6134	35.36	3.9977	2.3051
1767	21.41	3.2343	3.1336	6135	21.41	3.2343	3.1336
1768	26.146	1.8338	3.143	6136	26.146	1.8338	3.143
1769	33.161	3.5877	2.5014	6137	33.161	3.5877	2.5014
1770	36.972	3.0742	3.0079	6138	36.972	3.0742	3.0079
1771	24.592	3.1068	2.5231	6139	24.592	3.1068	2.5231
1772	28.773	2.0394	1.9098	6140	28.773	2.0394	1.9098
1773	32.897	2.7907	3.5195	6141	32.897	2.7907	3.5195
1774	27.337	2.4882	3.2816	6142	27.337	2.4882	3.2816
1775	28.934	2.4572	3.1715	6143	28.934	2.4572	3.1715
1776	37.568	4.0478	2.6671	6144	37.568	4.0478	2.6671
1777	33.739	2.283	3.2793	6145	33.739	2.283	3.2793
1778	31.62	2.8824	2.5938	6146	31.62	2.8824	2.5938
1779	44.309	3.7443	2.5901	6147	44.309	3.7443	2.5901
1780	27.588	3.8675	2.4177	6148	27.588	3.8675	2.4177
1781	39.745	2.9795	1.4853	6149	39.745	2.9795	1.4853
1782	26.045	4.8878	2.6936	6150	26.045	4.8878	2.6936
1783	33.887	3.0308	2.5906	6151	33.887	3.0308	2.5906
1784	27.667	3.5455	2.6523	6152	27.667	3.5455	2.6523
1785	29.897	3.8974	3.4091	6153	29.897	3.8974	3.4091
1786	40.503	3.4041	1.1127	6154	40.503	3.4041	1.1127
1787	29.47	3.2789	1.8979	6155	29.47	3.2789	1.8979
1788	13.293	2.5468	2.4609	6156	13.293	2.5468	2.4609
1789	32.155	3.4907	3.0349	6157	32.155	3.4907	3.0349
1790	38.021	3.9911	2.5389	6158	38.021	3.9911	2.5389
1791	42.454	2.0727	1.7085	6159	42.454	2.0727	1.7085
1792	36.743	1.8875	3.7437	6160	36.743	1.8875	3.7437
1793	49.07	2.3139	2.9337	6161	49.07	2.3139	2.9337
1794	40.908	2.7821	2.2686	6162	40.908	2.7821	2.2686
1795	30.37	2.3619	2.603	6163	30.37	2.3619	2.603
1796	33.378	3.3303	2.9326	6164	33.378	3.3303	2.9326
1797	45.618	2.1291	2.8246	6165	45.618	2.1291	2.8246
1798	26.282	3.5332	3.3648	6166	26.282	3.5332	3.3648
1799	28.242	3.9494	3.2123	6167	28.242	3.9494	3.2123
1800	39.359	2.8432	2.8976	6168	39.359	2.8432	2.8976
1801	32.68	3.5964	2.8331	6169	32.68	3.5964	2.8331
1802	35.027	2.6469	2.6411	6170	35.027	2.6469	2.6411
1803	24.456	2.1896	2.3127	6171	24.456	2.1896	2.3127
1804	31.615	4.274	2.8675	6172	31.615	4.274	2.8675
1805	43.09	3.9409	3.1762	6173	43.09	3.9409	3.1762
1806	23.221	3.2482	2.793	6174	23.221	3.2482	2.793
1807	37.967	3.1874	2.6249	6175	37.967	3.1874	2.6249
1808	24.268	2.5884	3.646	6176	24.268	2.5884	3.646
1809	25.436	4.5635	3.1215	6177	25.436	4.5635	3.1215
1810	41.295	3.4181	2.187	6178	41.295	3.4181	2.187
1811	33.125	3.1655	2.1248	6179	33.125	3.1655	2.1248
1812	22.014	4.0664	2.2434	6180	22.014	4.0664	2.2434
1813	42.665	3.7269	3.4824	6181	42.665	3.7269	3.4824
1814	33.702	3.1869	3.1763	6182	33.702	3.1869	3.1763
1815	21.458	3.5723	3.7053	6183	21.458	3.5723	3.7053
1816	37.627	3.7881	2.4771	6184	37.627	3.7881	2.4771
1817	18.955	2.3684	1.8109	6185	18.955	2.3684	1.8109

1818	33.677	2.7908	3.6845	6186	33.677	2.7908	3.6845
1819	35.959	3.9152	3.382	6187	35.959	3.9152	3.382
1820	27.232	1.9862	2.8451	6188	27.232	1.9862	2.8451
1821	23.865	3.4249	2.5268	6189	23.865	3.4249	2.5268
1822	28.489	2.585	2.0883	6190	28.489	2.585	2.0883
1823	41.012	2.6078	2.7854	6191	41.012	2.6078	2.7854
1824	39.743	3.0645	1.7119	6192	39.743	3.0645	1.7119
1825	25.586	4.7517	3.61	6193	25.586	4.7517	3.61
1826	27.267	3.6785	2.3426	6194	27.267	3.6785	2.3426
1827	36.214	3.4768	2.3266	6195	36.214	3.4768	2.3266
1828	25.254	2.6051	3.4067	6196	25.254	2.6051	3.4067
1829	22.465	3.8674	2.9231	6197	22.465	3.8674	2.9231
1830	39.139	2.8759	1.3477	6198	39.139	2.8759	1.3477
1831	48.009	3.1456	2.6558	6199	48.009	3.1456	2.6558
1832	31.898	2.4179	1.451	6200	31.898	2.4179	1.451
1833	34.892	3.2719	1.5338	6201	34.892	3.2719	1.5338
1834	21.825	3.5993	3.726	6202	21.825	3.5993	3.726
1835	32.061	3.6832	3.4856	6203	32.061	3.6832	3.4856
1836	41.379	3.5333	2.1237	6204	41.379	3.5333	2.1237
1837	34.76	2.9192	3.3103	6205	34.76	2.9192	3.3103
1838	34.517	3.1128	3.4766	6206	34.517	3.1128	3.4766
1839	37.425	4.0302	1.5091	6207	37.425	4.0302	1.5091
1840	25.673	3.3496	3.569	6208	25.673	3.3496	3.569
1841	15.349	3.4639	2.4425	6209	15.349	3.4639	2.4425
1842	30.46	1.9803	2.6831	6210	30.46	1.9803	2.6831
1843	40.487	2.5467	2.3921	6211	40.487	2.5467	2.3921
1844	34.375	3.4221	3.4308	6212	34.375	3.4221	3.4308
1845	17.223	3.774	2.7901	6213	17.223	3.774	2.7901
1846	37.576	3.3089	2.4239	6214	37.576	3.3089	2.4239
1847	26.61	3.3551	3.058	6215	26.61	3.3551	3.058
1848	37.659	2.4008	3.2992	6216	37.659	2.4008	3.2992
1849	40.056	2.9636	3.1376	6217	40.056	2.9636	3.1376
1850	44.64	3.6197	1.5674	6218	44.64	3.6197	1.5674
1851	44.952	3.023	1.8645	6219	44.952	3.023	1.8645
1852	31.599	2.8674	2.4735	6220	31.599	2.8674	2.4735
1853	27.521	3.8004	2.2701	6221	27.521	3.8004	2.2701
1854	25.616	3.5696	2.6044	6222	25.616	3.5696	2.6044
1855	44.143	3.9678	2.1632	6223	44.143	3.9678	2.1632
1856	24.607	3.5209	2.3622	6224	24.607	3.5209	2.3622
1857	31.117	2.1869	1.6862	6225	31.117	2.1869	1.6862
1858	39.781	1.9498	2.3044	6226	39.781	1.9498	2.3044
1859	41.152	2.6247	3.0734	6227	41.152	2.6247	3.0734
1860	25.103	3.5472	3.0139	6228	25.103	3.5472	3.0139
1861	37.05	3.6845	3.0748	6229	37.05	3.6845	3.0748
1862	26.65	3.68	2.7883	6230	26.65	3.68	2.7883
1863	33.857	2.846	2.3678	6231	33.857	2.846	2.3678
1864	28.294	3.4282	3.1848	6232	28.294	3.4282	3.1848
1865	41.618	3.6471	2.7103	6233	41.618	3.6471	2.7103
1866	16.386	1.4118	3.6378	6234	16.386	1.4118	3.6378
1867	27.445	3.1507	2.9759	6235	27.445	3.1507	2.9759
1868	36.495	3.7249	2.5953	6236	36.495	3.7249	2.5953
1869	37.747	4.586	1.2474	6237	37.747	4.586	1.2474
1870	29.913	4.1826	3.2288	6238	29.913	4.1826	3.2288
1871	27.327	3.1596	3.0482	6239	27.327	3.1596	3.0482
1872	34.188	3.104	3.2075	6240	34.188	3.104	3.2075
1873	30.522	3.0788	2.828	6241	30.522	3.0788	2.828
1874	27.934	5.3709	2.802	6242	27.934	5.3709	2.802
1875	27.473	2.592	3.3449	6243	27.473	2.592	3.3449
1876	34.162	4.0052	3.3762	6244	34.162	4.0052	3.3762
1877	25.119	4.0898	2.9797	6245	25.119	4.0898	2.9797
1878	22.62	2.6093	2.2408	6246	22.62	2.6093	2.2408
1879	25.064	3.3689	2.6707	6247	25.064	3.3689	2.6707
1880	21.518	3.8687	2.4356	6248	21.518	3.8687	2.4356
1881	29.175	3.6128	2.0806	6249	29.175	3.6128	2.0806
1882	24.602	3.257	2.9862	6250	24.602	3.257	2.9862
1883	34.787	3.8251	2.029	6251	34.787	3.8251	2.029
1884	31.446	2.7125	2.612	6252	31.446	2.7125	2.612

1885	33.39	2.2837	2.6372	6253	33.39	2.2837	2.6372
1886	30.617	3.4096	2.2203	6254	30.617	3.4096	2.2203
1887	37.772	4.2704	2.9823	6255	37.772	4.2704	2.9823
1888	31.017	3.6174	3.0448	6256	31.017	3.6174	3.0448
1889	25.526	3.5342	3.1748	6257	25.526	3.5342	3.1748
1890	34.926	3.3884	2.8777	6258	34.926	3.3884	2.8777
1891	28.274	2.9512	3.112	6259	28.274	2.9512	3.112
1892	25.37	3.8632	3.3485	6260	25.37	3.8632	3.3485
1893	30.089	4.2211	2.1783	6261	30.089	4.2211	2.1783
1894	23.267	2.9713	3.6963	6262	23.267	2.9713	3.6963
1895	34.201	4.2472	3.1274	6263	34.201	4.2472	3.1274
1896	44.656	3.6658	3.5382	6264	44.656	3.6658	3.5382
1897	30.461	2.4164	2.1648	6265	30.461	2.4164	2.1648
1898	39.641	2.8473	2.1909	6266	39.641	2.8473	2.1909
1899	48.119	2.3289	2.1434	6267	48.119	2.3289	2.1434
1900	45.969	3.3882	2.1231	6268	45.969	3.3882	2.1231
1901	26.14	4.1052	2.1455	6269	26.14	4.1052	2.1455
1902	17.217	4.8557	2.4008	6270	17.217	4.8557	2.4008
1903	28.13	4.199	2.1691	6271	28.13	4.199	2.1691
1904	25.455	3.9095	2.1922	6272	25.455	3.9095	2.1922
1905	36.066	3.0033	2.3209	6273	36.066	3.0033	2.3209
1906	34.105	2.383	2.1017	6274	34.105	2.383	2.1017
1907	29.919	3.372	1.7353	6275	29.919	3.372	1.7353
1908	39.294	1.9716	3.27	6276	39.294	1.9716	3.27
1909	30.142	3.6996	3.0152	6277	30.142	3.6996	3.0152
1910	19.551	3.9682	2.777	6278	19.551	3.9682	2.777
1911	36.891	2.4841	3.3483	6279	36.891	2.4841	3.3483
1912	35.067	2.4386	3.5638	6280	35.067	2.4386	3.5638
1913	24.764	3.3618	2.5507	6281	24.764	3.3618	2.5507
1914	19.756	2.819	2.1014	6282	19.756	2.819	2.1014
1915	29.924	3.1569	2.0834	6283	29.924	3.1569	2.0834
1916	29.447	3.9445	3.211	6284	29.447	3.9445	3.211
1917	27.018	4.5396	2.6782	6285	27.018	4.5396	2.6782
1918	36.402	4.9151	1.5718	6286	36.402	4.9151	1.5718
1919	31.83	3.783	2.5485	6287	31.83	3.783	2.5485
1920	40.412	2.8464	3.3115	6288	40.412	2.8464	3.3115
1921	28.047	3.3246	1.9498	6289	28.047	3.3246	1.9498
1922	21.49	2.7306	2.9818	6290	21.49	2.7306	2.9818
1923	22.41	3.6592	2.703	6291	22.41	3.6592	2.703
1924	46.194	2.6467	2.9332	6292	46.194	2.6467	2.9332
1925	34.766	2.0351	2.5387	6293	34.766	2.0351	2.5387
1926	22.773	2.7257	1.9773	6294	22.773	2.7257	1.9773
1927	24.906	3.0818	2.453	6295	24.906	3.0818	2.453
1928	33.823	4.2412	2.151	6296	33.823	4.2412	2.151
1929	28.628	3.6429	1.5189	6297	28.628	3.6429	1.5189
1930	26.375	4.0462	2.3876	6298	26.375	4.0462	2.3876
1931	18.141	3.8225	3.1784	6299	18.141	3.8225	3.1784
1932	32.451	2.5582	3.0191	6300	32.451	2.5582	3.0191
1933	24.894	3.8808	2.9411	6301	24.894	3.8808	2.9411
1934	40.321	3.8267	2.9586	6302	40.321	3.8267	2.9586
1935	36.197	3.9401	2.1515	6303	36.197	3.9401	2.1515
1936	25.919	4.3591	2.7927	6304	25.919	4.3591	2.7927
1937	26.1	3.6107	1.6639	6305	26.1	3.6107	1.6639
1938	34.65	3.3475	2.5779	6306	34.65	3.3475	2.5779
1939	34.359	3.373	2.5037	6307	34.359	3.373	2.5037
1940	43.888	3.6112	1.7136	6308	43.888	3.6112	1.7136
1941	22.678	3.5355	2.2472	6309	22.678	3.5355	2.2472
1942	40.195	2.086	2.5627	6310	40.195	2.086	2.5627
1943	34.745	3.341	2.5799	6311	34.745	3.341	2.5799
1944	45.263	2.5927	2.5415	6312	45.263	2.5927	2.5415
1945	33.756	3.1885	2.173	6313	33.756	3.1885	2.173
1946	35.22	3.6234	2.7555	6314	35.22	3.6234	2.7555
1947	18.309	3.3651	3.368	6315	18.309	3.3651	3.368
1948	30.306	3.4435	2.9528	6316	30.306	3.4435	2.9528
1949	49.067	3.36	1.8757	6317	49.067	3.36	1.8757
1950	41.032	1.8966	2.0588	6318	41.032	1.8966	2.0588
1951	20.391	2.2098	2.345	6319	20.391	2.2098	2.345

1952	41.237	3.8722	2.0176	6320	41.237	3.8722	2.0176
1953	16.758	4.4564	2.895	6321	16.758	4.4564	2.895
1954	33.444	2.5411	3.6296	6322	33.444	2.5411	3.6296
1955	41.651	4.0782	2.9605	6323	41.651	4.0782	2.9605
1956	22.589	2.468	3.4407	6324	22.589	2.468	3.4407
1957	23.695	1.752	2.6161	6325	23.695	1.752	2.6161
1958	35.932	3.593	3.1059	6326	35.932	3.593	3.1059
1959	34.208	3.4153	2.651	6327	34.208	3.4153	2.651
1960	42.831	3.4192	2.9305	6328	42.831	3.4192	2.9305
1961	37.946	1.9307	4.2128	6329	37.946	1.9307	4.2128
1962	31.457	3.3389	1.3198	6330	31.457	3.3389	1.3198
1963	24.099	3.1919	2.8009	6331	24.099	3.1919	2.8009
1964	33.131	2.8792	2.3057	6332	33.131	2.8792	2.3057
1965	34.719	3.3818	2.1502	6333	34.719	3.3818	2.1502
1966	35.903	2.2814	1.9212	6334	35.903	2.2814	1.9212
1967	35.122	3.378	3.4408	6335	35.122	3.378	3.4408
1968	28.254	3.192	2.1021	6336	28.254	3.192	2.1021
1969	24.69	3.5618	2.8467	6337	24.69	3.5618	2.8467
1970	26.462	3.7873	3.3269	6338	26.462	3.7873	3.3269
1971	34.423	2.726	3.0982	6339	34.423	2.726	3.0982
1972	37.108	3.7389	3.3938	6340	37.108	3.7389	3.3938
1973	39.222	3.9042	2.5982	6341	39.222	3.9042	2.5982
1974	40.153	4.1915	2.222	6342	40.153	4.1915	2.222
1975	26.641	3.6713	2.4206	6343	26.641	3.6713	2.4206
1976	44.548	3.1375	3.4167	6344	44.548	3.1375	3.4167
1977	10.711	3.4925	2.8612	6345	10.711	3.4925	2.8612
1978	41.383	3.6458	3.1789	6346	41.383	3.6458	3.1789
1979	38.572	2.8318	1.7366	6347	38.572	2.8318	1.7366
1980	32.955	4.513	2.6357	6348	32.955	4.513	2.6357
1981	39.409	3.1612	1.971	6349	39.409	3.1612	1.971
1982	33.551	2.5536	3.1135	6350	33.551	2.5536	3.1135
1983	46.594	2.8854	3.5125	6351	46.594	2.8854	3.5125
1984	34.128	5.2041	1.7278	6352	34.128	5.2041	1.7278
1985	29.325	3.554	1.7744	6353	29.325	3.554	1.7744
1986	40.173	3.8486	1.8159	6354	40.173	3.8486	1.8159
1987	44.709	4.522	1.9276	6355	44.709	4.522	1.9276
1988	36.9	2.7518	4.343	6356	36.9	2.7518	4.343
1989	38.56	4.6762	2.592	6357	38.56	4.6762	2.592
1990	29.646	3.6169	3.5378	6358	29.646	3.6169	3.5378
1991	22.629	4.101	2.9481	6359	22.629	4.101	2.9481
1992	21.803	3.6155	2.0616	6360	21.803	3.6155	2.0616
1993	29.235	2.4067	2.0483	6361	29.235	2.4067	2.0483
1994	21.437	3.4173	2.7361	6362	21.437	3.4173	2.7361
1995	21.173	4.1057	3.6213	6363	21.173	4.1057	3.6213
1996	41.116	4.1708	2.3183	6364	41.116	4.1708	2.3183
1997	41.885	3.7445	2.3991	6365	41.885	3.7445	2.3991
1998	37.522	1.3785	1.9018	6366	37.522	1.3785	1.9018
1999	36.316	4.1111	2.6841	6367	36.316	4.1111	2.6841
2000	32.966	2.6434	2.6364	6368	32.966	2.6434	2.6364
2001	32.947	3.1625	3.1072	6369	32.947	3.1625	3.1072
2002	34.39	2.4569	2.6434	6370	34.39	2.4569	2.6434
2003	45.232	3.7315	2.6067	6371	45.232	3.7315	2.6067
2004	24.984	4.0989	3.0752	6372	24.984	4.0989	3.0752
2005	45.318	3.9038	2.9363	6373	45.318	3.9038	2.9363
2006	30.987	2.7158	2.6368	6374	30.987	2.7158	2.6368
2007	18.732	2.144	2.3918	6375	18.732	2.144	2.3918
2008	39.782	2.9782	3.0022	6376	39.782	2.9782	3.0022
2009	27.262	2.3931	2.8186	6377	27.262	2.3931	2.8186
2010	39.418	3.5442	1.6795	6378	39.418	3.5442	1.6795
2011	30.4	2.9479	2.99	6379	30.4	2.9479	2.99
2012	29.843	4.5502	2.9401	6380	29.843	4.5502	2.9401
2013	36.793	2.6386	2.3752	6381	36.793	2.6386	2.3752
2014	37.005	4.9309	2.5128	6382	37.005	4.9309	2.5128
2015	35.211	4.7471	2.8489	6383	35.211	4.7471	2.8489
2016	34.845	4.8861	2.2656	6384	34.845	4.8861	2.2656
2017	45.529	1.9934	1.8136	6385	45.529	1.9934	1.8136
2018	28.411	2.0153	2.0907	6386	28.411	2.0153	2.0907

2019	39.266	2.6096	3.729	6387	39.266	2.6096	3.729
2020	35.261	3.1746	3.0579	6388	35.261	3.1746	3.0579
2021	30.178	2.7065	2.4759	6389	30.178	2.7065	2.4759
2022	37.007	1.9679	2.257	6390	37.007	1.9679	2.257
2023	38.357	2.042	2.1095	6391	38.357	2.042	2.1095
2024	33.945	4.1028	1.7729	6392	33.945	4.1028	1.7729
2025	37.368	2.3192	3.3724	6393	37.368	2.3192	3.3724
2026	39.45	3.9718	2.4516	6394	39.45	3.9718	2.4516
2027	23.194	2.0966	3.1454	6395	23.194	2.0966	3.1454
2028	31.937	2.2897	2.8113	6396	31.937	2.2897	2.8113
2029	30.338	4.2362	3.6979	6397	30.338	4.2362	3.6979
2030	34.647	4.0343	1.1934	6398	34.647	4.0343	1.1934
2031	31.536	2.6763	2.7796	6399	31.536	2.6763	2.7796
2032	26.253	3.7652	2.7526	6400	26.253	3.7652	2.7526
2033	44.053	3.0941	2.8971	6401	44.053	3.0941	2.8971
2034	14.435	2.449	1.2869	6402	14.435	2.449	1.2869
2035	34.595	2.8016	2.277	6403	34.595	2.8016	2.277
2036	37.208	2.9952	2.125	6404	37.208	2.9952	2.125
2037	36.513	4.0177	1.7815	6405	36.513	4.0177	1.7815
2038	31.479	3.3266	3.4923	6406	31.479	3.3266	3.4923
2039	39.782	3.3575	2.2245	6407	39.782	3.3575	2.2245
2040	25.788	3.0414	2.3094	6408	25.788	3.0414	2.3094
2041	35.093	2.6117	2.8836	6409	35.093	2.6117	2.8836
2042	22.259	4.4967	3.8617	6410	22.259	4.4967	3.8617
2043	25.562	2.6674	2.9067	6411	25.562	2.6674	2.9067
2044	32.085	3.7979	2.5082	6412	32.085	3.7979	2.5082
2045	47.456	2.5148	2.8	6413	47.456	2.5148	2.8
2046	28.989	4.0852	2.811	6414	28.989	4.0852	2.811
2047	38.772	4.7008	3.3995	6415	38.772	4.7008	3.3995
2048	22.357	3.4942	2.6346	6416	22.357	3.4942	2.6346
2049	35.978	4.0132	1.9801	6417	35.978	4.0132	1.9801
2050	34.521	2.2282	2.3058	6418	34.521	2.2282	2.3058
2051	41.351	4.1779	2.7281	6419	41.351	4.1779	2.7281
2052	22.153	3.7369	2.6992	6420	22.153	3.7369	2.6992
2053	33.961	2.0862	1.8435	6421	33.961	2.0862	1.8435
2054	34.434	3.6561	3.2452	6422	34.434	3.6561	3.2452
2055	35.509	3.9281	2.6297	6423	35.509	3.9281	2.6297
2056	32.654	4.0857	1.4325	6424	32.654	4.0857	1.4325
2057	28.67	4.2505	1.9917	6425	28.67	4.2505	1.9917
2058	39.507	3.3776	3.5657	6426	39.507	3.3776	3.5657
2059	23.764	3.9778	3.0561	6427	23.764	3.9778	3.0561
2060	46.124	2.3448	2.6802	6428	46.124	2.3448	2.6802
2061	19.924	0.75093	2.5015	6429	19.924	0.75093	2.5015
2062	13.334	2.2031	2.2613	6430	13.334	2.2031	2.2613
2063	20.626	3.2169	3.4911	6431	20.626	3.2169	3.4911
2064	27.125	3.3766	2.3994	6432	27.125	3.3766	2.3994
2065	34.463	5.2005	2.9234	6433	34.463	5.2005	2.9234
2066	27.851	3.5672	3.1049	6434	27.851	3.5672	3.1049
2067	26.243	3.6859	2.2743	6435	26.243	3.6859	2.2743
2068	47.423	3.275	2.7176	6436	47.423	3.275	2.7176
2069	43.205	2.8401	2.6759	6437	43.205	2.8401	2.6759
2070	31.93	2.3921	2.3588	6438	31.93	2.3921	2.3588
2071	26.128	3.218	3.2481	6439	26.128	3.218	3.2481
2072	28.782	3.763	2.069	6440	28.782	3.763	2.069
2073	50.339	3.7573	2.7405	6441	50.339	3.7573	2.7405
2074	34.792	3.3836	1.8596	6442	34.792	3.3836	1.8596
2075	31.844	4.6131	3.7898	6443	31.844	4.6131	3.7898
2076	35.312	2.4661	2.2654	6444	35.312	2.4661	2.2654
2077	13.588	3.1436	1.5639	6445	13.588	3.1436	1.5639
2078	36.467	2.6821	3.2174	6446	36.467	2.6821	3.2174
2079	27.099	3.7926	2.7843	6447	27.099	3.7926	2.7843
2080	26.024	3.9321	2.5592	6448	26.024	3.9321	2.5592
2081	40.49	2.7562	2.623	6449	40.49	2.7562	2.623
2082	22.501	3.4723	2.7833	6450	22.501	3.4723	2.7833
2083	30.82	3.7373	2.9547	6451	30.82	3.7373	2.9547
2084	34.513	2.5735	3.1411	6452	34.513	2.5735	3.1411
2085	20.648	3.8532	2.608	6453	20.648	3.8532	2.608

2086	28.681	3.4953	3.1228	6454	28.681	3.4953	3.1228
2087	28.093	2.9494	2.297	6455	28.093	2.9494	2.297
2088	28.541	4.7332	2.8468	6456	28.541	4.7332	2.8468
2089	40.241	2.7668	2.4447	6457	40.241	2.7668	2.4447
2090	26.104	2.7288	3.0702	6458	26.104	2.7288	3.0702
2091	29.131	3.3154	2.468	6459	29.131	3.3154	2.468
2092	39.471	3.3567	3.4858	6460	39.471	3.3567	3.4858
2093	33.443	4.9328	2.7722	6461	33.443	4.9328	2.7722
2094	35.212	3.0927	2.6208	6462	35.212	3.0927	2.6208
2095	18.27	3.4522	3.0381	6463	18.27	3.4522	3.0381
2096	34.579	2.8295	2.1844	6464	34.579	2.8295	2.1844
2097	28.839	3.2018	2.7322	6465	28.839	3.2018	2.7322
2098	23.805	4.2507	3.2327	6466	23.805	4.2507	3.2327
2099	45.315	3.1218	2.8201	6467	45.315	3.1218	2.8201
2100	38.217	3.9977	2.8967	6468	38.217	3.9977	2.8967
2101	34.402	3.2917	2.3	6469	34.402	3.2917	2.3
2102	36.807	3.8105	3.2203	6470	36.807	3.8105	3.2203
2103	28.683	2.8591	2.4675	6471	28.683	2.8591	2.4675
2104	37.876	3.5672	1.8322	6472	37.876	3.5672	1.8322
2105	30.874	1.7637	1.9404	6473	30.874	1.7637	1.9404
2106	39.25	2.5103	2.1273	6474	39.25	2.5103	2.1273
2107	36.918	5.2535	2.5508	6475	36.918	5.2535	2.5508
2108	25.759	2.8313	3.5501	6476	25.759	2.8313	3.5501
2109	33.207	3.4667	2.5432	6477	33.207	3.4667	2.5432
2110	42.14	2.944	1.9846	6478	42.14	2.944	1.9846
2111	30.745	2.6471	1.3067	6479	30.745	2.6471	1.3067
2112	36.747	3.4133	1.5878	6480	36.747	3.4133	1.5878
2113	30.203	3.6084	2.7328	6481	30.203	3.6084	2.7328
2114	20.57	3.6446	2.2789	6482	20.57	3.6446	2.2789
2115	37.125	4.0108	2.2936	6483	37.125	4.0108	2.2936
2116	39.899	2.5516	2.4817	6484	39.899	2.5516	2.4817
2117	45.911	4.072	3.0602	6485	45.911	4.072	3.0602
2118	40.475	2.6334	2.3405	6486	40.475	2.6334	2.3405
2119	28.313	3.5716	4.318	6487	28.313	3.5716	4.318
2120	37.987	4.5557	1.4861	6488	37.987	4.5557	1.4861
2121	49.78	1.5378	2.2128	6489	49.78	1.5378	2.2128
2122	35.067	3.4444	2.5941	6490	35.067	3.4444	2.5941
2123	33.97	1.8022	2.0072	6491	33.97	1.8022	2.0072
2124	28.149	2.1884	3.1948	6492	28.149	2.1884	3.1948
2125	27.926	1.9913	1.2424	6493	27.926	1.9913	1.2424
2126	22.326	3.021	2.339	6494	22.326	3.021	2.339
2127	35.475	4.2355	1.9251	6495	35.475	4.2355	1.9251
2128	40.369	3.0573	3.1494	6496	40.369	3.0573	3.1494
2129	32.432	2.7198	3.2197	6497	32.432	2.7198	3.2197
2130	26.859	2.9307	3.3012	6498	26.859	2.9307	3.3012
2131	34.635	3.7462	3.0789	6499	34.635	3.7462	3.0789
2132	27.378	3.9933	2.461	6500	27.378	3.9933	2.461
2133	30.181	3.4996	1.8229	6501	30.181	3.4996	1.8229
2134	29.964	4.1152	2.821	6502	29.964	4.1152	2.821
2135	33.191	2.3906	2.6145	6503	33.191	2.3906	2.6145
2136	42.677	3.4473	2.6309	6504	42.677	3.4473	2.6309
2137	28.743	4.4968	3.0078	6505	28.743	4.4968	3.0078
2138	16.896	3.6944	2.5392	6506	16.896	3.6944	2.5392
2139	37.248	2.5429	2.0123	6507	37.248	2.5429	2.0123
2140	31.459	2.2981	2.521	6508	31.459	2.2981	2.521
2141	30.678	3.0553	3.3094	6509	30.678	3.0553	3.3094
2142	38.825	3.3691	2.771	6510	38.825	3.3691	2.771
2143	13.556	3.2168	2.7943	6511	13.556	3.2168	2.7943
2144	28.47	3.9122	2.2927	6512	28.47	3.9122	2.2927
2145	23.189	2.9184	2.048	6513	23.189	2.9184	2.048
2146	28.835	2.1549	2.6681	6514	28.835	2.1549	2.6681
2147	36.885	2.9626	1.6779	6515	36.885	2.9626	1.6779
2148	46.041	4.8451	2.21	6516	46.041	4.8451	2.21
2149	37.688	3.8309	2.5931	6517	37.688	3.8309	2.5931
2150	25.045	3.5031	2.8016	6518	25.045	3.5031	2.8016
2151	39.053	3.7673	2.8075	6519	39.053	3.7673	2.8075
2152	36.318	4.8084	3.6903	6520	36.318	4.8084	3.6903

2153	31.718	3.0109	1.4284	6521	31.718	3.0109	1.4284
2154	28.774	3.7234	1.8762	6522	28.774	3.7234	1.8762
2155	33.882	4.0204	2.0963	6523	33.882	4.0204	2.0963
2156	32.187	3.3048	2.005	6524	32.187	3.3048	2.005
2157	41.316	4.0723	2.5505	6525	41.316	4.0723	2.5505
2158	32.194	2.8224	2.6112	6526	32.194	2.8224	2.6112
2159	22.718	3.2777	2.846	6527	22.718	3.2777	2.846
2160	30.661	2.0794	3.3449	6528	30.661	2.0794	3.3449
2161	22.84	2.7742	3.6216	6529	22.84	2.7742	3.6216
2162	36.465	2.5111	2.4475	6530	36.465	2.5111	2.4475
2163	30.693	2.6626	2.165	6531	30.693	2.6626	2.165
2164	33.746	3.1225	3.1395	6532	33.746	3.1225	3.1395
2165	39.017	2.8839	2.4564	6533	39.017	2.8839	2.4564
2166	29.225	3.045	3.7958	6534	29.225	3.045	3.7958
2167	37.188	2.8204	2.8159	6535	37.188	2.8204	2.8159
2168	37.074	4.2274	2.3399	6536	37.074	4.2274	2.3399
2169	34.963	2.5133	2.3579	6537	34.963	2.5133	2.3579
2170	34.344	2.5258	2.6492	6538	34.344	2.5258	2.6492
2171	24.162	4.3068	3.9239	6539	24.162	4.3068	3.9239
2172	36.265	4.2775	1.639	6540	36.265	4.2775	1.639
2173	23.602	4.566	2.2971	6541	23.602	4.566	2.2971
2174	30.599	2.0567	1.7695	6542	30.599	2.0567	1.7695
2175	34.226	3.6695	1.7042	6543	34.226	3.6695	1.7042
2176	34.166	3.3707	3.0738	6544	34.166	3.3707	3.0738
2177	22.996	4.8927	3.4738	6545	22.996	4.8927	3.4738
2178	35.622	3.0394	2.0693	6546	35.622	3.0394	2.0693
2179	33.496	2.5774	2.2731	6547	33.496	2.5774	2.2731
2180	26.814	3.4624	2.0451	6548	26.814	3.4624	2.0451
2181	23.684	1.8073	2.3753	6549	23.684	1.8073	2.3753
2182	24.916	3.4758	2.229	6550	24.916	3.4758	2.229
2183	38.794	3.8902	2.6395	6551	38.794	3.8902	2.6395
2184	33.518	2.4675	2.4157	6552	33.518	2.4675	2.4157
2185	31.022	2.6645	2.5424	6553	31.022	2.6645	2.5424
2186	40.889	4.2232	2.5881	6554	40.889	4.2232	2.5881
2187	35.019	4.3001	3.2579	6555	35.019	4.3001	3.2579
2188	33.99	3.3454	1.3226	6556	33.99	3.3454	1.3226
2189	31.564	1.794	2.2003	6557	31.564	1.794	2.2003
2190	14.899	2.8856	2.5102	6558	14.899	2.8856	2.5102
2191	23.274	3.3339	3.2737	6559	23.274	3.3339	3.2737
2192	45.211	2.0986	3.7622	6560	45.211	2.0986	3.7622
2193	24.998	3.9584	2.1458	6561	24.998	3.9584	2.1458
2194	35.813	4.2082	1.7472	6562	35.813	4.2082	1.7472
2195	46.328	2.7008	1.7649	6563	46.328	2.7008	1.7649
2196	29.748	2.8457	2.5039	6564	29.748	2.8457	2.5039
2197	53.514	3.6967	3.1127	6565	53.514	3.6967	3.1127
2198	35.896	3.7869	2.0191	6566	35.896	3.7869	2.0191
2199	31.681	2.1975	1.9975	6567	31.681	2.1975	1.9975
2200	38.744	5.1607	2.5027	6568	38.744	5.1607	2.5027
2201	49.979	3.8923	2.5948	6569	49.979	3.8923	2.5948
2202	30.662	3.0866	2.7173	6570	30.662	3.0866	2.7173
2203	19.231	4.2	2.5067	6571	19.231	4.2	2.5067
2204	25.236	3.4763	3.4149	6572	25.236	3.4763	3.4149
2205	36.693	1.2436	1.7029	6573	36.693	1.2436	1.7029
2206	39.199	3.0162	3.0904	6574	39.199	3.0162	3.0904
2207	33.016	2.8199	3.2338	6575	33.016	2.8199	3.2338
2208	38.944	3.5253	1.3604	6576	38.944	3.5253	1.3604
2209	40.177	2.8307	2.7635	6577	40.177	2.8307	2.7635
2210	22.634	3.7936	3.1794	6578	22.634	3.7936	3.1794
2211	23.748	2.6373	2.1538	6579	23.748	2.6373	2.1538
2212	30.614	4.9918	3.3631	6580	30.614	4.9918	3.3631
2213	35.178	3.9664	4.1064	6581	35.178	3.9664	4.1064
2214	42.172	3.1329	1.2429	6582	42.172	3.1329	1.2429
2215	34.267	2.3866	0.96379	6583	34.267	2.3866	0.96379
2216	18.056	3.3811	2.8023	6584	18.056	3.3811	2.8023
2217	31.187	3.3701	1.4927	6585	31.187	3.3701	1.4927
2218	31.916	3.034	1.4403	6586	31.916	3.034	1.4403
2219	30.114	3.1299	3.5068	6587	30.114	3.1299	3.5068

2220	35.955	4.2512	1.7101	6588	35.955	4.2512	1.7101
2221	52.004	3.8135	2.7084	6589	52.004	3.8135	2.7084
2222	34.892	4.9266	2.5347	6590	34.892	4.9266	2.5347
2223	27.044	3.0304	2.6452	6591	27.044	3.0304	2.6452
2224	31.054	2.9846	1.3932	6592	31.054	2.9846	1.3932
2225	42.623	3.2401	3.2308	6593	42.623	3.2401	3.2308
2226	26.069	4.069	2.9129	6594	26.069	4.069	2.9129
2227	38.982	2.6354	1.9815	6595	38.982	2.6354	1.9815
2228	25.476	3.789	1.8805	6596	25.476	3.789	1.8805
2229	26.132	3.4342	2.4316	6597	26.132	3.4342	2.4316
2230	19.135	2.296	3.6156	6598	19.135	2.296	3.6156
2231	18.061	2.5957	2.7561	6599	18.061	2.5957	2.7561
2232	31.495	3.9247	2.1388	6600	31.495	3.9247	2.1388
2233	39.325	2.4735	2.9455	6601	39.325	2.4735	2.9455
2234	39.578	3.1545	2.4543	6602	39.578	3.1545	2.4543
2235	22.472	2.2213	2.9505	6603	22.472	2.2213	2.9505
2236	39.825	3.7165	3.0971	6604	39.825	3.7165	3.0971
2237	28.96	3.5268	3.2749	6605	28.96	3.5268	3.2749
2238	22.698	3.9783	2.5995	6606	22.698	3.9783	2.5995
2239	16.25	3.7394	2.8253	6607	16.25	3.7394	2.8253
2240	47.688	2.6758	2.2326	6608	47.688	2.6758	2.2326
2241	29.562	3.1636	3.1497	6609	29.562	3.1636	3.1497
2242	35.345	3.6578	2.1511	6610	35.345	3.6578	2.1511
2243	33.862	3.6084	2.8424	6611	33.862	3.6084	2.8424
2244	37.235	2.9027	2.1975	6612	37.235	2.9027	2.1975
2245	17.258	2.7799	2.0511	6613	17.258	2.7799	2.0511
2246	41.799	4.983	1.333	6614	41.799	4.983	1.333
2247	40.837	3.3541	2.8134	6615	40.837	3.3541	2.8134
2248	33.634	3.5864	2.584	6616	33.634	3.5864	2.584
2249	28.395	2.4204	3.9448	6617	28.395	2.4204	3.9448
2250	39.14	2.7243	2.205	6618	39.14	2.7243	2.205
2251	31.241	2.9512	1.8658	6619	31.241	2.9512	1.8658
2252	29.894	3.4743	2.286	6620	29.894	3.4743	2.286
2253	38.174	3.7132	2.7397	6621	38.174	3.7132	2.7397
2254	46.243	1.4901	2.6676	6622	46.243	1.4901	2.6676
2255	40.028	3.1551	2.1231	6623	40.028	3.1551	2.1231
2256	37.7	2.8554	1.7946	6624	37.7	2.8554	1.7946
2257	34.313	2.6009	2.7957	6625	34.313	2.6009	2.7957
2258	37.6	3.081	2.1393	6626	37.6	3.081	2.1393
2259	30.632	2.5339	2.3698	6627	30.632	2.5339	2.3698
2260	41.725	4.173	2.955	6628	41.725	4.173	2.955
2261	30.564	2.8583	3.0311	6629	30.564	2.8583	3.0311
2262	42.891	2.1857	2.407	6630	42.891	2.1857	2.407
2263	38.384	3.2174	3.133	6631	38.384	3.2174	3.133
2264	32.643	3.4342	2.2919	6632	32.643	3.4342	2.2919
2265	32.083	4.1418	1.6314	6633	32.083	4.1418	1.6314
2266	26.407	2.7039	3.1453	6634	26.407	2.7039	3.1453
2267	26.572	2.2693	2.3549	6635	26.572	2.2693	2.3549
2268	34.357	3.311	2.4415	6636	34.357	3.311	2.4415
2269	41.485	3.741	2.5833	6637	41.485	3.741	2.5833
2270	35.348	3.2772	2.5288	6638	35.348	3.2772	2.5288
2271	38.964	3.9576	2.4274	6639	38.964	3.9576	2.4274
2272	35.846	2.1731	2.4211	6640	35.846	2.1731	2.4211
2273	31.901	2.1669	2.0271	6641	31.901	2.1669	2.0271
2274	46.886	3.4221	1.7301	6642	46.886	3.4221	1.7301
2275	39.417	1.937	2.829	6643	39.417	1.937	2.829
2276	28.649	3.326	2.1674	6644	28.649	3.326	2.1674
2277	43.936	4.4794	2.899	6645	43.936	4.4794	2.899
2278	31.681	4.0454	3.7015	6646	31.681	4.0454	3.7015
2279	15.954	4.4093	3.1967	6647	15.954	4.4093	3.1967
2280	18.447	2.8278	2.8207	6648	18.447	2.8278	2.8207
2281	37.493	2.6813	2.1057	6649	37.493	2.6813	2.1057
2282	44.153	1.653	2.9191	6650	44.153	1.653	2.9191
2283	37.027	2.4168	3.0625	6651	37.027	2.4168	3.0625
2284	41.921	2.5032	3.7735	6652	41.921	2.5032	3.7735
2285	34.721	3.4645	3.2606	6653	34.721	3.4645	3.2606
2286	35.766	4.1912	3.4215	6654	35.766	4.1912	3.4215

2287	34.024	3.8695	3.7245	6655	34.024	3.8695	3.7245
2288	19.949	5.1153	1.9486	6656	19.949	5.1153	1.9486
2289	24.237	2.1021	1.9931	6657	24.237	2.1021	1.9931
2290	38.189	3.0353	2.6741	6658	38.189	3.0353	2.6741
2291	26.737	4.394	2.3384	6659	26.737	4.394	2.3384
2292	36.47	4.1233	2.2317	6660	36.47	4.1233	2.2317
2293	43.256	3.4703	2.8458	6661	43.256	3.4703	2.8458
2294	47.326	4.2531	2.5305	6662	47.326	4.2531	2.5305
2295	32.532	2.9537	2.295	6663	32.532	2.9537	2.295
2296	32.383	2.6376	1.9404	6664	32.383	2.6376	1.9404
2297	47.343	2.6135	2.0515	6665	47.343	2.6135	2.0515
2298	34.674	2.0426	3.5405	6666	34.674	2.0426	3.5405
2299	36.667	3.164	2.1789	6667	36.667	3.164	2.1789
2300	25.486	3.2818	2.4293	6668	25.486	3.2818	2.4293
2301	41.421	3.5279	3.141	6669	41.421	3.5279	3.141
2302	30.031	3.4879	1.7058	6670	30.031	3.4879	1.7058
2303	41.657	1.9458	1.8194	6671	41.657	1.9458	1.8194
2304	21.284	3.6539	1.9866	6672	21.284	3.6539	1.9866
2305	30.064	4.0469	2.7147	6673	30.064	4.0469	2.7147
2306	43.497	3.7922	2.7881	6674	43.497	3.7922	2.7881
2307	39.874	3.316	3.156	6675	39.874	3.316	3.156
2308	42.819	2.9165	2.8175	6676	42.819	2.9165	2.8175
2309	24.787	1.932	3.0169	6677	24.787	1.932	3.0169
2310	38.334	1.7468	3.5292	6678	38.334	1.7468	3.5292
2311	45.31	2.7145	1.9639	6679	45.31	2.7145	1.9639
2312	32.285	4.0532	3.1604	6680	32.285	4.0532	3.1604
2313	45.199	3.0721	2.5981	6681	45.199	3.0721	2.5981
2314	26.087	3.8005	2.1279	6682	26.087	3.8005	2.1279
2315	29.297	2.9595	2.8925	6683	29.297	2.9595	2.8925
2316	36.389	1.9411	2.8417	6684	36.389	1.9411	2.8417
2317	33.798	2.8544	3.5355	6685	33.798	2.8544	3.5355
2318	35.472	3.2893	2.2409	6686	35.472	3.2893	2.2409
2319	40.589	3.6588	2.8304	6687	40.589	3.6588	2.8304
2320	25.562	3.8957	3.5961	6688	25.562	3.8957	3.5961
2321	48.845	3.3421	3.4251	6689	48.845	3.3421	3.4251
2322	30.509	5.4399	2.061	6690	30.509	5.4399	2.061
2323	19.989	2.641	1.969	6691	19.989	2.641	1.969
2324	16.445	3.7883	2.2853	6692	16.445	3.7883	2.2853
2325	34.276	3.5195	3.4945	6693	34.276	3.5195	3.4945
2326	32.241	3.4907	2.7667	6694	32.241	3.4907	2.7667
2327	42.648	3.6512	1.5646	6695	42.648	3.6512	1.5646
2328	34.073	2.9314	2.4918	6696	34.073	2.9314	2.4918
2329	16.318	3.6886	3.6568	6697	16.318	3.6886	3.6568
2330	12.302	3.8892	2.0786	6698	12.302	3.8892	2.0786
2331	34.759	3.6111	2.8517	6699	34.759	3.6111	2.8517
2332	20.766	3.1256	2.5493	6700	20.766	3.1256	2.5493
2333	43.626	2.695	2.5801	6701	43.626	2.695	2.5801
2334	34.503	3.882	1.7672	6702	34.503	3.882	1.7672
2335	30.443	2.4536	2.6955	6703	30.443	2.4536	2.6955
2336	38.615	4.5648	1.8459	6704	38.615	4.5648	1.8459
2337	34.893	4.0025	2.0764	6705	34.893	4.0025	2.0764
2338	25.141	2.627	2.0938	6706	25.141	2.627	2.0938
2339	38.894	2.5861	2.2558	6707	38.894	2.5861	2.2558
2340	25.784	3.9113	2.7945	6708	25.784	3.9113	2.7945
2341	21.846	4.7892	1.6954	6709	21.846	4.7892	1.6954
2342	34.969	3.7889	3.62	6710	34.969	3.7889	3.62
2343	46.388	3.3496	2.5854	6711	46.388	3.3496	2.5854
2344	34.81	3.7625	1.9277	6712	34.81	3.7625	1.9277
2345	29.621	1.8654	2.9541	6713	29.621	1.8654	2.9541
2346	34.723	4.4894	3.5004	6714	34.723	4.4894	3.5004
2347	30.371	3.3711	2.2027	6715	30.371	3.3711	2.2027
2348	31.309	3.2579	3.3931	6716	31.309	3.2579	3.3931
2349	31.059	3.0039	2.2754	6717	31.059	3.0039	2.2754
2350	33.644	2.2253	1.5038	6718	33.644	2.2253	1.5038
2351	22.661	3.3859	2.0793	6719	22.661	3.3859	2.0793
2352	22.579	2.5204	1.6966	6720	22.579	2.5204	1.6966
2353	31.363	3.2981	2.4754	6721	31.363	3.2981	2.4754

2354	21.942	2.9004	3.6955	6722	21.942	2.9004	3.6955
2355	38.182	2.2963	3.5462	6723	38.182	2.2963	3.5462
2356	17.59	2.7452	2.1836	6724	17.59	2.7452	2.1836
2357	52.597	3.563	2.3098	6725	52.597	3.563	2.3098
2358	17.798	2.4487	2.2945	6726	17.798	2.4487	2.2945
2359	19.351	3.3193	3.4483	6727	19.351	3.3193	3.4483
2360	30.687	1.7774	2.991	6728	30.687	1.7774	2.991
2361	32.662	3.7852	3.5514	6729	32.662	3.7852	3.5514
2362	35.129	4.1264	1.6931	6730	35.129	4.1264	1.6931
2363	20.52	3.5636	1.8512	6731	20.52	3.5636	1.8512
2364	38.691	1.8531	3.4929	6732	38.691	1.8531	3.4929
2365	22.325	2.3221	2.911	6733	22.325	2.3221	2.911
2366	20.441	2.7789	3.1487	6734	20.441	2.7789	3.1487
2367	29.316	1.9761	3.1068	6735	29.316	1.9761	3.1068
2368	31.496	3.938	0.82322	6736	31.496	3.938	0.82322
2369	30.352	2.3379	2.5725	6737	30.352	2.3379	2.5725
2370	38.102	3.9642	2.3284	6738	38.102	3.9642	2.3284
2371	37.696	2.3355	3.1985	6739	37.696	2.3355	3.1985
2372	43.484	2.9055	2.7574	6740	43.484	2.9055	2.7574
2373	29.631	4.052	2.9199	6741	29.631	4.052	2.9199
2374	46.751	3.8973	2.4419	6742	46.751	3.8973	2.4419
2375	39.326	2.3554	2.6865	6743	39.326	2.3554	2.6865
2376	31.22	2.6754	3.0165	6744	31.22	2.6754	3.0165
2377	29.374	2.6901	2.7497	6745	29.374	2.6901	2.7497
2378	28.668	5.1422	3.2495	6746	28.668	5.1422	3.2495
2379	22.248	1.9147	1.7709	6747	22.248	1.9147	1.7709
2380	22.643	3.5367	2.9907	6748	22.643	3.5367	2.9907
2381	36.901	3.0814	1.8011	6749	36.901	3.0814	1.8011
2382	35.72	4.3476	2.4464	6750	35.72	4.3476	2.4464
2383	25.573	2.7973	2.5026	6751	25.573	2.7973	2.5026
2384	38.553	2.3409	1.8298	6752	38.553	2.3409	1.8298
2385	18.126	3.0602	1.6854	6753	18.126	3.0602	1.6854
2386	34.285	2.5865	1.9504	6754	34.285	2.5865	1.9504
2387	41.627	3.8015	2.8162	6755	41.627	3.8015	2.8162
2388	20.062	3.269	2.1419	6756	20.062	3.269	2.1419
2389	37.577	4.5729	2.4338	6757	37.577	4.5729	2.4338
2390	23.971	2.9156	4.1339	6758	23.971	2.9156	4.1339
2391	29.078	3.1895	2.3033	6759	29.078	3.1895	2.3033
2392	36.639	2.5659	2.1894	6760	36.639	2.5659	2.1894
2393	27.415	3.3299	2.9324	6761	27.415	3.3299	2.9324
2394	28.741	1.9242	2.6891	6762	28.741	1.9242	2.6891
2395	27.685	2.2136	2.2493	6763	27.685	2.2136	2.2493
2396	28.834	2.4742	3.174	6764	28.834	2.4742	3.174
2397	25.369	4.986	2.9905	6765	25.369	4.986	2.9905
2398	37.3	5.0939	3.0513	6766	37.3	5.0939	3.0513
2399	35.66	4.1368	1.2297	6767	35.66	4.1368	1.2297
2400	34.513	3.7906	2.0818	6768	34.513	3.7906	2.0818
2401	31.855	3.2953	2.5765	6769	31.855	3.2953	2.5765
2402	24.75	4.4849	2.7692	6770	24.75	4.4849	2.7692
2403	26.57	4.5888	3.3127	6771	26.57	4.5888	3.3127
2404	37.06	2.7256	3.839	6772	37.06	2.7256	3.839
2405	29.439	3.8461	2.1418	6773	29.439	3.8461	2.1418
2406	28.47	2.824	2.782	6774	28.47	2.824	2.782
2407	34.409	4.512	1.5389	6775	34.409	4.512	1.5389
2408	30.646	3.5874	2.3688	6776	30.646	3.5874	2.3688
2409	30.557	2.6053	2.1453	6777	30.557	2.6053	2.1453
2410	27.527	2.8758	3.8853	6778	27.527	2.8758	3.8853
2411	38.73	3.9802	2.4357	6779	38.73	3.9802	2.4357
2412	41.74	2.5866	2.5265	6780	41.74	2.5866	2.5265
2413	31.569	3.6226	1.9767	6781	31.569	3.6226	1.9767
2414	38.328	3.6897	3.8674	6782	38.328	3.6897	3.8674
2415	29.059	3.4076	2.5205	6783	29.059	3.4076	2.5205
2416	30.475	3.4329	2.8383	6784	30.475	3.4329	2.8383
2417	32.006	2.7303	3.0602	6785	32.006	2.7303	3.0602
2418	38.033	3.5406	2.9442	6786	38.033	3.5406	2.9442
2419	30.244	3.3022	2.8008	6787	30.244	3.3022	2.8008
2420	33.154	3.4657	3.1853	6788	33.154	3.4657	3.1853

2421	25.025	3.7254	2.6043	6789	25.025	3.7254	2.6043
2422	33.91	1.4221	1.8653	6790	33.91	1.4221	1.8653
2423	38.504	3.6272	3.0121	6791	38.504	3.6272	3.0121
2424	37.752	3.2108	3.156	6792	37.752	3.2108	3.156
2425	23.981	4.5392	2.3722	6793	23.981	4.5392	2.3722
2426	37.964	2.8646	2.4397	6794	37.964	2.8646	2.4397
2427	26.27	2.0115	1.3889	6795	26.27	2.0115	1.3889
2428	39.204	2.6013	2.9366	6796	39.204	2.6013	2.9366
2429	23.294	1.8794	2.5659	6797	23.294	1.8794	2.5659
2430	37.229	4.2879	3.4963	6798	37.229	4.2879	3.4963
2431	27.076	3.2003	2.2216	6799	27.076	3.2003	2.2216
2432	38.343	2.7986	2.733	6800	38.343	2.7986	2.733
2433	42.273	4.3125	3.342	6801	42.273	4.3125	3.342
2434	26.285	2.7693	1.706	6802	26.285	2.7693	1.706
2435	31.058	3.0291	2.9363	6803	31.058	3.0291	2.9363
2436	31.145	2.1435	3.3394	6804	31.145	2.1435	3.3394
2437	30.975	2.8873	3.3324	6805	30.975	2.8873	3.3324
2438	25.575	3.881	2.4992	6806	25.575	3.881	2.4992
2439	35.292	3.2106	2.442	6807	35.292	3.2106	2.442
2440	23.893	4.2483	3.164	6808	23.893	4.2483	3.164
2441	38.146	6.2156	2.8443	6809	38.146	6.2156	2.8443
2442	40.546	3.5462	3.47	6810	40.546	3.5462	3.47
2443	41.249	2.6984	1.8809	6811	41.249	2.6984	1.8809
2444	33.638	3.3459	2.8625	6812	33.638	3.3459	2.8625
2445	36.967	1.8324	2.7307	6813	36.967	1.8324	2.7307
2446	31.875	2.4218	2.6009	6814	31.875	2.4218	2.6009
2447	38.523	2.9907	3.0576	6815	38.523	2.9907	3.0576
2448	21.069	2.9433	2.5212	6816	21.069	2.9433	2.5212
2449	24.881	2.8701	2.1773	6817	24.881	2.8701	2.1773
2450	26.234	3.7607	2.461	6818	26.234	3.7607	2.461
2451	29.644	3.7174	2.0975	6819	29.644	3.7174	2.0975
2452	36.483	2.8355	2.7334	6820	36.483	2.8355	2.7334
2453	21.695	2.6855	2.353	6821	21.695	2.6855	2.353
2454	29.65	3.069	3.7007	6822	29.65	3.069	3.7007
2455	32.173	2.1433	1.7819	6823	32.173	2.1433	1.7819
2456	28.834	3.9093	3.5405	6824	28.834	3.9093	3.5405
2457	46.662	3.3322	3.2616	6825	46.662	3.3322	3.2616
2458	27.837	3.4481	2.9978	6826	27.837	3.4481	2.9978
2459	31.502	3.4231	2.4426	6827	31.502	3.4231	2.4426
2460	42.415	2.6176	2.2066	6828	42.415	2.6176	2.2066
2461	23.884	4.0089	2.6232	6829	23.884	4.0089	2.6232
2462	37.874	3.5879	2.3499	6830	37.874	3.5879	2.3499
2463	37.269	2.506	1.9684	6831	37.269	2.506	1.9684
2464	27.533	3.6958	1.2205	6832	27.533	3.6958	1.2205
2465	45.91	3.067	2.8907	6833	45.91	3.067	2.8907
2466	40.088	3.8133	2.0185	6834	40.088	3.8133	2.0185
2467	44.155	3.5039	2.3364	6835	44.155	3.5039	2.3364
2468	33.245	2.482	2.5385	6836	33.245	2.482	2.5385
2469	24.87	3.4147	3.0207	6837	24.87	3.4147	3.0207
2470	36.346	4.2555	1.8282	6838	36.346	4.2555	1.8282
2471	31.027	2.1483	2.3104	6839	31.027	2.1483	2.3104
2472	27.63	3.8156	1.7717	6840	27.63	3.8156	1.7717
2473	28.936	2.2226	2.3875	6841	28.936	2.2226	2.3875
2474	32.451	2.9254	2.5157	6842	32.451	2.9254	2.5157
2475	43.632	3.0895	3.1489	6843	43.632	3.0895	3.1489
2476	29.556	3.7039	3.0855	6844	29.556	3.7039	3.0855
2477	30.737	2.6681	2.4725	6845	30.737	2.6681	2.4725
2478	37.827	2.3835	1.432	6846	37.827	2.3835	1.432
2479	27.587	2.8098	2.439	6847	27.587	2.8098	2.439
2480	26.835	3.3031	2.68	6848	26.835	3.3031	2.68
2481	29.461	3.1141	3.5303	6849	29.461	3.1141	3.5303
2482	30.243	2.8362	2.2869	6850	30.243	2.8362	2.2869
2483	30.684	3.768	3.034	6851	30.684	3.768	3.034
2484	18.639	2.5158	3.0842	6852	18.639	2.5158	3.0842
2485	29.946	4.0167	2.6679	6853	29.946	4.0167	2.6679
2486	33.707	4.2922	2.7702	6854	33.707	4.2922	2.7702
2487	30.473	2.0782	3.1314	6855	30.473	2.0782	3.1314

2488	38.906	3.7441	2.3264	6856	38.906	3.7441	2.3264
2489	33.239	4.4137	2.5918	6857	33.239	4.4137	2.5918
2490	27.586	4.2008	3.3715	6858	27.586	4.2008	3.3715
2491	23.702	3.0031	3.5084	6859	23.702	3.0031	3.5084
2492	22.362	2.1548	2.9289	6860	22.362	2.1548	2.9289
2493	45.386	3.35	2.0161	6861	45.386	3.35	2.0161
2494	50.914	3.2114	3.0914	6862	50.914	3.2114	3.0914
2495	29.707	2.5249	2.9071	6863	29.707	2.5249	2.9071
2496	30.667	4.1894	2.6459	6864	30.667	4.1894	2.6459
2497	24.441	2.3811	2.9701	6865	24.441	2.3811	2.9701
2498	19.988	3.0288	2.2374	6866	19.988	3.0288	2.2374
2499	34.236	1.8968	0.76283	6867	34.236	1.8968	0.76283
2500	25.215	2.199	4.1185	6868	25.215	2.199	4.1185
2501	15.375	5.6208	2.8621	6869	15.375	5.6208	2.8621
2502	31.483	2.9368	2.7006	6870	31.483	2.9368	2.7006
2503	40.703	4.5373	3.9474	6871	40.703	4.5373	3.9474
2504	39.548	4.3264	1.8738	6872	39.548	4.3264	1.8738
2505	29.287	4.2827	3.7742	6873	29.287	4.2827	3.7742
2506	28.236	2.5951	2.3482	6874	28.236	2.5951	2.3482
2507	31.998	2.54	4.0752	6875	31.998	2.54	4.0752
2508	23.703	3.7681	2.5197	6876	23.703	3.7681	2.5197
2509	42.923	3.892	2.5971	6877	42.923	3.892	2.5971
2510	41.014	4.1728	2.2512	6878	41.014	4.1728	2.2512
2511	27.739	2.7872	2.4861	6879	27.739	2.7872	2.4861
2512	34.1	2.6298	3.0772	6880	34.1	2.6298	3.0772
2513	25.941	3.3963	2.6425	6881	25.941	3.3963	2.6425
2514	37.175	2.9783	2.8694	6882	37.175	2.9783	2.8694
2515	26.319	3.4663	2.1126	6883	26.319	3.4663	2.1126
2516	27.332	2.9771	2.9442	6884	27.332	2.9771	2.9442
2517	42.825	2.7148	2.399	6885	42.825	2.7148	2.399
2518	45.024	2.1624	2.3089	6886	45.024	2.1624	2.3089
2519	25.601	2.8587	3.3321	6887	25.601	2.8587	3.3321
2520	29.035	3.9724	2.3224	6888	29.035	3.9724	2.3224
2521	36.861	4.2749	2.3344	6889	36.861	4.2749	2.3344
2522	31.026	4.3204	2.8873	6890	31.026	4.3204	2.8873
2523	45.691	3.7804	2.5315	6891	45.691	3.7804	2.5315
2524	33.632	3.2273	3.2366	6892	33.632	3.2273	3.2366
2525	46.813	3.3757	3.5578	6893	46.813	3.3757	3.5578
2526	28.22	3.4938	2.0183	6894	28.22	3.4938	2.0183
2527	27.352	3.5566	2.7634	6895	27.352	3.5566	2.7634
2528	21.68	2.0894	3.1648	6896	21.68	2.0894	3.1648
2529	26.326	3.0732	2.3585	6897	26.326	3.0732	2.3585
2530	38.328	3.0199	2.3106	6898	38.328	3.0199	2.3106
2531	25.05	2.7568	2.1855	6899	25.05	2.7568	2.1855
2532	33.238	1.968	1.5114	6900	33.238	1.968	1.5114
2533	23.398	2.6293	2.7882	6901	23.398	2.6293	2.7882
2534	32.47	2.0243	3.1629	6902	32.47	2.0243	3.1629
2535	37.75	3.1729	3.8954	6903	37.75	3.1729	3.8954
2536	32.711	3.995	2.7896	6904	32.711	3.995	2.7896
2537	25.621	2.1515	3.0682	6905	25.621	2.1515	3.0682
2538	35.744	4.2142	2.4019	6906	35.744	4.2142	2.4019
2539	49.499	3.5076	2.8022	6907	49.499	3.5076	2.8022
2540	26.895	3.5516	1.5867	6908	26.895	3.5516	1.5867
2541	36.006	3.0343	0.97967	6909	36.006	3.0343	0.97967
2542	26.799	4.0234	2.3724	6910	26.799	4.0234	2.3724
2543	36.196	4.4419	3.4984	6911	36.196	4.4419	3.4984
2544	38.754	3.6117	2.2898	6912	38.754	3.6117	2.2898
2545	22.923	4.128	2.9718	6913	22.923	4.128	2.9718
2546	29.788	3.9268	1.7649	6914	29.788	3.9268	1.7649
2547	22.286	3.2877	2.3691	6915	22.286	3.2877	2.3691
2548	22.603	1.735	2.1825	6916	22.603	1.735	2.1825
2549	27.297	3.5903	2.5075	6917	27.297	3.5903	2.5075
2550	31.815	4.6763	2.7316	6918	31.815	4.6763	2.7316
2551	45.576	2.3677	0.98539	6919	45.576	2.3677	0.98539
2552	29.955	2.0133	3.9178	6920	29.955	2.0133	3.9178
2553	36.563	2.6791	3.1565	6921	36.563	2.6791	3.1565
2554	32.371	4.5072	3.2229	6922	32.371	4.5072	3.2229

2555	27.252	2.8603	3.1548	6923	27.252	2.8603	3.1548
2556	35.459	4.0207	1.9786	6924	35.459	4.0207	1.9786
2557	44.657	1.1384	2.3332	6925	44.657	1.1384	2.3332
2558	26.883	3.8424	3.4672	6926	26.883	3.8424	3.4672
2559	31.33	4.6436	2.9669	6927	31.33	4.6436	2.9669
2560	33.815	3.3116	2.54	6928	33.815	3.3116	2.54
2561	36.058	4.098	2.1562	6929	36.058	4.098	2.1562
2562	42.998	3.0444	2.5094	6930	42.998	3.0444	2.5094
2563	30.831	2.3151	2.0972	6931	30.831	2.3151	2.0972
2564	34.587	4.6506	3.1562	6932	34.587	4.6506	3.1562
2565	28.588	3.3641	2.9279	6933	28.588	3.3641	2.9279
2566	26.11	2.7083	3.0049	6934	26.11	2.7083	3.0049
2567	27.35	2.4784	1.8541	6935	27.35	2.4784	1.8541
2568	29.48	3.4181	3.755	6936	29.48	3.4181	3.755
2569	28.986	4.3629	2.67	6937	28.986	4.3629	2.67
2570	46.837	3.6559	2.8533	6938	46.837	3.6559	2.8533
2571	52.945	3.5641	2.1619	6939	52.945	3.5641	2.1619
2572	29.083	4.7479	1.9875	6940	29.083	4.7479	1.9875
2573	41.748	2.4726	2.8431	6941	41.748	2.4726	2.8431
2574	37.477	2.255	3.4871	6942	37.477	2.255	3.4871
2575	16.499	3.2473	2.3216	6943	16.499	3.2473	2.3216
2576	29.694	3.8145	2.4132	6944	29.694	3.8145	2.4132
2577	12.802	2.7493	2.6222	6945	12.802	2.7493	2.6222
2578	36.94	3	4.0371	6946	36.94	3	4.0371
2579	33.35	4.6527	2.6164	6947	33.35	4.6527	2.6164
2580	23.419	1.2597	3.2686	6948	23.419	1.2597	3.2686
2581	14.658	2.6709	2.2788	6949	14.658	2.6709	2.2788
2582	31.234	3.2786	1.7644	6950	31.234	3.2786	1.7644
2583	35.23	2.0081	2.9454	6951	35.23	2.0081	2.9454
2584	42.873	2.9699	1.9312	6952	42.873	2.9699	1.9312
2585	34.78	4.9933	4.0766	6953	34.78	4.9933	4.0766
2586	32.308	3.9103	2.2153	6954	32.308	3.9103	2.2153
2587	27.684	4.0241	2.2195	6955	27.684	4.0241	2.2195
2588	34.18	3.4189	3.6452	6956	34.18	3.4189	3.6452
2589	23.496	3.2086	2.5731	6957	23.496	3.2086	2.5731
2590	35.061	3.3321	1.8443	6958	35.061	3.3321	1.8443
2591	45.43	4.6004	3.2265	6959	45.43	4.6004	3.2265
2592	27.746	1.3144	2.2962	6960	27.746	1.3144	2.2962
2593	35.061	2.788	1.5458	6961	35.061	2.788	1.5458
2594	23.556	3.9206	4.4891	6962	23.556	3.9206	4.4891
2595	25.181	3.6498	4.5377	6963	25.181	3.6498	4.5377
2596	39.642	2.1252	2.5986	6964	39.642	2.1252	2.5986
2597	27.545	3.3018	3.5271	6965	27.545	3.3018	3.5271
2598	31.652	3.349	3.3537	6966	31.652	3.349	3.3537
2599	32.714	3.3499	1.9576	6967	32.714	3.3499	1.9576
2600	37.961	2.7744	3.1631	6968	37.961	2.7744	3.1631
2601	11.285	3.2521	2.8812	6969	11.285	3.2521	2.8812
2602	27.359	2.2806	2.767	6970	27.359	2.2806	2.767
2603	31.481	2.7682	2.0653	6971	31.481	2.7682	2.0653
2604	29.318	3.0647	3.6577	6972	29.318	3.0647	3.6577
2605	29.522	3.8836	2.1685	6973	29.522	3.8836	2.1685
2606	37.822	3.7617	2.7612	6974	37.822	3.7617	2.7612
2607	30.335	4.5816	3.3183	6975	30.335	4.5816	3.3183
2608	34.08	2.4968	3.126	6976	34.08	2.4968	3.126
2609	34.105	3.2709	2.8676	6977	34.105	3.2709	2.8676
2610	43.244	3.8177	1.4304	6978	43.244	3.8177	1.4304
2611	43.622	3.4164	2.2573	6979	43.622	3.4164	2.2573
2612	40.283	3.0643	3.6163	6980	40.283	3.0643	3.6163
2613	20.093	3.6005	2.6718	6981	20.093	3.6005	2.6718
2614	23.331	4.0424	3.3193	6982	23.331	4.0424	3.3193
2615	47.697	3.9956	2.367	6983	47.697	3.9956	2.367
2616	34.761	3.4659	1.7381	6984	34.761	3.4659	1.7381
2617	28.554	1.8731	2.3554	6985	28.554	1.8731	2.3554
2618	32.896	1.8189	1.8414	6986	32.896	1.8189	1.8414
2619	45.376	3.1413	2.3163	6987	45.376	3.1413	2.3163
2620	18.527	3.5009	3.2465	6988	18.527	3.5009	3.2465
2621	34.694	3.1588	2.878	6989	34.694	3.1588	2.878

2622	30.386	2.8504	3.323	6990	30.386	2.8504	3.323
2623	31.483	2.6095	3.0168	6991	31.483	2.6095	3.0168
2624	23.766	2.953	2.9816	6992	23.766	2.953	2.9816
2625	43.325	3.9001	3.3652	6993	43.325	3.9001	3.3652
2626	29.249	1.8057	4.1213	6994	29.249	1.8057	4.1213
2627	25.645	4.2477	3.1018	6995	25.645	4.2477	3.1018
2628	29.526	2.7298	2.2272	6996	29.526	2.7298	2.2272
2629	37.18	4.4777	1.3914	6997	37.18	4.4777	1.3914
2630	29.804	3.2079	2.9504	6998	29.804	3.2079	2.9504
2631	30.981	3.7329	2.8465	6999	30.981	3.7329	2.8465
2632	26.114	2.7525	2.1518	7000	26.114	2.7525	2.1518
2633	20.154	3.2617	2.7982	7001	20.154	3.2617	2.7982
2634	21.067	4.499	3.2178	7002	21.067	4.499	3.2178
2635	21.025	3.2083	2.8218	7003	21.025	3.2083	2.8218
2636	32.18	4.4886	3.7079	7004	32.18	4.4886	3.7079
2637	24.431	4.1059	2.7304	7005	24.431	4.1059	2.7304
2638	21.294	2.4979	2.0782	7006	21.294	2.4979	2.0782
2639	27.885	4.4341	2.9862	7007	27.885	4.4341	2.9862
2640	25.461	2.6775	2.3277	7008	25.461	2.6775	2.3277
2641	34.171	3.4502	1.8701	7009	34.171	3.4502	1.8701
2642	26.025	4.2673	2.8084	7010	26.025	4.2673	2.8084
2643	33.298	2.6968	2.2998	7011	33.298	2.6968	2.2998
2644	28.489	2.9295	3.147	7012	28.489	2.9295	3.147
2645	34.048	2.1546	3.2139	7013	34.048	2.1546	3.2139
2646	34.271	4.2774	1.5941	7014	34.271	4.2774	1.5941
2647	36.691	4.3542	3.4335	7015	36.691	4.3542	3.4335
2648	37.726	4.851	3.3452	7016	37.726	4.851	3.3452
2649	27.256	2.4114	2.1517	7017	27.256	2.4114	2.1517
2650	35.929	3.5469	2.7799	7018	35.929	3.5469	2.7799
2651	32.023	3.2804	2.7213	7019	32.023	3.2804	2.7213
2652	25.859	3.3266	2.2574	7020	25.859	3.3266	2.2574
2653	30.797	4.571	2.989	7021	30.797	4.571	2.989
2654	19.631	3.4807	3.6778	7022	19.631	3.4807	3.6778
2655	34.034	4.7214	2.8628	7023	34.034	4.7214	2.8628
2656	45.995	3.0965	2.7815	7024	45.995	3.0965	2.7815
2657	29.84	1.614	2.1442	7025	29.84	1.614	2.1442
2658	33.197	2.0302	1.7819	7026	33.197	2.0302	1.7819
2659	50.951	2.3661	2.2241	7027	50.951	2.3661	2.2241
2660	45.674	3.4027	2.3184	7028	45.674	3.4027	2.3184
2661	23.383	3.2874	2.3737	7029	23.383	3.2874	2.3737
2662	30.418	3.9844	1.7687	7030	30.418	3.9844	1.7687
2663	32.699	3.7988	2.363	7031	32.699	3.7988	2.363
2664	34.429	4.3555	1.9428	7032	34.429	4.3555	1.9428
2665	24.506	3.2732	2.1698	7033	24.506	3.2732	2.1698
2666	31.548	2.7498	2.0322	7034	31.548	2.7498	2.0322
2667	28.972	2.7005	1.4534	7035	28.972	2.7005	1.4534
2668	41.872	2.064	2.6269	7036	41.872	2.064	2.6269
2669	43.033	4.4507	2.8286	7037	43.033	4.4507	2.8286
2670	25.444	4.1619	2.2108	7038	25.444	4.1619	2.2108
2671	36.198	2.4117	3.2005	7039	36.198	2.4117	3.2005
2672	27.849	2.9833	3.1098	7040	27.849	2.9833	3.1098
2673	19.981	2.9747	2.9503	7041	19.981	2.9747	2.9503
2674	16.934	2.816	3.1952	7042	16.934	2.816	3.1952
2675	29.097	2.8035	2.7361	7043	29.097	2.8035	2.7361
2676	27.303	3.8406	2.777	7044	27.303	3.8406	2.777
2677	20.902	3.2874	3.3663	7045	20.902	3.2874	3.3663
2678	27.402	4.3366	1.9005	7046	27.402	4.3366	1.9005
2679	38.211	3.2347	3.2362	7047	38.211	3.2347	3.2362
2680	38.048	3.0039	3.2602	7048	38.048	3.0039	3.2602
2681	23.95	2.9411	1.8759	7049	23.95	2.9411	1.8759
2682	34.018	2.3388	3.036	7050	34.018	2.3388	3.036
2683	19.258	3.2833	2.2626	7051	19.258	3.2833	2.2626
2684	44.072	2.6013	2.8651	7052	44.072	2.6013	2.8651
2685	36.675	3.4715	2.7751	7053	36.675	3.4715	2.7751
2686	31.975	2.8025	2.2079	7054	31.975	2.8025	2.2079
2687	32.985	4.1103	2.1296	7055	32.985	4.1103	2.1296
2688	27.54	3.8886	1.8533	7056	27.54	3.8886	1.8533

2689	44.083	4.4199	2.168	7057	44.083	4.4199	2.168
2690	25.24	4.4393	1.5898	7058	25.24	4.4393	1.5898
2691	17.249	3.204	3.3626	7059	17.249	3.204	3.3626
2692	31.632	3.4454	2.1238	7060	31.632	3.4454	2.1238
2693	14.763	4.0216	2.5527	7061	14.763	4.0216	2.5527
2694	41.662	2.9444	3.5258	7062	41.662	2.9444	3.5258
2695	38	4.5874	2.3112	7063	38	4.5874	2.3112
2696	28.702	3.7511	2.2487	7064	28.702	3.7511	2.2487
2697	27.833	3.3964	1.6454	7065	27.833	3.3964	1.6454
2698	32.523	3.8883	3.2356	7066	32.523	3.8883	3.2356
2699	20.38	3.2101	2.9591	7067	20.38	3.2101	2.9591
2700	44.825	2.7452	1.7433	7068	44.825	2.7452	1.7433
2701	21.737	3.6504	2.057	7069	21.737	3.6504	2.057
2702	28.341	0.83297	3.2302	7070	28.341	0.83297	3.2302
2703	43.25	3.7653	2.6451	7071	43.25	3.7653	2.6451
2704	45.336	3.4634	2.4599	7072	45.336	3.4634	2.4599
2705	32.777	2.7932	2.1661	7073	32.777	2.7932	2.1661
2706	38.854	2.7492	2.605	7074	38.854	2.7492	2.605
2707	23.886	3.0941	3.5529	7075	23.886	3.0941	3.5529
2708	39.878	3.7784	3.3337	7076	39.878	3.7784	3.3337
2709	47.69	2.838	2.0067	7077	47.69	2.838	2.0067
2710	45.631	2.2003	2.7093	7078	45.631	2.2003	2.7093
2711	26.288	3.0419	2.0726	7079	26.288	3.0419	2.0726
2712	41.931	3.3704	2.3695	7080	41.931	3.3704	2.3695
2713	18.661	3.6643	2.9939	7081	18.661	3.6643	2.9939
2714	27.536	3.5313	3.2501	7082	27.536	3.5313	3.2501
2715	34.83	3.9725	2.2281	7083	34.83	3.9725	2.2281
2716	30.026	2.3631	3.3335	7084	30.026	2.3631	3.3335
2717	29.76	1.6935	2.6199	7085	29.76	1.6935	2.6199
2718	37.955	3.6818	2.6304	7086	37.955	3.6818	2.6304
2719	30.217	4.0644	2.2035	7087	30.217	4.0644	2.2035
2720	41.647	2.915	3.4237	7088	41.647	2.915	3.4237
2721	45.716	2.0072	3.5815	7089	45.716	2.0072	3.5815
2722	27.545	2.3975	1.8828	7090	27.545	2.3975	1.8828
2723	17.699	3.6224	2.6583	7091	17.699	3.6224	2.6583
2724	35.837	2.5535	3.3489	7092	35.837	2.5535	3.3489
2725	19.643	3.9586	2.0529	7093	19.643	3.9586	2.0529
2726	38.998	2.0913	1.8273	7094	38.998	2.0913	1.8273
2727	37.202	3.4096	2.936	7095	37.202	3.4096	2.936
2728	33.65	3.4393	1.5908	7096	33.65	3.4393	1.5908
2729	32.012	3.3896	3.1419	7097	32.012	3.3896	3.1419
2730	30.673	4.163	3.911	7098	30.673	4.163	3.911
2731	42.424	3.1595	2.6989	7099	42.424	3.1595	2.6989
2732	46.218	4.5423	3.2337	7100	46.218	4.5423	3.2337
2733	38.024	3.3798	3.0808	7101	38.024	3.3798	3.0808
2734	44.539	3.5433	1.5804	7102	44.539	3.5433	1.5804
2735	30.654	4.0543	1.594	7103	30.654	4.0543	1.594
2736	42.794	3.6456	3.2769	7104	42.794	3.6456	3.2769
2737	19.198	2.7703	2.8762	7105	19.198	2.7703	2.8762
2738	42.215	3.6033	2.3612	7106	42.215	3.6033	2.3612
2739	33.514	2.6871	1.3384	7107	33.514	2.6871	1.3384
2740	35.448	5.0964	2.1096	7108	35.448	5.0964	2.1096
2741	40.249	3.7352	2.3125	7109	40.249	3.7352	2.3125
2742	28.245	2.692	3.2682	7110	28.245	2.692	3.2682
2743	39.554	2.77	3.7182	7111	39.554	2.77	3.7182
2744	32.471	4.245	2.2241	7112	32.471	4.245	2.2241
2745	33.391	4.2072	2.3183	7113	33.391	4.2072	2.3183
2746	47.613	3.7517	2.6237	7114	47.613	3.7517	2.6237
2747	39.783	4.2522	2.6798	7115	39.783	4.2522	2.6798
2748	41.445	3.4968	4.2288	7116	41.445	3.4968	4.2288
2749	36.258	4.2379	1.6046	7117	36.258	4.2379	1.6046
2750	33.54	3.0786	2.8125	7118	33.54	3.0786	2.8125
2751	29.21	4.537	1.9655	7119	29.21	4.537	1.9655
2752	28.93	2.3219	2.2852	7120	28.93	2.3219	2.2852
2753	30.758	2.5479	2.2036	7121	30.758	2.5479	2.2036
2754	22.429	1.8235	3.1591	7122	22.429	1.8235	3.1591
2755	25.006	4.4331	3.0422	7123	25.006	4.4331	3.0422

2756	29.197	4.0035	2.515	7124	29.197	4.0035	2.515
2757	32.353	4.0397	2.073	7125	32.353	4.0397	2.073
2758	43.179	2.5738	1.5424	7126	43.179	2.5738	1.5424
2759	40.657	4.2824	2.9745	7127	40.657	4.2824	2.9745
2760	38.437	1.9424	2.0877	7128	38.437	1.9424	2.0877
2761	31.049	3.3489	4.0414	7129	31.049	3.3489	4.0414
2762	38.779	2.9056	3.0412	7130	38.779	2.9056	3.0412
2763	39.829	4.0481	2.8158	7131	39.829	4.0481	2.8158
2764	25.963	3.5782	3.9628	7132	25.963	3.5782	3.9628
2765	44.139	3.3198	3.7108	7133	44.139	3.3198	3.7108
2766	26.339	3.7863	3.3538	7134	26.339	3.7863	3.3538
2767	19.691	1.5872	1.6227	7135	19.691	1.5872	1.6227
2768	44.157	3.0916	3.0605	7136	44.157	3.0916	3.0605
2769	35.095	2.1229	2.3816	7137	35.095	2.1229	2.3816
2770	45.399	3.3066	1.2021	7138	45.399	3.3066	1.2021
2771	39.616	4.0623	3.4383	7139	39.616	4.0623	3.4383
2772	31.22	3.8319	3.3459	7140	31.22	3.8319	3.3459
2773	31.116	2.2707	2.2629	7141	31.116	2.2707	2.2629
2774	34.999	3.8893	3.0828	7142	34.999	3.8893	3.0828
2775	37.663	3.8434	2.4912	7143	37.663	3.8434	2.4912
2776	39.448	4.4237	2.4962	7144	39.448	4.4237	2.4962
2777	45.47	1.586	2.8527	7145	45.47	1.586	2.8527
2778	32.683	1.4933	2.2083	7146	32.683	1.4933	2.2083
2779	29.832	1.8884	3.8951	7147	29.832	1.8884	3.8951
2780	28.584	2.546	3.1052	7148	28.584	2.546	3.1052
2781	30.044	3.5346	2.9645	7149	30.044	3.5346	2.9645
2782	45.602	1.8136	2.7771	7150	45.602	1.8136	2.7771
2783	47.502	2.6329	2.6132	7151	47.502	2.6329	2.6132
2784	36.291	3.6656	0.86488	7152	36.291	3.6656	0.86488
2785	38.83	3.1102	2.7713	7153	38.83	3.1102	2.7713
2786	28.649	3.4729	2.8753	7154	28.649	3.4729	2.8753
2787	25.902	2.1153	3.0152	7155	25.902	2.1153	3.0152
2788	26.584	2.6338	2.4837	7156	26.584	2.6338	2.4837
2789	32.585	4.6432	3.253	7157	32.585	4.6432	3.253
2790	46.993	4.0298	1.3007	7158	46.993	4.0298	1.3007
2791	25.156	2.4125	2.4581	7159	25.156	2.4125	2.4581
2792	26.805	3.4258	2.6264	7160	26.805	3.4258	2.6264
2793	37.618	2.6771	3.7979	7161	37.618	2.6771	3.7979
2794	19.631	2.6959	1.3866	7162	19.631	2.6959	1.3866
2795	35.495	3.3797	1.726	7163	35.495	3.3797	1.726
2796	31.041	2.8389	2.65	7164	31.041	2.8389	2.65
2797	38.912	4.5411	2.6052	7165	38.912	4.5411	2.6052
2798	28.209	2.7231	2.464	7166	28.209	2.7231	2.464
2799	35.558	3.9873	2.3528	7167	35.558	3.9873	2.3528
2800	30.266	2.6709	2.3695	7168	30.266	2.6709	2.3695
2801	36.362	1.8988	2.1613	7169	36.362	1.8988	2.1613
2802	22.266	4.6545	2.9057	7170	22.266	4.6545	2.9057
2803	26.708	2.9216	2.369	7171	26.708	2.9216	2.369
2804	28.213	4.2275	2.3271	7172	28.213	4.2275	2.3271
2805	45.232	1.9051	2.4472	7173	45.232	1.9051	2.4472
2806	33.941	3.8531	2.3776	7174	33.941	3.8531	2.3776
2807	43.163	4.7262	3.693	7175	43.163	4.7262	3.693
2808	25.586	3.0544	1.5585	7176	25.586	3.0544	1.5585
2809	39.564	4.1389	2.5799	7177	39.564	4.1389	2.5799
2810	22.161	1.8323	1.7885	7178	22.161	1.8323	1.7885
2811	37.941	3.1074	3.4328	7179	37.941	3.1074	3.4328
2812	33.749	4.0336	1.7717	7180	33.749	4.0336	1.7717
2813	29.433	2.6642	2.6025	7181	29.433	2.6642	2.6025
2814	43.399	3.9396	3.212	7182	43.399	3.9396	3.212
2815	35.376	2.7303	1.682	7183	35.376	2.7303	1.682
2816	30.155	3.9013	1.9775	7184	30.155	3.9013	1.9775
2817	35.697	3.9751	2.2141	7185	35.697	3.9751	2.2141
2818	47.498	2.5481	2.6508	7186	47.498	2.5481	2.6508
2819	22.09	2.9041	2.4304	7187	22.09	2.9041	2.4304
2820	32.344	2.2254	2.1782	7188	32.344	2.2254	2.1782
2821	26.886	1.2839	2.4329	7189	26.886	1.2839	2.4329
2822	15.188	3.4457	1.9276	7190	15.188	3.4457	1.9276

2823	18.109	3.7283	3.015	7191	18.109	3.7283	3.015
2824	28.85	3.2185	2.6704	7192	28.85	3.2185	2.6704
2825	31.757	4.9028	2.4917	7193	31.757	4.9028	2.4917
2826	34.084	3.9331	2.2064	7194	34.084	3.9331	2.2064
2827	35.181	3.8609	2.4601	7195	35.181	3.8609	2.4601
2828	50.477	3.9292	2.6127	7196	50.477	3.9292	2.6127
2829	23.887	3.7042	2.6873	7197	23.887	3.7042	2.6873
2830	40.844	3.3072	2.4298	7198	40.844	3.3072	2.4298
2831	34.374	3.3574	3.1823	7199	34.374	3.3574	3.1823
2832	30.489	4.3975	2.7501	7200	30.489	4.3975	2.7501
2833	40.906	3.5318	3.0609	7201	40.906	3.5318	3.0609
2834	34.934	3.8552	2.061	7202	34.934	3.8552	2.061
2835	36.541	4.1794	3.3881	7203	36.541	4.1794	3.3881
2836	30.22	2.1212	1.7876	7204	30.22	2.1212	1.7876
2837	14.062	2.1765	1.7334	7205	14.062	2.1765	1.7334
2838	38.97	3.5564	2.6082	7206	38.97	3.5564	2.6082
2839	43.387	3.4284	2.9163	7207	43.387	3.4284	2.9163
2840	25.202	3.6521	3.0903	7208	25.202	3.6521	3.0903
2841	40.833	2.841	2.9696	7209	40.833	2.841	2.9696
2842	24.3	3.8656	3.4186	7210	24.3	3.8656	3.4186
2843	21.579	3.5815	3.0262	7211	21.579	3.5815	3.0262
2844	34.175	2.4239	3.9897	7212	34.175	2.4239	3.9897
2845	18.195	4.2084	2.4551	7213	18.195	4.2084	2.4551
2846	37.297	4.0484	3.2326	7214	37.297	4.0484	3.2326
2847	26.448	3.4737	2.7795	7215	26.448	3.4737	2.7795
2848	35.413	3.8565	2.6137	7216	35.413	3.8565	2.6137
2849	42.017	2.7653	2.4303	7217	42.017	2.7653	2.4303
2850	19.415	2.6666	3.2734	7218	19.415	2.6666	3.2734
2851	31.895	3.495	3.0065	7219	31.895	3.495	3.0065
2852	38.529	2.8825	3.5899	7220	38.529	2.8825	3.5899
2853	36.968	4.6836	3.0194	7221	36.968	4.6836	3.0194
2854	31.191	3.9849	2.4907	7222	31.191	3.9849	2.4907
2855	28.302	4.3123	1.5712	7223	28.302	4.3123	1.5712
2856	42.469	3.1492	2.4417	7224	42.469	3.1492	2.4417
2857	25.5	2.9433	3.024	7225	25.5	2.9433	3.024
2858	31.834	3.924	3.2176	7226	31.834	3.924	3.2176
2859	44.694	3.6594	2.6856	7227	44.694	3.6594	2.6856
2860	38.963	3.6152	2.7918	7228	38.963	3.6152	2.7918
2861	28.561	3.5967	2.2059	7229	28.561	3.5967	2.2059
2862	40.64	4.072	2.9568	7230	40.64	4.072	2.9568
2863	39.825	2.3962	2.2998	7231	39.825	2.3962	2.2998
2864	43.958	3.5454	1.4191	7232	43.958	3.5454	1.4191
2865	35.59	1.941	2.1491	7233	35.59	1.941	2.1491
2866	35.749	2.4772	2.3443	7234	35.749	2.4772	2.3443
2867	37.768	4.1972	2.7652	7235	37.768	4.1972	2.7652
2868	26.344	3.319	3.246	7236	26.344	3.319	3.246
2869	33.782	2.6326	2.6177	7237	33.782	2.6326	2.6177
2870	28.616	2.4775	1.9433	7238	28.616	2.4775	1.9433
2871	44.313	3.507	1.2529	7239	44.313	3.507	1.2529
2872	39.456	3.7412	2.1872	7240	39.456	3.7412	2.1872
2873	17.279	4.0091	4.0561	7241	17.279	4.0091	4.0561
2874	20.729	3.5026	2.6555	7242	20.729	3.5026	2.6555
2875	32.24	3.8243	1.8709	7243	32.24	3.8243	1.8709
2876	33.867	3.0882	2.8667	7244	33.867	3.0882	2.8667
2877	33.812	4.5383	2.7585	7245	33.812	4.5383	2.7585
2878	40.681	3.2567	2.6224	7246	40.681	3.2567	2.6224
2879	25.038	4.2382	3.8421	7247	25.038	4.2382	3.8421
2880	39.67	4.4142	1.37	7248	39.67	4.4142	1.37
2881	49.04	1.3643	2.7533	7249	49.04	1.3643	2.7533
2882	27.621	2.8459	2.0769	7250	27.621	2.8459	2.0769
2883	31.556	1.9572	1.3307	7251	31.556	1.9572	1.3307
2884	26.68	2.4284	3.2215	7252	26.68	2.4284	3.2215
2885	37.594	1.3606	0.9484	7253	37.594	1.3606	0.9484
2886	30.475	2.7523	2.9929	7254	30.475	2.7523	2.9929
2887	39.317	3.8163	1.2068	7255	39.317	3.8163	1.2068
2888	46.734	3.0443	2.7002	7256	46.734	3.0443	2.7002
2889	28.239	3.6842	2.8115	7257	28.239	3.6842	2.8115

2890	23.823	2.3045	3.0383	7258	23.823	2.3045	3.0383
2891	29.089	3.0587	2.7178	7259	29.089	3.0587	2.7178
2892	23.694	2.7315	2.1045	7260	23.694	2.7315	2.1045
2893	34.507	3.2552	1.6031	7261	34.507	3.2552	1.6031
2894	37.309	2.8464	2.5778	7262	37.309	2.8464	2.5778
2895	48.047	3.5855	3.4715	7263	48.047	3.5855	3.4715
2896	34.244	3.9561	2.1567	7264	34.244	3.9561	2.1567
2897	21.843	3.9062	3.0166	7265	21.843	3.9062	3.0166
2898	22.602	4.9944	2.6665	7266	22.602	4.9944	2.6665
2899	33.971	2.9902	1.4263	7267	33.971	2.9902	1.4263
2900	36.346	2.4676	2.1734	7268	36.346	2.4676	2.1734
2901	29.816	2.4556	2.7548	7269	29.816	2.4556	2.7548
2902	29.448	2.2563	2.3168	7270	29.448	2.2563	2.3168
2903	16.635	2.2764	3.5126	7271	16.635	2.2764	3.5126
2904	32.797	4.4102	1.9902	7272	32.797	4.4102	1.9902
2905	18.961	4.0081	1.8768	7273	18.961	4.0081	1.8768
2906	24.014	3.2372	2.6088	7274	24.014	3.2372	2.6088
2907	29.997	2.3389	2.6692	7275	29.997	2.3389	2.6692
2908	44.715	4.8697	1.9399	7276	44.715	4.8697	1.9399
2909	42.518	3.5654	2.4709	7277	42.518	3.5654	2.4709
2910	35.209	2.9827	3.2107	7278	35.209	2.9827	3.2107
2911	44.619	3.884	3.2481	7279	44.619	3.884	3.2481
2912	34.694	4.4568	3.6634	7280	34.694	4.4568	3.6634
2913	35.513	3.246	2.084	7281	35.513	3.246	2.084
2914	32.432	4.2105	2.184	7282	32.432	4.2105	2.184
2915	23.916	3.0241	1.6223	7283	23.916	3.0241	1.6223
2916	29.249	3.7142	2.7177	7284	29.249	3.7142	2.7177
2917	33.72	4.515	2.1611	7285	33.72	4.515	2.1611
2918	28.985	2.4197	2.3492	7286	28.985	2.4197	2.3492
2919	24.289	2.5843	2.2304	7287	24.289	2.5843	2.2304
2920	34.655	3.4433	2.3195	7288	34.655	3.4433	2.3195
2921	28.791	3.4158	3.8544	7289	28.791	3.4158	3.8544
2922	36.883	2.3082	2.9424	7290	36.883	2.3082	2.9424
2923	35.079	2.409	2.004	7291	35.079	2.409	2.004
2924	22.944	3.6153	3.512	7292	22.944	3.6153	3.512
2925	40.566	2.2406	2.2428	7293	40.566	2.2406	2.2428
2926	42.726	2.7232	3.6532	7294	42.726	2.7232	3.6532
2927	38.5	2.7379	2.7934	7295	38.5	2.7379	2.7934
2928	33.354	4.2236	2.7469	7296	33.354	4.2236	2.7469
2929	35.678	3.3787	3.0184	7297	35.678	3.3787	3.0184
2930	37.727	1.1464	2.2573	7298	37.727	1.1464	2.2573
2931	27.863	3.8544	3.94	7299	27.863	3.8544	3.94
2932	36.7	4.5874	1.2056	7300	36.7	4.5874	1.2056
2933	27.412	3.6323	2.0595	7301	27.412	3.6323	2.0595
2934	26.839	1.7918	1.8436	7302	26.839	1.7918	1.8436
2935	27.637	2.5538	1.9831	7303	27.637	2.5538	1.9831
2936	27.811	2.8752	2.9912	7304	27.811	2.8752	2.9912
2937	27.622	4.953	2.8129	7305	27.622	4.953	2.8129
2938	41.154	2.1497	2.1449	7306	41.154	2.1497	2.1449
2939	34.911	1.9442	2.21	7307	34.911	1.9442	2.21
2940	32.365	3.833	2.5514	7308	32.365	3.833	2.5514
2941	23.807	2.74	2.9866	7309	23.807	2.74	2.9866
2942	17.221	4.7254	2.5046	7310	17.221	4.7254	2.5046
2943	33.059	4.7211	3.1546	7311	33.059	4.7211	3.1546
2944	27.688	1.9224	2.7494	7312	27.688	1.9224	2.7494
2945	35.54	3.2165	2.6609	7313	35.54	3.2165	2.6609
2946	39.978	3.7106	2.932	7314	39.978	3.7106	2.932
2947	41.158	4.1376	3.6942	7315	41.158	4.1376	3.6942
2948	29.24	2.7018	1.2743	7316	29.24	2.7018	1.2743
2949	32.835	2.0067	2.0718	7317	32.835	2.0067	2.0718
2950	16.829	2.1543	2.8591	7318	16.829	2.1543	2.8591
2951	12.725	3.9796	2.7196	7319	12.725	3.9796	2.7196
2952	43.868	1.7587	3.4505	7320	43.868	1.7587	3.4505
2953	22.832	4.4264	2.2871	7321	22.832	4.4264	2.2871
2954	25.374	4.2577	1.9488	7322	25.374	4.2577	1.9488
2955	40.04	3.2855	2.4331	7323	40.04	3.2855	2.4331
2956	25.979	1.8673	2.6462	7324	25.979	1.8673	2.6462

2957	46.601	3.5051	2.9478	7325	46.601	3.5051	2.9478
2958	24.553	3.9547	1.8604	7326	24.553	3.9547	1.8604
2959	25.29	2.4138	2.966	7327	25.29	2.4138	2.966
2960	38.42	5.3232	2.2929	7328	38.42	5.3232	2.2929
2961	41.093	4.6654	2.8833	7329	41.093	4.6654	2.8833
2962	35.126	2.7297	2.3133	7330	35.126	2.7297	2.3133
2963	17.114	4.1436	1.6346	7331	17.114	4.1436	1.6346
2964	32.063	3.5443	3.3952	7332	32.063	3.5443	3.3952
2965	38.231	1.8292	1.2062	7333	38.231	1.8292	1.2062
2966	34.63	2.7294	3.815	7334	34.63	2.7294	3.815
2967	43.01	2.3265	2.9564	7335	43.01	2.3265	2.9564
2968	32.221	3.9697	1.7335	7336	32.221	3.9697	1.7335
2969	36.62	2.7623	1.4726	7337	36.62	2.7623	1.4726
2970	25.75	2.8177	3.088	7338	25.75	2.8177	3.088
2971	25.213	2.2805	1.6995	7339	25.213	2.2805	1.6995
2972	43.116	4.5366	3.0416	7340	43.116	4.5366	3.0416
2973	28.467	3.6262	4.0525	7341	28.467	3.6262	4.0525
2974	45.204	3.1206	1.1938	7342	45.204	3.1206	1.1938
2975	36.136	2.4654	0.79613	7343	36.136	2.4654	0.79613
2976	22.307	4.0451	2.6332	7344	22.307	4.0451	2.6332
2977	34.378	2.9848	1.3486	7345	34.378	2.9848	1.3486
2978	38.694	3.7411	2.1624	7346	38.694	3.7411	2.1624
2979	40.506	2.9607	4.0727	7347	40.506	2.9607	4.0727
2980	28.451	3.9645	2.2344	7348	28.451	3.9645	2.2344
2981	47.389	3.4986	2.4283	7349	47.389	3.4986	2.4283
2982	30.72	4.3984	2.9716	7350	30.72	4.3984	2.9716
2983	27.131	3.1079	2.8863	7351	27.131	3.1079	2.8863
2984	17.273	3.1661	1.7621	7352	17.273	3.1661	1.7621
2985	34.07	2.718	2.8787	7353	34.07	2.718	2.8787
2986	31.062	2.4017	2.5844	7354	31.062	2.4017	2.5844
2987	33.984	2.1239	2.2436	7355	33.984	2.1239	2.2436
2988	33.283	3.4236	2.4188	7356	33.283	3.4236	2.4188
2989	28.811	3.469	2.8409	7357	28.811	3.469	2.8409
2990	17.571	2.4731	3.324	7358	17.571	2.4731	3.324
2991	18.445	3.0109	2.2288	7359	18.445	3.0109	2.2288
2992	29.366	3.0539	1.2725	7360	29.366	3.0539	1.2725
2993	52.302	2.7275	2.3819	7361	52.302	2.7275	2.3819
2994	46.608	2.7017	2.5251	7362	46.608	2.7017	2.5251
2995	16.239	3.2771	2.5733	7363	16.239	3.2771	2.5733
2996	28.906	3.1427	3.9513	7364	28.906	3.1427	3.9513
2997	25.806	4.026	3.0552	7365	25.806	4.026	3.0552
2998	20.841	3.9606	2.8682	7366	20.841	3.9606	2.8682
2999	15.72	2.887	3.2985	7367	15.72	2.887	3.2985
3000	51.04	3.0333	2.0874	7368	51.04	3.0333	2.0874
3001	32.97	3.2045	2.8486	7369	32.97	3.2045	2.8486
3002	38.189	4.1259	1.7636	7370	38.189	4.1259	1.7636
3003	38.729	4.2787	2.0595	7371	38.729	4.2787	2.0595
3004	48.301	3.8858	1.9268	7372	48.301	3.8858	1.9268
3005	18.305	1.8839	1.3601	7373	18.305	1.8839	1.3601
3006	36.56	4.9433	1.3655	7374	36.56	4.9433	1.3655
3007	46.275	2.1527	2.4827	7375	46.275	2.1527	2.4827
3008	48.248	3.3868	3.2448	7376	48.248	3.3868	3.2448
3009	31.227	2.7947	3.4809	7377	31.227	2.7947	3.4809
3010	35.828	3.8707	2.6978	7378	35.828	3.8707	2.6978
3011	27.055	2.5671	2.3757	7379	27.055	2.5671	2.3757
3012	35.359	3.7051	2.5789	7380	35.359	3.7051	2.5789
3013	43.308	2.7264	2.3616	7381	43.308	2.7264	2.3616
3014	41.562	2.6585	2.1591	7382	41.562	2.6585	2.1591
3015	43.909	3.0697	2.3749	7383	43.909	3.0697	2.3749
3016	29.755	1.9521	0.71021	7384	29.755	1.9521	0.71021
3017	42.381	3.0848	2.388	7385	42.381	3.0848	2.388
3018	34.62	3.3876	2.6063	7386	34.62	3.3876	2.6063
3019	32.659	0.38709	2.1388	7387	32.659	0.38709	2.1388
3020	37.316	3.9201	3.5474	7388	37.316	3.9201	3.5474
3021	27.709	3.0811	3.7705	7389	27.709	3.0811	3.7705
3022	37.197	1.9344	2.3688	7390	37.197	1.9344	2.3688
3023	30.685	3.8785	2.2904	7391	30.685	3.8785	2.2904

3024	36.212	3.4682	2.2031	7392	36.212	3.4682	2.2031
3025	24.228	3.2179	2.063	7393	24.228	3.2179	2.063
3026	26.02	2.028	3.1123	7394	26.02	2.028	3.1123
3027	29.597	1.5644	1.8393	7395	29.597	1.5644	1.8393
3028	33.438	2.396	2.2857	7396	33.438	2.396	2.2857
3029	38.861	3.7343	2.7656	7397	38.861	3.7343	2.7656
3030	29.706	2.7676	2.7919	7398	29.706	2.7676	2.7919
3031	33.388	3.2978	2.2783	7399	33.388	3.2978	2.2783
3032	28.92	2.4066	2.5034	7400	28.92	2.4066	2.5034
3033	33.117	1.0022	2.098	7401	33.117	1.0022	2.098
3034	41.816	2.5397	1.9364	7402	41.816	2.5397	1.9364
3035	42.09	2.0954	2.4678	7403	42.09	2.0954	2.4678
3036	23.167	2.7153	2.2756	7404	23.167	2.7153	2.2756
3037	35.944	4.8116	3.5684	7405	35.944	4.8116	3.5684
3038	43.799	4.7014	3.3971	7406	43.799	4.7014	3.3971
3039	19.64	4.008	2.8457	7407	19.64	4.008	2.8457
3040	21.738	3.0428	2.5838	7408	21.738	3.0428	2.5838
3041	39.233	3.3049	2.8574	7409	39.233	3.3049	2.8574
3042	27.461	1.7149	3.0308	7410	27.461	1.7149	3.0308
3043	46.096	2.5795	2.8609	7411	46.096	2.5795	2.8609
3044	35.157	3.0804	3.4955	7412	35.157	3.0804	3.4955
3045	43.343	3.6802	3.629	7413	43.343	3.6802	3.629
3046	45.114	4.2369	2.918	7414	45.114	4.2369	2.918
3047	40.999	3.6717	4.0581	7415	40.999	3.6717	4.0581
3048	21.655	3.9733	2.6777	7416	21.655	3.9733	2.6777
3049	17.963	1.9028	1.7272	7417	17.963	1.9028	1.7272
3050	34.748	2.6755	2.5269	7418	34.748	2.6755	2.5269
3051	22.142	4.0158	2.6502	7419	22.142	4.0158	2.6502
3052	36.147	4.3309	2.8875	7420	36.147	4.3309	2.8875
3053	49.865	3.0196	2.2047	7421	49.865	3.0196	2.2047
3054	48.882	3.2039	1.9689	7422	48.882	3.2039	1.9689
3055	33.816	3.7688	2.5813	7423	33.816	3.7688	2.5813
3056	32.195	2.3702	2.5044	7424	32.195	2.3702	2.5044
3057	43.785	3.4264	2.4459	7425	43.785	3.4264	2.4459
3058	37.414	2.1978	3.1642	7426	37.414	2.1978	3.1642
3059	29.261	2.9507	2.2416	7427	29.261	2.9507	2.2416
3060	26.161	3.034	2.1884	7428	26.161	3.034	2.1884
3061	43.184	3.9528	3.495	7429	43.184	3.9528	3.495
3062	34.274	3.6237	2.603	7430	34.274	3.6237	2.603
3063	37.774	2.8176	2.7534	7431	37.774	2.8176	2.7534
3064	25.127	3.3797	2.3619	7432	25.127	3.3797	2.3619
3065	27.462	3.1676	2.5983	7433	27.462	3.1676	2.5983
3066	37.794	3.9949	3.288	7434	37.794	3.9949	3.288
3067	27.612	2.1556	3.6422	7435	27.612	2.1556	3.6422
3068	37.944	3.1363	3.2789	7436	37.944	3.1363	3.2789
3069	18.952	1.6788	2.8715	7437	18.952	1.6788	2.8715
3070	38.574	1.3047	2.9366	7438	38.574	1.3047	2.9366
3071	49.345	3.5746	1.393	7439	49.345	3.5746	1.393
3072	37.069	2.6762	2.6484	7440	37.069	2.6762	2.6484
3073	51.028	2.302	3.1228	7441	51.028	2.302	3.1228
3074	25.843	3.4924	2.2142	7442	25.843	3.4924	2.2142
3075	26.497	1.6484	2.0021	7443	26.497	1.6484	2.0021
3076	24.47	2.7771	2.533	7444	24.47	2.7771	2.533
3077	25.061	2.5517	3.8734	7445	25.061	2.5517	3.8734
3078	28.187	2.5435	2.1094	7446	28.187	2.5435	2.1094
3079	44.512	4.0695	1.999	7447	44.512	4.0695	1.999
3080	25.257	3.8832	3.472	7448	25.257	3.8832	3.472
3081	43.033	3.0771	3.1053	7449	43.033	3.0771	3.1053
3082	34.424	5.01	1.9021	7450	34.424	5.01	1.9021
3083	19.292	2.6655	2.599	7451	19.292	2.6655	2.599
3084	25.865	2.6191	2.0683	7452	25.865	2.6191	2.0683
3085	27.572	4.9772	3.1594	7453	27.572	4.9772	3.1594
3086	31.3	4.3348	3.1241	7454	31.3	4.3348	3.1241
3087	38.78	2.7263	1.999	7455	38.78	2.7263	1.999
3088	28.543	2.354	2.0979	7456	28.543	2.354	2.0979
3089	20.951	4.5297	3.2753	7457	20.951	4.5297	3.2753
3090	18.675	4.0831	2.1046	7458	18.675	4.0831	2.1046

3091	38.846	2.5057	3.3596	7459	38.846	2.5057	3.3596
3092	33.171	2.7953	3.3614	7460	33.171	2.7953	3.3614
3093	47.026	2.5626	2.3097	7461	47.026	2.5626	2.3097
3094	35.762	3.2432	2.3113	7462	35.762	3.2432	2.3113
3095	30.468	2.7021	3.2267	7463	30.468	2.7021	3.2267
3096	38.169	3.5147	1.9194	7464	38.169	3.5147	1.9194
3097	34.721	3.9921	2.868	7465	34.721	3.9921	2.868
3098	19.711	2.8557	2.2667	7466	19.711	2.8557	2.2667
3099	41.241	2.9831	3.6374	7467	41.241	2.9831	3.6374
3100	29.461	2.771	2.4673	7468	29.461	2.771	2.4673
3101	17.388	4.4403	1.5031	7469	17.388	4.4403	1.5031
3102	39.372	4.3014	3.4275	7470	39.372	4.3014	3.4275
3103	53.57	3.2754	2.5519	7471	53.57	3.2754	2.5519
3104	21.212	3.4405	1.8506	7472	21.212	3.4405	1.8506
3105	37.493	2.3901	2.696	7473	37.493	2.3901	2.696
3106	29.478	3.7149	2.8098	7474	29.478	3.7149	2.8098
3107	24.628	3.1855	2.3762	7475	24.628	3.1855	2.3762
3108	39.273	3.1437	4.0176	7476	39.273	3.1437	4.0176
3109	36.179	3.0412	1.4691	7477	36.179	3.0412	1.4691
3110	34.922	2.9059	1.7335	7478	34.922	2.9059	1.7335
3111	23.7	2.853	2.7533	7479	23.7	2.853	2.7533
3112	18.634	1.6049	1.7404	7480	18.634	1.6049	1.7404
3113	35.781	3.2217	2.3744	7481	35.781	3.2217	2.3744
3114	24.6	3.8708	3.9509	7482	24.6	3.8708	3.9509
3115	38.914	2.2947	3.6912	7483	38.914	2.2947	3.6912
3116	25.5	3.0369	1.9677	7484	25.5	3.0369	1.9677
3117	45.828	3.1103	1.9823	7485	45.828	3.1103	1.9823
3118	18.446	2.1182	2.5901	7486	18.446	2.1182	2.5901
3119	27.09	3.1864	3.547	7487	27.09	3.1864	3.547
3120	32.911	1.4137	3.0334	7488	32.911	1.4137	3.0334
3121	22.917	2.5985	2.4603	7489	22.917	2.5985	2.4603
3122	37.095	4.4647	2.2445	7490	37.095	4.4647	2.2445
3123	29.238	3.8444	1.4771	7491	29.238	3.8444	1.4771
3124	33.971	2.4344	3.0386	7492	33.971	2.4344	3.0386
3125	30.357	1.6385	3.3694	7493	30.357	1.6385	3.3694
3126	21.758	2.4537	2.7502	7494	21.758	2.4537	2.7502
3127	17.72	1.6278	2.1418	7495	17.72	1.6278	2.1418
3128	22.616	3.4077	1.5044	7496	22.616	3.4077	1.5044
3129	28.965	2.8094	3.7458	7497	28.965	2.8094	3.7458
3130	26.264	4.0708	2.1612	7498	26.264	4.0708	2.1612
3131	40.102	1.6048	2.6633	7499	40.102	1.6048	2.6633
3132	30.325	3.7073	2.5212	7500	30.325	3.7073	2.5212
3133	34.011	3.0529	3.0251	7501	34.011	3.0529	3.0251
3134	46.91	4.5262	2.0318	7502	46.91	4.5262	2.0318
3135	43.902	2.7257	2.1512	7503	43.902	2.7257	2.1512
3136	34.314	2.318	2.7082	7504	34.314	2.318	2.7082
3137	33.989	2.9414	3.62	7505	33.989	2.9414	3.62
3138	35.847	3.9958	3.4041	7506	35.847	3.9958	3.4041
3139	17.762	2.5212	1.7736	7507	17.762	2.5212	1.7736
3140	22.41	4.0203	3.3095	7508	22.41	4.0203	3.3095
3141	29.175	2.9807	1.1583	7509	29.175	2.9807	1.1583
3142	22.632	3.498	2.0167	7510	22.632	3.498	2.0167
3143	29.2	3.2425	3.0416	7511	29.2	3.2425	3.0416
3144	41.218	3.2792	1.9298	7512	41.218	3.2792	1.9298
3145	25.33	3.4732	1.5004	7513	25.33	3.4732	1.5004
3146	42.071	2.0151	1.8951	7514	42.071	2.0151	1.8951
3147	34.842	4.0917	3.0438	7515	34.842	4.0917	3.0438
3148	27.528	3.5579	2.4111	7516	27.528	3.5579	2.4111
3149	35.146	4.0124	3.096	7517	35.146	4.0124	3.096
3150	12.156	3.305	3.5637	7518	12.156	3.305	3.5637
3151	27.11	2.4205	2.343	7519	27.11	2.4205	2.343
3152	31.311	3.3385	2.0446	7520	31.311	3.3385	2.0446
3153	26.908	4.65	2.6204	7521	26.908	4.65	2.6204
3154	23.111	3.1439	2.0807	7522	23.111	3.1439	2.0807
3155	22.37	2.7083	2.9201	7523	22.37	2.7083	2.9201
3156	30.378	2.5239	3.0463	7524	30.378	2.5239	3.0463
3157	21.824	4.9828	2.7613	7525	21.824	4.9828	2.7613

3158	35.377	5.0355	3.0439	7526	35.377	5.0355	3.0439
3159	38.336	4.2846	1.9978	7527	38.336	4.2846	1.9978
3160	35.707	4.1286	1.4338	7528	35.707	4.1286	1.4338
3161	23.836	2.761	2.6716	7529	23.836	2.761	2.6716
3162	18.367	4.2665	2.6219	7530	18.367	4.2665	2.6219
3163	16.003	4.013	2.4269	7531	16.003	4.013	2.4269
3164	32.104	2.9197	3.7479	7532	32.104	2.9197	3.7479
3165	25.652	4.0809	3.2494	7533	25.652	4.0809	3.2494
3166	41.093	3.1928	2.5723	7534	41.093	3.1928	2.5723
3167	33.936	4.6458	1.5573	7535	33.936	4.6458	1.5573
3168	34.557	2.8728	2.8768	7536	34.557	2.8728	2.8768
3169	34.786	1.753	2.522	7537	34.786	1.753	2.522
3170	19.652	2.5001	3.6852	7538	19.652	2.5001	3.6852
3171	40.791	4.1256	3.0293	7539	40.791	4.1256	3.0293
3172	30.748	3.7211	2.4702	7540	30.748	3.7211	2.4702
3173	28.311	3.8402	2.025	7541	28.311	3.8402	2.025
3174	44.441	3.7827	3.4087	7542	44.441	3.7827	3.4087
3175	20.882	2.425	2.872	7543	20.882	2.425	2.872
3176	30.941	4.7471	2.8787	7544	30.941	4.7471	2.8787
3177	33.927	1.8625	2.9132	7545	33.927	1.8625	2.9132
3178	39.448	3.5754	3.2991	7546	39.448	3.5754	3.2991
3179	32.569	2.7118	3.248	7547	32.569	2.7118	3.248
3180	35.041	4.4598	2.6851	7548	35.041	4.4598	2.6851
3181	22.12	3.6164	3.1088	7549	22.12	3.6164	3.1088
3182	34.757	1.6042	2.6662	7550	34.757	1.6042	2.6662
3183	38.769	3.788	2.256	7551	38.769	3.788	2.256
3184	37.769	2.9798	2.8832	7552	37.769	2.9798	2.8832
3185	21.387	4.8268	2.859	7553	21.387	4.8268	2.859
3186	36.415	2.556	3.0967	7554	36.415	2.556	3.0967
3187	21.612	1.8881	1.8021	7555	21.612	1.8881	1.8021
3188	34.716	3.2972	3.6805	7556	34.716	3.2972	3.6805
3189	23.129	1.8625	2.8902	7557	23.129	1.8625	2.8902
3190	42.007	4.4458	2.9433	7558	42.007	4.4458	2.9433
3191	33.83	3.8179	1.8751	7559	33.83	3.8179	1.8751
3192	31.742	3.5938	3.2919	7560	31.742	3.5938	3.2919
3193	37.281	3.55	2.7517	7561	37.281	3.55	2.7517
3194	21.875	3.5518	1.6356	7562	21.875	3.5518	1.6356
3195	25.294	3.5074	3.3384	7563	25.294	3.5074	3.3384
3196	29.51	2.551	3.3236	7564	29.51	2.551	3.3236
3197	26.398	3.3559	3.2415	7565	26.398	3.3559	3.2415
3198	19.001	3.9605	2.9754	7566	19.001	3.9605	2.9754
3199	41.252	3.7252	2.0673	7567	41.252	3.7252	2.0673
3200	36.313	3.9874	3.1417	7568	36.313	3.9874	3.1417
3201	43.491	4.674	2.9982	7569	43.491	4.674	2.9982
3202	48.363	2.8995	2.7588	7570	48.363	2.8995	2.7588
3203	39.695	2.166	1.4201	7571	39.695	2.166	1.4201
3204	47.808	3.8771	3.5994	7572	47.808	3.8771	3.5994
3205	35.117	1.1797	2.8783	7573	35.117	1.1797	2.8783
3206	36.683	3.012	3.1696	7574	36.683	3.012	3.1696
3207	41.742	3.1864	2.7011	7575	41.742	3.1864	2.7011
3208	17.99	2.7317	2.9669	7576	17.99	2.7317	2.9669
3209	34.873	3.0281	2.3354	7577	34.873	3.0281	2.3354
3210	21.168	2.0726	2.5631	7578	21.168	2.0726	2.5631
3211	31.53	3.1171	2.8528	7579	31.53	3.1171	2.8528
3212	41.927	2.3313	2.4777	7580	41.927	2.3313	2.4777
3213	30.19	3.3886	1.6937	7581	30.19	3.3886	1.6937
3214	37.347	3.3305	3.0449	7582	37.347	3.3305	3.0449
3215	32.034	2.9113	1.9001	7583	32.034	2.9113	1.9001
3216	42.324	3.6769	3.4974	7584	42.324	3.6769	3.4974
3217	41.872	3.8563	2.7202	7585	41.872	3.8563	2.7202
3218	27.443	4.0568	3.101	7586	27.443	4.0568	3.101
3219	26.564	3.1744	2.4425	7587	26.564	3.1744	2.4425
3220	37.824	3.2094	2.6086	7588	37.824	3.2094	2.6086
3221	24.864	4.3924	2.8456	7589	24.864	4.3924	2.8456
3222	38.668	2.2114	1.8586	7590	38.668	2.2114	1.8586
3223	38.185	3.0401	1.8574	7591	38.185	3.0401	1.8574
3224	32.063	3.5748	1.4113	7592	32.063	3.5748	1.4113

3225	36.14	3.1011	2.4436	7593	36.14	3.1011	2.4436
3226	38.359	2.2408	2.2449	7594	38.359	2.2408	2.2449
3227	37.579	3.6791	3.2427	7595	37.579	3.6791	3.2427
3228	36.295	1.4907	2.6157	7596	36.295	1.4907	2.6157
3229	28.781	3.8465	3.0852	7597	28.781	3.8465	3.0852
3230	45.651	2.9461	1.7469	7598	45.651	2.9461	1.7469
3231	23.752	2.102	2.0659	7599	23.752	2.102	2.0659
3232	33.42	4.0913	1.3199	7600	33.42	4.0913	1.3199
3233	31.889	1.9896	2.6584	7601	31.889	1.9896	2.6584
3234	39.249	2.8601	2.3669	7602	39.249	2.8601	2.3669
3235	32.087	2.9751	3.3855	7603	32.087	2.9751	3.3855
3236	22.35	3.528	2.7931	7604	22.35	3.528	2.7931
3237	35.825	3.5298	1.9355	7605	35.825	3.5298	1.9355
3238	34.177	2.4851	2.1286	7606	34.177	2.4851	2.1286
3239	22.505	2.8366	2.5845	7607	22.505	2.8366	2.5845
3240	27.146	3.2804	3.0831	7608	27.146	3.2804	3.0831
3241	40.22	2.446	3.0325	7609	40.22	2.446	3.0325
3242	26.98	2.5429	2.0468	7610	26.98	2.5429	2.0468
3243	26.62	4.4025	3.3052	7611	26.62	4.4025	3.3052
3244	15.784	2.286	3.0611	7612	15.784	2.286	3.0611
3245	33.547	3.8052	3.0223	7613	33.547	3.8052	3.0223
3246	30.113	3.7318	2.8823	7614	30.113	3.7318	2.8823
3247	33.783	2.6622	2.7012	7615	33.783	2.6622	2.7012
3248	41.846	3.4186	1.2364	7616	41.846	3.4186	1.2364
3249	40.112	3.8864	1.8742	7617	40.112	3.8864	1.8742
3250	35.124	3.5349	3.761	7618	35.124	3.5349	3.761
3251	19.991	2.7542	3.334	7619	19.991	2.7542	3.334
3252	24.238	1.6436	3.1024	7620	24.238	1.6436	3.1024
3253	48.401	2.6889	1.3536	7621	48.401	2.6889	1.3536
3254	44.151	2.9921	3.1815	7622	44.151	2.9921	3.1815
3255	38.717	2.4866	3.4745	7623	38.717	2.4866	3.4745
3256	32.69	3.6947	2.3427	7624	32.69	3.6947	2.3427
3257	30.478	2.2778	2.9904	7625	30.478	2.2778	2.9904
3258	28.066	2.1634	1.7633	7626	28.066	2.1634	1.7633
3259	36.767	2.1431	1.2571	7627	36.767	2.1431	1.2571
3260	30.628	3.0263	3.8435	7628	30.628	3.0263	3.8435
3261	17.833	4.1631	1.8015	7629	17.833	4.1631	1.8015
3262	42.636	3.7157	4.0551	7630	42.636	3.7157	4.0551
3263	35.772	4.3418	3.4431	7631	35.772	4.3418	3.4431
3264	31.778	4.2147	2.1852	7632	31.778	4.2147	2.1852
3265	26.04	5.3799	3.6855	7633	26.04	5.3799	3.6855
3266	32.263	3.9053	1.239	7634	32.263	3.9053	1.239
3267	26.933	2.6271	4.3991	7635	26.933	2.6271	4.3991
3268	25.769	3.1295	3.6281	7636	25.769	3.1295	3.6281
3269	39.937	2.4202	2.923	7637	39.937	2.4202	2.923
3270	39.533	3.9231	2.1749	7638	39.533	3.9231	2.1749
3271	42.347	3.5716	2.6565	7639	42.347	3.5716	2.6565
3272	33.268	4.3137	2.8274	7640	33.268	4.3137	2.8274
3273	28.105	3.0575	3.0118	7641	28.105	3.0575	3.0118
3274	32.312	3.6327	2.9267	7642	32.312	3.6327	2.9267
3275	17.821	3.0481	2.102	7643	17.821	3.0481	2.102
3276	31.48	3.3548	2.9534	7644	31.48	3.3548	2.9534
3277	40.991	2.9703	2.2985	7645	40.991	2.9703	2.2985
3278	44.732	1.7996	2.6743	7646	44.732	1.7996	2.6743
3279	30.083	3.0684	3.3298	7647	30.083	3.0684	3.3298
3280	21.699	3.9713	2.7047	7648	21.699	3.9713	2.7047
3281	39.048	4.3491	2.0602	7649	39.048	4.3491	2.0602
3282	37.511	4.855	3.0392	7650	37.511	4.855	3.0392
3283	49.22	3.6521	2.1215	7651	49.22	3.6521	2.1215
3284	37.119	2.4321	3.0224	7652	37.119	2.4321	3.0224
3285	46.319	2.7649	3.8199	7653	46.319	2.7649	3.8199
3286	39.131	2.3564	2.5712	7654	39.131	2.3564	2.5712
3287	21.972	3.4918	1.9398	7655	21.972	3.4918	1.9398
3288	24.657	2.1274	3.2993	7656	24.657	2.1274	3.2993
3289	26.637	3.6915	2.8284	7657	26.637	3.6915	2.8284
3290	35.292	4.9539	1.9101	7658	35.292	4.9539	1.9101
3291	13.914	2.3218	1.445	7659	13.914	2.3218	1.445

3292	27.941	2.0295	1.9168	7660	27.941	2.0295	1.9168
3293	21.761	2.4895	2.4516	7661	21.761	2.4895	2.4516
3294	33.407	2.7676	3.1333	7662	33.407	2.7676	3.1333
3295	47.787	3.2979	2.9822	7663	47.787	3.2979	2.9822
3296	34.189	2.6465	2.5555	7664	34.189	2.6465	2.5555
3297	39.19	2.2098	3.0658	7665	39.19	2.2098	3.0658
3298	36.303	4.4064	3.1954	7666	36.303	4.4064	3.1954
3299	42.671	5.3227	3.6193	7667	42.671	5.3227	3.6193
3300	29.982	2.5576	2.117	7668	29.982	2.5576	2.117
3301	36.721	3.4539	1.8773	7669	36.721	3.4539	1.8773
3302	30.802	4.0126	2.4854	7670	30.802	4.0126	2.4854
3303	31.57	4.4571	3.2507	7671	31.57	4.4571	3.2507
3304	40.839	3.3002	2.1209	7672	40.839	3.3002	2.1209
3305	21.009	4.052	3.6455	7673	21.009	4.052	3.6455
3306	23.84	4.8531	2.3917	7674	23.84	4.8531	2.3917
3307	22.656	3.3798	2.0781	7675	22.656	3.3798	2.0781
3308	30.392	2.3632	1.6641	7676	30.392	2.3632	1.6641
3309	30.279	3.0949	2.4078	7677	30.279	3.0949	2.4078
3310	27.779	6.1087	2.7405	7678	27.779	6.1087	2.7405
3311	39.173	2.7139	1.6867	7679	39.173	2.7139	1.6867
3312	19.471	1.8193	3.9602	7680	19.471	1.8193	3.9602
3313	38.379	2.8536	2.5277	7681	38.379	2.8536	2.5277
3314	29.053	4.3238	3.0162	7682	29.053	4.3238	3.0162
3315	26.871	2.8867	2.5916	7683	26.871	2.8867	2.5916
3316	30.084	3.1622	2.2309	7684	30.084	3.1622	2.2309
3317	37.625	1.868	2.4338	7685	37.625	1.868	2.4338
3318	19.38	3.7899	2.0748	7686	19.38	3.7899	2.0748
3319	23.627	4.4583	2.6924	7687	23.627	4.4583	2.6924
3320	36.044	2.8892	2.6949	7688	36.044	2.8892	2.6949
3321	28.188	3.4582	1.8901	7689	28.188	3.4582	1.8901
3322	43.6	0.90563	2.1249	7690	43.6	0.90563	2.1249
3323	35.92	1.8814	2.1504	7691	35.92	1.8814	2.1504
3324	43.985	4.0767	2.6835	7692	43.985	4.0767	2.6835
3325	33.046	2.7115	2.7206	7693	33.046	2.7115	2.7206
3326	25.935	2.8951	2.454	7694	25.935	2.8951	2.454
3327	30.187	2.3831	2.0532	7695	30.187	2.3831	2.0532
3328	32.271	4.2716	3.4549	7696	32.271	4.2716	3.4549
3329	20.724	4.0952	3.063	7697	20.724	4.0952	3.063
3330	57.178	4.1112	2.2916	7698	57.178	4.1112	2.2916
3331	53.251	2.5276	3.1038	7699	53.251	2.5276	3.1038
3332	23.741	4.6022	1.7224	7700	23.741	4.6022	1.7224
3333	43.95	1.9716	3.7869	7701	43.95	1.9716	3.7869
3334	36.359	2.3254	2.5203	7702	36.359	2.3254	2.5203
3335	17.995	3.3386	2.8248	7703	17.995	3.3386	2.8248
3336	26.572	4.8701	2.4738	7704	26.572	4.8701	2.4738
3337	23.057	3.3955	1.7429	7705	23.057	3.3955	1.7429
3338	42.9	2.6426	3.0315	7706	42.9	2.6426	3.0315
3339	43.872	4.6439	1.9974	7707	43.872	4.6439	1.9974
3340	26.871	1.6181	2.7399	7708	26.871	1.6181	2.7399
3341	25.273	2.108	2.2282	7709	25.273	2.108	2.2282
3342	19.952	4.4013	2.7228	7710	19.952	4.4013	2.7228
3343	40.282	1.7725	2.7648	7711	40.282	1.7725	2.7648
3344	31.49	3.3431	2.2724	7712	31.49	3.3431	2.2724
3345	29.631	5.2886	4.0726	7713	29.631	5.2886	4.0726
3346	30.53	4.3019	1.0417	7714	30.53	4.3019	1.0417
3347	22.217	4.5048	2.5886	7715	22.217	4.5048	2.5886
3348	34.519	2.2941	3.7136	7716	34.519	2.2941	3.7136
3349	22.533	2.7578	3.1309	7717	22.533	2.7578	3.1309
3350	35.369	3.1711	2.3271	7718	35.369	3.1711	2.3271
3351	37.62	3.7529	4.0588	7719	37.62	3.7529	4.0588
3352	25.995	2.7282	2.3403	7720	25.995	2.7282	2.3403
3353	42.496	3.21	1.3149	7721	42.496	3.21	1.3149
3354	15.468	3.3619	3.8107	7722	15.468	3.3619	3.8107
3355	32.837	4.159	3.8095	7723	32.837	4.159	3.8095
3356	27.451	2.3627	2.2719	7724	27.451	2.3627	2.2719
3357	21.354	3.3771	3.0809	7725	21.354	3.3771	3.0809
3358	35.348	3.2724	2.6844	7726	35.348	3.2724	2.6844

3359	27.996	4.1137	1.6062	7727	27.996	4.1137	1.6062
3360	37.244	2.4419	3.2154	7728	37.244	2.4419	3.2154
3361	18.776	3.7285	3.1757	7729	18.776	3.7285	3.1757
3362	30.392	1.9563	1.6514	7730	30.392	1.9563	1.6514
3363	38.133	3.385	2.0936	7731	38.133	3.385	2.0936
3364	41.935	3.5208	3.126	7732	41.935	3.5208	3.126
3365	32.149	3.5978	2.6115	7733	32.149	3.5978	2.6115
3366	37.901	4.7167	3.3387	7734	37.901	4.7167	3.3387
3367	32.867	4.7391	2.4413	7735	32.867	4.7391	2.4413
3368	28.34	2.5586	3.2862	7736	28.34	2.5586	3.2862
3369	35.722	3.901	2.1331	7737	35.722	3.901	2.1331
3370	37.741	2.7917	1.8056	7738	37.741	2.7917	1.8056
3371	38.629	3.4927	2.4592	7739	38.629	3.4927	2.4592
3372	34.398	3.4764	4.0582	7740	34.398	3.4764	4.0582
3373	11.999	3.9612	2.4022	7741	11.999	3.9612	2.4022
3374	18.835	3.155	2.9133	7742	18.835	3.155	2.9133
3375	47.367	3.1963	3.29	7743	47.367	3.1963	3.29
3376	37.498	3.6106	1.3369	7744	37.498	3.6106	1.3369
3377	27.219	2.3073	1.8757	7745	27.219	2.3073	1.8757
3378	35.681	1.5731	2.4348	7746	35.681	1.5731	2.4348
3379	42.408	3.6636	1.876	7747	42.408	3.6636	1.876
3380	18.575	3.6759	3.5817	7748	18.575	3.6759	3.5817
3381	36.28	2.5032	2.7566	7749	36.28	2.5032	2.7566
3382	23.796	2.644	3.7604	7750	23.796	2.644	3.7604
3383	21.266	2.5632	3.0504	7751	21.266	2.5632	3.0504
3384	17.602	1.8668	2.5302	7752	17.602	1.8668	2.5302
3385	40.48	3.7107	3.5615	7753	40.48	3.7107	3.5615
3386	25.169	1.3778	3.5397	7754	25.169	1.3778	3.5397
3387	27.416	4.5327	3.1789	7755	27.416	4.5327	3.1789
3388	20.252	2.9788	1.8174	7756	20.252	2.9788	1.8174
3389	37.344	3.3659	1.987	7757	37.344	3.3659	1.987
3390	35.636	3.2442	2.8165	7758	35.636	3.2442	2.8165
3391	37.168	3.7593	2.6344	7759	37.168	3.7593	2.6344
3392	24.266	2.7395	3.2637	7760	24.266	2.7395	3.2637
3393	19.872	3.4758	2.7064	7761	19.872	3.4758	2.7064
3394	26.263	4.4116	3.7952	7762	26.263	4.4116	3.7952
3395	28.643	3.6109	3.2323	7763	28.643	3.6109	3.2323
3396	42.827	4.4523	4.3776	7764	42.827	4.4523	4.3776
3397	29.684	3.8506	2.545	7765	29.684	3.8506	2.545
3398	30.655	3.6471	2.7997	7766	30.655	3.6471	2.7997
3399	31.907	4.7953	2.7264	7767	31.907	4.7953	2.7264
3400	25.27	2.9603	1.898	7768	25.27	2.9603	1.898
3401	39.88	3.746	1.7593	7769	39.88	3.746	1.7593
3402	28.204	4.3016	3.7325	7770	28.204	4.3016	3.7325
3403	39.045	2.4423	2.7647	7771	39.045	2.4423	2.7647
3404	28.886	3.5103	3.0794	7772	28.886	3.5103	3.0794
3405	34.005	3.8857	3.1983	7773	34.005	3.8857	3.1983
3406	37.409	3.8534	1.9055	7774	37.409	3.8534	1.9055
3407	45.61	5.5416	3.4182	7775	45.61	5.5416	3.4182
3408	33.712	3.97	2.7628	7776	33.712	3.97	2.7628
3409	33.145	2.2977	3.2189	7777	33.145	2.2977	3.2189
3410	29.911	3.9952	2.0837	7778	29.911	3.9952	2.0837
3411	39.447	3.2981	3.1785	7779	39.447	3.2981	3.1785
3412	32.469	3.5346	2.6463	7780	32.469	3.5346	2.6463
3413	34.599	5.1541	2.9021	7781	34.599	5.1541	2.9021
3414	25.894	4.1605	3.1081	7782	25.894	4.1605	3.1081
3415	20.895	5.0613	2.741	7783	20.895	5.0613	2.741
3416	36.78	3.5034	3.3272	7784	36.78	3.5034	3.3272
3417	30.126	2.1133	1.914	7785	30.126	2.1133	1.914
3418	22.494	2.2721	2.1045	7786	22.494	2.2721	2.1045
3419	40.838	2.992	2.7104	7787	40.838	2.992	2.7104
3420	45.355	3.5636	2.8863	7788	45.355	3.5636	2.8863
3421	17.814	2.4496	1.8467	7789	17.814	2.4496	1.8467
3422	27.408	4.0864	2.2423	7790	27.408	4.0864	2.2423
3423	23.553	4.1743	2.2726	7791	23.553	4.1743	2.2726
3424	27.259	2.9491	2.047	7792	27.259	2.9491	2.047
3425	22.583	3.2717	1.539	7793	22.583	3.2717	1.539

3426	23.996	2.8116	2.6599	7794	23.996	2.8116	2.6599
3427	28.185	2.9381	1.5967	7795	28.185	2.9381	1.5967
3428	43.014	2.6476	2.8031	7796	43.014	2.6476	2.8031
3429	40.211	4.9477	3.4554	7797	40.211	4.9477	3.4554
3430	34.868	4.1069	2.5495	7798	34.868	4.1069	2.5495
3431	44.045	2.2941	2.7756	7799	44.045	2.2941	2.7756
3432	31.803	2.6237	2.2677	7800	31.803	2.6237	2.2677
3433	22.575	3.1849	3.318	7801	22.575	3.1849	3.318
3434	15.073	3.6025	2.8282	7802	15.073	3.6025	2.8282
3435	28.444	2.7012	2.5423	7803	28.444	2.7012	2.5423
3436	30.754	3.1362	2.3846	7804	30.754	3.1362	2.3846
3437	27.182	3.0011	3.3002	7805	27.182	3.0011	3.3002
3438	29.362	3.7259	2.9306	7806	29.362	3.7259	2.9306
3439	40.539	3.4904	3.0088	7807	40.539	3.4904	3.0088
3440	39.099	3.4607	2.9382	7808	39.099	3.4607	2.9382
3441	19.746	1.9863	1.0201	7809	19.746	1.9863	1.0201
3442	29.559	2.0232	2.7043	7810	29.559	2.0232	2.7043
3443	21.023	2.8843	1.9593	7811	21.023	2.8843	1.9593
3444	38.748	2.8317	3.6168	7812	38.748	2.8317	3.6168
3445	40.754	3.1813	2.5206	7813	40.754	3.1813	2.5206
3446	29.54	2.5656	2.8452	7814	29.54	2.5656	2.8452
3447	38.012	4.8227	1.3646	7815	38.012	4.8227	1.3646
3448	21.73	2.9149	2.1558	7816	21.73	2.9149	2.1558
3449	42.629	5.1397	2.1071	7817	42.629	5.1397	2.1071
3450	15.22	4.7404	1.9281	7818	15.22	4.7404	1.9281
3451	19.948	3.2102	3.5546	7819	19.948	3.2102	3.5546
3452	35.637	3.8471	2.8865	7820	35.637	3.8471	2.8865
3453	21.658	4.6457	1.8466	7821	21.658	4.6457	1.8466
3454	46.207	3.496	3.18	7822	46.207	3.496	3.18
3455	33.633	4.1277	2.9138	7823	33.633	4.1277	2.9138
3456	43.825	3.4617	2.3414	7824	43.825	3.4617	2.3414
3457	34.343	3.894	1.1034	7825	34.343	3.894	1.1034
3458	33.147	4.2636	3.4845	7826	33.147	4.2636	3.4845
3459	32.488	1.9497	3.9611	7827	32.488	1.9497	3.9611
3460	41.176	2.1932	1.5419	7828	41.176	2.1932	1.5419
3461	21.632	3.0801	2.8154	7829	21.632	3.0801	2.8154
3462	30.626	2.3022	3.7218	7830	30.626	2.3022	3.7218
3463	41.363	3.836	2.2384	7831	41.363	3.836	2.2384
3464	28.5	3.1017	2.9952	7832	28.5	3.1017	2.9952
3465	36.172	2.41	2.146	7833	36.172	2.41	2.146
3466	33.953	1.8333	2.9269	7834	33.953	1.8333	2.9269
3467	30.591	3.5236	3.6945	7835	30.591	3.5236	3.6945
3468	38.791	4.1823	2.7858	7836	38.791	4.1823	2.7858
3469	47.148	2.4425	2.725	7837	47.148	2.4425	2.725
3470	45.341	2.1066	2.2875	7838	45.341	2.1066	2.2875
3471	23.242	2.4203	1.5981	7839	23.242	2.4203	1.5981
3472	30.521	3.8526	1.8017	7840	30.521	3.8526	1.8017
3473	24.039	4.0488	2.3831	7841	24.039	4.0488	2.3831
3474	29.281	3.203	3.2555	7842	29.281	3.203	3.2555
3475	35.814	4.3338	2.175	7843	35.814	4.3338	2.175
3476	32.576	2.7221	3.7484	7844	32.576	2.7221	3.7484
3477	27	1.9622	1.7898	7845	27	1.9622	1.7898
3478	41.474	3.6096	1.6441	7846	41.474	3.6096	1.6441
3479	30.684	3.2895	1.9458	7847	30.684	3.2895	1.9458
3480	33.756	3.2897	2.5221	7848	33.756	3.2897	2.5221
3481	50.822	2.1954	3.951	7849	50.822	2.1954	3.951
3482	35.989	2.6252	1.6192	7850	35.989	2.6252	1.6192
3483	13.149	3.1528	2.5444	7851	13.149	3.1528	2.5444
3484	47.23	3.2106	3.5654	7852	47.23	3.2106	3.5654
3485	28.367	4.0473	2.8006	7853	28.367	4.0473	2.8006
3486	39.451	2.854	2.2401	7854	39.451	2.854	2.2401
3487	42.933	3.5987	2.4065	7855	42.933	3.5987	2.4065
3488	29.547	3.5173	1.0822	7856	29.547	3.5173	1.0822
3489	25.205	3.8462	4.4863	7857	25.205	3.8462	4.4863
3490	35.263	3.4619	3.3075	7858	35.263	3.4619	3.3075
3491	30.138	2.4419	2.0927	7859	30.138	2.4419	2.0927
3492	40.393	3.9928	2.9385	7860	40.393	3.9928	2.9385

3493	32.463	2.8293	3.2709	7861	32.463	2.8293	3.2709
3494	46.43	2.9109	1.7534	7862	46.43	2.9109	1.7534
3495	22.536	3.6494	1.7263	7863	22.536	3.6494	1.7263
3496	39.66	3.2468	3.2363	7864	39.66	3.2468	3.2363
3497	20.935	4.0947	3.5471	7865	20.935	4.0947	3.5471
3498	40.007	3.7775	2.5858	7866	40.007	3.7775	2.5858
3499	29.792	2.929	1.125	7867	29.792	2.929	1.125
3500	31.601	4.8696	2.1281	7868	31.601	4.8696	2.1281
3501	43.518	3.4218	3.5706	7869	43.518	3.4218	3.5706
3502	31.306	2.5665	2.74	7870	31.306	2.5665	2.74
3503	40.454	3.1308	3.6403	7871	40.454	3.1308	3.6403
3504	26.045	4.157	2.1423	7872	26.045	4.157	2.1423
3505	37.671	3.725	1.8347	7873	37.671	3.725	1.8347
3506	42.666	3.2784	2.4948	7874	42.666	3.2784	2.4948
3507	45.447	4.2931	3.8943	7875	45.447	4.2931	3.8943
3508	57.271	3.2777	3.769	7876	57.271	3.2777	3.769
3509	37.035	3.8238	1.8094	7877	37.035	3.8238	1.8094
3510	39.301	3.0399	2.7968	7878	39.301	3.0399	2.7968
3511	18.709	3.7041	2.9076	7879	18.709	3.7041	2.9076
3512	33.321	2.3416	2.9176	7880	33.321	2.3416	2.9176
3513	31.692	2.4433	2.0519	7881	31.692	2.4433	2.0519
3514	21.003	2.1096	2.8406	7882	21.003	2.1096	2.8406
3515	24.024	4.2724	3.5676	7883	24.024	4.2724	3.5676
3516	35.04	3.9588	2.5727	7884	35.04	3.9588	2.5727
3517	38.891	4.0341	2.3951	7885	38.891	4.0341	2.3951
3518	33.872	3.1689	2.1197	7886	33.872	3.1689	2.1197
3519	40.776	3.5209	2.846	7887	40.776	3.5209	2.846
3520	42.765	2.2125	2.0258	7888	42.765	2.2125	2.0258
3521	39.953	2.3336	4.3887	7889	39.953	2.3336	4.3887
3522	42.467	3.195	3.2484	7890	42.467	3.195	3.2484
3523	34.869	2.8684	1.995	7891	34.869	2.8684	1.995
3524	24.066	3.3495	2.9213	7892	24.066	3.3495	2.9213
3525	45.756	3.025	3.6926	7893	45.756	3.025	3.6926
3526	20.921	4.2255	3.0165	7894	20.921	4.2255	3.0165
3527	23.5	1.8741	1.4675	7895	23.5	1.8741	1.4675
3528	36.48	2.5747	2.8714	7896	36.48	2.5747	2.8714
3529	31.716	2.0329	1.8857	7897	31.716	2.0329	1.8857
3530	51.508	3.7567	1.9865	7898	51.508	3.7567	1.9865
3531	32.958	4.2928	3.0463	7899	32.958	4.2928	3.0463
3532	41.192	3.0441	2.9711	7900	41.192	3.0441	2.9711
3533	25.742	1.6767	3.0055	7901	25.742	1.6767	3.0055
3534	32.404	3.583	2.8895	7902	32.404	3.583	2.8895
3535	34.742	3.857	2.4922	7903	34.742	3.857	2.4922
3536	34.015	4.548	2.6865	7904	34.015	4.548	2.6865
3537	46.782	1.9477	2.8722	7905	46.782	1.9477	2.8722
3538	36.207	2.0477	1.9769	7906	36.207	2.0477	1.9769
3539	24.816	2.4582	3.4297	7907	24.816	2.4582	3.4297
3540	30.945	2.5902	3.6203	7908	30.945	2.5902	3.6203
3541	39.557	3.6208	2.2412	7909	39.557	3.6208	2.2412
3542	49.035	2.7208	2.7235	7910	49.035	2.7208	2.7235
3543	50.171	3.5191	2.827	7911	50.171	3.5191	2.827
3544	32.191	4.2672	1.8347	7912	32.191	4.2672	1.8347
3545	42.164	2.5297	2.1619	7913	42.164	2.5297	2.1619
3546	24.732	2.7564	3.0028	7914	24.732	2.7564	3.0028
3547	34.3	2.2138	3.1297	7915	34.3	2.2138	3.1297
3548	26.176	3.3281	2.0284	7916	26.176	3.3281	2.0284
3549	35.147	4.4851	2.7518	7917	35.147	4.4851	2.7518
3550	46.011	4.306	2.3107	7918	46.011	4.306	2.3107
3551	15.319	2.4953	2.8367	7919	15.319	2.4953	2.8367
3552	36.93	2.9166	2.5339	7920	36.93	2.9166	2.5339
3553	33.289	2.6901	2.9846	7921	33.289	2.6901	2.9846
3554	20.626	2.6794	1.7228	7922	20.626	2.6794	1.7228
3555	36.047	3.6064	2.3105	7923	36.047	3.6064	2.3105
3556	28.851	1.7867	2.0279	7924	28.851	1.7867	2.0279
3557	28.17	4.0584	2.5757	7925	28.17	4.0584	2.5757
3558	30.547	2.9825	1.5538	7926	30.547	2.9825	1.5538
3559	30.082	3.7217	2.4041	7927	30.082	3.7217	2.4041

3560	23.52	2.5328	1.8004	7928	23.52	2.5328	1.8004
3561	42.327	2.2996	1.4678	7929	42.327	2.2996	1.4678
3562	34.284	4.5388	2.0132	7930	34.284	4.5388	2.0132
3563	27.638	3.4605	2.8577	7931	27.638	3.4605	2.8577
3564	31.264	3.6554	2.3379	7932	31.264	3.6554	2.3379
3565	41.5	3.11	2.5569	7933	41.5	3.11	2.5569
3566	37.47	3.0775	2.1809	7934	37.47	3.0775	2.1809
3567	31.696	4.1881	3.7587	7935	31.696	4.1881	3.7587
3568	22.326	3.2127	1.8876	7936	22.326	3.2127	1.8876
3569	42.29	4.238	2.2255	7937	42.29	4.238	2.2255
3570	25.91	1.4542	3.2516	7938	25.91	1.4542	3.2516
3571	39.146	2.9249	3.1577	7939	39.146	2.9249	3.1577
3572	35.652	3.0289	2.4889	7940	35.652	3.0289	2.4889
3573	25.435	3.1257	2.9098	7941	25.435	3.1257	2.9098
3574	37.717	2.2399	3.3489	7942	37.717	2.2399	3.3489
3575	31.161	2.5305	1.7518	7943	31.161	2.5305	1.7518
3576	24.633	3.1641	1.5773	7944	24.633	3.1641	1.5773
3577	42.164	3.3664	2.1228	7945	42.164	3.3664	2.1228
3578	56.179	3.0863	3.147	7946	56.179	3.0863	3.147
3579	24.882	2.8927	2.9028	7947	24.882	2.8927	2.9028
3580	28.409	3.2719	2.4279	7948	28.409	3.2719	2.4279
3581	19.912	2.3611	2.7562	7949	19.912	2.3611	2.7562
3582	15.081	3.0232	2.2574	7950	15.081	3.0232	2.2574
3583	20.119	3.2443	3.1747	7951	20.119	3.2443	3.1747
3584	24.663	3.4234	1.8913	7952	24.663	3.4234	1.8913
3585	27.968	5.3228	2.8125	7953	27.968	5.3228	2.8125
3586	27.66	3.2963	2.1599	7954	27.66	3.2963	2.1599
3587	18.542	3.3276	2.229	7955	18.542	3.3276	2.229
3588	44.8	4.1702	2.4005	7956	44.8	4.1702	2.4005
3589	24.853	3.1245	1.9743	7957	24.853	3.1245	1.9743
3590	41.14	3.4367	2.2295	7958	41.14	3.4367	2.2295
3591	37.445	3.4306	2.6933	7959	37.445	3.4306	2.6933
3592	29.457	4.238	3.3999	7960	29.457	4.238	3.3999
3593	36.45	3.4412	3.4859	7961	36.45	3.4412	3.4859
3594	37.754	3.5056	2.3473	7962	37.754	3.5056	2.3473
3595	37.169	4.0844	3.0698	7963	37.169	4.0844	3.0698
3596	18.354	3.0033	1.7178	7964	18.354	3.0033	1.7178
3597	22.622	2.0827	2.817	7965	22.622	2.0827	2.817
3598	34.856	2.7142	1.949	7966	34.856	2.7142	1.949
3599	42.785	3.6576	2.6916	7967	42.785	3.6576	2.6916
3600	28.077	3.4222	2.4072	7968	28.077	3.4222	2.4072
3601	39.59	2.8484	2.0223	7969	39.59	2.8484	2.0223
3602	25.692	3.8213	3.6287	7970	25.692	3.8213	3.6287
3603	33.35	3.2285	2.5066	7971	33.35	3.2285	2.5066
3604	27.95	2.0961	3.336	7972	27.95	2.0961	3.336
3605	31.226	3.7928	2.4093	7973	31.226	3.7928	2.4093
3606	35.487	4.1876	3.5899	7974	35.487	4.1876	3.5899
3607	25.525	2.19	2.5288	7975	25.525	2.19	2.5288
3608	28.836	4.2263	3.163	7976	28.836	4.2263	3.163
3609	36.935	2.5687	2.0507	7977	36.935	2.5687	2.0507
3610	16.154	3.2244	2.914	7978	16.154	3.2244	2.914
3611	41.176	4.433	3.1298	7979	41.176	4.433	3.1298
3612	31.547	2.4507	3.7229	7980	31.547	2.4507	3.7229
3613	29.017	4.3871	2.674	7981	29.017	4.3871	2.674
3614	28.771	3.946	3.1294	7982	28.771	3.946	3.1294
3615	34.003	3.4669	2.0034	7983	34.003	3.4669	2.0034
3616	42.655	3.5516	3.115	7984	42.655	3.5516	3.115
3617	30.71	1.9039	2.5756	7985	30.71	1.9039	2.5756
3618	25.337	3.2375	2.8157	7986	25.337	3.2375	2.8157
3619	43.766	3.2882	2.3185	7987	43.766	3.2882	2.3185
3620	35.861	3.6708	2.5584	7988	35.861	3.6708	2.5584
3621	36.016	4.9965	2.4749	7989	36.016	4.9965	2.4749
3622	40.77	4.7809	3.1444	7990	40.77	4.7809	3.1444
3623	40.589	1.9875	1.4036	7991	40.589	1.9875	1.4036
3624	47.838	4.1162	1.8506	7992	47.838	4.1162	1.8506
3625	30.034	3.3869	2.0855	7993	30.034	3.3869	2.0855
3626	38.083	3.5793	2.6605	7994	38.083	3.5793	2.6605

3627	28.223	4.5002	2.9046	7995	28.223	4.5002	2.9046
3628	26.803	3.0153	3.4058	7996	26.803	3.0153	3.4058
3629	35.361	2.8746	3.3921	7997	35.361	2.8746	3.3921
3630	34.223	3.5407	1.3106	7998	34.223	3.5407	1.3106
3631	44.892	3.0373	1.8962	7999	44.892	3.0373	1.8962
3632	44.071	3.9556	1.5672	8000	44.071	3.9556	1.5672
3633	20.614	3.7274	4.0145	8001	20.614	3.7274	4.0145
3634	31.597	3.5108	2.6079	8002	31.597	3.5108	2.6079
3635	27.537	4.0484	2.0191	8003	27.537	4.0484	2.0191
3636	29.8	2.9794	2.9952	8004	29.8	2.9794	2.9952
3637	37.398	4.6556	2.3922	8005	37.398	4.6556	2.3922
3638	29.168	3.303	2.5694	8006	29.168	3.303	2.5694
3639	14	4.635	3.333	8007	14	4.635	3.333
3640	36.332	2.9456	1.3845	8008	36.332	2.9456	1.3845
3641	51.067	3.0041	3.2518	8009	51.067	3.0041	3.2518
3642	19.565	3.0335	1.7511	8010	19.565	3.0335	1.7511
3643	28.622	2.7337	1.9705	8011	28.622	2.7337	1.9705
3644	35.649	2.2857	3.3274	8012	35.649	2.2857	3.3274
3645	29.93	0.61208	1.5948	8013	29.93	0.61208	1.5948
3646	25.882	2.3308	3.1957	8014	25.882	2.3308	3.1957
3647	39.709	4.1538	0.5377	8015	39.709	4.1538	0.5377
3648	44.202	3.959	2.1744	8016	44.202	3.959	2.1744
3649	21.116	3.858	3.0899	8017	21.116	3.858	3.0899
3650	28.963	3.1106	3.3677	8018	28.963	3.1106	3.3677
3651	29.745	2.7624	2.8029	8019	29.745	2.7624	2.8029
3652	28.644	1.9854	2.2496	8020	28.644	1.9854	2.2496
3653	37.606	2.5294	2.431	8021	37.606	2.5294	2.431
3654	34.034	3.5065	1.912	8022	34.034	3.5065	1.912
3655	45.269	3.1801	3.2012	8023	45.269	3.1801	3.2012
3656	38.225	2.4908	2.5367	8024	38.225	2.4908	2.5367
3657	25.334	3.3627	2.5931	8025	25.334	3.3627	2.5931
3658	20.71	4.3046	2.2701	8026	20.71	4.3046	2.2701
3659	30.704	2.8454	2.0186	8027	30.704	2.8454	2.0186
3660	32.38	1.4913	2.3761	8028	32.38	1.4913	2.3761
3661	25.581	1.8003	3.5716	8029	25.581	1.8003	3.5716
3662	29.395	1.1424	2.4017	8030	29.395	1.1424	2.4017
3663	22.978	2.8658	3.2919	8031	22.978	2.8658	3.2919
3664	27.882	3.9584	2.5239	8032	27.882	3.9584	2.5239
3665	22.269	3.1635	1.8703	8033	22.269	3.1635	1.8703
3666	23.43	4.0435	2.2567	8034	23.43	4.0435	2.2567
3667	36.811	3.3963	3.0083	8035	36.811	3.3963	3.0083
3668	37.555	4.1685	1.986	8036	37.555	4.1685	1.986
3669	41.807	2.5891	2.261	8037	41.807	2.5891	2.261
3670	39.28	1.4632	3.0121	8038	39.28	1.4632	3.0121
3671	55.425	4.6172	3.4196	8039	55.425	4.6172	3.4196
3672	46.381	5.1077	2.6674	8040	46.381	5.1077	2.6674
3673	37.455	3.425	2.9214	8041	37.455	3.425	2.9214
3674	31.553	2.963	1.5801	8042	31.553	2.963	1.5801
3675	20.15	3.5248	2.0512	8043	20.15	3.5248	2.0512
3676	28.816	4.4652	3.1384	8044	28.816	4.4652	3.1384
3677	35.739	3.5537	2.4485	8045	35.739	3.5537	2.4485
3678	23.398	2.2794	2.2274	8046	23.398	2.2794	2.2274
3679	28.781	1.7132	1.6326	8047	28.781	1.7132	1.6326
3680	35.431	2.8154	2.9444	8048	35.431	2.8154	2.9444
3681	23.467	2.8566	2.8503	8049	23.467	2.8566	2.8503
3682	35.59	2.1058	2.9759	8050	35.59	2.1058	2.9759
3683	34.052	2.7414	2.4201	8051	34.052	2.7414	2.4201
3684	23.463	3.5362	3.4703	8052	23.463	3.5362	3.4703
3685	47.453	2.7951	2.1106	8053	47.453	2.7951	2.1106
3686	36.478	2.0132	2.7883	8054	36.478	2.0132	2.7883
3687	36.808	2.9142	2.8397	8055	36.808	2.9142	2.8397
3688	27.221	3.8546	2.8913	8056	27.221	3.8546	2.8913
3689	39.583	3.9601	2.2855	8057	39.583	3.9601	2.2855
3690	36.946	1.4827	2.6124	8058	36.946	1.4827	2.6124
3691	32.1	3.7872	3.761	8059	32.1	3.7872	3.761
3692	42.891	4.6035	1.5658	8060	42.891	4.6035	1.5658
3693	25.296	3.9123	3.067	8061	25.296	3.9123	3.067

3694	31.017	2.323	2.2876	8062	31.017	2.323	2.2876
3695	28.386	3.7032	2.8071	8063	28.386	3.7032	2.8071
3696	37.988	2.8317	3.0207	8064	37.988	2.8317	3.0207
3697	23.421	4.8377	2.9618	8065	23.421	4.8377	2.9618
3698	50.724	2.7777	3.5134	8066	50.724	2.7777	3.5134
3699	42.643	2.476	2.969	8067	42.643	2.476	2.969
3700	30.779	2.8231	2.8419	8068	30.779	2.8231	2.8419
3701	31.508	2.035	3.1393	8069	31.508	2.035	3.1393
3702	25.372	4.7639	2.7039	8070	25.372	4.7639	2.7039
3703	31.187	4.7505	3.1619	8071	31.187	4.7505	3.1619
3704	34.938	2.9739	2.1731	8072	34.938	2.9739	2.1731
3705	40.413	4.4013	2.1367	8073	40.413	4.4013	2.1367
3706	41.02	3.9429	2.4951	8074	41.02	3.9429	2.4951
3707	30.787	4.185	3.1906	8075	30.787	4.185	3.1906
3708	33.17	2.2692	1.854	8076	33.17	2.2692	1.854
3709	37.685	2.0656	1.789	8077	37.685	2.0656	1.789
3710	16.481	2.7235	3.1401	8078	16.481	2.7235	3.1401
3711	21.463	3.6736	2.1648	8079	21.463	3.6736	2.1648
3712	45.121	2.2472	4.0455	8080	45.121	2.2472	4.0455
3713	22.131	3.8886	1.8721	8081	22.131	3.8886	1.8721
3714	25.739	4.5627	2.9074	8082	25.739	4.5627	2.9074
3715	45.177	2.102	2.2827	8083	45.177	2.102	2.2827
3716	38.438	1.3067	2.4113	8084	38.438	1.3067	2.4113
3717	38.527	3.7716	3.572	8085	38.527	3.7716	3.572
3718	26.39	3.6115	2.5265	8086	26.39	3.6115	2.5265
3719	20.625	2.1646	3.5309	8087	20.625	2.1646	3.5309
3720	43.306	4.4784	2.4252	8088	43.306	4.4784	2.4252
3721	47.116	4.4976	2.8197	8089	47.116	4.4976	2.8197
3722	42.165	1.7506	2.8003	8090	42.165	1.7506	2.8003
3723	22.667	4.1524	2.1025	8091	22.667	4.1524	2.1025
3724	33.849	3.5947	2.8391	8092	33.849	3.5947	2.8391
3725	34.658	2.5185	1.5718	8093	34.658	2.5185	1.5718
3726	34.167	2.7223	4.4726	8094	34.167	2.7223	4.4726
3727	38.02	2.5013	2.813	8095	38.02	2.5013	2.813
3728	27.044	4.2176	2.13	8096	27.044	4.2176	2.13
3729	40.949	3.6185	1.8687	8097	40.949	3.6185	1.8687
3730	34.994	2.7067	1.8968	8098	34.994	2.7067	1.8968
3731	27.373	3.1567	1.745	8099	27.373	3.1567	1.745
3732	42.473	4.0391	2.9133	8100	42.473	4.0391	2.9133
3733	21.146	3.7567	3.9919	8101	21.146	3.7567	3.9919
3734	45.89	3.7605	1.4562	8102	45.89	3.7605	1.4562
3735	28.942	2.7627	1.9497	8103	28.942	2.7627	1.9497
3736	27.939	3.637	2.7144	8104	27.939	3.637	2.7144
3737	34.913	2.9978	1.5303	8105	34.913	2.9978	1.5303
3738	31.519	3.9577	2.4105	8106	31.519	3.9577	2.4105
3739	37.698	3.0084	3.2262	8107	37.698	3.0084	3.2262
3740	24.143	3.689	1.9165	8108	24.143	3.689	1.9165
3741	40.667	2.017	1.9735	8109	40.667	2.017	1.9735
3742	33.436	4.7391	3.0465	8110	33.436	4.7391	3.0465
3743	20.153	2.6539	3.1114	8111	20.153	2.6539	3.1114
3744	19.621	3.3378	1.4058	8112	19.621	3.3378	1.4058
3745	37.267	3.1923	2.3331	8113	37.267	3.1923	2.3331
3746	29.333	2.1161	1.8736	8114	29.333	2.1161	1.8736
3747	40.169	2.4377	2.5783	8115	40.169	2.4377	2.5783
3748	39.454	3.6317	2.2435	8116	39.454	3.6317	2.2435
3749	32.8	2.5133	3.5091	8117	32.8	2.5133	3.5091
3750	25.76	3.463	3.0923	8118	25.76	3.463	3.0923
3751	18.627	2.4493	1.9001	8119	18.627	2.4493	1.9001
3752	27.665	2.2684	1.0002	8120	27.665	2.2684	1.0002
3753	53.272	2.7301	2.5424	8121	53.272	2.7301	2.5424
3754	44.885	3.6178	2.251	8122	44.885	3.6178	2.251
3755	10.575	3.7421	1.7342	8123	10.575	3.7421	1.7342
3756	31.543	3.0817	4.0485	8124	31.543	3.0817	4.0485
3757	32.681	3.6904	3.2035	8125	32.681	3.6904	3.2035
3758	21.969	4.5035	2.6078	8126	21.969	4.5035	2.6078
3759	28.72	2.9101	2.8405	8127	28.72	2.9101	2.8405
3760	48.621	3.527	2.1333	8128	48.621	3.527	2.1333

3761	32.32	3.9681	2.8986	8129	32.32	3.9681	2.8986
3762	45.465	4.1924	1.5594	8130	45.465	4.1924	1.5594
3763	46.551	4.2783	2.5197	8131	46.551	4.2783	2.5197
3764	46.82	4.6926	2.5772	8132	46.82	4.6926	2.5772
3765	23.126	2.3879	1.509	8133	23.126	2.3879	1.509
3766	39.664	4.8314	1.6873	8134	39.664	4.8314	1.6873
3767	46.191	2.8832	1.6252	8135	46.191	2.8832	1.6252
3768	43.203	3.6827	3.1677	8136	43.203	3.6827	3.1677
3769	33.534	3.1887	3.1808	8137	33.534	3.1887	3.1808
3770	31.685	3.5111	2.4476	8138	31.685	3.5111	2.4476
3771	26.613	2.8049	2.4423	8139	26.613	2.8049	2.4423
3772	40.625	3.0125	1.8517	8140	40.625	3.0125	1.8517
3773	45.6	3.0205	2.1643	8141	45.6	3.0205	2.1643
3774	43.192	2.8142	1.3189	8142	43.192	2.8142	1.3189
3775	27.9	2.9696	2.0946	8143	27.9	2.9696	2.0946
3776	33.293	2.3321	0.713	8144	33.293	2.3321	0.713
3777	39.114	2.0362	2.8727	8145	39.114	2.0362	2.8727
3778	35.34	2.3198	2.45	8146	35.34	2.3198	2.45
3779	22.41	1.0604	1.5118	8147	22.41	1.0604	1.5118
3780	31.736	3.0728	2.8756	8148	31.736	3.0728	2.8756
3781	36.325	2.5895	3.2508	8149	36.325	2.5895	3.2508
3782	34.348	2.9334	1.9262	8150	34.348	2.9334	1.9262
3783	28.958	4.0147	2.7061	8151	28.958	4.0147	2.7061
3784	42.423	3.5867	2.1593	8152	42.423	3.5867	2.1593
3785	20.01	2.1082	1.6975	8153	20.01	2.1082	1.6975
3786	25.813	1.9546	3.0616	8154	25.813	1.9546	3.0616
3787	22.952	1.7322	2.3758	8155	22.952	1.7322	2.3758
3788	24.132	3.0403	2.4649	8156	24.132	3.0403	2.4649
3789	38.6	4.493	2.3528	8157	38.6	4.493	2.3528
3790	38.339	3.0713	2.8679	8158	38.339	3.0713	2.8679
3791	28.825	3.7408	1.8002	8159	28.825	3.7408	1.8002
3792	30.155	3.3812	1.9199	8160	30.155	3.3812	1.9199
3793	22.199	1.84	1.6455	8161	22.199	1.84	1.6455
3794	42.741	2.4683	2.532	8162	42.741	2.4683	2.532
3795	40.717	2.2205	2.6445	8163	40.717	2.2205	2.6445
3796	19.67	3.1422	2.0861	8164	19.67	3.1422	2.0861
3797	37.78	4.1905	3.669	8165	37.78	4.1905	3.669
3798	42.814	4.042	3.0863	8166	42.814	4.042	3.0863
3799	24.952	3.5024	2.0465	8167	24.952	3.5024	2.0465
3800	23.013	2.8378	2.3236	8168	23.013	2.8378	2.3236
3801	43.404	3.9478	3.7148	8169	43.404	3.9478	3.7148
3802	38.415	2.0844	2.5409	8170	38.415	2.0844	2.5409
3803	47.445	1.9499	2.7467	8171	47.445	1.9499	2.7467
3804	30.99	3.9099	3.2033	8172	30.99	3.9099	3.2033
3805	42.004	3.5602	3.632	8173	42.004	3.5602	3.632
3806	37.904	3.872	2.3323	8174	37.904	3.872	2.3323
3807	33.091	3.0598	3.1475	8175	33.091	3.0598	3.1475
3808	29.108	3.6175	1.9659	8176	29.108	3.6175	1.9659
3809	19.248	0.76736	1.497	8177	19.248	0.76736	1.497
3810	34.08	3.0001	2.416	8178	34.08	3.0001	2.416
3811	27.761	4.365	2.9183	8179	27.761	4.365	2.9183
3812	35.182	4.385	3.0515	8180	35.182	4.385	3.0515
3813	39.697	3.7339	2.5787	8181	39.697	3.7339	2.5787
3814	47.265	3.7171	2.2473	8182	47.265	3.7171	2.2473
3815	28.31	4.0255	2.675	8183	28.31	4.0255	2.675
3816	22.963	2.9275	2.5435	8184	22.963	2.9275	2.5435
3817	33.644	3.5703	2.1026	8185	33.644	3.5703	2.1026
3818	43.71	3.0718	2.0745	8186	43.71	3.0718	2.0745
3819	26.569	2.8652	2.6948	8187	26.569	2.8652	2.6948
3820	24.051	3.1467	2.1427	8188	24.051	3.1467	2.1427
3821	40.483	4.0207	4.2085	8189	40.483	4.0207	4.2085
3822	30.067	4.2551	1.9895	8190	30.067	4.2551	1.9895
3823	40.847	3.2993	3.2119	8191	40.847	3.2993	3.2119
3824	33.017	3.7459	1.9641	8192	33.017	3.7459	1.9641
3825	30.529	3.5979	2.5304	8193	30.529	3.5979	2.5304
3826	28.436	3.5362	2.8574	8194	28.436	3.5362	2.8574
3827	32.016	2.4164	3.6984	8195	32.016	2.4164	3.6984

3828	49.79	2.8423	3.4814	8196	49.79	2.8423	3.4814
3829	14.376	1.3732	2.3493	8197	14.376	1.3732	2.3493
3830	44.582	1.4711	3.0504	8198	44.582	1.4711	3.0504
3831	48.309	4.1684	1.3534	8199	48.309	4.1684	1.3534
3832	30.333	2.8951	2.3908	8200	30.333	2.8951	2.3908
3833	41.917	2.539	3.9565	8201	41.917	2.539	3.9565
3834	20.277	3.3809	2.2328	8202	20.277	3.3809	2.2328
3835	33.908	3.152	2.5194	8203	33.908	3.152	2.5194
3836	16.606	2.8266	2.8608	8204	16.606	2.8266	2.8608
3837	33.862	2.9432	3.7904	8205	33.862	2.9432	3.7904
3838	24.793	2.8888	1.5349	8206	24.793	2.8888	1.5349
3839	31.254	3.9495	1.772	8207	31.254	3.9495	1.772
3840	23.087	4.5326	4.112	8208	23.087	4.5326	4.112
3841	46.874	3.4963	2.2547	8209	46.874	3.4963	2.2547
3842	37.785	3.9002	1.6752	8210	37.785	3.9002	1.6752
3843	23.226	2.7904	2.7215	8211	23.226	2.7904	2.7215
3844	23.229	3.2179	1.7934	8212	23.229	3.2179	1.7934
3845	30.271	3.8415	3.5806	8213	30.271	3.8415	3.5806
3846	31.956	4.8207	2.0918	8214	31.956	4.8207	2.0918
3847	31.81	3.3779	1.6207	8215	31.81	3.3779	1.6207
3848	20.783	2.6262	2.8242	8216	20.783	2.6262	2.8242
3849	17.818	4.0514	2.5642	8217	17.818	4.0514	2.5642
3850	19.519	4.2666	2.3724	8218	19.519	4.2666	2.3724
3851	31.094	3.4021	2.9706	8219	31.094	3.4021	2.9706
3852	34.648	2.6255	3.3877	8220	34.648	2.6255	3.3877
3853	37.527	2.7364	2.7835	8221	37.527	2.7364	2.7835
3854	29.209	3.7716	1.8601	8222	29.209	3.7716	1.8601
3855	30.631	3.1017	3.1917	8223	30.631	3.1017	3.1917
3856	31.551	4.2593	1.8969	8224	31.551	4.2593	1.8969
3857	38.699	4.409	3.29	8225	38.699	4.409	3.29
3858	17.961	2.5844	3.4548	8226	17.961	2.5844	3.4548
3859	35.062	3.1411	3.792	8227	35.062	3.1411	3.792
3860	28.926	3.2114	2.8338	8228	28.926	3.2114	2.8338
3861	18.102	4.6601	1.5071	8229	18.102	4.6601	1.5071
3862	28.827	4.2579	3.6939	8230	28.827	4.2579	3.6939
3863	47.059	3.6203	3.5346	8231	47.059	3.6203	3.5346
3864	19.84	3.3429	1.8401	8232	19.84	3.3429	1.8401
3865	27.77	1.7651	2.4495	8233	27.77	1.7651	2.4495
3866	24.039	4.1838	2.8247	8234	24.039	4.1838	2.8247
3867	21.022	3.0993	2.8707	8235	21.022	3.0993	2.8707
3868	35.525	2.6907	4.4156	8236	35.525	2.6907	4.4156
3869	42.164	2.5034	1.1044	8237	42.164	2.5034	1.1044
3870	27.73	3.2232	2.0777	8238	27.73	3.2232	2.0777
3871	40.443	4.4413	2.1434	8239	40.443	4.4413	2.1434
3872	25.974	2.5632	2.2346	8240	25.974	2.5632	2.2346
3873	27.504	3.9932	1.4607	8241	27.504	3.9932	1.4607
3874	20.219	3.6827	3.4457	8242	20.219	3.6827	3.4457
3875	42.418	2.9429	3.5221	8243	42.418	2.9429	3.5221
3876	30.22	3.1353	2.0375	8244	30.22	3.1353	2.0375
3877	47.745	2.7714	2.4558	8245	47.745	2.7714	2.4558
3878	25.433	2.7206	2.954	8246	25.433	2.7206	2.954
3879	27.937	3.6471	3.8326	8247	27.937	3.6471	3.8326
3880	30.267	2.7351	2.7903	8248	30.267	2.7351	2.7903
3881	18.188	2.9282	2.0613	8249	18.188	2.9282	2.0613
3882	32.53	4.3388	2.5212	8250	32.53	4.3388	2.5212
3883	29.642	2.6976	1.6126	8251	29.642	2.6976	1.6126
3884	38.348	2.277	2.46	8252	38.348	2.277	2.46
3885	22.413	2.1247	3.3043	8253	22.413	2.1247	3.3043
3886	16.124	2.5023	2.7903	8254	16.124	2.5023	2.7903
3887	22.042	2.7692	1.9297	8255	22.042	2.7692	1.9297
3888	9.9668	2.9898	1.9081	8256	9.9668	2.9898	1.9081
3889	31.313	1.9138	3.0768	8257	31.313	1.9138	3.0768
3890	25.948	3.7825	2.5867	8258	25.948	3.7825	2.5867
3891	47.309	2.7637	2.3654	8259	47.309	2.7637	2.3654
3892	32.567	3.5953	1.7292	8260	32.567	3.5953	1.7292
3893	24.746	3.6102	2.6291	8261	24.746	3.6102	2.6291
3894	44.151	4.7595	2.5805	8262	44.151	4.7595	2.5805

3895	42.474	3.3741	2.1824	8263	42.474	3.3741	2.1824
3896	26.625	2.2503	2.4323	8264	26.625	2.2503	2.4323
3897	25.658	3.8446	2.7177	8265	25.658	3.8446	2.7177
3898	32.518	3.6375	3.1677	8266	32.518	3.6375	3.1677
3899	19.936	3.3439	1.7869	8267	19.936	3.3439	1.7869
3900	21.546	3.6743	2.4081	8268	21.546	3.6743	2.4081
3901	24.709	4.6582	1.212	8269	24.709	4.6582	1.212
3902	18.125	3.4083	2.7726	8270	18.125	3.4083	2.7726
3903	26.09	3.7125	3.217	8271	26.09	3.7125	3.217
3904	45.539	3.1115	2.5854	8272	45.539	3.1115	2.5854
3905	15.907	3.9151	1.5874	8273	15.907	3.9151	1.5874
3906	44.525	2.1066	1.5441	8274	44.525	2.1066	1.5441
3907	37.081	2.7996	3.032	8275	37.081	2.7996	3.032
3908	34.497	3.8337	2.635	8276	34.497	3.8337	2.635
3909	30.672	4.4102	3.4283	8277	30.672	4.4102	3.4283
3910	23.139	2.652	3.5918	8278	23.139	2.652	3.5918
3911	34.34	1.9386	2.597	8279	34.34	1.9386	2.597
3912	24.977	4.3098	2.9832	8280	24.977	4.3098	2.9832
3913	36.226	4.5411	2.0577	8281	36.226	4.5411	2.0577
3914	23.069	3.0374	1.6479	8282	23.069	3.0374	1.6479
3915	32.16	2.3392	3.0144	8283	32.16	2.3392	3.0144
3916	36.194	1.6821	2.7817	8284	36.194	1.6821	2.7817
3917	15.436	3.6507	2.5939	8285	15.436	3.6507	2.5939
3918	29.015	5.2061	3.8628	8286	29.015	5.2061	3.8628
3919	43.636	4.6335	1.9163	8287	43.636	4.6335	1.9163
3920	29.399	3.4761	1.8303	8288	29.399	3.4761	1.8303
3921	25.156	3.1204	2.4148	8289	25.156	3.1204	2.4148
3922	13.016	3.7446	2.7187	8290	13.016	3.7446	2.7187
3923	20.369	2.9057	2.5773	8291	20.369	2.9057	2.5773
3924	29.911	2.5192	3.3471	8292	29.911	2.5192	3.3471
3925	25.712	3.9889	3.2888	8293	25.712	3.9889	3.2888
3926	37.977	3.5964	2.1699	8294	37.977	3.5964	2.1699
3927	19.924	3.744	2.0849	8295	19.924	3.744	2.0849
3928	36.725	2.6914	2.8321	8296	36.725	2.6914	2.8321
3929	37.792	2.1968	1.9615	8297	37.792	2.1968	1.9615
3930	19.295	2.6784	3.0473	8298	19.295	2.6784	3.0473
3931	43.225	4.1851	2.5328	8299	43.225	4.1851	2.5328
3932	30.489	3.4962	2.7814	8300	30.489	3.4962	2.7814
3933	39.749	3.4599	2.3919	8301	39.749	3.4599	2.3919
3934	36.663	3.0761	2.6555	8302	36.663	3.0761	2.6555
3935	25.701	2.9334	2.1817	8303	25.701	2.9334	2.1817
3936	39.07	4.9237	3.0272	8304	39.07	4.9237	3.0272
3937	40.371	2.9422	2.5525	8305	40.371	2.9422	2.5525
3938	33.213	3.7271	3.704	8306	33.213	3.7271	3.704
3939	29.164	2.7825	2.5693	8307	29.164	2.7825	2.5693
3940	40.39	3.5661	2.7742	8308	40.39	3.5661	2.7742
3941	23.534	3.9118	3.4204	8309	23.534	3.9118	3.4204
3942	20.664	1.7246	2.8791	8310	20.664	1.7246	2.8791
3943	44.186	2.5205	2.0067	8311	44.186	2.5205	2.0067
3944	29.824	3.2096	3.4513	8312	29.824	3.2096	3.4513
3945	27.035	3.8876	2.7105	8313	27.035	3.8876	2.7105
3946	25.313	3.5947	3.1996	8314	25.313	3.5947	3.1996
3947	37.875	2.0556	1.7295	8315	37.875	2.0556	1.7295
3948	38.157	3.1295	2.7159	8316	38.157	3.1295	2.7159
3949	21.709	2.4968	2.2259	8317	21.709	2.4968	2.2259
3950	47.043	4.5275	2.1687	8318	47.043	4.5275	2.1687
3951	37.069	4.4083	2.3445	8319	37.069	4.4083	2.3445
3952	31.666	3.5378	3.5133	8320	31.666	3.5378	3.5133
3953	38.896	4.1418	2.23	8321	38.896	4.1418	2.23
3954	31.483	4.4545	2.6353	8322	31.483	4.4545	2.6353
3955	25.166	3.4467	3.3607	8323	25.166	3.4467	3.3607
3956	31.639	2.6086	3.0056	8324	31.639	2.6086	3.0056
3957	23.109	2.8245	2.9974	8325	23.109	2.8245	2.9974
3958	19.698	3.8484	1.7167	8326	19.698	3.8484	1.7167
3959	41.959	3.4899	2.3019	8327	41.959	3.4899	2.3019
3960	38.536	3.9255	2.5072	8328	38.536	3.9255	2.5072
3961	50.418	4.1492	2.2812	8329	50.418	4.1492	2.2812

3962	45.388	3.5075	2.2326	8330	45.388	3.5075	2.2326
3963	31.922	3.0063	1.4943	8331	31.922	3.0063	1.4943
3964	41.358	2.7465	2.967	8332	41.358	2.7465	2.967
3965	42.184	2.2996	2.6393	8333	42.184	2.2996	2.6393
3966	36.91	3.2436	2.8315	8334	36.91	3.2436	2.8315
3967	42.736	3.162	3.289	8335	42.736	3.162	3.289
3968	17.978	2.2662	3.1117	8336	17.978	2.2662	3.1117
3969	36.004	3.1483	2.7051	8337	36.004	3.1483	2.7051
3970	15.445	2.93	2.5965	8338	15.445	2.93	2.5965
3971	26.899	2.7818	1.8861	8339	26.899	2.7818	1.8861
3972	39.106	2.6655	2.3829	8340	39.106	2.6655	2.3829
3973	31.24	2.7238	2.4363	8341	31.24	2.7238	2.4363
3974	34.715	4.0629	2.8486	8342	34.715	4.0629	2.8486
3975	33.493	3.0348	1.7767	8343	33.493	3.0348	1.7767
3976	40.46	3.7858	3.0094	8344	40.46	3.7858	3.0094
3977	42.642	4.227	2.3709	8345	42.642	4.227	2.3709
3978	33.653	3.2801	2.9801	8346	33.653	3.2801	2.9801
3979	20.395	2.7613	2.5563	8347	20.395	2.7613	2.5563
3980	39.561	3.1552	3.2668	8348	39.561	3.1552	3.2668
3981	25.449	3.5781	3.8414	8349	25.449	3.5781	3.8414
3982	38.168	3.1379	1.9369	8350	38.168	3.1379	1.9369
3983	34.426	2.1794	2.3322	8351	34.426	2.1794	2.3322
3984	37.983	3.724	1.9108	8352	37.983	3.724	1.9108
3985	34.973	3.1769	3.0102	8353	34.973	3.1769	3.0102
3986	30.391	3.1208	2.2932	8354	30.391	3.1208	2.2932
3987	36.749	4.4808	2.8988	8355	36.749	4.4808	2.8988
3988	29.359	3.1759	1.7922	8356	29.359	3.1759	1.7922
3989	35.813	3.8983	2.8547	8357	35.813	3.8983	2.8547
3990	40.52	2.63	2.4669	8358	40.52	2.63	2.4669
3991	14.644	1.6054	1.093	8359	14.644	1.6054	1.093
3992	32.438	4.3642	2.0893	8360	32.438	4.3642	2.0893
3993	35.08	2.9129	2.5559	8361	35.08	2.9129	2.5559
3994	31.716	3.4593	2.289	8362	31.716	3.4593	2.289
3995	36.027	3.2933	2.9024	8363	36.027	3.2933	2.9024
3996	24.125	3.4379	1.7192	8364	24.125	3.4379	1.7192
3997	35.587	4.511	2.5096	8365	35.587	4.511	2.5096
3998	40.003	2.7617	1.8858	8366	40.003	2.7617	1.8858
3999	24.029	3.0344	3.5024	8367	24.029	3.0344	3.5024
4000	36.338	2.8657	2.2275	8368	36.338	2.8657	2.2275
4001	34.966	2.2454	2.9848	8369	34.966	2.2454	2.9848
4002	18.671	2.2522	2.5109	8370	18.671	2.2522	2.5109
4003	29.76	4.1501	4.1807	8371	29.76	4.1501	4.1807
4004	23.062	1.6174	2.7481	8372	23.062	1.6174	2.7481
4005	28.822	3.3841	2.6793	8373	28.822	3.3841	2.6793
4006	28.176	2.979	2.7704	8374	28.176	2.979	2.7704
4007	36.995	2.2399	1.7276	8375	36.995	2.2399	1.7276
4008	42.386	3.3024	1.9929	8376	42.386	3.3024	1.9929
4009	33.254	3.3527	2.6733	8377	33.254	3.3527	2.6733
4010	35.258	2.7434	3.6745	8378	35.258	2.7434	3.6745
4011	27.598	3.2663	3.121	8379	27.598	3.2663	3.121
4012	17.017	2.796	3.1478	8380	17.017	2.796	3.1478
4013	43.531	3.347	1.5463	8381	43.531	3.347	1.5463
4014	34.57	3.5908	2.7647	8382	34.57	3.5908	2.7647
4015	32.641	2.7801	3.2302	8383	32.641	2.7801	3.2302
4016	30.939	3.2057	2.2963	8384	30.939	3.2057	2.2963
4017	24.527	2.7871	2.7103	8385	24.527	2.7871	2.7103
4018	23.479	2.5352	2.289	8386	23.479	2.5352	2.289
4019	41.956	1.7592	1.7488	8387	41.956	1.7592	1.7488
4020	32.7	3.5044	2.8493	8388	32.7	3.5044	2.8493
4021	20.643	3.3113	1.727	8389	20.643	3.3113	1.727
4022	44.206	4.3873	3.9085	8390	44.206	4.3873	3.9085
4023	35.219	4.4347	2.992	8391	35.219	4.4347	2.992
4024	42.763	4.6014	2.3971	8392	42.763	4.6014	2.3971
4025	30.395	4.6424	3.1788	8393	30.395	4.6424	3.1788
4026	36.025	3.9131	1.3163	8394	36.025	3.9131	1.3163
4027	24.77	1.9353	3.9897	8395	24.77	1.9353	3.9897
4028	26.123	2.5032	2.854	8396	26.123	2.5032	2.854

4029	44.017	3.1888	2.2457	8397	44.017	3.1888	2.2457
4030	33.844	2.8487	2.3966	8398	33.844	2.8487	2.3966
4031	30.862	3.3486	2.0568	8399	30.862	3.3486	2.0568
4032	34.022	3.8524	2.5121	8400	34.022	3.8524	2.5121
4033	28.222	3.4616	2.6006	8401	28.222	3.4616	2.6006
4034	38.188	3.2302	3.2196	8402	38.188	3.2302	3.2196
4035	18.876	3.5469	1.7635	8403	18.876	3.5469	1.7635
4036	30.208	4.1124	3.1611	8404	30.208	4.1124	3.1611
4037	35.285	3.2348	3.372	8405	35.285	3.2348	3.372
4038	42.881	2.1936	3.7771	8406	42.881	2.1936	3.7771
4039	25.836	3.4934	2.1293	8407	25.836	3.4934	2.1293
4040	26.894	5.0941	2.0105	8408	26.894	5.0941	2.0105
4041	43.773	5.2226	1.5928	8409	43.773	5.2226	1.5928
4042	33.731	5.1462	2.2436	8410	33.731	5.1462	2.2436
4043	43.413	3.7531	2.2013	8411	43.413	3.7531	2.2013
4044	38.45	2.9846	2.5007	8412	38.45	2.9846	2.5007
4045	44.625	4.0193	3.0477	8413	44.625	4.0193	3.0477
4046	41.721	2.0043	2.4213	8414	41.721	2.0043	2.4213
4047	17.743	2.627	1.943	8415	17.743	2.627	1.943
4048	37.041	2.9743	2.9947	8416	37.041	2.9743	2.9947
4049	26.667	4.3315	3.1106	8417	26.667	4.3315	3.1106
4050	30.048	4.8517	2.5652	8418	30.048	4.8517	2.5652
4051	12.12	2.0569	2.2722	8419	12.12	2.0569	2.2722
4052	9.4437	2.0898	2.0932	8420	9.4437	2.0898	2.0932
4053	21.292	3.5202	2.0546	8421	21.292	3.5202	2.0546
4054	32.293	3.4651	2.8175	8422	32.293	3.4651	2.8175
4055	44.63	2.8268	3.0139	8423	44.63	2.8268	3.0139
4056	43.045	2.4592	3.3477	8424	43.045	2.4592	3.3477
4057	32.995	3.0717	2.585	8425	32.995	3.0717	2.585
4058	44.545	4.2909	2.7945	8426	44.545	4.2909	2.7945
4059	41.523	4.9582	3.8971	8427	41.523	4.9582	3.8971
4060	30.415	3.3128	2.6189	8428	30.415	3.3128	2.6189
4061	34.181	3.0725	1.8187	8429	34.181	3.0725	1.8187
4062	35.793	4.5691	2.1216	8430	35.793	4.5691	2.1216
4063	30.993	4.1081	3.7814	8431	30.993	4.1081	3.7814
4064	36.959	2.6227	2.0728	8432	36.959	2.6227	2.0728
4065	28.005	3.6247	3.3899	8433	28.005	3.6247	3.3899
4066	29.454	4.5441	1.995	8434	29.454	4.5441	1.995
4067	27.414	3.0847	2.148	8435	27.414	3.0847	2.148
4068	35.89	3.4671	2.0289	8436	35.89	3.4671	2.0289
4069	27.564	3.146	2.8674	8437	27.564	3.146	2.8674
4070	26.006	4.7379	3.2157	8438	26.006	4.7379	3.2157
4071	34.779	2.9912	1.2073	8439	34.779	2.9912	1.2073
4072	26.28	1.9841	3.9362	8440	26.28	1.9841	3.9362
4073	35.579	3.4518	2.9291	8441	35.579	3.4518	2.9291
4074	28.752	3.762	2.4837	8442	28.752	3.762	2.4837
4075	34.374	2.0552	1.9808	8443	34.374	2.0552	1.9808
4076	32.946	3.5711	1.4785	8444	32.946	3.5711	1.4785
4077	38.192	1.705	2.7064	8445	38.192	1.705	2.7064
4078	15.665	3.899	2.018	8446	15.665	3.899	2.018
4079	19.939	3.5506	2.666	8447	19.939	3.5506	2.666
4080	26.465	3.5991	2.7512	8448	26.465	3.5991	2.7512
4081	30.034	3.9423	1.7046	8449	30.034	3.9423	1.7046
4082	31.74	1.8329	2.2946	8450	31.74	1.8329	2.2946
4083	32.025	2.6896	2.7878	8451	32.025	2.6896	2.7878
4084	32.922	3.8343	3.4246	8452	32.922	3.8343	3.4246
4085	29.792	2.1577	3.2395	8453	29.792	2.1577	3.2395
4086	38.877	3.4678	2.2364	8454	38.877	3.4678	2.2364
4087	31.368	2.1015	2.1483	8455	31.368	2.1015	2.1483
4088	33.22	3.3856	2.6771	8456	33.22	3.3856	2.6771
4089	27.379	3.6716	2.6408	8457	27.379	3.6716	2.6408
4090	50.103	3.786	2.1103	8458	50.103	3.786	2.1103
4091	44.884	3.7557	3.0702	8459	44.884	3.7557	3.0702
4092	24.196	3.8736	1.9276	8460	24.196	3.8736	1.9276
4093	37.809	3.0337	3.6417	8461	37.809	3.0337	3.6417
4094	36.672	1.5959	2.6388	8462	36.672	1.5959	2.6388
4095	21.317	3.4793	3.0407	8463	21.317	3.4793	3.0407

4096	20.917	4.5135	2.5454	8464	20.917	4.5135	2.5454
4097	19.563	3.037	1.9306	8465	19.563	3.037	1.9306
4098	43.599	2.9128	2.5207	8466	43.599	2.9128	2.5207
4099	50.235	4.0877	1.7013	8467	50.235	4.0877	1.7013
4100	30.333	2.4491	3.4803	8468	30.333	2.4491	3.4803
4101	20.987	2.79	2.5287	8469	20.987	2.79	2.5287
4102	19.797	3.3996	2.0217	8470	19.797	3.3996	2.0217
4103	41.936	2.0195	2.0014	8471	41.936	2.0195	2.0014
4104	38.115	3.5128	1.754	8472	38.115	3.5128	1.754
4105	24.854	4.2098	4.0622	8473	24.854	4.2098	4.0622
4106	32.247	3.2545	1.1821	8474	32.247	3.2545	1.1821
4107	20.888	3.7648	2.7703	8475	20.888	3.7648	2.7703
4108	32.773	2.9778	3.207	8476	32.773	2.9778	3.207
4109	20.922	2.1885	3.0711	8477	20.922	2.1885	3.0711
4110	23.428	3.8452	3.4925	8478	23.428	3.8452	3.4925
4111	38.822	3.6488	3.1913	8479	38.822	3.6488	3.1913
4112	26.208	3.2755	2.5961	8480	26.208	3.2755	2.5961
4113	56.453	3.2192	1.7599	8481	56.453	3.2192	1.7599
4114	24.525	3.5836	3.6047	8482	24.525	3.5836	3.6047
4115	40.311	4.2707	3.2506	8483	40.311	4.2707	3.2506
4116	36.744	2.4003	2.8032	8484	36.744	2.4003	2.8032
4117	23.848	2.1844	3.2975	8485	23.848	2.1844	3.2975
4118	36.6	3.1591	2.9167	8486	36.6	3.1591	2.9167
4119	28.602	3.514	2.5387	8487	28.602	3.514	2.5387
4120	43.354	3.2117	3.5357	8488	43.354	3.2117	3.5357
4121	35.409	4.8966	3.181	8489	35.409	4.8966	3.181
4122	33.934	1.9903	2.391	8490	33.934	1.9903	2.391
4123	46.365	3.3705	1.739	8491	46.365	3.3705	1.739
4124	37.39	3.1454	3.11	8492	37.39	3.1454	3.11
4125	25.916	3.6337	2.8089	8493	25.916	3.6337	2.8089
4126	39.845	5.0797	3.5354	8494	39.845	5.0797	3.5354
4127	22.334	3.7855	2.4218	8495	22.334	3.7855	2.4218
4128	26.533	3.2279	3.3115	8496	26.533	3.2279	3.3115
4129	33.878	3.8867	1.4005	8497	33.878	3.8867	1.4005
4130	33.015	2.5328	1.5457	8498	33.015	2.5328	1.5457
4131	46.724	4.2317	3.2046	8499	46.724	4.2317	3.2046
4132	36.849	4.2084	4.024	8500	36.849	4.2084	4.024
4133	21.134	4.0804	2.378	8501	21.134	4.0804	2.378
4134	25.339	3.044	2.8146	8502	25.339	3.044	2.8146
4135	52.475	2.9764	2.5458	8503	52.475	2.9764	2.5458
4136	33.102	3.0305	1.397	8504	33.102	3.0305	1.397
4137	29.587	1.9949	1.704	8505	29.587	1.9949	1.704
4138	39.722	2.2103	2.5365	8506	39.722	2.2103	2.5365
4139	38.603	4.0824	2.363	8507	38.603	4.0824	2.363
4140	26.147	3.6434	3.2698	8508	26.147	3.6434	3.2698
4141	26.63	2.36	2.3547	8509	26.63	2.36	2.3547
4142	23.453	3.3763	4.0196	8510	23.453	3.3763	4.0196
4143	20.277	2.6418	2.5162	8511	20.277	2.6418	2.5162
4144	18.417	1.7679	3.0373	8512	18.417	1.7679	3.0373
4145	39.95	4.0372	3.5554	8513	39.95	4.0372	3.5554
4146	29.863	1.5969	3.9311	8514	29.863	1.5969	3.9311
4147	22.95	3.1777	3.6101	8515	22.95	3.1777	3.6101
4148	20.232	3.3469	2.8497	8516	20.232	3.3469	2.8497
4149	35.431	3.1707	2.5739	8517	35.431	3.1707	2.5739
4150	43.298	2.9618	3.1858	8518	43.298	2.9618	3.1858
4151	38.09	3.1643	2.8134	8519	38.09	3.1643	2.8134
4152	8.3811	3.4287	3.182	8520	8.3811	3.4287	3.182
4153	19.684	3.5503	2.6879	8521	19.684	3.5503	2.6879
4154	25.863	4.0544	4.2048	8522	25.863	4.0544	4.2048
4155	45.042	3.7829	3.4836	8523	45.042	3.7829	3.4836
4156	36.848	4.0225	4.5375	8524	36.848	4.0225	4.5375
4157	24.889	4.6652	2.3349	8525	24.889	4.6652	2.3349
4158	24.239	3.5688	2.4947	8526	24.239	3.5688	2.4947
4159	27.541	5.1313	3.2232	8527	27.541	5.1313	3.2232
4160	37.483	2.8317	2.426	8528	37.483	2.8317	2.426
4161	36.96	4.3928	1.8741	8529	36.96	4.3928	1.8741
4162	40.965	3.5833	3.0863	8530	40.965	3.5833	3.0863

4163	35.36	3.1722	2.6581	8531	35.36	3.1722	2.6581
4164	19.855	3.0025	2.5337	8532	19.855	3.0025	2.5337
4165	38.778	4.0933	3.1089	8533	38.778	4.0933	3.1089
4166	38.272	3.5309	1.6278	8534	38.272	3.5309	1.6278
4167	42.847	4.8915	2.6773	8535	42.847	4.8915	2.6773
4168	42.556	4.0642	2.7321	8536	42.556	4.0642	2.7321
4169	27.835	2.8687	2.9827	8537	27.835	2.8687	2.9827
4170	28.325	3.4171	2.3464	8538	28.325	3.4171	2.3464
4171	46.224	2.8256	3.7828	8539	46.224	2.8256	3.7828
4172	35.331	3.1715	2.9449	8540	35.331	3.1715	2.9449
4173	35.801	4.3066	3.1057	8541	35.801	4.3066	3.1057
4174	27.878	3.5931	2.6655	8542	27.878	3.5931	2.6655
4175	31.692	4.6501	2.0836	8543	31.692	4.6501	2.0836
4176	47.133	3.8155	3.1186	8544	47.133	3.8155	3.1186
4177	27.446	2.5415	2.1239	8545	27.446	2.5415	2.1239
4178	25.481	2.8978	1.46	8546	25.481	2.8978	1.46
4179	39.769	2.6482	2.926	8547	39.769	2.6482	2.926
4180	50.148	4.5571	3.4395	8548	50.148	4.5571	3.4395
4181	16.408	2.3923	1.3686	8549	16.408	2.3923	1.3686
4182	24.105	3.9586	2.4246	8550	24.105	3.9586	2.4246
4183	23.254	4.6432	2.2143	8551	23.254	4.6432	2.2143
4184	32.517	2.8263	1.8391	8552	32.517	2.8263	1.8391
4185	29.627	2.9352	1.7954	8553	29.627	2.9352	1.7954
4186	24.869	3.0633	3.3058	8554	24.869	3.0633	3.3058
4187	39.008	3.2938	2.6441	8555	39.008	3.2938	2.6441
4188	34.654	2.7081	3.4399	8556	34.654	2.7081	3.4399
4189	42.31	4.3221	3.4806	8557	42.31	4.3221	3.4806
4190	34.142	3.5677	2.9205	8558	34.142	3.5677	2.9205
4191	36.035	1.884	2.4723	8559	36.035	1.884	2.4723
4192	31.102	2.4619	2.5324	8560	31.102	2.4619	2.5324
4193	29.987	2.9371	2.4598	8561	29.987	2.9371	2.4598
4194	18.808	2.489	3.0377	8562	18.808	2.489	3.0377
4195	29.788	1.4498	2.0585	8563	29.788	1.4498	2.0585
4196	36.801	2.909	2.2965	8564	36.801	2.909	2.2965
4197	26.956	3.4209	3.4809	8565	26.956	3.4209	3.4809
4198	28.494	3.7971	3.1744	8566	28.494	3.7971	3.1744
4199	39.678	3.1942	2.3328	8567	39.678	3.1942	2.3328
4200	45.717	3.9561	3.0985	8568	45.717	3.9561	3.0985
4201	21.135	2.1389	1.1568	8569	21.135	2.1389	1.1568
4202	28.386	2.1377	2.8717	8570	28.386	2.1377	2.8717
4203	20.876	2.8458	1.9771	8571	20.876	2.8458	1.9771
4204	29.952	3.3589	3.2267	8572	29.952	3.3589	3.2267
4205	35.473	3.5976	3.4182	8573	35.473	3.5976	3.4182
4206	34.659	4.1779	2.6901	8574	34.659	4.1779	2.6901
4207	36.243	3.573	1.555	8575	36.243	3.573	1.555
4208	17.667	4.2424	1.8107	8576	17.667	4.2424	1.8107
4209	43.564	4.2171	2.065	8577	43.564	4.2171	2.065
4210	18.747	5.378	1.4499	8578	18.747	5.378	1.4499
4211	18.253	2.6732	3.906	8579	18.253	2.6732	3.906
4212	39.695	4.3898	3.582	8580	39.695	4.3898	3.582
4213	28.314	3.6773	1.5115	8581	28.314	3.6773	1.5115
4214	52.434	3.668	3.1019	8582	52.434	3.668	3.1019
4215	36.932	3.7956	2.5125	8583	36.932	3.7956	2.5125
4216	43.877	3.5067	2.3449	8584	43.877	3.5067	2.3449
4217	32.47	2.6472	1.3732	8585	32.47	2.6472	1.3732
4218	33.638	3.881	3.1145	8586	33.638	3.881	3.1145
4219	38.531	2.6049	4.025	8587	38.531	2.6049	4.025
4220	42.308	1.8994	1.4806	8588	42.308	1.8994	1.4806
4221	16.535	2.5332	3.2544	8589	16.535	2.5332	3.2544
4222	30.321	2.9275	3.4246	8590	30.321	2.9275	3.4246
4223	40.002	2.7042	1.9461	8591	40.002	2.7042	1.9461
4224	36.73	2.7555	3.0576	8592	36.73	2.7555	3.0576
4225	39.624	2.6749	2.0027	8593	39.624	2.6749	2.0027
4226	30.306	1.9297	3.4057	8594	30.306	1.9297	3.4057
4227	29.473	3.3562	3.2809	8595	29.473	3.3562	3.2809
4228	42.717	4.2503	2.2698	8596	42.717	4.2503	2.2698
4229	44.867	2.6257	2.6413	8597	44.867	2.6257	2.6413

4230	35.553	2.1822	2.7605	8598	35.553	2.1822	2.7605
4231	27.698	2.4282	1.7215	8599	27.698	2.4282	1.7215
4232	32.346	4.8509	1.7051	8600	32.346	4.8509	1.7051
4233	35.586	3.4637	2.6011	8601	35.586	3.4637	2.6011
4234	38.536	3.4119	3.2522	8602	38.536	3.4119	3.2522
4235	41.615	3.1525	1.9005	8603	41.615	3.1525	1.9005
4236	34.497	2.8085	3.0852	8604	34.497	2.8085	3.0852
4237	21.11	2.0514	1.595	8605	21.11	2.0514	1.595
4238	41.086	3.3493	1.7634	8606	41.086	3.3493	1.7634
4239	25.848	3.8797	1.3835	8607	25.848	3.8797	1.3835
4240	31.426	3.1061	2.6233	8608	31.426	3.1061	2.6233
4241	51.617	2.4085	3.7966	8609	51.617	2.4085	3.7966
4242	32.471	2.4315	1.6275	8610	32.471	2.4315	1.6275
4243	23.892	2.7913	2.0776	8611	23.892	2.7913	2.0776
4244	30.486	2.5554	2.9257	8612	30.486	2.5554	2.9257
4245	39.113	3.521	2.577	8613	39.113	3.521	2.577
4246	40.534	3.1524	2.952	8614	40.534	3.1524	2.952
4247	50.445	3.161	2.973	8615	50.445	3.161	2.973
4248	26.796	3.8495	1.4176	8616	26.796	3.8495	1.4176
4249	23.264	3.572	4.4454	8617	23.264	3.572	4.4454
4250	43.336	3.3928	2.7505	8618	43.336	3.3928	2.7505
4251	21.676	1.849	2.7884	8619	21.676	1.849	2.7884
4252	33.229	3.6293	3.1064	8620	33.229	3.6293	3.1064
4253	38.498	2.6763	3.4193	8621	38.498	2.6763	3.4193
4254	35.325	3.4976	1.9709	8622	35.325	3.4976	1.9709
4255	30.324	3.8289	2.3808	8623	30.324	3.8289	2.3808
4256	41.389	3.148	3.1284	8624	41.389	3.148	3.1284
4257	20.143	3.3222	2.781	8625	20.143	3.3222	2.781
4258	37.495	3.5686	2.2081	8626	37.495	3.5686	2.2081
4259	35.269	2.5534	0.75626	8627	35.269	2.5534	0.75626
4260	41.966	3.9553	2.1563	8628	41.966	3.9553	2.1563
4261	46.289	3.9308	3.1195	8629	46.289	3.9308	3.1195
4262	33.806	3.3256	2.0581	8630	33.806	3.3256	2.0581
4263	33.983	3.7788	3.218	8631	33.983	3.7788	3.218
4264	31.264	4.0421	2.2995	8632	31.264	4.0421	2.2995
4265	41.709	4.2513	1.7815	8633	41.709	4.2513	1.7815
4266	45.491	3.6148	2.0984	8634	45.491	3.6148	2.0984
4267	37.592	3.2152	3.5387	8635	37.592	3.2152	3.5387
4268	61.181	3.8003	3.8891	8636	61.181	3.8003	3.8891
4269	30.677	4.4544	2.7624	8637	30.677	4.4544	2.7624
4270	35.75	2.0094	2.4407	8638	35.75	2.0094	2.4407
4271	28.308	4.3773	2.7858	8639	28.308	4.3773	2.7858
4272	32.783	2.6937	2.8744	8640	32.783	2.6937	2.8744
4273	32.275	3.3757	2.2626	8641	32.275	3.3757	2.2626
4274	21.852	1.779	2.263	8642	21.852	1.779	2.263
4275	25.764	3.9089	2.9521	8643	25.764	3.9089	2.9521
4276	51.697	4.1176	3.0719	8644	51.697	4.1176	3.0719
4277	42.559	2.7086	2.6513	8645	42.559	2.7086	2.6513
4278	34.515	2.334	2.7794	8646	34.515	2.334	2.7794
4279	38.328	2.3918	2.8537	8647	38.328	2.3918	2.8537
4280	41.382	2.0969	2.9216	8648	41.382	2.0969	2.9216
4281	37.232	2.4041	4.2248	8649	37.232	2.4041	4.2248
4282	50.336	2.9817	2.1455	8650	50.336	2.9817	2.1455
4283	43.1	2.9574	2.1042	8651	43.1	2.9574	2.1042
4284	23.767	3.7218	2.1709	8652	23.767	3.7218	2.1709
4285	46.404	3.0905	4.3576	8653	46.404	3.0905	4.3576
4286	6.5961	4.5288	2.7152	8654	6.5961	4.5288	2.7152
4287	27.454	3.7773	2.838	8655	27.454	3.7773	2.838
4288	24.244	3.369	2.3592	8656	24.244	3.369	2.3592
4289	40.615	2.7442	2.1342	8657	40.615	2.7442	2.1342
4290	42.725	3.8423	1.5327	8658	42.725	3.8423	1.5327
4291	24.151	4.743	2.5925	8659	24.151	4.743	2.5925
4292	42.458	2.4988	1.6263	8660	42.458	2.4988	1.6263
4293	24.591	1.6386	2.5237	8661	24.591	1.6386	2.5237
4294	42.836	3.158	3.053	8662	42.836	3.158	3.053
4295	39.563	4.4034	2.7501	8663	39.563	4.4034	2.7501
4296	28.433	5.3713	2.6323	8664	28.433	5.3713	2.6323

4297	48.22	3.3565	2.6589	8665	48.22	3.3565	2.6589
4298	37.809	1.5973	1.8055	8666	37.809	1.5973	1.8055
4299	21.495	1.6973	2.6704	8667	21.495	1.6973	2.6704
4300	35.479	2.9392	3.6888	8668	35.479	2.9392	3.6888
4301	33.692	3.0982	2.0321	8669	33.692	3.0982	2.0321
4302	53.115	3.3295	2.2784	8670	53.115	3.3295	2.2784
4303	45.42	4.069	2.5184	8671	45.42	4.069	2.5184
4304	34.783	4.1113	2.6172	8672	34.783	4.1113	2.6172
4305	44.762	2.834	2.1894	8673	44.762	2.834	2.1894
4306	27.943	3.6871	3.101	8674	27.943	3.6871	3.101
4307	39.862	2.7175	2.9592	8675	39.862	2.7175	2.9592
4308	31.229	3.7022	1.9845	8676	31.229	3.7022	1.9845
4309	29.318	4.7164	3.1734	8677	29.318	4.7164	3.1734
4310	51.967	3.3151	1.9361	8678	51.967	3.3151	1.9361
4311	26.566	2.87	3.1168	8679	26.566	2.87	3.1168
4312	31.269	2.8798	3.063	8680	31.269	2.8798	3.063
4313	28.024	3.6695	2.822	8681	28.024	3.6695	2.822
4314	23.116	2.2422	2.2279	8682	23.116	2.2422	2.2279
4315	33.242	3.6323	2.5714	8683	33.242	3.6323	2.5714
4316	31.212	2.3479	1.5007	8684	31.212	2.3479	1.5007
4317	26.267	3.9652	2.9826	8685	26.267	3.9652	2.9826
4318	31.666	3.0132	1.6827	8686	31.666	3.0132	1.6827
4319	44.44	4.197	2.5706	8687	44.44	4.197	2.5706
4320	22.506	3.2278	2.3977	8688	22.506	3.2278	2.3977
4321	34.175	2.1447	1.5723	8689	34.175	2.1447	1.5723
4322	41.486	4.1973	2.2245	8690	41.486	4.1973	2.2245
4323	27.786	4.7915	3.1578	8691	27.786	4.7915	3.1578
4324	37.226	3.5294	2.3992	8692	37.226	3.5294	2.3992
4325	37.434	2.9154	2.3175	8693	37.434	2.9154	2.3175
4326	46.216	3.6022	2.3813	8694	46.216	3.6022	2.3813
4327	26.696	4.4944	3.5328	8695	26.696	4.4944	3.5328
4328	24.699	2.8072	2.2753	8696	24.699	2.8072	2.2753
4329	42.381	3.7987	3.6877	8697	42.381	3.7987	3.6877
4330	16.737	2.8039	3.1438	8698	16.737	2.8039	3.1438
4331	32.106	2.6297	2.8769	8699	32.106	2.6297	2.8769
4332	34.733	3.6173	1.7444	8700	34.733	3.6173	1.7444
4333	28.347	3.4622	2.3861	8701	28.347	3.4622	2.3861
4334	31.768	1.8682	2.8941	8702	31.768	1.8682	2.8941
4335	25.716	3.1234	1.4827	8703	25.716	3.1234	1.4827
4336	28.423	3.8245	2.3172	8704	28.423	3.8245	2.3172
4337	33.69	3.8853	1.8903	8705	33.69	3.8853	1.8903
4338	48.309	3.6683	3.2362	8706	48.309	3.6683	3.2362
4339	22.211	2.5946	3.1432	8707	22.211	2.5946	3.1432
4340	28.51	2.7253	2.3551	8708	28.51	2.7253	2.3551
4341	21.997	1.9471	3.2457	8709	21.997	1.9471	3.2457
4342	15.085	2.2812	2.5542	8710	15.085	2.2812	2.5542
4343	25.507	2.5616	3.0101	8711	25.507	2.5616	3.0101
4344	24.638	4.1949	2.2101	8712	24.638	4.1949	2.2101
4345	21.436	4.2141	2.55	8713	21.436	4.2141	2.55
4346	21.334	3.1906	2.5665	8714	21.334	3.1906	2.5665
4347	17.08	3.5897	1.8984	8715	17.08	3.5897	1.8984
4348	49.266	4.425	2.6408	8716	49.266	4.425	2.6408
4349	25.391	2.4993	1.8911	8717	25.391	2.4993	1.8911
4350	41.156	3.2721	2.138	8718	41.156	3.2721	2.138
4351	40.065	3.9188	3.6409	8719	40.065	3.9188	3.6409
4352	31.187	3.9642	3.127	8720	31.187	3.9642	3.127
4353	41.644	4.5866	2.7929	8721	41.644	4.5866	2.7929
4354	29.091	2.6283	3.1182	8722	29.091	2.6283	3.1182
4355	38.026	3.3612	3.7779	8723	38.026	3.3612	3.7779
4356	25.407	2.6573	2.2869	8724	25.407	2.6573	2.2869
4357	22.599	2.2378	2.7908	8725	22.599	2.2378	2.7908
4358	27.375	2.5188	2.2922	8726	27.375	2.5188	2.2922
4359	38.275	4.4238	2.3648	8727	38.275	4.4238	2.3648
4360	29.301	3.5742	1.7474	8728	29.301	3.5742	1.7474
4361	39.827	3.4811	1.9815	8729	39.827	3.4811	1.9815
4362	27.721	3.4362	2.6207	8730	27.721	3.4362	2.6207
4363	25.786	4.3193	2.6281	8731	25.786	4.3193	2.6281

4364	17.453	2.3926	2.9696	8732	17.453	2.3926	2.9696
4365	32.765	3.1831	3.128	8733	32.765	3.1831	3.128
4366	39.782	3.8654	2.4686	8734	39.782	3.8654	2.4686
4367	25.325	2.7458	1.9722	8735	25.325	2.7458	1.9722
4368	35.815	3.0386	3.6451	8736	35.815	3.0386	3.6451