

APÉNDICE H. DE LA TESIS DE MAESTRÍA TITULADA "ANÁLISIS DE CONFIABILIDAD EN EDIFICACIONES REPRESENTATIVAS DE BUCARAMANGA DE MEDIANA ALTURA CON SISTEMA ESTRUCTURAL MURO-PÓRTICO SOBRE SUELO FLEXIBLE"

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RESULTADOS DE RESPUESTA INELÁSTICA EN EL SISTEMA ESTRUCTURAL BAJO CONDICIONES DE 20 NIVELES SOBRE PERFIL DE SUELO D

Muestra	f'c	fy	fu	20D			20D-324.5			20D-249.0		
				Desplm.	Periodo [s]	R	Desplm.	Periodo [s]	R	Desplm.	Periodo [s]	R
1	43.173	432.085	628.221	0.323	1.494	2.853	0.511	2.419	1.728	0.630	3.000	1.401
2	39.531	466.622	722.902	0.331	1.514	2.867	0.514	2.439	1.674	0.634	3.009	1.426
3	38.431	491.515	622.357	0.339	1.523	2.958	0.518	2.445	1.728	0.637	3.021	1.442
4	35.080	462.277	706.707	0.346	1.558	2.957	0.521	2.471	1.698	0.644	3.027	1.548
5	40.409	499.484	612.407	0.334	1.503	2.955	0.515	2.436	1.708	0.635	3.009	1.447
6	46.283	489.953	593.631	0.325	1.445	3.062	0.505	2.403	1.643	0.626	2.992	1.348
7	45.252	507.039	691.530	0.320	1.456	2.850	0.507	2.404	1.644	0.629	2.988	1.385
8	35.122	437.153	603.082	0.610	1.501	4.796	0.529	2.470	1.885	0.644	3.039	1.544
9	30.932	437.087	586.361	0.655	1.545	4.996	0.535	2.503	1.977	0.769	3.037	2.352
10	25.921	447.656	678.567	7.024	1.573	17.022	0.853	2.486	3.541	1.126	3.050	3.331
11	29.431	517.634	645.239	1.202	1.542	6.870	0.550	2.498	2.028	0.706	3.047	1.994
12	28.203	488.817	650.376	1.352	1.556	7.670	0.655	2.483	2.653	0.785	3.060	2.363
13	36.779	466.791	681.573	0.350	1.529	3.092	0.524	2.450	1.808	0.636	3.025	1.424
14	34.672	441.412	696.552	0.350	1.568	3.002	0.525	2.468	1.808	0.642	3.038	1.480
15	42.857	470.636	707.399	0.326	1.481	2.853	0.510	2.428	1.604	0.628	2.995	1.353
16	42.811	505.761	634.238	0.326	1.481	2.874	0.510	2.415	1.670	0.629	2.998	1.361
17	37.147	444.022	647.274	0.353	1.517	3.340	0.521	2.455	1.777	0.642	3.029	1.515
18	39.646	511.944	633.281	0.331	1.508	2.898	0.515	2.449	1.641	0.636	3.015	1.445
19	38.138	445.473	622.759	0.341	1.530	3.030	0.519	2.451	1.778	0.639	3.020	1.496
20	36.738	470.408	670.734	0.339	1.540	2.941	0.517	2.460	1.667	0.642	3.027	1.510
21	28.830	484.087	665.577	0.894	1.561	5.660	0.691	2.471	2.910	0.759	3.043	2.239
22	35.798	458.115	635.898	0.348	1.558	2.969	0.528	2.464	1.848	0.646	3.039	1.552
23	30.037	453.386	611.887	0.602	1.562	4.751	0.538	2.505	1.972	0.679	3.055	1.875
24	30.110	516.078	637.028	0.526	1.572	4.024	0.802	2.463	3.159	0.859	3.026	2.616
25	41.784	481.132	659.433	0.333	1.485	2.994	0.513	2.421	1.715	0.633	3.000	1.436
26	46.696	443.578	679.314	0.348	1.433	3.303	0.504	2.402	1.618	0.626	2.985	1.365
27	33.009	463.863	678.463	0.361	1.573	3.137	0.532	2.476	1.876	0.649	3.047	1.563
28	41.244	489.385	694.498	0.330	1.492	2.876	0.514	2.435	1.648	0.634	3.004	1.422
29	29.912	487.942	605.696	0.682	1.552	5.284	0.540	2.504	1.966	0.661	3.068	1.695
30	28.444	481.601	746.886	1.303	1.560	5.990	0.650	2.485	2.535	0.747	3.054	2.128
31	25.910	410.464	614.776	7.609	1.574	17.024	0.900	2.514	3.445	0.761	3.082	2.358
32	34.214	477.888	606.400	0.393	1.547	3.412	0.532	2.468	1.932	0.643	3.052	1.492
33	30.594	489.811	633.357	1.061	1.529	6.905	0.536	2.508	1.888	0.651	3.062	1.596
34	29.846	484.300	672.851	0.595	1.567	4.419	0.540	2.500	1.943	0.728	3.039	2.116
35	30.921	462.858	657.384	0.855	1.532	6.028	0.540	2.491	1.965	0.656	3.054	1.658
36	31.752	453.765	667.131	0.744	1.525	5.711	0.536	2.487	1.923	0.651	3.066	1.561

37	35.585	460.806	639.946	0.397	1.519	3.794	0.525	2.464	1.814	0.640	3.036	1.470
38	42.707	489.927	678.024	0.438	1.446	3.794	0.509	2.416	1.656	0.632	2.996	1.433
39	34.257	496.935	673.265	0.352	1.562	3.006	0.526	2.471	1.784	0.654	3.023	1.662
40	32.725	437.179	613.593	0.376	1.566	3.559	0.533	2.481	1.929	0.650	3.047	1.616
41	40.858	421.913	711.171	0.330	1.500	2.966	0.515	2.440	1.714	0.635	3.001	1.488
42	31.339	468.243	629.565	0.362	1.609	3.084	0.534	2.496	1.895	0.655	3.056	1.640
43	30.767	466.375	644.846	0.494	1.571	3.975	0.536	2.493	1.940	0.655	3.060	1.643
44	30.389	467.664	652.151	0.506	1.576	3.965	0.576	2.480	2.268	0.651	3.063	1.583
45	25.545	465.609	688.010	1.277	1.604	6.267	2.676	2.471	7.219	2.604	3.042	6.347
46	30.978	463.565	623.066	0.729	1.538	5.469	0.549	2.487	2.073	0.668	3.046	1.814
47	32.481	450.432	647.476	0.388	1.573	3.361	0.532	2.482	1.910	0.646	3.052	1.539
48	32.436	492.622	728.688	0.357	1.584	2.996	0.530	2.482	1.806	0.646	3.048	1.508
49	36.548	496.618	617.092	1.221	1.458	7.543	0.524	2.453	1.795	0.640	3.025	1.471
50	50.880	438.771	703.065	0.307	1.436	2.678	0.502	2.383	1.630	0.622	2.976	1.301
51	37.678	401.472	709.014	0.355	1.521	3.233	0.528	2.454	1.857	0.641	3.024	1.516
52	40.666	443.081	686.058	0.330	1.506	2.887	0.513	2.433	1.685	0.632	3.007	1.394
53	40.909	456.201	628.108	0.332	1.504	2.950	0.514	2.432	1.723	0.634	3.003	1.459
54	31.800	496.372	645.557	0.392	1.565	3.449	0.530	2.490	1.837	0.650	3.051	1.580
55	34.043	472.480	666.833	0.354	1.565	3.065	0.529	2.474	1.832	0.645	3.042	1.529
56	32.137	507.534	700.442	0.358	1.582	3.016	0.530	2.484	1.805	0.652	3.056	1.558
57	36.114	456.918	620.008	0.351	1.547	3.094	0.528	2.464	1.838	0.643	3.035	1.504
58	32.218	494.204	665.636	0.354	1.588	3.012	0.528	2.482	1.826	0.644	3.054	1.491
59	38.830	474.135	671.008	0.340	1.514	2.988	0.519	2.444	1.729	0.635	3.015	1.429
60	37.046	415.749	649.781	0.344	1.543	3.054	0.524	2.468	1.789	0.642	3.027	1.528
61	26.480	472.846	675.797	3.090	1.565	10.251	0.846	2.481	3.463	0.746	3.073	2.175
62	40.456	478.810	651.080	0.664	1.442	4.916	0.520	2.427	1.786	0.633	3.007	1.413
63	43.819	528.608	657.408	0.319	1.475	2.716	0.507	2.409	1.626	0.626	2.990	1.326
64	46.945	421.457	653.696	0.318	1.460	2.853	0.506	2.402	1.666	0.633	2.974	1.512
65	44.380	500.859	611.440	0.324	1.464	2.967	0.512	2.409	1.731	0.631	2.991	1.435
66	55.768	505.483	653.186	0.305	1.384	2.876	0.496	2.359	1.576	0.617	2.952	1.278
67	32.296	486.798	674.803	0.435	1.555	3.688	0.559	2.470	2.105	0.662	3.043	1.689
68	37.952	505.052	649.663	0.340	1.521	2.973	0.520	2.450	1.733	0.636	3.017	1.432
69	36.852	449.175	693.891	0.343	1.540	2.969	0.521	2.453	1.760	0.641	3.033	1.471
70	33.084	485.000	602.347	0.356	1.585	3.070	0.529	2.480	1.857	0.646	3.051	1.527
71	35.637	482.089	656.053	0.345	1.548	3.012	0.522	2.459	1.783	0.641	3.031	1.493
73	37.280	494.410	638.020	0.443	1.487	4.192	0.540	2.432	1.992	0.649	3.009	1.618
74	26.647	484.151	640.569	3.129	1.562	11.165	0.551	2.541	2.040	0.808	3.053	2.449
75	31.526	499.116	616.038	0.556	1.542	4.609	0.542	2.486	1.988	0.649	3.053	1.575
76	33.352	443.755	610.449	0.358	1.579	3.189	0.531	2.474	1.928	0.651	3.050	1.627
77	42.793	442.447	631.368	0.326	1.484	2.994	0.510	2.417	1.734	0.634	2.998	1.483
78	40.355	472.599	680.401	0.328	1.504	2.870	0.513	2.433	1.695	0.636	3.006	1.467
79	42.248	493.240	629.384	0.328	1.487	2.912	0.510	2.422	1.645	0.633	2.998	1.443
80	55.159	461.279	581.002	0.303	1.404	2.836	0.501	2.370	1.671	0.618	2.956	1.325
81	36.679	446.447	642.491	0.366	1.520	3.401	0.535	2.458	1.940	0.646	3.033	1.568

82	30.540	486.815	680.192	1.024	1.533	6.343	0.536	2.516	1.832	0.656	3.069	1.614
83	41.133	444.383	656.223	0.336	1.494	3.034	0.516	2.429	1.750	0.633	3.015	1.395
84	39.811	443.115	702.798	0.331	1.513	2.888	0.514	2.434	1.710	0.632	3.011	1.397
85	43.607	461.794	649.744	0.324	1.478	2.882	0.509	2.418	1.639	0.631	2.995	1.412
86	36.837	504.120	602.724	0.341	1.538	2.991	0.520	2.457	1.762	0.637	3.028	1.443
87	42.969	484.121	601.915	0.325	1.481	2.954	0.511	2.429	1.668	0.633	2.993	1.476
88	33.203	480.050	663.197	0.352	1.579	3.018	0.526	2.476	1.818	0.649	3.051	1.562
89	34.333	444.767	646.593	0.353	1.567	3.087	0.528	2.472	1.849	0.642	3.040	1.500
90	31.805	446.049	682.562	0.514	1.561	3.977	0.812	2.439	3.248	0.647	3.058	1.530
91	26.618	464.365	692.997	7.298	1.563	16.910	0.815	2.484	3.362	1.084	3.053	3.161
92	39.597	475.165	689.717	0.345	1.498	3.075	0.521	2.431	1.778	0.638	3.010	1.475
93	37.430	456.134	655.959	0.341	1.534	2.975	0.520	2.452	1.758	0.643	3.024	1.532
94	38.040	510.837	673.267	0.332	1.531	2.745	0.514	2.448	1.618	0.639	3.015	1.483
95	33.098	478.991	634.102	0.586	1.525	4.525	0.530	2.481	1.842	0.649	3.048	1.560
96	35.237	483.680	643.764	0.348	1.553	3.032	0.524	2.465	1.792	0.640	3.037	1.454
97	43.107	495.473	653.480	0.471	1.441	3.931	0.509	2.414	1.669	0.633	2.997	1.438
98	37.214	444.283	661.627	0.344	1.535	3.027	0.521	2.453	1.777	0.639	3.021	1.493
99	29.418	467.447	597.299	1.542	1.537	8.176	0.540	2.514	1.978	0.745	3.050	2.242
100	50.245	465.401	557.145	0.315	1.418	3.106	0.507	2.381	1.784	0.625	2.965	1.462
101	28.875	452.691	679.867	0.917	1.557	6.162	0.590	2.495	2.363	0.794	3.041	2.440
102	37.144	430.270	638.175	0.349	1.534	3.151	0.526	2.457	1.845	0.644	3.029	1.553
103	33.064	477.730	613.258	0.352	1.587	3.043	0.528	2.483	1.850	0.651	3.052	1.605
104	37.257	473.102	623.516	0.462	1.501	3.842	0.520	2.450	1.790	0.640	3.031	1.481
105	71.140	444.993	653.089	3.660	1.222	15.970	0.528	2.268	3.395	0.652	3.022	2.397
106	41.620	484.733	642.362	0.556	1.429	5.426	0.610	2.382	2.778	0.712	2.979	2.222
107	35.170	475.805	636.580	0.381	1.537	3.308	0.524	2.467	1.797	0.643	3.034	1.519
108	42.650	479.469	609.471	0.327	1.486	2.947	0.513	2.431	1.698	0.634	2.996	1.479
109	31.745	506.331	644.066	0.357	1.594	3.050	0.531	2.491	1.841	0.652	3.056	1.592
110	34.318	427.575	615.791	0.358	1.566	3.213	0.532	2.482	1.894	0.645	3.043	1.555
111	39.684	433.769	672.346	0.333	1.514	2.967	0.514	2.436	1.742	0.637	3.010	1.501
112	30.010	422.509	639.191	1.226	1.535	7.489	0.538	2.509	1.969	0.738	3.050	2.172
113	33.731	454.384	645.902	0.370	1.550	3.494	0.529	2.476	1.872	0.649	3.047	1.592
114	34.482	500.824	599.389	0.349	1.564	3.043	0.530	2.473	1.895	0.647	3.041	1.562
115	42.667	510.431	630.019	0.372	1.457	3.370	0.508	2.420	1.628	0.631	2.996	1.424
116	30.543	436.822	628.853	0.571	1.554	4.811	0.538	2.504	1.968	0.669	3.053	1.804
117	28.508	478.608	657.652	0.685	1.579	4.768	0.544	2.518	1.994	0.743	3.043	2.227
118	29.744	419.955	652.986	0.999	1.547	6.355	0.548	2.504	2.085	0.666	3.064	1.765
119	61.275	469.771	627.773	0.299	1.340	2.950	0.492	2.334	1.587	0.612	2.936	1.230
120	36.312	479.785	629.896	0.336	1.565	2.731	0.520	2.461	1.739	0.638	3.028	1.453
121	31.252	482.740	638.867	0.460	1.561	4.040	0.532	2.492	1.882	0.652	3.057	1.610
122	26.626	531.962	666.602	0.980	1.589	5.253	0.767	2.487	3.112	0.711	3.069	1.973
123	38.426	450.019	638.400	0.377	1.497	3.632	0.526	2.438	1.863	0.636	3.023	1.435
124	35.971	460.098	614.180	0.344	1.555	3.020	0.521	2.475	1.719	0.642	3.031	1.527
125	29.899	491.149	691.139	0.976	1.540	6.381	0.613	2.481	2.512	0.658	3.076	1.621

126	37.640	453.814	664.610	0.348	1.524	3.083	0.523	2.445	1.799	0.646	3.015	1.588
127	32.500	442.125	662.715	0.358	1.595	3.075	0.530	2.485	1.869	0.646	3.053	1.531
128	36.640	477.164	664.264	0.342	1.538	2.979	0.521	2.454	1.762	0.640	3.029	1.469
129	37.904	446.932	652.736	0.340	1.530	2.996	0.519	2.449	1.756	0.639	3.016	1.499
130	35.257	429.752	658.649	0.347	1.563	3.028	0.527	2.483	1.794	0.643	3.033	1.531
131	27.313	452.150	710.598	1.087	1.582	5.665	0.880	2.475	3.528	0.838	3.046	2.571
132	37.586	512.655	635.131	0.350	1.516	3.099	0.525	2.454	1.779	0.638	3.021	1.452
133	38.863	472.819	660.853	0.336	1.517	2.951	0.516	2.441	1.724	0.634	3.014	1.409
134	51.510	491.283	630.291	0.308	1.419	2.810	0.501	2.379	1.618	0.625	2.968	1.378
135	53.719	486.346	639.313	0.321	1.388	3.098	0.502	2.364	1.659	0.623	2.951	1.401
136	27.224	479.198	715.601	0.953	1.583	5.550	0.942	2.482	3.627	0.918	3.048	2.837
137	35.219	458.187	673.318	0.364	1.541	3.232	0.533	2.467	1.865	0.642	3.045	1.449
138	29.219	518.937	664.406	1.285	1.543	7.078	0.541	2.526	1.863	0.673	3.056	1.783
139	35.664	473.668	706.518	0.348	1.552	2.913	0.528	2.468	1.786	0.640	3.033	1.451
140	31.510	441.948	695.527	0.365	1.606	3.092	0.538	2.490	1.949	0.658	3.048	1.689
141	38.963	444.880	651.534	0.339	1.523	2.954	0.519	2.442	1.768	0.637	3.012	1.475
142	37.168	457.636	671.316	0.338	1.539	2.925	0.517	2.453	1.710	0.638	3.030	1.448
143	45.406	486.547	642.231	0.355	1.439	3.337	0.506	2.404	1.638	0.626	2.991	1.342
144	50.712	474.478	657.669	0.312	1.421	2.878	0.503	2.391	1.609	0.621	2.971	1.299
145	35.521	518.783	708.794	0.382	1.515	3.525	0.528	2.452	1.809	0.637	3.033	1.390
146	44.744	492.984	695.861	0.328	1.458	2.905	0.507	2.414	1.575	0.627	2.994	1.317
147	30.535	438.979	602.201	1.040	1.535	6.701	0.542	2.501	2.021	0.660	3.062	1.723
148	60.327	522.024	679.125	0.297	1.359	2.831	0.494	2.347	1.567	0.613	2.944	1.230
149	32.327	462.647	623.176	0.588	1.524	5.029	0.589	2.466	2.310	0.704	3.031	2.002
150	29.144	478.978	654.662	0.568	1.576	4.482	0.651	2.483	2.654	0.657	3.069	1.658
151	31.130	479.608	673.533	0.488	1.557	4.178	0.538	2.491	1.925	0.656	3.067	1.608
152	48.149	477.683	637.372	0.317	1.446	2.821	0.505	2.392	1.649	0.624	2.982	1.321
153	34.059	462.158	637.830	0.359	1.563	3.184	0.531	2.468	1.898	0.641	3.042	1.488
154	31.556	464.059	664.090	0.362	1.601	3.108	0.532	2.491	1.881	0.648	3.065	1.524
155	33.983	458.596	661.939	0.350	1.581	2.919	0.529	2.473	1.846	0.657	3.037	1.688
156	32.594	533.431	720.432	0.353	1.578	2.916	0.528	2.483	1.750	0.645	3.051	1.457
157	39.765	467.652	632.195	0.342	1.506	3.046	0.519	2.434	1.768	0.638	3.015	1.462
158	45.487	438.230	634.001	0.319	1.473	2.838	0.509	2.412	1.697	0.631	2.985	1.466
159	33.385	446.337	626.396	0.355	1.582	3.117	0.531	2.489	1.870	0.650	3.047	1.611
160	45.104	458.206	670.908	0.321	1.464	2.906	0.506	2.410	1.630	0.627	2.988	1.389
161	30.062	487.443	668.948	0.915	1.540	6.025	0.538	2.502	1.908	0.653	3.077	1.554
162	33.450	431.085	664.827	0.500	1.538	4.046	0.533	2.475	1.908	0.648	3.045	1.570
163	29.896	475.439	657.547	1.941	1.525	8.899	0.630	2.470	2.577	0.658	3.064	1.663
164	43.511	459.699	690.864	0.405	1.451	3.440	0.511	2.414	1.689	0.632	2.991	1.442
165	37.823	446.960	642.971	0.342	1.532	3.014	0.521	2.450	1.777	0.639	3.026	1.473
166	34.176	443.958	649.280	0.350	1.574	3.031	0.526	2.476	1.829	0.645	3.039	1.548
167	27.941	463.021	672.484	1.003	1.575	5.501	0.947	2.482	3.667	0.795	3.044	2.411
168	32.770	434.915	689.042	0.658	1.521	4.873	0.536	2.478	1.938	0.647	3.058	1.519
169	34.549	428.232	628.469	0.353	1.570	3.109	0.528	2.471	1.872	0.646	3.040	1.572

170	32.650	453.284	623.982	0.356	1.595	3.093	0.529	2.485	1.885	0.648	3.054	1.569
171	38.801	465.630	656.269	0.336	1.516	2.978	0.516	2.440	1.742	0.634	3.018	1.410
172	34.623	507.299	637.584	0.346	1.561	2.964	0.524	2.469	1.778	0.643	3.035	1.505
173	30.554	482.466	677.090	0.646	1.549	4.761	0.538	2.517	1.859	0.683	3.044	1.819
174	31.585	441.080	632.342	0.370	1.596	3.267	0.541	2.506	1.952	0.654	3.055	1.649
175	37.837	453.388	652.031	0.339	1.528	3.012	0.519	2.448	1.778	0.638	3.016	1.493
176	38.211	475.269	652.561	0.336	1.525	2.937	0.516	2.448	1.692	0.635	3.021	1.418
177	27.344	459.877	710.648	1.328	1.574	6.952	0.859	2.491	3.408	0.776	3.057	2.290
178	36.326	442.761	647.228	0.381	1.517	3.641	0.530	2.460	1.864	0.641	3.031	1.490
179	30.262	480.024	609.884	0.366	1.621	3.143	0.535	2.502	1.923	0.757	3.029	2.285
180	45.999	466.313	652.359	0.414	1.423	3.837	0.507	2.400	1.689	0.627	2.984	1.390
181	23.376	463.172	696.985	8.101	1.615	17.468	17.463	2.492	23.049	1.334	3.070	3.915
182	34.436	459.953	648.256	0.381	1.541	3.440	0.541	2.460	1.990	0.650	3.034	1.611
183	28.531	497.085	698.929	0.699	1.569	4.966	0.662	2.490	2.581	0.736	3.054	2.110
184	28.094	433.159	654.597	2.776	1.542	10.539	0.631	2.500	2.554	0.722	3.062	2.085
185	37.415	514.697	592.673	0.346	1.522	3.108	0.518	2.453	1.718	0.636	3.025	1.431
186	47.919	472.655	649.708	0.315	1.442	2.894	0.502	2.399	1.577	0.626	2.985	1.362
187	40.520	468.071	668.120	0.534	1.451	4.394	0.517	2.434	1.737	0.632	3.014	1.374
188	45.448	422.463	658.163	0.445	1.432	3.791	0.510	2.413	1.701	0.631	2.989	1.456
189	31.285	437.876	645.592	0.447	1.568	4.003	0.535	2.497	1.932	0.648	3.061	1.564
190	32.965	461.495	686.181	0.357	1.585	3.059	0.530	2.481	1.854	0.650	3.046	1.593
191	25.102	516.967	592.817	7.181	1.586	17.159	0.825	2.493	3.454	0.800	3.078	2.431
192	45.319	488.603	695.362	0.323	1.459	2.844	0.512	2.397	1.723	0.630	2.989	1.404
193	34.185	476.829	698.396	0.354	1.567	3.008	0.528	2.473	1.801	0.642	3.041	1.460
194	27.561	477.535	623.369	1.374	1.567	7.593	0.669	2.499	2.789	0.741	3.058	2.233
195	32.305	447.812	690.187	0.567	1.522	5.024	0.536	2.483	1.932	0.647	3.057	1.527
196	48.579	450.169	701.832	0.326	1.426	3.044	0.506	2.401	1.615	0.625	2.977	1.359
197	31.111	418.125	671.468	0.709	1.539	5.174	0.543	2.497	2.008	0.658	3.074	1.640
198	36.678	504.309	658.370	0.497	1.495	4.005	0.523	2.460	1.738	0.638	3.019	1.466
199	30.113	451.511	658.730	0.686	1.550	5.042	0.641	2.469	2.641	0.656	3.070	1.629
200	36.619	454.802	651.739	0.362	1.518	3.444	0.524	2.458	1.808	0.639	3.040	1.436
201	35.203	467.526	646.081	0.387	1.533	3.379	0.523	2.464	1.791	0.642	3.030	1.520
202	27.887	492.373	603.785	1.004	1.572	6.075	0.691	2.486	2.891	0.658	3.081	1.658
203	35.231	436.703	670.006	0.356	1.547	3.195	0.530	2.471	1.872	0.645	3.042	1.541
204	42.321	493.216	650.683	0.326	1.486	2.873	0.511	2.421	1.671	0.631	3.006	1.378
205	40.989	478.157	614.019	0.331	1.499	2.963	0.514	2.433	1.714	0.632	3.011	1.395
206	36.554	437.586	628.663	0.343	1.548	3.036	0.521	2.456	1.813	0.638	3.029	1.475
207	37.570	505.406	743.299	0.334	1.526	2.819	0.514	2.448	1.617	0.635	3.019	1.409
208	27.258	440.647	685.445	1.341	1.579	6.359	0.674	2.511	2.713	0.864	3.056	2.707
209	28.628	461.733	632.151	2.145	1.537	9.546	0.891	2.459	3.581	0.902	3.031	2.834
210	32.973	448.225	667.058	0.362	1.577	3.183	0.534	2.481	1.908	0.647	3.049	1.553
211	40.144	485.861	729.651	0.331	1.502	2.852	0.515	2.441	1.649	0.633	3.012	1.383
212	26.161	486.774	646.152	3.317	1.570	11.384	0.847	2.487	3.475	0.803	3.071	2.439
213	33.207	454.501	572.212	0.402	1.550	3.905	0.539	2.473	2.029	0.651	3.046	1.650

214	29.756	473.183	659.875	0.551	1.572	4.402	0.537	2.510	1.921	0.754	3.048	2.235
215	24.440	512.101	659.460	9.432	1.597	17.274	1.264	2.490	4.358	2.255	3.048	5.763
216	39.017	441.775	706.262	0.356	1.497	3.238	0.526	2.437	1.834	0.639	3.020	1.479
217	39.061	422.922	655.905	0.337	1.523	2.981	0.516	2.449	1.699	0.639	3.010	1.516
218	36.336	480.146	706.811	0.341	1.546	2.905	0.517	2.463	1.651	0.637	3.029	1.419
219	54.861	461.100	674.598	0.306	1.400	2.806	0.499	2.369	1.591	0.619	2.965	1.273
220	38.990	440.027	596.408	0.362	1.502	3.405	0.532	2.436	1.949	0.649	3.003	1.686
221	43.354	474.273	698.547	0.452	1.435	4.010	0.508	2.413	1.661	0.626	2.995	1.341
222	45.080	475.397	578.228	0.325	1.465	2.986	0.509	2.410	1.698	0.630	2.996	1.406
223	25.817	449.020	646.274	6.949	1.575	17.039	2.480	2.469	6.977	0.992	3.056	3.162
224	42.227	471.509	627.733	0.336	1.478	3.111	0.516	2.419	1.784	0.631	2.998	1.430
225	32.414	472.015	643.090	0.356	1.592	3.064	0.531	2.487	1.864	0.650	3.060	1.564
226	36.188	452.300	635.545	0.346	1.546	3.062	0.524	2.459	1.817	0.643	3.034	1.521
227	22.655	479.295	692.722	8.477	1.627	17.604	5.336	2.504	9.494	6.094	3.066	11.123
228	35.933	522.369	639.403	0.373	1.519	3.339	0.537	2.449	1.916	0.646	3.025	1.550
229	39.677	475.640	705.670	0.334	1.508	2.892	0.515	2.436	1.687	0.635	3.017	1.409
230	42.040	481.986	684.733	0.328	1.487	2.863	0.509	2.427	1.582	0.629	2.998	1.362
231	43.741	506.038	738.523	0.323	1.470	2.776	0.507	2.410	1.597	0.629	2.992	1.355
232	36.991	448.321	638.549	0.344	1.548	2.917	0.525	2.453	1.813	0.640	3.028	1.466
233	42.613	454.915	677.643	0.325	1.485	2.899	0.509	2.423	1.649	0.633	2.998	1.453
234	30.339	513.797	721.565	0.708	1.539	5.390	0.555	2.487	2.022	0.673	3.045	1.771
235	44.914	423.941	701.392	0.330	1.461	3.011	0.511	2.406	1.712	0.630	2.987	1.414
236	37.009	518.183	677.894	0.341	1.529	2.921	0.521	2.462	1.693	0.638	3.021	1.445
237	25.197	454.623	652.387	3.126	1.586	9.994	0.903	2.509	3.406	80.537	3.045	55.086
238	37.840	490.998	642.054	0.350	1.513	3.162	0.525	2.440	1.836	0.635	3.023	1.413
239	47.659	450.694	622.060	0.313	1.460	2.746	0.506	2.402	1.668	0.626	2.977	1.401
240	30.925	471.040	658.108	0.366	1.603	3.170	0.536	2.492	1.930	0.653	3.054	1.632
241	52.647	463.346	698.430	0.309	1.408	2.861	0.499	2.373	1.594	0.619	2.965	1.283
242	34.619	472.399	617.453	0.376	1.542	3.410	0.541	2.460	1.996	0.651	3.041	1.602
243	30.693	482.496	650.353	0.876	1.534	6.085	0.534	2.499	1.890	0.695	3.044	1.943
244	27.574	452.171	589.775	1.651	1.569	7.348	0.714	2.484	3.001	0.740	3.057	2.211
245	39.405	512.273	688.180	0.335	1.500	2.973	0.516	2.431	1.724	0.632	3.007	1.402
246	30.524	462.795	700.844	0.369	1.615	3.099	0.540	2.516	1.870	0.654	3.072	1.558
247	31.531	460.148	624.322	0.371	1.594	3.259	0.538	2.490	1.959	0.655	3.050	1.670
248	46.902	449.006	618.725	0.324	1.442	3.088	0.506	2.399	1.698	0.625	2.985	1.365
249	48.996	407.853	632.239	0.315	1.445	2.934	0.507	2.391	1.748	0.626	2.978	1.417
250	38.894	448.131	662.848	0.340	1.513	3.073	0.518	2.439	1.777	0.637	3.010	1.504
251	50.038	461.936	643.293	0.313	1.425	2.917	0.502	2.384	1.642	0.621	2.970	1.322
252	31.071	452.556	612.947	0.376	1.593	3.393	0.543	2.490	2.042	0.654	3.057	1.668
253	41.001	468.962	662.473	0.330	1.496	2.953	0.514	2.435	1.708	0.634	3.002	1.471
254	41.206	484.197	698.002	0.327	1.495	2.835	0.510	2.431	1.604	0.630	3.002	1.361
255	35.679	475.925	622.711	0.414	1.520	3.686	0.524	2.463	1.798	0.641	3.036	1.474
256	37.470	473.955	745.292	0.338	1.530	2.889	0.518	2.449	1.705	0.641	3.027	1.470
257	35.907	480.119	687.751	0.347	1.546	2.953	0.527	2.455	1.837	0.647	3.029	1.541

258	39.214	454.637	705.189	0.336	1.513	2.930	0.517	2.443	1.702	0.635	3.023	1.389
259	23.316	459.077	668.692	8.376	1.616	16.520	13.602	2.493	20.567	2.256	3.058	5.873
260	35.015	487.653	656.360	0.376	1.538	3.247	0.570	2.442	2.204	0.647	3.030	1.571
261	32.257	457.901	650.696	0.385	1.573	3.442	0.533	2.490	1.883	0.654	3.068	1.583
262	31.533	487.510	649.128	0.556	1.546	4.381	0.534	2.491	1.882	0.647	3.055	1.533
263	35.150	451.623	644.504	0.352	1.554	3.107	0.527	2.466	1.842	0.643	3.036	1.524
264	43.453	480.168	716.017	0.323	1.474	2.841	0.509	2.425	1.590	0.629	2.993	1.375
265	41.392	460.485	694.346	0.332	1.494	2.911	0.513	2.427	1.680	0.632	3.009	1.371
266	58.116	476.362	621.584	0.297	1.396	2.628	0.494	2.357	1.555	0.616	2.947	1.279
267	35.362	459.781	665.409	0.416	1.521	3.749	0.559	2.441	2.142	0.660	3.017	1.713
268	35.988	500.212	698.141	0.342	1.543	2.896	0.521	2.461	1.718	0.641	3.023	1.488
269	37.238	495.047	638.993	0.343	1.531	2.983	0.520	2.450	1.746	0.641	3.031	1.466
270	25.802	434.535	644.438	7.784	1.575	17.042	2.618	2.469	7.239	1.197	3.054	3.708
271	41.015	497.114	648.075	0.338	1.485	3.074	0.517	2.426	1.759	0.632	3.012	1.385
272	30.321	495.910	661.146	1.001	1.534	6.461	0.538	2.512	1.867	0.725	3.046	2.073
273	34.830	510.076	694.652	0.352	1.550	3.010	0.525	2.469	1.743	0.646	3.033	1.527
274	27.301	447.438	629.035	1.064	1.581	6.077	0.864	2.479	3.553	0.914	3.049	2.898
275	33.589	435.595	667.998	0.355	1.582	3.031	0.533	2.473	1.920	0.649	3.045	1.595
276	44.388	500.790	648.007	0.333	1.455	3.067	0.508	2.410	1.648	0.627	2.993	1.339
277	33.398	466.544	674.936	0.355	1.575	3.046	0.528	2.476	1.829	0.643	3.044	1.485
278	37.820	485.250	669.708	0.340	1.523	2.964	0.519	2.449	1.723	0.638	3.017	1.459
279	38.902	482.416	675.143	0.336	1.516	2.925	0.517	2.445	1.695	0.636	3.015	1.442
280	36.054	489.523	667.657	0.344	1.545	2.955	0.521	2.459	1.745	0.640	3.031	1.452
281	44.371	465.894	673.633	0.323	1.470	2.881	0.508	2.410	1.661	0.629	2.992	1.387
282	31.948	467.236	676.994	0.361	1.593	3.077	0.533	2.487	1.868	0.654	3.056	1.607
283	41.946	430.975	678.362	0.332	1.493	2.969	0.515	2.432	1.719	0.633	3.008	1.423
284	33.074	515.510	681.064	0.351	1.576	2.945	0.528	2.490	1.744	0.643	3.048	1.456
285	40.560	486.121	655.389	0.335	1.498	2.959	0.516	2.429	1.720	0.637	3.004	1.479
286	23.954	487.968	667.277	8.954	1.605	17.475	2.139	2.489	6.296	1.082	3.075	3.221
287	36.437	482.349	632.614	0.364	1.521	3.309	0.533	2.445	1.923	0.644	3.032	1.533
288	43.446	485.465	643.978	0.456	1.434	4.100	0.508	2.422	1.600	0.630	2.997	1.396
289	27.050	498.881	678.109	2.036	1.568	8.284	0.688	2.485	2.755	0.800	3.054	2.409
290	36.585	460.748	697.006	0.378	1.511	3.555	0.528	2.450	1.839	0.637	3.026	1.427
291	37.328	489.642	600.961	0.342	1.536	3.001	0.522	2.463	1.757	0.637	3.023	1.454
292	25.639	481.027	627.667	6.964	1.578	17.069	0.967	2.497	3.816	0.943	3.054	2.823
293	40.344	439.455	697.425	0.418	1.473	3.723	0.520	2.429	1.796	0.636	3.007	1.480
294	33.136	471.756	656.768	0.363	1.556	3.342	0.528	2.478	1.822	0.649	3.042	1.581
295	29.584	433.363	669.858	0.613	1.571	4.654	0.703	2.460	3.033	0.657	3.074	1.652
296	41.488	473.189	628.523	0.333	1.491	3.008	0.515	2.425	1.743	0.630	3.002	1.397
297	40.813	454.832	679.784	0.330	1.501	2.922	0.513	2.431	1.701	0.636	3.005	1.473
298	34.224	438.595	643.546	0.351	1.575	3.042	0.527	2.475	1.840	0.649	3.040	1.602
299	31.011	477.699	697.851	0.696	1.535	5.054	0.533	2.495	1.861	0.653	3.059	1.602
300	46.856	450.795	674.046	0.324	1.445	2.987	0.508	2.399	1.674	0.625	2.982	1.345
301	39.666	491.697	699.333	0.336	1.503	2.926	0.516	2.433	1.706	0.632	3.012	1.365

302	52.776	474.314	660.655	0.309	1.408	2.832	0.498	2.378	1.532	0.622	2.959	1.356
303	31.439	485.879	609.511	0.481	1.549	4.459	0.552	2.487	2.074	0.658	3.047	1.697
304	34.501	456.888	694.337	0.352	1.565	3.051	0.526	2.469	1.824	0.645	3.041	1.533
305	34.492	462.937	635.823	0.352	1.563	3.063	0.529	2.484	1.805	0.649	3.035	1.597
306	26.116	409.047	709.279	1.610	1.591	7.291	0.833	2.503	3.464	2.299	3.038	5.886
307	47.908	458.138	676.393	0.323	1.434	3.003	0.508	2.395	1.680	0.626	2.981	1.365
308	31.003	498.063	656.846	0.370	1.591	3.196	0.539	2.489	1.931	0.651	3.063	1.557
309	46.026	491.251	636.234	0.320	1.458	2.822	0.508	2.400	1.671	0.625	2.983	1.340
310	26.702	504.065	676.382	5.049	1.562	13.846	0.921	2.485	3.599	0.805	3.064	2.402
311	48.468	441.091	677.213	0.325	1.429	3.053	0.509	2.394	1.702	0.624	2.979	1.335
312	33.755	477.654	651.090	0.358	1.565	3.128	0.530	2.474	1.854	0.649	3.050	1.558
313	40.529	391.560	668.572	0.332	1.520	2.908	0.515	2.436	1.747	0.637	3.008	1.516
314	36.004	474.377	693.634	0.341	1.548	2.917	0.519	2.465	1.680	0.640	3.032	1.465
315	33.644	475.048	645.734	0.354	1.574	3.039	0.528	2.477	1.824	0.646	3.040	1.548
316	39.433	443.969	710.415	0.335	1.512	2.936	0.516	2.437	1.722	0.633	3.012	1.398
317	48.667	511.303	675.613	0.316	1.432	2.810	0.505	2.394	1.592	0.622	2.973	1.285
318	40.998	445.731	693.756	0.340	1.490	3.059	0.517	2.426	1.752	0.634	3.012	1.405
319	38.481	457.147	705.467	0.337	1.529	2.821	0.517	2.444	1.717	0.637	3.016	1.455
320	43.658	510.253	646.996	0.415	1.438	3.747	0.509	2.423	1.595	0.627	2.992	1.344
321	39.097	488.761	644.617	0.335	1.515	2.933	0.517	2.442	1.718	0.637	3.013	1.473
322	29.750	494.890	700.629	0.894	1.546	5.537	0.540	2.525	1.844	0.712	3.059	1.956
323	27.401	496.529	676.062	1.670	1.563	8.217	0.663	2.490	2.628	0.759	3.061	2.194
324	34.709	494.951	626.793	0.361	1.547	3.203	0.533	2.471	1.876	0.643	3.037	1.512
325	43.238	457.761	711.818	0.383	1.454	3.341	0.508	2.413	1.653	0.629	3.003	1.343
326	33.805	479.422	711.254	0.355	1.570	2.990	0.528	2.476	1.789	0.648	3.042	1.532
327	26.663	515.828	614.357	1.058	1.593	5.591	0.676	2.492	2.783	0.734	3.065	2.188
328	26.268	475.140	644.483	0.951	1.599	5.469	0.752	2.495	3.149	0.904	3.061	2.863
329	31.542	452.268	697.318	0.581	1.546	4.500	0.802	2.454	3.156	0.866	3.013	2.643
330	28.771	467.806	593.028	3.745	1.533	13.316	0.548	2.514	2.069	0.664	3.069	1.762
331	37.776	481.325	675.671	0.341	1.518	3.033	0.520	2.451	1.751	0.635	3.032	1.389
332	31.295	495.397	657.293	0.361	1.599	3.060	0.533	2.494	1.850	0.655	3.056	1.619
333	35.042	451.806	647.700	0.368	1.535	3.469	0.528	2.469	1.845	0.642	3.037	1.497
334	24.492	484.521	628.736	8.937	1.596	17.302	2.911	2.481	7.643	0.816	3.083	2.540
335	32.223	455.185	700.981	0.878	1.514	6.192	0.545	2.480	1.999	0.653	3.051	1.611
336	43.335	419.701	701.600	0.329	1.478	2.974	0.514	2.428	1.692	0.630	3.003	1.375
337	42.416	437.319	649.509	0.325	1.505	2.761	0.514	2.438	1.673	0.636	3.000	1.487
338	35.047	460.517	636.911	0.585	1.504	4.546	0.524	2.465	1.815	0.644	3.037	1.533
339	35.398	454.219	648.867	0.347	1.555	3.043	0.523	2.463	1.806	0.642	3.034	1.515
340	36.906	489.760	664.846	0.341	1.535	2.952	0.520	2.456	1.731	0.639	3.027	1.458
341	39.085	458.799	615.480	0.337	1.520	2.998	0.518	2.443	1.763	0.638	3.014	1.499
342	38.013	475.479	585.673	0.410	1.498	3.753	0.518	2.449	1.773	0.640	3.023	1.528
343	33.046	444.520	599.752	0.353	1.592	3.100	0.528	2.488	1.866	0.646	3.050	1.574
344	40.559	467.707	646.677	0.330	1.503	2.959	0.514	2.436	1.717	0.635	3.007	1.483
345	32.327	456.089	737.606	0.355	1.595	2.976	0.529	2.487	1.812	0.647	3.065	1.476

346	28.469	461.873	689.955	0.984	1.564	5.940	0.658	2.477	2.682	0.898	3.048	2.758
347	29.287	468.105	690.683	0.967	1.550	6.247	0.741	2.473	3.000	0.748	3.042	2.212
348	40.425	440.420	636.689	0.341	1.499	3.104	0.518	2.429	1.793	0.639	3.012	1.506
349	32.213	471.270	698.318	0.355	1.598	2.973	0.527	2.492	1.770	0.650	3.066	1.525
350	41.815	474.417	640.051	0.333	1.488	2.974	0.515	2.430	1.702	0.633	2.998	1.434
351	38.412	431.509	671.939	0.424	1.490	3.857	0.519	2.447	1.766	0.640	3.023	1.508
352	26.362	492.845	679.844	7.540	1.567	16.951	0.649	2.504	2.650	0.780	3.060	2.351
353	33.723	493.031	655.146	0.368	1.552	3.260	0.537	2.476	1.894	0.648	3.038	1.573
354	28.703	467.910	695.683	1.664	1.543	8.444	0.686	2.474	2.775	0.723	3.063	2.045
355	49.943	487.178	646.447	0.319	1.421	2.954	0.506	2.394	1.623	0.622	2.970	1.328
356	37.506	466.230	673.110	0.349	1.521	3.114	0.523	2.443	1.813	0.639	3.032	1.444
357	46.432	495.984	627.492	0.327	1.442	3.030	0.505	2.403	1.609	0.624	2.982	1.337
358	35.736	431.808	635.068	0.807	1.484	5.605	0.526	2.462	1.863	0.644	3.028	1.579
359	30.104	425.347	685.719	0.884	1.543	6.079	0.538	2.508	1.943	0.666	3.063	1.742
360	49.579	470.425	683.259	0.315	1.429	2.877	0.504	2.394	1.608	0.622	2.973	1.302
361	40.440	478.352	631.695	0.343	1.492	3.117	0.520	2.437	1.768	0.633	3.014	1.407
362	30.756	460.581	657.931	0.417	1.582	3.616	0.591	2.475	2.286	0.655	3.054	1.660
363	26.610	442.523	683.656	3.207	1.563	10.700	1.417	2.472	4.689	0.798	3.059	2.455
364	26.947	452.856	649.292	1.746	1.573	7.943	0.679	2.503	2.815	0.880	3.056	2.785
365	31.899	501.845	681.277	0.360	1.593	2.984	0.537	2.487	1.889	0.651	3.057	1.563
366	41.441	485.039	618.482	0.334	1.490	3.005	0.514	2.425	1.726	0.631	3.007	1.389
367	32.845	478.708	674.306	0.355	1.583	3.034	0.529	2.482	1.825	0.643	3.049	1.486
368	40.744	460.659	684.777	0.333	1.499	2.937	0.517	2.443	1.689	0.636	3.015	1.430
369	52.705	506.667	635.456	0.316	1.398	2.964	0.500	2.377	1.573	0.619	2.963	1.277
370	35.470	461.714	636.778	0.371	1.531	3.388	0.540	2.466	1.951	0.649	3.035	1.592
371	44.339	467.267	664.593	0.319	1.478	2.767	0.508	2.411	1.668	0.629	2.997	1.367
372	33.331	474.040	705.667	0.371	1.553	3.391	0.527	2.480	1.770	0.650	3.052	1.555
373	24.930	498.732	622.776	7.192	1.589	17.189	1.043	2.504	4.017	0.885	3.075	2.821
374	36.373	468.207	652.378	0.358	1.526	3.239	0.530	2.450	1.891	0.642	3.024	1.535
375	27.670	484.509	658.858	4.815	1.548	14.385	0.654	2.502	2.591	0.760	3.049	2.239
376	26.277	489.486	628.257	1.411	1.589	6.932	0.931	2.486	3.582	0.921	3.045	3.010
377	35.813	463.600	611.965	0.359	1.535	3.281	0.532	2.467	1.894	0.639	3.035	1.476
378	29.128	443.626	659.956	1.206	1.550	6.882	0.670	2.491	2.761	0.730	3.049	2.166
379	38.353	507.616	593.979	0.342	1.516	3.070	0.520	2.440	1.790	0.640	3.026	1.479
380	41.548	525.178	681.186	0.324	1.488	2.821	0.510	2.423	1.649	0.630	3.000	1.374
381	37.917	486.047	633.686	0.341	1.526	2.976	0.519	2.444	1.757	0.637	3.024	1.427
382	40.537	476.917	617.562	0.498	1.462	4.082	0.514	2.431	1.730	0.632	3.010	1.408
383	38.720	523.419	640.319	0.334	1.514	2.911	0.513	2.442	1.655	0.634	3.021	1.389
384	34.613	441.166	640.895	0.361	1.544	3.391	0.526	2.468	1.842	0.645	3.037	1.549
385	35.977	450.122	687.051	0.343	1.549	2.972	0.522	2.461	1.773	0.638	3.030	1.448
386	28.464	443.295	628.485	3.392	1.537	11.630	0.616	2.501	2.507	0.771	3.047	2.384
387	31.738	492.960	706.077	0.366	1.587	3.146	0.535	2.494	1.864	0.648	3.066	1.491
388	25.313	459.878	641.908	7.111	1.583	17.124	1.121	2.501	3.977	1.383	3.047	4.004
389	32.450	461.569	711.553	0.363	1.588	3.051	0.540	2.480	1.944	0.648	3.065	1.505

390	41.252	445.588	709.535	0.333	1.494	2.934	0.514	2.428	1.696	0.633	3.000	1.431
391	26.203	489.227	688.867	7.584	1.569	16.976	0.718	2.501	2.956	0.913	3.067	2.820
392	48.598	459.106	669.179	0.325	1.428	3.040	0.510	2.393	1.697	0.625	2.976	1.368
393	27.556	492.018	702.141	1.017	1.576	5.517	0.803	2.470	3.257	0.766	3.052	2.235
394	40.502	477.611	705.838	0.342	1.490	3.041	0.518	2.426	1.741	0.638	3.009	1.458
395	41.018	480.960	627.370	0.331	1.501	2.916	0.514	2.431	1.703	0.632	3.007	1.399
396	25.532	511.061	651.197	2.440	1.584	9.398	0.735	2.511	2.972	1.266	3.039	3.696
397	41.682	496.638	674.069	0.341	1.475	3.091	0.517	2.416	1.752	0.630	2.999	1.376
398	39.150	464.544	679.103	0.336	1.514	2.923	0.517	2.444	1.707	0.636	3.013	1.450
399	47.606	433.308	592.316	0.321	1.446	3.039	0.506	2.402	1.682	0.628	2.989	1.396
400	27.717	511.780	604.861	0.914	1.574	5.920	0.760	2.477	3.140	0.707	3.058	2.027
401	31.325	470.966	624.950	0.366	1.605	3.129	0.541	2.492	1.989	0.650	3.059	1.593
402	47.262	476.549	666.292	0.315	1.451	2.784	0.505	2.398	1.639	0.624	2.987	1.314
403	26.241	478.621	712.244	1.913	1.583	7.585	0.856	2.502	3.395	0.937	3.046	2.935
404	38.840	468.505	637.934	0.350	1.507	3.163	0.524	2.435	1.834	0.636	3.020	1.420
405	39.091	482.767	673.605	0.332	1.516	2.879	0.516	2.443	1.695	0.635	3.014	1.437
406	38.389	510.395	656.144	0.332	1.528	2.765	0.517	2.455	1.645	0.638	3.028	1.423
407	29.647	437.977	698.111	1.078	1.543	6.664	0.651	2.471	2.687	0.759	3.040	2.294
408	28.578	483.709	697.981	1.010	1.559	6.094	0.656	2.496	2.591	0.854	3.050	2.595
409	26.442	479.349	662.566	7.462	1.566	16.938	0.717	2.491	2.960	1.626	3.032	4.590
410	39.212	486.632	627.314	0.346	1.502	3.142	0.522	2.436	1.811	0.635	3.009	1.458
411	40.641	492.613	659.169	0.330	1.500	2.893	0.510	2.433	1.610	0.635	3.002	1.465
412	37.562	488.665	643.938	0.341	1.529	2.975	0.518	2.447	1.744	0.636	3.025	1.423
413	36.250	469.813	657.367	0.343	1.546	2.968	0.522	2.459	1.769	0.638	3.032	1.444
414	41.775	470.754	666.581	0.328	1.492	2.891	0.511	2.423	1.684	0.630	3.004	1.370
415	32.558	469.846	649.996	0.507	1.529	4.630	0.531	2.485	1.856	0.655	3.053	1.632
416	34.636	461.922	623.884	0.351	1.564	3.080	0.526	2.469	1.843	0.645	3.044	1.531
417	35.404	420.343	669.884	0.347	1.559	3.061	0.524	2.466	1.829	0.645	3.029	1.583
418	40.313	419.819	674.156	0.330	1.519	2.837	0.513	2.437	1.701	0.633	3.014	1.417
419	23.743	460.451	667.891	10.215	1.608	17.396	2.428	2.493	6.926	1.059	3.078	3.366
420	41.941	438.352	680.646	0.344	1.474	3.193	0.520	2.416	1.817	0.634	3.000	1.469
421	42.109	467.937	674.687	0.326	1.490	2.862	0.510	2.433	1.595	0.632	3.001	1.412
422	26.216	459.960	637.545	5.895	1.569	14.679	0.918	2.493	3.712	0.962	3.050	3.071
423	40.494	488.492	633.532	0.340	1.491	3.099	0.518	2.427	1.784	0.635	3.004	1.479
424	42.157	467.144	670.914	0.326	1.488	2.889	0.510	2.426	1.641	0.629	2.999	1.376
425	30.431	492.266	641.996	0.651	1.549	4.815	0.536	2.501	1.890	0.657	3.059	1.654
426	23.326	432.833	681.614	3.393	1.615	10.546	10.390	2.493	16.783	1.291	3.086	3.639
427	38.603	472.255	642.681	0.356	1.501	3.260	0.527	2.433	1.872	0.637	3.022	1.448
428	34.164	471.952	662.574	0.348	1.570	2.970	0.523	2.477	1.746	0.646	3.041	1.539
429	38.843	467.100	644.639	0.337	1.519	2.973	0.518	2.442	1.746	0.637	3.028	1.426
430	32.092	493.361	705.956	0.355	1.594	2.967	0.530	2.498	1.780	0.647	3.064	1.471
431	43.184	469.480	631.642	0.331	1.477	2.986	0.513	2.423	1.700	0.633	2.995	1.452
432	38.182	508.458	643.073	0.338	1.518	2.975	0.516	2.441	1.717	0.639	3.018	1.472
433	34.131	451.047	656.627	0.352	1.570	3.052	0.529	2.490	1.801	0.648	3.034	1.595

434	27.644	477.129	643.960	1.094	1.575	6.273	0.813	2.471	3.336	0.756	3.051	2.240
435	27.940	486.491	674.260	1.265	1.565	6.631	0.661	2.485	2.673	0.807	3.051	2.470
436	40.199	423.852	663.169	0.342	1.501	3.110	0.520	2.433	1.808	0.640	3.017	1.502
437	39.662	517.574	640.446	0.329	1.510	2.849	0.512	2.439	1.628	0.634	3.015	1.407
438	36.487	469.579	648.935	0.344	1.542	2.999	0.522	2.457	1.775	0.638	3.028	1.449
439	40.322	480.458	726.291	0.330	1.502	2.843	0.511	2.432	1.627	0.631	3.009	1.360
440	28.272	470.783	675.421	1.425	1.556	7.508	0.726	2.473	3.044	0.727	3.058	2.069
441	35.266	435.006	672.512	0.357	1.550	3.163	0.530	2.467	1.864	0.644	3.039	1.517
442	29.080	512.588	669.586	1.294	1.545	7.112	0.703	2.462	2.864	0.654	3.082	1.551
443	31.041	494.925	668.016	0.372	1.591	3.201	0.540	2.492	1.928	0.655	3.061	1.613
444	36.328	474.828	676.539	0.347	1.538	3.020	0.523	2.452	1.785	0.638	3.032	1.431
445	32.934	476.502	631.769	0.835	1.511	5.742	0.530	2.482	1.848	0.646	3.047	1.540
446	28.485	505.811	699.470	1.114	1.560	6.143	0.615	2.495	2.400	0.832	3.034	2.539
447	30.174	517.979	752.826	0.464	1.570	3.898	0.543	2.494	1.911	0.653	3.059	1.561
448	34.078	441.802	664.518	0.506	1.531	4.001	0.535	2.468	1.911	0.647	3.054	1.492
449	34.112	453.226	672.444	0.351	1.570	3.029	0.527	2.474	1.818	0.642	3.040	1.487
450	37.989	489.446	711.100	0.338	1.521	2.902	0.517	2.443	1.696	0.639	3.013	1.481
451	31.301	425.897	695.068	0.368	1.609	3.151	0.539	2.510	1.897	0.658	3.052	1.681
452	35.808	493.602	696.828	0.346	1.542	2.968	0.521	2.461	1.707	0.640	3.034	1.441
453	32.619	514.427	647.463	0.372	1.556	3.405	0.529	2.480	1.814	0.652	3.051	1.578
454	28.018	455.192	661.520	2.885	1.543	10.608	0.827	2.465	3.402	0.794	3.043	2.463
455	36.608	445.971	628.157	0.352	1.535	3.182	0.527	2.461	1.848	0.640	3.031	1.489
456	32.297	450.599	632.685	0.592	1.533	4.683	0.530	2.489	1.876	0.649	3.053	1.591
457	24.337	469.258	638.308	2.134	1.599	8.425	2.382	2.487	6.833	0.975	3.074	2.954
458	42.828	426.350	629.604	0.341	1.470	3.232	0.518	2.413	1.836	0.631	2.995	1.450
459	45.909	485.811	649.054	0.321	1.451	2.951	0.506	2.403	1.651	0.626	2.985	1.376
460	51.368	456.993	640.377	0.309	1.427	2.795	0.502	2.381	1.650	0.621	2.967	1.318
461	28.804	469.318	658.609	1.939	1.540	8.790	0.567	2.495	2.273	0.774	3.052	2.337
462	37.735	474.408	690.709	0.345	1.519	3.032	0.522	2.452	1.754	0.637	3.015	1.461
463	33.146	462.497	628.426	0.357	1.583	3.079	0.530	2.479	1.862	0.652	3.060	1.579
464	38.850	469.047	688.068	0.335	1.516	2.937	0.516	2.443	1.713	0.637	3.014	1.461
465	44.804	457.821	584.901	0.324	1.471	2.975	0.509	2.410	1.717	0.631	2.997	1.436
466	43.857	477.593	640.027	0.322	1.472	2.929	0.509	2.421	1.669	0.629	2.998	1.393
467	35.440	484.807	658.812	0.345	1.552	2.977	0.523	2.464	1.770	0.639	3.033	1.446
468	31.705	462.195	692.486	0.826	1.522	5.997	0.536	2.510	1.831	0.656	3.050	1.648
469	44.297	448.665	670.895	0.327	1.469	2.964	0.510	2.412	1.691	0.630	2.993	1.410
470	37.100	498.535	639.232	0.341	1.533	2.976	0.519	2.448	1.757	0.644	3.014	1.576
471	37.725	461.786	673.940	0.564	1.477	4.439	0.518	2.447	1.743	0.635	3.022	1.420
472	33.041	475.073	671.241	0.355	1.581	3.017	0.528	2.482	1.811	0.648	3.053	1.532
473	29.715	463.878	655.516	1.045	1.544	6.544	0.541	2.506	1.965	0.821	3.028	2.529
474	35.926	484.134	645.754	0.348	1.542	3.060	0.524	2.456	1.810	0.638	3.030	1.448
475	28.387	471.335	650.484	2.096	1.548	8.494	0.748	2.475	3.094	0.904	3.033	2.828
476	33.043	448.889	664.431	0.399	1.550	3.776	0.534	2.480	1.911	0.648	3.051	1.553
477	24.866	469.875	659.649	2.164	1.600	8.586	2.925	2.476	7.666	0.845	3.077	2.659

478	39.517	509.391	707.190	0.346	1.492	3.068	0.522	2.436	1.744	0.633	3.010	1.395
479	37.768	473.714	648.551	0.341	1.530	2.957	0.520	2.449	1.742	0.644	3.024	1.523
480	35.343	469.105	658.892	0.345	1.556	2.981	0.521	2.466	1.739	0.644	3.046	1.487
481	23.834	464.823	678.042	9.884	1.607	17.382	2.857	2.491	7.618	73.530	3.056	55.011
482	38.626	475.789	597.682	0.358	1.503	3.316	0.529	2.439	1.893	0.640	3.017	1.526
483	30.538	454.586	688.823	1.199	1.531	6.719	0.660	2.472	2.678	0.681	3.060	1.833
484	45.066	532.437	664.206	0.323	1.455	2.861	0.507	2.405	1.618	0.627	2.984	1.355
485	32.663	499.065	638.951	0.487	1.547	3.822	0.532	2.482	1.855	0.646	3.046	1.519
486	37.347	493.062	700.255	0.341	1.527	2.941	0.520	2.453	1.715	0.636	3.030	1.385
487	30.429	416.466	653.080	0.736	1.547	5.326	0.542	2.507	1.996	0.658	3.069	1.666
488	41.796	477.882	666.188	0.330	1.487	2.951	0.512	2.421	1.700	0.631	2.999	1.413
489	29.313	457.297	644.378	0.748	1.558	5.430	0.542	2.527	1.937	0.765	3.044	2.344
490	38.912	472.145	703.367	0.340	1.511	2.995	0.518	2.443	1.724	0.635	3.023	1.397
491	33.798	499.048	631.088	0.352	1.570	3.015	0.527	2.473	1.806	0.645	3.045	1.508
492	36.911	462.242	654.397	0.343	1.538	3.017	0.521	2.453	1.782	0.642	3.023	1.528
493	36.490	475.946	659.310	0.341	1.543	2.948	0.520	2.454	1.752	0.637	3.028	1.437
494	36.107	479.992	618.835	0.344	1.548	3.008	0.522	2.461	1.785	0.639	3.033	1.461
495	38.625	515.228	655.318	0.333	1.516	2.886	0.513	2.445	1.637	0.633	3.018	1.382
496	31.484	484.628	663.890	0.615	1.533	4.871	0.533	2.493	1.853	0.650	3.067	1.527
497	38.277	410.088	639.355	0.345	1.525	3.132	0.523	2.452	1.824	0.640	3.025	1.510
498	46.261	469.524	635.177	0.320	1.453	2.950	0.508	2.406	1.672	0.628	2.984	1.417
499	47.062	444.971	622.810	0.394	1.419	3.763	0.507	2.397	1.709	0.624	2.981	1.364
500	43.481	449.772	641.701	0.590	1.422	4.685	0.511	2.422	1.709	0.629	3.004	1.368
501	39.136	520.723	643.955	0.445	1.479	3.756	0.515	2.439	1.693	0.633	3.019	1.376
502	34.920	529.057	653.037	0.346	1.553	2.948	0.529	2.464	1.844	0.641	3.046	1.420
503	33.469	507.987	669.945	0.353	1.570	2.997	0.527	2.472	1.799	0.647	3.039	1.543
504	39.421	522.290	660.247	0.336	1.504	2.921	0.515	2.432	1.695	0.637	3.011	1.443
505	32.566	478.555	592.633	0.359	1.591	3.120	0.533	2.493	1.885	0.650	3.050	1.594
506	41.718	468.553	725.006	0.524	1.441	4.286	0.511	2.422	1.672	0.628	3.000	1.353
507	35.225	394.798	647.693	0.356	1.569	3.144	0.529	2.472	1.884	0.649	3.051	1.568
508	35.312	456.663	626.718	0.344	1.562	3.009	0.525	2.478	1.792	0.644	3.034	1.552
509	28.933	478.373	627.785	2.290	1.533	9.594	0.543	2.533	1.938	0.706	3.073	1.944
510	51.835	463.702	617.226	0.314	1.409	3.018	0.503	2.381	1.665	0.622	2.968	1.357
512	37.720	447.192	678.087	0.405	1.503	3.515	0.533	2.438	1.925	0.643	3.013	1.559
513	35.103	459.262	654.215	0.347	1.561	2.988	0.523	2.465	1.793	0.647	3.038	1.559
514	32.245	439.258	634.336	0.591	1.529	4.895	0.533	2.488	1.912	0.648	3.058	1.551
515	32.238	477.414	643.590	0.358	1.592	3.079	0.531	2.485	1.870	0.655	3.049	1.668
516	37.588	509.861	648.371	0.341	1.524	2.979	0.517	2.444	1.726	0.636	3.023	1.405
517	44.889	431.236	675.659	0.411	1.441	3.558	0.507	2.412	1.631	0.631	2.985	1.462
518	43.061	465.859	619.405	0.326	1.483	2.950	0.513	2.430	1.694	0.632	2.998	1.431
519	33.188	459.488	617.600	0.354	1.586	3.089	0.530	2.488	1.866	0.650	3.048	1.610
520	24.535	477.895	669.688	6.026	1.595	15.659	2.561	2.484	7.073	1.714	3.051	4.771
521	44.770	504.097	705.346	0.359	1.439	3.284	0.512	2.401	1.699	0.631	2.992	1.396
522	32.242	512.707	675.370	0.361	1.582	3.046	0.532	2.482	1.832	0.652	3.047	1.588

523	28.411	435.162	674.830	1.991	1.543	9.215	0.806	2.473	3.314	0.898	3.044	2.801
524	41.476	468.125	670.118	0.334	1.488	3.001	0.515	2.426	1.727	0.630	3.006	1.372
525	38.665	497.194	674.862	0.335	1.518	2.877	0.515	2.444	1.653	0.634	3.019	1.386
526	31.770	523.296	680.438	0.358	1.586	3.004	0.531	2.487	1.806	0.656	3.056	1.579
527	39.365	517.208	655.346	0.339	1.505	2.961	0.518	2.436	1.716	0.636	3.018	1.416
528	30.526	464.885	677.600	0.937	1.536	5.966	0.537	2.503	1.903	0.657	3.058	1.657
529	28.403	464.196	666.865	1.131	1.561	6.358	0.640	2.493	2.544	0.768	3.053	2.281
530	30.274	517.490	714.237	0.583	1.552	4.620	0.542	2.509	1.887	0.653	3.076	1.526
531	38.048	457.802	705.281	0.349	1.521	3.062	0.525	2.456	1.764	0.643	3.024	1.506
532	39.261	520.547	689.575	0.333	1.509	2.831	0.514	2.436	1.641	0.633	3.012	1.368
533	29.306	487.528	698.243	3.270	1.526	12.813	0.622	2.481	2.451	0.706	3.063	1.923
534	32.128	458.936	638.474	0.371	1.583	3.268	0.541	2.501	1.925	0.653	3.052	1.620
535	31.127	460.567	691.838	0.364	1.607	3.101	0.538	2.510	1.873	0.666	3.051	1.739
536	31.039	413.530	665.838	0.548	1.560	4.484	0.542	2.500	1.997	0.659	3.060	1.702
537	34.496	457.197	660.017	0.351	1.564	3.057	0.526	2.469	1.830	0.642	3.037	1.504
538	37.422	444.499	663.540	0.341	1.535	2.992	0.520	2.453	1.767	0.639	3.019	1.489
539	41.342	463.418	640.078	0.325	1.511	2.748	0.514	2.434	1.706	0.631	3.005	1.405
540	36.294	448.852	631.130	0.345	1.548	3.045	0.522	2.461	1.802	0.645	3.032	1.554
541	30.282	433.889	644.034	0.660	1.550	5.012	0.537	2.506	1.951	0.778	3.042	2.364
542	30.630	463.534	691.871	1.581	1.519	8.368	0.673	2.469	2.721	0.656	3.079	1.586
543	45.587	497.989	685.999	0.322	1.454	2.865	0.509	2.411	1.622	0.627	2.981	1.367
544	35.936	508.239	631.382	0.350	1.540	3.052	0.524	2.454	1.796	0.644	3.026	1.538
545	46.543	458.410	665.623	0.336	1.438	3.172	0.506	2.402	1.656	0.627	2.985	1.386
546	39.395	452.464	617.678	0.340	1.512	3.074	0.519	2.439	1.790	0.639	3.009	1.527
547	36.719	441.986	672.333	0.340	1.544	2.968	0.520	2.465	1.722	0.639	3.034	1.457
548	44.422	497.500	645.725	0.370	1.442	3.445	0.509	2.410	1.659	0.627	2.993	1.342
549	32.322	421.098	662.108	0.363	1.599	3.156	0.536	2.501	1.906	0.654	3.051	1.654
550	30.742	457.740	686.094	0.466	1.562	4.297	0.536	2.498	1.906	0.654	3.062	1.612
551	39.690	472.792	613.152	0.338	1.508	3.040	0.518	2.435	1.773	0.634	3.013	1.424
552	29.030	467.788	632.372	0.913	1.555	6.204	0.721	2.466	3.012	0.735	3.053	2.164
553	30.089	490.324	697.891	1.494	1.527	8.045	0.560	2.488	2.117	0.675	3.050	1.802
554	34.536	479.105	717.652	0.356	1.557	3.041	0.529	2.465	1.812	0.644	3.045	1.463
555	39.053	443.682	679.447	0.340	1.516	2.988	0.518	2.441	1.741	0.635	3.018	1.420
556	28.752	474.966	686.937	0.871	1.563	5.360	0.731	2.484	2.964	0.735	3.063	2.081
557	24.767	463.014	670.301	9.348	1.592	17.253	1.167	2.491	4.140	0.877	3.081	2.790
558	35.360	516.951	637.144	0.389	1.518	3.665	0.527	2.456	1.818	0.641	3.031	1.480
559	39.922	443.335	634.174	0.336	1.511	3.000	0.516	2.437	1.756	0.634	3.015	1.426
560	53.060	506.815	662.791	0.307	1.406	2.759	0.500	2.369	1.606	0.619	2.960	1.299
561	37.517	460.138	668.892	0.372	1.508	3.380	0.533	2.439	1.911	0.643	3.017	1.540
562	41.414	514.363	682.178	0.327	1.491	2.823	0.511	2.423	1.650	0.629	3.001	1.346
563	31.213	496.747	616.237	0.364	1.604	3.106	0.536	2.500	1.883	0.654	3.056	1.624
564	29.589	466.289	633.934	2.164	1.524	9.527	0.542	2.507	1.997	0.676	3.055	1.848
565	39.896	416.718	628.654	0.338	1.510	3.105	0.520	2.441	1.811	0.639	3.016	1.529
566	35.990	488.161	698.850	0.340	1.547	2.902	0.519	2.463	1.689	0.639	3.033	1.444

567	35.081	485.438	706.942	0.632	1.491	4.808	0.524	2.464	1.755	0.642	3.038	1.448
568	29.505	468.634	690.123	0.708	1.553	5.319	0.673	2.476	2.787	0.704	3.071	1.951
569	39.087	491.043	652.218	0.342	1.507	3.029	0.519	2.443	1.736	0.636	3.014	1.445
570	45.821	447.989	650.889	0.322	1.459	2.943	0.507	2.405	1.676	0.629	2.992	1.394
571	49.075	445.984	696.558	0.314	1.435	2.872	0.502	2.388	1.629	0.625	2.981	1.351
572	25.897	479.236	633.446	5.343	1.574	15.060	0.763	2.505	3.068	2.542	3.040	6.344
573	34.387	433.250	654.510	0.366	1.551	3.326	0.535	2.467	1.950	0.642	3.045	1.494
574	47.936	492.805	642.976	0.315	1.442	2.864	0.504	2.402	1.588	0.624	2.985	1.311
575	36.318	451.276	632.136	0.353	1.536	3.181	0.527	2.460	1.846	0.641	3.029	1.506
576	34.645	527.383	655.571	0.344	1.557	2.932	0.521	2.464	1.746	0.645	3.037	1.519
577	31.269	424.717	654.559	0.940	1.526	6.605	0.538	2.495	1.961	0.659	3.074	1.660
578	40.269	472.689	663.882	0.329	1.514	2.776	0.516	2.442	1.699	0.632	3.015	1.379
579	33.906	482.504	675.159	0.351	1.569	2.990	0.526	2.475	1.789	0.648	3.043	1.554
580	37.447	490.555	634.396	0.341	1.530	2.979	0.520	2.449	1.753	0.640	3.030	1.465
581	48.166	502.368	616.919	0.314	1.440	2.864	0.504	2.394	1.637	0.625	2.979	1.363
582	32.358	462.250	661.052	0.384	1.562	3.588	0.530	2.489	1.839	0.649	3.059	1.551
583	41.476	442.639	659.723	0.328	1.508	2.798	0.515	2.433	1.720	0.634	3.014	1.409
584	27.713	492.272	669.377	0.611	1.601	4.403	0.632	2.500	2.511	0.757	3.049	2.206
585	31.882	479.408	681.717	0.560	1.545	4.255	0.541	2.484	1.947	0.649	3.050	1.560
586	40.665	536.127	693.087	0.331	1.490	2.854	0.513	2.422	1.663	0.630	3.005	1.338
587	31.205	493.405	653.155	0.476	1.557	4.091	0.538	2.511	1.847	0.652	3.053	1.585
588	25.766	491.052	632.000	4.382	1.576	13.481	0.815	2.490	3.397	1.319	3.041	3.962
589	34.042	467.919	591.304	0.368	1.553	3.370	0.536	2.466	1.976	0.642	3.043	1.513
590	32.118	472.626	661.865	0.356	1.594	3.059	0.530	2.490	1.854	0.648	3.070	1.510
591	38.923	501.720	626.339	0.337	1.513	2.978	0.516	2.435	1.740	0.636	3.017	1.445
592	49.550	449.862	672.235	0.315	1.429	2.929	0.502	2.386	1.638	0.622	2.974	1.321
593	45.018	430.209	637.793	0.328	1.462	3.071	0.511	2.408	1.751	0.631	2.987	1.468
594	32.122	468.658	660.530	0.390	1.571	3.378	0.531	2.490	1.853	0.651	3.065	1.562
595	32.226	446.092	653.165	0.725	1.520	5.663	0.535	2.494	1.894	0.649	3.050	1.588
596	54.965	479.763	659.788	0.307	1.391	2.896	0.498	2.369	1.591	0.617	2.956	1.272
597	36.981	503.792	650.538	0.426	1.494	4.015	0.538	2.444	1.936	0.646	3.017	1.565
598	29.462	484.656	683.978	0.923	1.549	5.889	0.539	2.509	1.913	0.656	3.072	1.610
599	49.832	451.649	704.492	0.317	1.427	2.906	0.506	2.399	1.622	0.622	2.976	1.301
600	47.637	497.717	654.429	0.326	1.432	2.999	0.509	2.400	1.655	0.624	2.981	1.317
601	45.679	507.065	652.484	0.326	1.449	2.961	0.510	2.397	1.688	0.627	2.986	1.364
602	23.383	443.164	662.628	9.318	1.615	17.478	2.674	2.490	7.411	72.962	3.061	55.256
603	31.101	437.442	698.566	0.557	1.538	4.973	0.562	2.485	2.134	0.661	3.052	1.703
604	33.981	468.929	695.016	0.355	1.565	3.045	0.528	2.471	1.818	0.645	3.040	1.514
605	29.236	467.678	635.271	2.241	1.527	10.083	0.546	2.527	1.962	0.657	3.069	1.658
606	31.010	491.135	623.263	0.621	1.537	5.154	0.539	2.504	1.922	0.651	3.059	1.589
607	37.751	399.328	665.765	0.344	1.531	3.118	0.522	2.451	1.833	0.638	3.028	1.467
608	28.640	485.704	676.695	3.399	1.534	12.113	0.800	2.477	3.199	0.716	3.058	2.029
609	38.544	486.979	636.037	0.345	1.512	3.082	0.520	2.436	1.788	0.637	3.015	1.464
610	33.408	461.700	708.678	0.352	1.580	2.984	0.527	2.476	1.807	0.646	3.046	1.522

611	30.304	505.643	663.257	0.368	1.607	3.108	0.537	2.497	1.889	0.658	3.062	1.641
612	36.469	473.452	624.312	0.351	1.536	3.127	0.525	2.459	1.817	0.638	3.028	1.460
613	39.418	497.355	673.961	0.340	1.493	3.158	0.514	2.437	1.691	0.636	3.013	1.449
614	31.266	467.054	713.759	0.472	1.558	4.046	0.534	2.496	1.850	0.650	3.060	1.542
615	41.637	477.021	617.507	0.334	1.491	2.997	0.516	2.431	1.726	0.636	3.004	1.466
616	30.693	500.304	654.209	0.508	1.566	3.940	0.774	2.458	3.066	0.829	3.024	2.511
617	29.629	485.612	712.995	0.797	1.550	5.263	0.569	2.500	2.152	0.670	3.069	1.730
618	34.183	462.859	674.209	0.361	1.560	3.142	0.532	2.476	1.851	0.644	3.044	1.482
619	45.479	493.921	677.152	0.322	1.456	2.870	0.505	2.403	1.607	0.629	3.000	1.344
620	32.229	444.824	649.414	0.528	1.551	4.152	0.535	2.483	1.923	0.649	3.057	1.561
621	28.670	464.358	672.026	1.141	1.558	6.363	0.721	2.481	2.965	0.744	3.047	2.227
622	27.611	509.788	674.692	1.726	1.563	7.570	0.815	2.482	3.245	0.732	3.055	2.099
623	40.807	442.707	700.343	0.341	1.491	3.072	0.520	2.434	1.756	0.632	3.010	1.383
624	39.453	460.733	717.219	0.335	1.515	2.887	0.514	2.440	1.657	0.637	3.012	1.458
625	52.130	470.245	627.393	0.306	1.431	2.646	0.501	2.378	1.615	0.622	2.971	1.324
626	37.928	460.427	651.344	0.364	1.516	3.145	0.526	2.442	1.859	0.639	3.025	1.486
627	30.307	486.351	687.975	0.504	1.562	4.409	0.538	2.521	1.841	0.723	3.046	2.066
628	33.889	497.941	635.315	0.359	1.559	3.141	0.531	2.473	1.854	0.643	3.045	1.480
629	43.788	442.429	702.265	0.570	1.423	4.471	0.512	2.427	1.662	0.629	2.997	1.377
630	39.388	465.325	632.345	0.337	1.514	2.983	0.517	2.439	1.742	0.636	3.020	1.431
631	46.372	525.642	639.632	0.319	1.448	2.870	0.505	2.400	1.626	0.624	2.982	1.315
632	33.395	465.089	660.801	0.359	1.569	3.138	0.533	2.475	1.885	0.643	3.045	1.489
633	23.463	445.597	596.537	7.915	1.613	17.463	1.330	2.517	4.712	1.171	3.063	3.606
634	34.063	434.043	649.667	0.372	1.551	3.420	0.735	2.437	2.956	0.815	3.003	2.474
635	30.225	443.657	662.007	0.911	1.541	6.150	0.539	2.509	1.945	0.783	3.036	2.423
636	28.069	495.562	642.520	0.651	1.582	4.823	0.757	2.488	3.074	0.764	3.054	2.269
637	28.339	477.681	686.502	0.743	1.572	4.994	0.626	2.494	2.537	0.724	3.061	2.043
638	35.009	491.605	656.662	0.356	1.546	3.122	0.528	2.459	1.841	0.643	3.035	1.500
639	36.158	476.991	642.469	0.345	1.545	3.009	0.522	2.457	1.777	0.644	3.023	1.552
640	28.887	508.342	631.034	0.600	1.575	4.606	0.540	2.515	1.926	0.767	3.036	2.324
641	31.702	443.594	673.462	0.745	1.527	5.497	0.539	2.487	1.959	0.649	3.061	1.560
642	55.729	449.089	642.214	0.302	1.405	2.740	0.498	2.365	1.626	0.620	2.962	1.326
643	33.721	489.358	650.833	0.443	1.526	4.139	0.548	2.466	2.021	0.655	3.035	1.648
644	42.515	475.451	631.525	0.328	1.486	2.942	0.513	2.431	1.688	0.632	2.999	1.429
645	30.006	486.937	658.678	0.467	1.584	3.758	0.640	2.477	2.580	0.685	3.053	1.874
646	52.361	451.562	607.690	0.309	1.420	2.860	0.504	2.384	1.673	0.622	2.972	1.325
647	32.359	503.538	696.149	0.371	1.567	3.238	0.536	2.474	1.913	0.647	3.048	1.513
648	41.308	484.905	700.483	0.328	1.497	2.771	0.516	2.435	1.667	0.633	3.002	1.406
649	43.388	498.017	683.691	0.326	1.472	2.860	0.509	2.425	1.582	0.633	2.991	1.429
650	48.446	489.391	677.026	0.312	1.437	2.803	0.503	2.390	1.597	0.626	2.977	1.363
651	33.893	461.435	658.665	0.362	1.560	3.188	0.534	2.479	1.877	0.644	3.040	1.520
652	34.346	472.476	676.243	0.350	1.564	3.010	0.526	2.471	1.800	0.644	3.041	1.511
653	33.862	489.735	634.119	0.354	1.569	3.048	0.527	2.473	1.819	0.649	3.045	1.571
654	36.883	444.242	655.752	0.344	1.538	3.038	0.521	2.453	1.785	0.637	3.026	1.452

655	39.733	515.371	669.544	0.330	1.508	2.844	0.511	2.438	1.600	0.634	3.009	1.414
656	31.897	464.289	672.224	0.361	1.596	3.063	0.533	2.491	1.861	0.655	3.062	1.606
657	35.295	463.046	675.520	0.349	1.553	3.029	0.525	2.461	1.808	0.642	3.030	1.514
658	44.212	450.012	627.225	0.325	1.474	2.952	0.511	2.422	1.686	0.632	2.993	1.447
659	39.587	527.918	666.561	0.330	1.504	2.867	0.514	2.432	1.685	0.631	3.011	1.363
660	53.135	502.399	682.971	0.306	1.407	2.740	0.498	2.381	1.504	0.619	2.967	1.250
661	34.007	445.638	683.317	0.377	1.559	3.261	0.550	2.464	2.047	0.657	3.036	1.664
662	37.742	474.717	719.175	0.333	1.544	2.659	0.519	2.449	1.713	0.641	3.017	1.497
663	38.145	430.787	650.246	0.343	1.530	3.023	0.520	2.449	1.774	0.641	3.024	1.500
664	44.549	466.836	696.803	0.321	1.466	2.867	0.508	2.407	1.663	0.628	2.990	1.378
665	23.031	506.583	666.500	9.430	1.621	17.531	3.141	2.497	8.007	31.547	3.062	32.061
666	33.132	491.382	729.030	0.373	1.568	3.129	0.548	2.482	1.946	0.653	3.039	1.603
667	45.443	465.726	632.856	0.325	1.461	2.934	0.509	2.404	1.679	0.630	2.987	1.411
668	41.850	448.352	647.614	0.329	1.493	2.960	0.514	2.432	1.713	0.635	2.999	1.485
669	37.597	456.748	631.519	0.339	1.537	2.973	0.518	2.451	1.748	0.642	3.018	1.548
670	35.446	505.530	625.556	0.343	1.553	2.969	0.519	2.469	1.685	0.642	3.031	1.516
671	30.709	493.653	666.856	0.594	1.545	4.755	0.567	2.478	2.178	0.652	3.056	1.598
672	30.900	466.736	664.580	0.544	1.552	4.538	0.539	2.494	1.936	0.655	3.053	1.652
673	33.272	486.565	653.680	0.357	1.574	3.079	0.531	2.480	1.851	0.651	3.053	1.566
674	40.668	476.489	725.628	0.331	1.497	2.879	0.515	2.439	1.657	0.630	3.004	1.362
675	33.748	485.684	660.883	0.353	1.571	2.999	0.528	2.477	1.799	0.647	3.043	1.532
676	27.972	461.163	688.880	1.178	1.564	6.943	0.712	2.481	2.854	0.804	3.042	2.485
677	42.329	495.658	658.847	0.333	1.477	2.989	0.513	2.415	1.715	0.634	3.000	1.442
678	59.002	405.055	622.012	0.307	1.367	3.083	0.504	2.366	1.731	0.619	2.950	1.380
679	31.615	470.366	604.660	0.489	1.564	3.941	0.574	2.469	2.293	0.677	3.042	1.862
680	34.374	452.334	675.663	0.365	1.542	3.434	0.526	2.472	1.827	0.647	3.043	1.557
681	40.731	473.607	684.094	0.333	1.501	2.854	0.513	2.430	1.684	0.632	3.011	1.370
682	36.236	450.585	675.643	0.345	1.548	2.983	0.524	2.471	1.757	0.641	3.043	1.432
683	32.324	488.322	694.195	0.356	1.587	2.999	0.529	2.480	1.816	0.651	3.054	1.557
684	28.633	436.738	710.870	0.938	1.565	5.591	0.895	2.466	3.632	0.745	3.060	2.143
685	33.838	477.833	674.140	0.359	1.560	3.118	0.532	2.476	1.849	0.645	3.037	1.526
686	27.436	452.245	682.308	0.999	1.581	5.637	0.650	2.506	2.617	0.890	3.047	2.794
687	43.732	467.890	695.953	0.326	1.475	2.837	0.512	2.415	1.689	0.631	2.991	1.423
688	32.346	448.342	685.853	0.363	1.593	3.100	0.533	2.485	1.877	0.650	3.053	1.570
689	44.221	470.384	628.413	0.326	1.471	2.957	0.510	2.413	1.692	0.633	2.990	1.463
690	27.136	440.519	665.147	7.134	1.556	16.829	0.710	2.495	2.905	0.751	3.068	2.220
691	30.135	486.327	693.122	0.537	1.567	4.254	0.541	2.514	1.882	0.720	3.045	2.057
692	39.881	455.971	681.696	0.339	1.503	3.011	0.519	2.441	1.737	0.633	3.010	1.401
693	29.628	465.840	689.280	0.775	1.550	5.583	0.718	2.474	2.908	0.745	3.035	2.198
694	54.618	470.987	694.787	0.309	1.394	2.879	0.498	2.365	1.579	0.618	2.963	1.258
695	34.516	455.395	677.134	0.388	1.538	3.478	0.547	2.464	2.007	0.654	3.028	1.646
696	40.228	470.903	723.009	0.430	1.471	3.622	0.513	2.430	1.680	0.633	3.009	1.392
697	38.232	495.879	665.102	0.338	1.522	2.909	0.519	2.448	1.704	0.635	3.016	1.409
698	47.721	460.798	681.620	0.317	1.443	2.869	0.505	2.408	1.564	0.624	2.981	1.321

699	39.028	458.420	659.255	0.341	1.512	3.039	0.519	2.438	1.772	0.635	3.017	1.418
700	29.926	445.045	606.660	0.525	1.570	4.581	0.539	2.507	1.985	0.659	3.078	1.682
701	42.645	532.523	740.128	0.324	1.473	2.811	0.509	2.420	1.606	0.629	2.992	1.375
702	33.401	448.951	674.220	0.362	1.573	3.121	0.533	2.478	1.870	0.653	3.035	1.631
703	33.837	486.289	698.574	0.352	1.567	2.985	0.526	2.471	1.787	0.647	3.032	1.560
704	35.092	448.724	666.915	0.351	1.559	3.032	0.527	2.467	1.818	0.649	3.042	1.564
705	48.123	478.317	688.491	0.314	1.440	2.805	0.503	2.394	1.590	0.622	2.976	1.303
706	33.995	493.793	678.191	0.360	1.557	3.109	0.531	2.465	1.850	0.643	3.042	1.476
707	26.174	487.514	715.623	8.030	1.570	16.981	3.123	2.465	7.824	0.990	3.058	3.040
708	35.773	440.499	691.616	0.367	1.532	3.282	0.535	2.462	1.887	0.647	3.037	1.547
709	27.930	467.758	610.307	5.430	1.544	16.708	0.763	2.487	3.229	0.773	3.054	2.384
710	38.011	490.572	640.667	0.341	1.518	3.050	0.519	2.439	1.791	0.637	3.024	1.449
711	35.332	461.090	713.566	0.347	1.557	2.968	0.523	2.467	1.761	0.643	3.041	1.480
712	35.166	488.833	666.783	0.348	1.554	2.965	0.524	2.464	1.767	0.644	3.041	1.488
713	44.365	458.387	642.081	0.322	1.477	2.852	0.509	2.414	1.665	0.633	2.996	1.452
714	51.243	473.730	663.446	0.309	1.419	2.846	0.500	2.379	1.607	0.620	2.969	1.293
715	31.462	498.890	599.491	0.419	1.563	3.947	0.545	2.483	2.032	0.654	3.050	1.653
716	32.880	453.026	690.751	0.353	1.595	2.937	0.532	2.483	1.870	0.646	3.046	1.547
717	33.040	459.941	631.183	0.359	1.584	3.117	0.532	2.483	1.880	0.647	3.056	1.522
718	45.545	463.274	640.270	0.319	1.468	2.825	0.507	2.417	1.612	0.627	2.995	1.345
719	55.445	483.433	715.831	0.302	1.391	2.766	0.497	2.372	1.532	0.619	2.960	1.276
720	43.940	496.436	690.900	0.353	1.450	3.221	0.525	2.399	1.830	0.634	2.983	1.459
721	30.001	501.538	637.568	0.372	1.614	3.154	0.540	2.501	1.929	0.746	3.045	2.181
722	35.760	477.764	697.386	0.349	1.543	3.032	0.526	2.466	1.773	0.641	3.033	1.466
723	45.270	488.091	665.272	0.318	1.469	2.723	0.508	2.407	1.638	0.629	2.983	1.408
724	26.831	424.466	727.742	1.429	1.579	7.206	0.818	2.492	3.366	0.780	3.058	2.356
725	30.024	450.402	702.437	0.806	1.545	5.703	0.551	2.519	1.990	0.708	3.058	1.948
726	44.503	475.906	706.738	0.322	1.471	2.758	0.511	2.421	1.633	0.631	2.993	1.392
727	51.882	502.939	717.964	0.310	1.411	2.760	0.498	2.384	1.467	0.623	2.956	1.349
728	45.503	450.417	634.482	0.341	1.446	3.212	0.524	2.391	1.919	0.629	2.988	1.406
729	35.282	438.942	658.122	0.349	1.555	3.080	0.524	2.463	1.832	0.643	3.039	1.516
730	29.402	490.833	706.424	0.888	1.550	5.731	0.641	2.487	2.487	0.744	3.043	2.139
731	31.981	479.039	611.048	0.372	1.583	3.290	0.541	2.499	1.932	0.655	3.047	1.657
732	37.202	440.315	606.554	0.344	1.539	3.102	0.521	2.451	1.838	0.643	3.024	1.573
733	37.407	464.714	625.295	0.339	1.535	3.018	0.516	2.455	1.697	0.639	3.039	1.430
734	33.448	467.696	686.782	0.351	1.582	2.978	0.525	2.484	1.756	0.644	3.054	1.471
735	44.168	486.301	649.215	0.321	1.480	2.761	0.507	2.415	1.595	0.629	2.994	1.372
736	35.367	485.745	661.994	0.348	1.550	3.011	0.523	2.463	1.776	0.641	3.029	1.494
737	29.449	472.115	612.561	0.533	1.580	4.382	0.541	2.511	1.980	0.670	3.063	1.832
738	27.793	494.912	624.094	1.488	1.563	7.325	0.827	2.483	3.327	0.744	3.049	2.178
739	35.105	430.707	582.480	0.359	1.551	3.322	0.541	2.469	2.066	0.643	3.037	1.558
740	40.880	432.611	651.150	0.329	1.503	2.980	0.513	2.430	1.753	0.633	3.010	1.448
741	41.152	498.395	673.021	0.326	1.495	2.846	0.511	2.426	1.665	0.629	3.001	1.363
742	45.709	504.456	698.603	0.319	1.456	2.783	0.505	2.402	1.580	0.627	2.979	1.378

743	29.664	460.387	625.419	1.933	1.523	9.604	0.739	2.468	3.055	0.659	3.064	1.693
744	28.834	431.610	692.857	1.353	1.553	6.941	0.654	2.494	2.693	0.791	3.038	2.444
745	28.242	422.115	659.233	2.275	1.540	10.010	0.775	2.485	3.221	0.763	3.054	2.278
746	31.966	473.952	651.960	0.383	1.567	3.570	0.535	2.485	1.917	0.646	3.056	1.517
747	31.314	440.487	679.011	0.422	1.575	3.752	0.538	2.508	1.902	0.652	3.057	1.602
748	30.331	448.626	663.899	0.722	1.547	5.176	0.540	2.501	1.971	0.730	3.044	2.110
749	30.032	462.378	673.678	0.406	1.595	3.600	0.641	2.475	2.615	0.781	3.042	2.386
750	31.638	444.410	648.459	0.370	1.594	3.254	0.537	2.486	1.956	0.651	3.053	1.614
751	34.444	454.318	613.373	0.352	1.567	3.111	0.529	2.467	1.912	0.647	3.033	1.610
752	40.491	456.237	671.624	0.331	1.504	2.941	0.512	2.436	1.675	0.633	3.005	1.437
753	35.634	477.201	658.436	0.344	1.553	2.955	0.520	2.463	1.724	0.644	3.023	1.554
754	25.021	506.267	661.890	1.639	1.605	7.152	0.970	2.504	3.786	1.190	3.053	3.482
755	28.964	446.563	655.948	0.618	1.582	4.564	0.874	2.465	3.501	0.669	3.070	1.777
756	49.723	484.608	678.242	0.316	1.424	2.908	0.503	2.386	1.615	0.625	2.968	1.382
757	31.856	461.669	669.538	0.380	1.583	3.334	0.545	2.485	1.997	0.654	3.069	1.577
758	47.111	536.323	569.094	0.322	1.443	2.915	0.505	2.393	1.653	0.626	2.978	1.383
759	29.073	489.036	667.539	0.778	1.558	5.434	0.570	2.492	2.222	0.713	3.047	2.006
760	37.051	443.817	656.732	0.350	1.530	3.132	0.526	2.455	1.826	0.640	3.042	1.428
761	35.687	472.762	639.310	0.344	1.553	2.985	0.519	2.469	1.698	0.642	3.035	1.501
762	36.943	449.457	657.326	0.341	1.541	2.982	0.521	2.455	1.775	0.642	3.021	1.546
763	37.038	444.306	708.717	0.341	1.541	2.943	0.520	2.453	1.750	0.638	3.031	1.429
764	26.554	455.641	621.835	1.258	1.589	6.532	0.807	2.483	3.413	0.909	3.063	2.910
765	34.068	505.194	691.283	0.359	1.553	3.124	0.530	2.466	1.842	0.644	3.047	1.487
766	41.257	486.668	684.586	0.331	1.493	2.875	0.513	2.426	1.672	0.631	3.005	1.366
767	41.946	476.379	633.782	0.329	1.492	2.914	0.512	2.436	1.630	0.634	2.999	1.457
768	37.206	465.603	658.702	0.341	1.535	2.986	0.520	2.453	1.762	0.639	3.023	1.482
769	27.513	469.713	705.023	1.052	1.576	6.094	0.655	2.498	2.594	0.890	3.054	2.742
770	33.525	473.817	694.315	0.367	1.560	3.198	0.536	2.479	1.878	0.646	3.043	1.521
771	37.324	484.499	628.029	0.342	1.533	2.994	0.520	2.448	1.773	0.637	3.023	1.441
772	48.765	456.116	660.906	0.311	1.446	2.748	0.502	2.393	1.604	0.625	2.985	1.335
773	45.594	410.971	661.730	0.437	1.434	3.749	0.510	2.404	1.741	0.632	2.995	1.451
774	45.058	491.606	653.451	0.324	1.459	2.932	0.508	2.408	1.666	0.629	2.982	1.427
775	42.187	474.247	620.817	0.329	1.490	2.957	0.514	2.432	1.703	0.632	2.998	1.436
776	30.064	455.854	696.607	0.732	1.545	5.424	0.539	2.515	1.893	0.733	3.038	2.151
777	42.813	408.365	611.318	0.335	1.484	3.135	0.515	2.421	1.802	0.637	3.003	1.515
778	48.103	450.355	705.633	0.309	1.452	2.680	0.503	2.401	1.582	0.626	2.977	1.393
779	35.016	428.001	683.918	0.360	1.556	3.178	0.536	2.458	1.989	0.642	3.038	1.488
780	41.732	497.152	678.646	0.327	1.488	2.861	0.511	2.438	1.587	0.634	3.001	1.438
781	46.568	492.871	715.128	0.315	1.458	2.660	0.505	2.401	1.589	0.626	2.981	1.347
782	34.969	476.768	601.754	0.358	1.553	3.168	0.531	2.464	1.884	0.643	3.046	1.479
783	31.736	501.069	692.147	0.356	1.594	3.001	0.529	2.487	1.816	0.647	3.056	1.515
784	37.641	474.900	734.843	0.345	1.524	2.971	0.522	2.455	1.717	0.639	3.014	1.475
785	36.735	493.051	605.672	0.345	1.540	3.007	0.523	2.466	1.755	0.649	3.019	1.615
786	40.704	442.314	613.706	0.332	1.506	3.006	0.512	2.438	1.682	0.635	3.018	1.440

787	28.031	410.573	731.265	7.029	1.543	16.693	0.859	2.479	3.508	0.767	3.057	2.297
788	45.645	484.547	623.808	0.325	1.454	2.973	0.509	2.401	1.694	0.629	2.987	1.396
789	38.620	462.785	647.179	0.338	1.520	3.010	0.519	2.442	1.773	0.638	3.023	1.472
790	31.067	456.369	685.339	0.363	1.614	3.063	0.533	2.499	1.868	0.656	3.058	1.637
791	27.426	517.219	699.572	0.663	1.597	4.480	0.631	2.504	2.460	0.721	3.070	2.008
792	55.488	457.059	656.568	0.314	1.384	3.020	0.502	2.370	1.633	0.620	2.957	1.332
793	31.113	481.472	646.117	0.407	1.574	3.630	0.561	2.484	2.134	0.667	3.047	1.757
794	43.996	457.983	625.691	0.328	1.472	3.007	0.512	2.420	1.712	0.631	2.992	1.449
795	42.010	470.595	624.538	0.327	1.492	2.941	0.512	2.425	1.712	0.631	3.010	1.384
796	46.717	481.188	685.763	0.316	1.449	2.830	0.506	2.405	1.611	0.624	2.984	1.310
797	40.774	493.470	651.729	0.336	1.494	2.981	0.515	2.426	1.721	0.635	3.015	1.408
798	28.193	456.757	657.587	1.689	1.554	8.091	0.839	2.468	3.427	0.911	3.043	2.845
799	44.014	468.775	648.099	0.328	1.466	2.997	0.511	2.411	1.715	0.629	2.992	1.396
800	37.198	473.230	619.840	0.340	1.540	2.968	0.520	2.451	1.778	0.638	3.027	1.461
801	41.035	481.357	589.218	0.326	1.512	2.831	0.513	2.427	1.746	0.632	3.009	1.413
802	31.014	487.575	668.039	0.360	1.605	3.062	0.661	2.464	2.658	0.751	3.028	2.215
803	35.591	462.325	601.511	0.352	1.549	3.152	0.527	2.462	1.867	0.645	3.036	1.548
804	28.155	449.484	697.580	1.834	1.551	8.458	0.874	2.480	3.458	0.730	3.056	2.110
805	42.960	446.157	663.715	0.334	1.476	3.046	0.515	2.423	1.731	0.631	3.007	1.368
806	30.835	475.727	640.200	0.491	1.571	3.902	0.534	2.496	1.895	0.650	3.060	1.568
807	44.647	483.796	654.178	0.326	1.462	2.964	0.509	2.409	1.678	0.631	2.989	1.430
808	28.235	479.011	612.888	1.782	1.545	9.210	0.654	2.494	2.714	0.664	3.094	1.688
809	39.491	478.459	651.398	0.339	1.505	3.047	0.519	2.442	1.756	0.634	3.009	1.443
810	40.648	483.359	693.033	0.329	1.500	2.861	0.511	2.432	1.631	0.632	3.003	1.402
811	35.475	440.142	661.164	0.348	1.559	3.010	0.525	2.465	1.805	0.646	3.046	1.511
812	38.506	471.309	710.451	0.335	1.519	2.896	0.514	2.447	1.637	0.634	3.019	1.385
813	28.544	450.679	700.451	3.566	1.536	12.244	0.628	2.489	2.569	0.857	3.050	2.630
814	32.559	453.720	625.767	0.370	1.578	3.288	0.538	2.479	1.965	0.652	3.050	1.617
815	26.895	461.253	668.717	7.294	1.559	16.866	0.866	2.482	3.522	0.955	3.041	3.016
816	48.350	441.006	644.724	0.319	1.442	2.911	0.508	2.391	1.719	0.624	2.976	1.370
817	56.180	430.576	663.753	0.308	1.381	3.033	0.498	2.359	1.659	0.618	2.952	1.339
818	36.083	451.920	651.717	0.389	1.521	3.554	0.544	2.452	2.014	0.651	3.020	1.635
819	32.684	482.221	650.701	0.355	1.585	3.048	0.529	2.481	1.837	0.654	3.038	1.661
820	36.349	485.963	680.421	0.356	1.518	3.300	0.521	2.453	1.753	0.643	3.034	1.489
821	41.531	509.653	690.241	0.328	1.489	2.827	0.512	2.427	1.636	0.631	3.002	1.368
822	33.139	425.038	655.438	0.359	1.586	3.113	0.533	2.490	1.876	0.653	3.046	1.641
823	35.052	433.645	664.153	0.349	1.561	3.064	0.528	2.485	1.802	0.641	3.040	1.484
824	40.791	459.396	663.870	0.331	1.502	2.932	0.513	2.435	1.681	0.635	3.004	1.469
825	37.094	485.583	640.595	0.340	1.537	2.957	0.519	2.453	1.746	0.636	3.025	1.432
826	40.166	403.388	649.092	0.336	1.511	3.053	0.517	2.439	1.785	0.637	3.014	1.490
827	33.487	464.303	654.575	0.349	1.580	2.987	0.526	2.479	1.815	0.644	3.046	1.516
828	45.763	457.883	682.391	0.320	1.460	2.884	0.506	2.407	1.634	0.626	2.990	1.342
829	36.599	497.658	647.764	0.345	1.536	3.008	0.522	2.453	1.775	0.642	3.023	1.514
830	34.678	466.696	701.739	0.443	1.535	3.572	0.526	2.469	1.791	0.641	3.039	1.460

831	27.660	454.514	658.959	2.560	1.553	9.348	0.649	2.500	2.699	0.845	3.042	2.659
832	30.519	487.347	676.150	0.566	1.553	4.613	0.568	2.485	2.175	0.656	3.071	1.608
833	47.355	489.653	664.308	0.320	1.442	2.887	0.507	2.404	1.619	0.625	2.985	1.318
834	43.990	472.020	679.403	0.411	1.439	3.743	0.512	2.415	1.680	0.632	2.993	1.428
835	43.226	476.429	670.165	0.327	1.477	2.903	0.510	2.414	1.671	0.628	2.995	1.356
836	39.252	496.408	639.808	0.334	1.513	2.912	0.516	2.443	1.700	0.633	3.012	1.400
837	27.168	466.585	709.597	4.527	1.555	13.689	0.808	2.491	3.252	0.893	3.053	2.801
838	33.253	426.757	637.652	0.498	1.546	3.981	0.552	2.481	2.109	0.647	3.047	1.566
839	37.512	477.032	657.609	0.338	1.532	2.953	0.518	2.447	1.756	0.637	3.021	1.468
840	28.110	470.194	613.797	0.803	1.576	5.378	0.716	2.479	3.013	0.663	3.078	1.743
841	31.252	422.066	638.043	0.480	1.571	4.004	0.541	2.493	2.030	0.655	3.059	1.679
842	24.055	506.774	667.009	1.237	1.624	6.222	1.075	2.515	3.834	2.186	3.053	5.658
843	54.022	504.805	709.561	0.319	1.385	2.972	0.502	2.360	1.619	0.619	2.958	1.278
844	33.885	487.363	676.799	0.385	1.543	3.408	0.548	2.457	2.016	0.653	3.037	1.608
845	40.885	506.407	658.896	0.331	1.495	2.887	0.513	2.427	1.679	0.636	3.005	1.458
846	36.350	489.664	667.241	0.344	1.540	2.960	0.521	2.454	1.750	0.641	3.031	1.468
847	32.278	463.268	718.764	0.388	1.574	3.305	0.532	2.489	1.828	0.650	3.070	1.501
848	26.529	505.368	718.056	1.390	1.583	6.825	0.723	2.495	2.880	0.754	3.071	2.169
849	34.760	461.363	665.351	0.359	1.559	3.056	0.537	2.470	1.899	0.644	3.044	1.480
850	47.515	461.814	669.964	0.319	1.444	2.910	0.505	2.395	1.646	0.627	2.984	1.366
851	35.336	440.930	668.440	0.355	1.551	3.140	0.528	2.465	1.854	0.645	3.044	1.510
852	40.862	459.631	714.616	0.329	1.500	2.865	0.512	2.432	1.651	0.632	3.009	1.378
853	28.056	448.437	680.504	0.959	1.573	5.674	0.679	2.498	2.712	0.869	3.041	2.724
854	27.088	432.810	655.734	6.055	1.556	15.880	0.572	2.518	2.347	0.981	3.046	3.117
855	33.338	437.891	658.225	0.364	1.570	3.243	0.534	2.474	1.929	0.647	3.049	1.555
856	24.847	467.841	693.911	2.733	1.593	9.881	1.481	2.477	4.888	1.341	3.046	4.030
857	38.762	490.471	667.135	0.351	1.502	3.147	0.527	2.446	1.800	0.639	3.013	1.484
858	29.206	449.527	638.989	0.844	1.558	5.624	0.653	2.470	2.744	0.662	3.076	1.707
859	41.293	443.352	691.712	0.333	1.492	2.993	0.515	2.425	1.738	0.632	3.006	1.404
861	25.904	482.122	651.733	0.952	1.599	5.822	0.880	2.503	3.550	0.939	3.067	2.947
862	31.026	457.320	652.499	0.644	1.540	4.976	0.548	2.498	2.025	0.655	3.057	1.656
863	36.107	478.568	644.672	0.346	1.542	3.042	0.523	2.458	1.798	0.641	3.029	1.493
864	32.023	467.946	666.718	0.821	1.522	5.683	0.531	2.492	1.834	0.657	3.047	1.680
865	50.470	485.086	622.444	0.309	1.431	2.754	0.504	2.393	1.619	0.624	2.972	1.350
866	31.341	468.999	702.699	0.469	1.567	3.727	0.541	2.490	1.945	0.793	3.018	2.381
867	37.603	494.034	650.333	0.343	1.525	2.999	0.520	2.445	1.759	0.639	3.018	1.471
868	29.340	483.047	684.966	0.450	1.592	3.899	0.605	2.485	2.381	0.702	3.066	1.944
869	31.887	454.918	688.705	0.364	1.604	3.017	0.538	2.486	1.929	0.655	3.064	1.602
870	28.801	508.577	692.348	1.885	1.547	7.330	0.543	2.513	1.924	0.743	3.044	2.180
871	48.815	502.424	608.224	0.320	1.429	2.967	0.506	2.390	1.658	0.624	2.973	1.348
872	34.003	481.094	671.134	0.357	1.559	3.124	0.713	2.438	2.846	0.762	3.015	2.211
873	42.173	476.036	603.758	0.330	1.489	2.990	0.512	2.420	1.729	0.635	2.995	1.498
874	32.499	511.095	621.616	0.360	1.573	3.212	0.528	2.481	1.835	0.648	3.042	1.592
875	50.215	496.060	642.351	0.312	1.425	2.855	0.502	2.385	1.609	0.621	2.970	1.297

876	30.093	464.332	652.126	0.387	1.597	3.440	0.548	2.495	2.048	0.657	3.063	1.673
877	42.309	458.711	653.294	0.331	1.484	3.000	0.514	2.429	1.716	0.631	2.997	1.429
878	26.906	465.360	645.687	0.987	1.589	5.524	0.842	2.481	3.471	0.767	3.062	2.290
879	25.934	476.101	631.540	6.921	1.573	17.020	0.890	2.491	3.630	1.015	3.050	3.217
880	31.642	442.208	634.635	0.379	1.582	3.428	0.543	2.485	2.037	0.650	3.059	1.598
881	51.777	468.477	661.589	0.310	1.412	2.890	0.500	2.379	1.607	0.620	2.967	1.300
882	32.523	477.902	644.115	0.404	1.557	3.616	0.543	2.473	2.007	0.652	3.044	1.626
883	40.868	501.106	702.564	0.330	1.494	2.874	0.512	2.426	1.666	0.634	2.998	1.443
884	32.640	427.748	640.828	0.362	1.592	3.155	0.533	2.485	1.904	0.653	3.065	1.588
885	39.390	468.695	648.644	0.334	1.513	2.957	0.515	2.437	1.731	0.635	3.014	1.445
886	34.701	477.473	689.853	0.377	1.541	3.246	0.562	2.445	2.130	0.646	3.033	1.550
887	40.011	467.544	672.862	0.335	1.506	2.933	0.516	2.437	1.706	0.633	3.015	1.385
888	36.822	489.400	641.048	0.341	1.538	2.961	0.518	2.454	1.710	0.637	3.027	1.433
889	29.533	498.127	609.653	0.760	1.555	5.274	0.538	2.506	1.942	0.659	3.080	1.642
890	22.685	473.523	652.284	7.289	1.627	17.596	3.453	2.503	8.608	1.945	3.068	5.017
891	40.932	446.397	675.908	0.389	1.465	3.795	0.525	2.428	1.837	0.636	3.004	1.485
892	44.759	525.412	609.719	0.329	1.455	3.018	0.511	2.403	1.709	0.627	2.990	1.352
893	36.673	479.738	642.310	0.344	1.537	3.032	0.521	2.455	1.778	0.640	3.021	1.509
894	28.937	482.011	664.408	0.736	1.564	4.987	0.622	2.488	2.444	0.755	3.046	2.236
895	25.235	446.534	669.625	8.083	1.584	17.137	0.942	2.505	3.794	80.193	3.045	55.079
896	37.499	436.896	690.209	0.354	1.517	3.212	0.526	2.443	1.857	0.642	3.030	1.500
897	45.223	439.139	638.635	0.320	1.473	2.848	0.510	2.416	1.692	0.631	2.984	1.468
899	34.429	529.430	720.981	0.358	1.546	3.062	0.532	2.471	1.796	0.644	3.029	1.511
900	29.172	476.810	600.146	0.709	1.560	5.452	0.543	2.512	1.979	0.665	3.067	1.755
901	40.820	495.666	683.328	0.333	1.490	2.967	0.513	2.426	1.703	0.632	3.005	1.403
902	31.748	482.625	643.578	0.362	1.595	3.102	0.533	2.489	1.871	0.654	3.047	1.637
903	29.155	443.870	702.178	0.536	1.588	4.220	0.628	2.485	2.519	0.853	3.046	2.612
904	43.303	479.054	627.386	0.330	1.475	2.988	0.512	2.415	1.715	0.633	2.990	1.470
905	35.975	495.265	652.892	0.342	1.546	2.948	0.520	2.458	1.752	0.642	3.022	1.530
906	42.949	426.937	653.059	0.325	1.495	2.836	0.509	2.425	1.647	0.632	3.005	1.411
907	25.387	429.538	667.563	7.929	1.582	17.122	1.103	2.501	3.970	1.100	3.064	3.543
908	28.651	469.163	715.063	0.957	1.561	5.786	0.616	2.496	2.400	0.811	3.043	2.461
909	38.566	461.535	628.404	0.346	1.516	3.101	0.522	2.442	1.805	0.639	3.016	1.485
910	28.050	472.079	655.464	0.760	1.575	5.290	0.673	2.499	2.688	0.801	3.049	2.424
911	35.512	495.298	639.859	0.352	1.542	3.110	0.527	2.459	1.836	0.644	3.032	1.534
912	33.975	475.133	714.717	0.351	1.570	2.968	0.702	2.426	2.794	0.646	3.032	1.557
913	40.548	490.873	645.384	0.335	1.500	2.943	0.516	2.442	1.681	0.634	3.004	1.440
914	31.273	478.088	656.418	0.656	1.533	5.086	0.536	2.511	1.852	0.651	3.067	1.542
915	30.142	454.686	643.201	0.620	1.550	5.018	0.541	2.504	1.981	0.660	3.080	1.663
916	35.409	480.969	653.417	0.349	1.549	3.055	0.525	2.462	1.810	0.641	3.046	1.434
917	49.969	436.413	653.012	0.310	1.446	2.707	0.506	2.384	1.713	0.623	2.970	1.372
918	26.100	467.382	673.719	4.993	1.571	13.753	0.989	2.497	3.840	2.630	3.038	6.466
919	43.615	467.646	712.950	0.334	1.463	3.029	0.514	2.415	1.707	0.631	2.987	1.435
920	39.631	470.190	649.773	0.337	1.509	2.966	0.517	2.440	1.722	0.636	3.010	1.455

921	39.941	491.991	630.054	0.331	1.511	2.891	0.512	2.442	1.634	0.633	3.018	1.391
922	31.528	473.324	672.451	0.537	1.544	4.481	0.799	2.456	3.136	0.653	3.067	1.580
923	50.340	471.409	675.847	0.313	1.424	2.860	0.504	2.392	1.605	0.626	2.975	1.376
924	34.886	472.780	653.558	0.362	1.546	3.216	0.533	2.468	1.878	0.643	3.036	1.510
925	32.873	450.516	730.151	0.357	1.584	3.024	0.529	2.480	1.824	0.644	3.049	1.488
926	32.216	474.816	634.981	0.358	1.602	2.964	0.534	2.487	1.885	0.655	3.063	1.596
927	40.983	483.888	643.772	0.331	1.495	2.957	0.514	2.435	1.700	0.632	3.012	1.378
928	45.604	438.863	634.537	0.317	1.478	2.760	0.506	2.410	1.634	0.631	2.984	1.467
929	34.322	504.367	684.376	0.348	1.559	2.972	0.524	2.469	1.768	0.639	3.038	1.435
930	32.503	484.748	634.879	0.360	1.587	3.085	0.532	2.484	1.862	0.653	3.051	1.614
931	26.325	465.477	707.299	1.000	1.594	5.710	0.852	2.498	3.414	0.899	3.051	2.821
932	34.850	477.238	684.743	0.365	1.541	3.221	0.534	2.459	1.884	0.646	3.032	1.550
933	42.281	498.969	755.323	0.327	1.481	2.809	0.509	2.422	1.576	0.628	2.999	1.324
934	48.143	503.293	679.152	0.319	1.438	2.807	0.503	2.396	1.544	0.624	2.984	1.288
935	49.635	470.217	656.967	0.321	1.422	2.990	0.504	2.383	1.651	0.622	2.977	1.304
936	43.526	440.570	648.999	0.333	1.471	3.079	0.514	2.414	1.758	0.631	2.993	1.442
937	38.114	459.910	631.055	0.339	1.528	3.000	0.518	2.448	1.764	0.639	3.015	1.510
938	43.147	475.316	610.404	0.325	1.481	2.946	0.510	2.432	1.634	0.630	2.993	1.429
939	41.463	449.896	614.352	0.329	1.498	2.988	0.513	2.428	1.746	0.635	2.999	1.507
940	52.015	471.960	622.684	0.311	1.409	2.968	0.501	2.380	1.644	0.622	2.966	1.353
941	50.205	427.357	671.670	0.322	1.416	3.122	0.507	2.382	1.733	0.626	2.974	1.414
942	40.122	517.678	660.674	0.340	1.493	3.028	0.517	2.426	1.746	0.635	3.008	1.446
943	42.866	484.601	627.603	0.328	1.482	2.931	0.511	2.418	1.690	0.630	3.001	1.375
944	44.719	455.846	657.257	0.322	1.467	2.919	0.507	2.411	1.654	0.631	2.997	1.409
945	42.574	480.584	678.759	0.327	1.481	2.902	0.510	2.416	1.676	0.628	2.996	1.357
946	26.778	459.920	672.261	4.596	1.561	13.516	0.825	2.481	3.410	0.962	3.045	2.845
947	31.769	501.984	653.835	0.469	1.554	3.916	0.538	2.479	1.940	0.652	3.055	1.592
948	33.300	456.517	651.977	0.359	1.577	3.119	0.531	2.477	1.879	0.651	3.049	1.599
949	39.268	481.048	690.437	0.335	1.511	2.918	0.516	2.438	1.702	0.634	3.013	1.407
950	32.592	493.148	651.455	0.490	1.547	3.847	0.530	2.483	1.828	0.648	3.044	1.556
951	33.732	493.929	681.837	0.367	1.544	3.372	0.528	2.474	1.802	0.648	3.036	1.563
952	45.333	459.546	644.877	0.320	1.472	2.792	0.511	2.402	1.760	0.630	2.996	1.393
953	47.395	476.707	661.015	0.319	1.443	2.918	0.504	2.395	1.639	0.625	2.981	1.343
954	38.421	431.933	659.032	0.345	1.520	3.103	0.522	2.444	1.813	0.637	3.016	1.484
955	28.754	445.945	675.876	1.270	1.554	7.019	0.825	2.468	3.350	0.777	3.040	2.382
956	37.733	485.281	611.407	0.347	1.522	3.117	0.522	2.445	1.807	0.640	3.020	1.513
957	28.183	422.225	632.396	1.669	1.554	8.261	0.782	2.473	3.312	0.907	3.047	2.878
958	23.856	463.823	674.360	5.417	1.606	13.098	2.496	2.491	7.040	0.958	3.079	3.091
959	38.459	474.268	639.261	0.357	1.502	3.261	0.528	2.437	1.868	0.637	3.020	1.453
960	45.078	473.618	620.797	0.319	1.475	2.795	0.507	2.410	1.662	0.627	2.993	1.368
961	39.580	464.523	693.813	0.334	1.507	2.950	0.515	2.436	1.712	0.638	3.008	1.501
962	40.843	474.333	682.245	0.331	1.498	2.881	0.511	2.435	1.602	0.633	3.006	1.410
963	38.687	497.369	711.773	0.336	1.514	2.871	0.515	2.437	1.678	0.639	3.015	1.464
964	36.792	501.754	624.674	0.343	1.538	2.961	0.521	2.453	1.757	0.638	3.027	1.438

965	31.834	491.481	652.000	0.438	1.554	3.870	0.531	2.489	1.847	0.651	3.055	1.581
966	38.630	453.777	719.840	0.340	1.520	2.971	0.518	2.440	1.742	0.637	3.017	1.450
967	39.534	479.574	702.319	0.334	1.512	2.856	0.514	2.442	1.621	0.638	3.007	1.480
968	29.975	512.211	677.823	0.367	1.611	3.068	0.537	2.501	1.865	0.655	3.057	1.612
969	31.796	482.026	654.889	0.363	1.598	3.032	0.537	2.487	1.914	0.654	3.056	1.614
970	45.806	485.528	652.795	0.318	1.464	2.767	0.507	2.404	1.651	0.627	2.982	1.382
971	39.719	406.041	672.014	0.338	1.513	3.057	0.519	2.440	1.788	0.637	3.021	1.468
972	29.772	432.924	637.832	0.369	1.637	3.169	0.537	2.523	1.903	0.656	3.083	1.627
973	39.353	451.362	632.645	0.339	1.512	3.065	0.518	2.439	1.780	0.634	3.017	1.426
974	38.419	509.010	622.572	0.333	1.523	2.899	0.514	2.450	1.645	0.636	3.017	1.447
975	40.804	461.469	671.802	0.330	1.500	2.921	0.513	2.428	1.702	0.631	3.010	1.380
976	40.124	432.576	630.349	0.335	1.514	2.993	0.514	2.444	1.674	0.636	3.008	1.482
977	35.703	467.950	679.173	0.339	1.561	2.815	0.520	2.465	1.716	0.643	3.028	1.532
978	34.459	457.918	680.082	0.351	1.565	3.007	0.526	2.472	1.803	0.643	3.050	1.458
979	27.871	464.742	673.599	0.901	1.574	5.750	0.677	2.484	2.825	0.844	3.044	2.624
980	26.735	478.114	636.445	1.712	1.580	7.295	0.828	2.485	3.401	0.798	3.066	2.419
981	37.560	476.921	613.868	0.494	1.493	3.995	0.526	2.456	1.836	0.641	3.023	1.526
982	33.764	484.027	620.966	0.345	1.585	2.877	0.526	2.488	1.773	0.646	3.043	1.549
983	34.342	497.960	663.894	0.348	1.563	2.980	0.525	2.471	1.780	0.645	3.029	1.554
984	53.329	497.264	686.995	0.309	1.401	2.812	0.498	2.371	1.555	0.619	2.966	1.250
985	37.499	489.578	688.663	0.370	1.504	3.311	0.533	2.439	1.876	0.643	3.014	1.529
986	32.307	518.084	642.715	0.357	1.584	3.021	0.530	2.485	1.813	0.649	3.050	1.539
987	36.169	459.962	610.811	0.349	1.546	3.106	0.525	2.459	1.836	0.643	3.036	1.519
988	39.508	478.921	709.881	0.330	1.514	2.819	0.512	2.441	1.626	0.637	3.023	1.422
989	37.454	444.268	694.153	0.342	1.534	2.957	0.520	2.449	1.747	0.640	3.018	1.488
990	31.668	462.799	641.201	0.362	1.603	3.098	0.534	2.499	1.876	0.651	3.052	1.602
991	39.564	471.885	697.778	0.335	1.506	2.949	0.515	2.434	1.710	0.634	3.026	1.362
992	41.740	487.109	669.422	0.328	1.490	2.867	0.512	2.423	1.667	0.632	2.998	1.411
993	39.595	500.710	693.771	0.330	1.513	2.756	0.514	2.434	1.670	0.633	3.011	1.391
994	22.633	480.797	647.364	24.865	1.628	35.224	9.579	2.503	16.906	9.778	3.068	15.096
995	36.426	477.644	634.739	0.371	1.520	3.392	0.537	2.446	1.960	0.647	3.025	1.581
996	30.869	471.278	641.561	0.399	1.584	3.488	0.534	2.495	1.904	0.650	3.059	1.579
997	32.080	483.129	665.173	0.360	1.586	3.095	0.533	2.488	1.863	0.660	3.048	1.702
998	32.180	503.231	653.462	0.361	1.583	3.089	0.533	2.488	1.850	0.651	3.043	1.600
999	33.581	488.550	704.453	0.357	1.570	3.045	0.529	2.474	1.812	0.648	3.048	1.527
1000	31.169	512.750	648.667	0.355	1.618	2.791	0.535	2.492	1.864	0.655	3.060	1.604
1001	34.031	455.376	675.630	0.346	1.589	2.782	0.529	2.473	1.845	0.650	3.051	1.563
1002	45.307	434.364	636.322	0.318	1.486	2.714	0.511	2.419	1.695	0.628	2.990	1.405
1003	34.836	482.697	656.882	0.339	1.579	2.717	0.524	2.469	1.788	0.645	3.031	1.553
1004	27.213	456.568	646.933	0.603	1.612	4.475	0.851	2.483	3.484	0.817	3.066	2.549
1005	35.894	452.203	630.927	0.343	1.567	2.846	0.529	2.463	1.871	0.645	3.038	1.552
1006	35.643	443.548	676.957	0.338	1.575	2.733	0.523	2.465	1.790	0.639	3.034	1.463
1007	41.228	462.758	671.774	0.324	1.513	2.661	0.513	2.428	1.687	0.635	3.015	1.410
1008	24.703	480.517	685.585	1.020	1.621	5.580	1.075	2.511	3.819	1.064	3.071	3.132

1009	35.041	477.996	648.710	0.349	1.568	2.866	0.537	2.469	1.908	0.643	3.038	1.502
1010	43.713	434.788	681.543	0.319	1.494	2.678	0.510	2.415	1.689	0.632	3.000	1.416
1011	33.750	465.065	672.889	0.344	1.594	2.733	0.527	2.475	1.812	0.645	3.043	1.526
1012	32.978	427.235	620.289	0.352	1.616	2.860	0.534	2.494	1.903	0.647	3.054	1.558
1013	31.376	435.918	662.503	0.462	1.576	3.780	0.535	2.500	1.914	0.651	3.062	1.603
1014	36.755	479.209	712.869	0.335	1.555	2.676	0.521	2.451	1.747	0.640	3.031	1.447
1015	44.431	516.736	658.296	0.317	1.478	2.604	0.508	2.408	1.629	0.627	2.992	1.326
1016	52.348	484.843	666.749	0.304	1.426	2.592	0.499	2.388	1.510	0.620	2.966	1.281
1017	36.840	518.984	704.175	0.342	1.537	2.778	0.528	2.441	1.827	0.637	3.021	1.430
1018	34.195	482.794	690.112	0.344	1.583	2.709	0.527	2.472	1.785	0.649	3.033	1.570
1019	47.008	412.682	632.480	0.317	1.473	2.762	0.509	2.399	1.735	0.629	2.990	1.418
1020	40.836	444.642	645.127	0.327	1.519	2.760	0.514	2.430	1.752	0.631	3.011	1.403
1021	38.896	491.786	672.269	0.327	1.533	2.636	0.516	2.453	1.644	0.634	3.012	1.413
1022	47.882	465.187	627.463	0.312	1.462	2.656	0.504	2.398	1.622	0.626	2.976	1.390
1023	25.613	507.089	686.526	0.888	1.606	5.175	0.856	2.504	3.167	0.935	3.064	2.905
1024	25.699	466.886	685.983	0.977	1.606	5.466	0.852	2.489	3.504	0.948	3.060	2.807
1025	40.943	495.584	629.325	0.329	1.509	2.759	0.519	2.424	1.780	0.635	3.016	1.413
1026	30.521	480.982	691.244	0.476	1.580	3.753	0.538	2.519	1.848	0.724	3.039	2.079
1027	29.523	437.133	607.934	0.372	1.659	3.038	0.548	2.505	2.091	0.672	3.077	1.828
1028	33.428	423.150	574.421	0.351	1.613	2.955	0.533	2.481	1.990	0.647	3.046	1.624
1029	33.020	490.916	648.596	0.343	1.599	2.757	0.641	2.452	2.606	0.709	3.028	1.995
1030	47.338	481.373	665.865	0.312	1.459	2.637	0.506	2.395	1.642	0.624	2.984	1.310
1031	29.653	500.520	656.019	0.499	1.583	3.885	0.616	2.473	2.448	0.658	3.064	1.652
1032	30.084	490.631	687.114	0.490	1.578	3.824	0.558	2.489	2.096	0.658	3.068	1.627
1033	33.356	500.854	670.935	0.348	1.589	2.764	0.531	2.473	1.846	0.651	3.051	1.554
1034	44.022	475.156	658.195	0.319	1.488	2.660	0.509	2.410	1.674	0.632	2.990	1.446
1035	30.770	452.491	672.434	0.358	1.641	2.816	0.696	2.452	2.873	0.653	3.061	1.606
1036	32.713	471.492	617.833	0.352	1.607	2.844	0.532	2.480	1.902	0.646	3.046	1.553
1037	37.210	476.883	663.837	0.333	1.550	2.712	0.519	2.447	1.759	0.637	3.035	1.408
1038	35.904	492.646	597.889	0.338	1.571	2.738	0.523	2.463	1.793	0.640	3.034	1.468
1039	35.347	542.943	621.233	0.335	1.566	2.688	0.520	2.457	1.757	0.640	3.034	1.466
1040	32.448	501.170	646.984	0.348	1.605	2.756	0.530	2.483	1.836	0.646	3.049	1.517
1041	46.473	440.544	677.183	0.315	1.470	2.690	0.508	2.410	1.663	0.628	2.989	1.383
1042	33.175	471.564	672.132	0.348	1.598	2.776	0.531	2.477	1.858	0.646	3.043	1.533
1043	43.231	431.126	618.515	0.323	1.503	2.750	0.512	2.419	1.743	0.632	2.998	1.452
1044	21.712	464.784	669.476	0.000	0.000	0.000	0.000	0.000	0.000	12.542	3.082	17.491
1045	32.935	500.590	697.802	0.363	1.580	2.951	0.549	2.463	2.019	0.656	3.038	1.637
1046	43.498	442.821	579.056	0.324	1.505	2.773	0.513	2.418	1.766	0.635	3.004	1.471
1047	32.272	484.632	636.693	0.347	1.614	2.777	0.528	2.488	1.846	0.647	3.056	1.551
1048	36.061	457.799	717.548	0.338	1.564	2.711	0.523	2.460	1.770	0.643	3.029	1.522
1049	42.195	473.113	688.408	0.322	1.503	2.623	0.511	2.419	1.666	0.629	2.998	1.366
1050	43.961	470.994	648.162	0.319	1.489	2.662	0.508	2.423	1.589	0.633	2.991	1.450
1051	34.367	492.200	641.120	0.341	1.583	2.731	0.526	2.470	1.803	0.647	3.042	1.550
1052	34.329	457.017	636.478	0.344	1.590	2.784	0.526	2.469	1.844	0.645	3.041	1.544

1053	43.604	483.083	618.164	0.319	1.494	2.687	0.508	2.417	1.657	0.628	2.993	1.392
1054	41.520	482.510	709.791	0.320	1.504	2.619	0.509	2.426	1.616	0.633	2.995	1.441
1055	36.733	435.279	658.523	0.339	1.564	2.749	0.523	2.457	1.792	0.639	3.027	1.469
1056	28.522	482.828	623.605	0.494	1.603	3.960	0.541	2.518	1.966	0.775	3.050	2.327
1057	40.528	481.180	653.230	0.327	1.515	2.725	0.516	2.431	1.738	0.634	3.004	1.454
1058	42.150	420.797	608.900	0.326	1.516	2.771	0.514	2.426	1.772	0.635	3.010	1.464
1059	31.765	448.486	639.793	0.351	1.629	2.815	0.767	2.450	3.177	0.651	3.067	1.576
1060	23.987	440.445	632.222	1.736	1.620	7.176	2.392	2.489	6.965	2.087	3.056	5.604
1061	33.281	465.239	694.626	0.353	1.587	2.875	0.540	2.483	1.925	0.649	3.049	1.560
1062	43.217	483.821	632.967	0.321	1.496	2.667	0.511	2.417	1.681	0.631	2.996	1.414
1063	29.875	461.562	679.491	0.465	1.592	3.756	0.538	2.507	1.920	0.657	3.087	1.587
1064	30.633	463.633	623.473	0.363	1.638	2.923	0.542	2.498	1.996	0.654	3.063	1.633
1065	40.296	444.585	654.389	0.327	1.523	2.741	0.515	2.429	1.759	0.632	3.012	1.409
1066	44.362	468.954	644.925	0.316	1.487	2.646	0.508	2.421	1.609	0.629	2.992	1.403
1067	39.045	460.948	659.305	0.329	1.535	2.698	0.516	2.440	1.734	0.636	3.013	1.460
1068	33.417	446.362	677.909	0.345	1.603	2.742	0.526	2.483	1.775	0.649	3.044	1.576
1069	34.348	489.699	711.864	0.341	1.579	2.681	0.526	2.476	1.752	0.643	3.036	1.489
1070	30.551	478.099	629.938	0.360	1.638	2.842	0.538	2.498	1.932	0.668	3.071	1.744
1071	29.380	460.230	692.881	0.483	1.596	3.836	0.712	2.477	2.891	0.756	3.039	2.261
1072	43.851	449.943	640.523	0.323	1.492	2.735	0.513	2.416	1.726	0.634	2.994	1.469
1073	37.655	425.920	689.859	0.333	1.553	2.720	0.518	2.449	1.763	0.640	3.014	1.538
1074	41.675	480.575	701.405	0.321	1.505	2.610	0.513	2.433	1.644	0.634	2.999	1.445
1075	30.575	468.406	670.694	0.358	1.637	2.799	0.537	2.497	1.906	0.651	3.066	1.552
1076	48.090	479.566	693.249	0.311	1.452	2.611	0.504	2.393	1.616	0.626	2.976	1.362
1077	37.450	490.929	666.033	0.336	1.543	2.726	0.524	2.455	1.767	0.637	3.016	1.458
1078	28.461	474.863	644.493	0.535	1.600	4.132	0.641	2.488	2.607	0.757	3.058	2.256
1079	34.792	455.900	733.110	0.344	1.574	2.775	0.528	2.466	1.826	0.662	3.026	1.694
1080	40.360	443.494	690.471	0.328	1.524	2.671	0.515	2.433	1.711	0.637	3.007	1.473
1081	34.188	455.697	671.686	0.343	1.591	2.732	0.525	2.473	1.800	0.643	3.043	1.485
1082	31.698	424.979	693.789	0.466	1.570	3.787	0.536	2.502	1.890	0.800	3.021	2.435
1083	33.508	489.849	647.826	0.346	1.593	2.753	0.529	2.478	1.825	0.647	3.048	1.526
1084	37.612	468.458	666.798	0.333	1.548	2.705	0.519	2.447	1.754	0.638	3.034	1.409
1085	52.949	445.424	653.194	0.305	1.426	2.678	0.501	2.374	1.649	0.621	2.962	1.354
1086	33.137	454.987	683.756	0.357	1.593	2.915	0.541	2.471	1.980	0.651	3.043	1.614
1087	28.760	444.649	683.364	0.551	1.597	4.189	0.687	2.478	2.799	0.842	3.037	2.621
1088	36.838	431.951	625.979	0.341	1.563	2.839	0.527	2.460	1.856	0.639	3.031	1.479
1089	41.318	513.685	689.095	0.320	1.504	2.608	0.511	2.424	1.654	0.630	2.999	1.383
1090	35.118	481.308	566.067	0.345	1.587	2.810	0.527	2.468	1.855	0.642	3.035	1.518
1091	35.399	470.703	673.460	0.336	1.571	2.721	0.521	2.462	1.775	0.639	3.035	1.467
1092	32.921	453.508	627.833	0.351	1.614	2.811	0.532	2.491	1.873	0.653	3.047	1.640
1093	25.064	493.078	666.304	0.941	1.616	5.388	2.657	2.476	7.189	1.065	3.067	3.131
1094	46.215	499.521	625.578	0.319	1.462	2.740	0.511	2.394	1.722	0.636	2.970	1.546
1095	51.692	483.216	625.533	0.306	1.429	2.675	0.501	2.377	1.640	0.625	2.971	1.376
1096	35.200	501.122	646.218	0.343	1.564	2.819	0.530	2.457	1.876	0.639	3.030	1.480

1097	40.474	466.950	641.107	0.327	1.522	2.701	0.515	2.436	1.715	0.635	3.008	1.447
1098	29.980	452.531	664.667	0.494	1.585	3.932	0.537	2.505	1.932	0.653	3.070	1.603
1099	34.033	465.659	689.075	0.346	1.588	2.769	0.530	2.472	1.844	0.645	3.044	1.516
1100	36.408	501.802	647.550	0.336	1.558	2.688	0.521	2.455	1.752	0.638	3.027	1.431
1101	41.734	474.350	637.161	0.323	1.510	2.682	0.514	2.435	1.686	0.635	2.999	1.477
1102	44.077	486.541	681.980	0.316	1.483	2.626	0.506	2.414	1.586	0.631	2.990	1.423
1103	29.329	492.500	698.409	0.543	1.585	4.030	0.696	2.461	2.840	0.783	3.032	2.354
1104	40.607	396.571	669.842	0.332	1.526	2.801	0.520	2.429	1.821	0.634	3.012	1.436
1105	34.338	458.345	636.811	0.342	1.591	2.757	0.523	2.475	1.776	0.645	3.037	1.564
1106	45.738	453.163	623.301	0.316	1.480	2.700	0.506	2.409	1.658	0.628	2.988	1.413
1107	36.833	453.876	649.273	0.336	1.558	2.760	0.521	2.455	1.791	0.639	3.027	1.490
1108	34.826	494.543	624.953	0.340	1.580	2.734	0.523	2.467	1.791	0.643	3.036	1.511
1109	44.107	477.335	702.127	0.317	1.482	2.637	0.506	2.411	1.605	0.629	2.990	1.398
1110	25.138	462.941	708.870	0.995	1.614	5.519	0.893	2.510	3.626	2.689	3.042	6.489
1111	33.522	436.447	719.258	0.357	1.589	2.898	0.541	2.472	1.955	0.646	3.048	1.513
1112	46.827	493.957	695.509	0.312	1.462	2.568	0.505	2.403	1.581	0.624	2.980	1.305
1113	42.697	514.243	664.534	0.323	1.491	2.665	0.512	2.413	1.683	0.632	2.994	1.414
1114	33.650	488.447	663.310	0.345	1.590	2.746	0.529	2.476	1.815	0.646	3.046	1.518
1115	37.737	477.445	668.788	0.332	1.544	2.689	0.518	2.444	1.743	0.638	3.018	1.466
1116	43.185	451.876	698.370	0.320	1.496	2.642	0.509	2.416	1.651	0.630	2.993	1.406
1117	22.410	457.122	662.381	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1118	40.278	451.610	681.950	0.337	1.511	2.861	0.527	2.430	1.849	0.638	3.007	1.499
1119	48.472	464.050	676.773	0.309	1.455	2.607	0.504	2.394	1.626	0.623	2.980	1.311
1120	20.881	494.196	652.707	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1121	33.506	451.791	640.496	0.369	1.577	3.116	0.556	2.459	2.138	0.663	3.043	1.712
1122	34.196	452.798	645.939	0.344	1.591	2.782	0.527	2.473	1.840	0.643	3.051	1.480
1123	35.284	474.682	672.639	0.339	1.572	2.720	0.523	2.462	1.779	0.642	3.033	1.495
1124	22.738	448.261	647.305	5.361	1.626	11.410	3.197	2.501	8.275	3.501	3.069	7.888
1125	46.938	395.065	683.204	0.321	1.462	2.878	0.515	2.395	1.829	0.629	2.994	1.401
1126	30.246	495.430	673.223	0.357	1.632	2.801	0.584	2.483	2.205	0.827	3.036	2.478
1127	34.765	507.760	660.482	0.343	1.571	2.752	0.532	2.454	1.917	0.645	3.044	1.490
1128	40.141	448.718	526.048	0.333	1.543	2.837	0.519	2.437	1.848	0.641	3.011	1.588
1129	34.720	471.232	626.656	0.337	1.584	2.779	0.520	2.469	1.786	0.638	3.037	1.483
1130	38.975	482.484	637.766	0.329	1.534	2.703	0.516	2.439	1.732	0.635	3.010	1.460
1131	26.669	477.579	703.844	0.631	1.616	4.432	0.906	2.493	3.545	1.053	3.050	3.223
1132	43.751	469.852	690.562	0.323	1.484	2.704	0.515	2.417	1.712	0.633	2.990	1.442
1133	37.366	473.597	723.353	0.334	1.549	2.655	0.520	2.452	1.716	0.640	3.030	1.440
1134	40.626	491.922	711.727	0.325	1.514	2.589	0.512	2.434	1.608	0.631	3.004	1.362
1135	29.714	486.258	676.308	0.362	1.645	2.811	0.540	2.503	1.916	0.660	3.059	1.680
1136	28.981	464.420	679.993	0.525	1.595	4.044	0.559	2.522	2.115	0.734	3.049	2.129
1137	33.963	436.146	609.373	0.351	1.598	2.896	0.534	2.470	1.952	0.651	3.055	1.593
1138	26.458	459.178	586.908	0.927	1.600	5.522	1.426	2.472	5.052	0.810	3.071	2.517
1139	45.138	479.494	651.207	0.317	1.473	2.732	0.510	2.410	1.708	0.630	2.990	1.424
1140	28.916	436.177	669.058	0.575	1.592	4.325	0.649	2.489	2.645	0.735	3.060	2.141

1141	45.244	471.642	702.400	0.317	1.471	2.666	0.510	2.415	1.639	0.625	2.986	1.327
1142	29.386	467.534	670.414	0.514	1.592	3.984	0.678	2.469	2.729	0.717	3.062	1.983
1143	19.903	508.130	675.495	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1144	36.645	520.438	689.732	0.357	1.530	2.947	0.548	2.436	1.991	0.652	3.010	1.610
1145	34.416	488.885	700.407	0.342	1.579	2.685	0.525	2.467	1.770	0.654	3.028	1.644
1146	39.807	456.193	664.439	0.329	1.527	2.698	0.516	2.433	1.731	0.637	3.016	1.448
1147	33.218	465.804	610.899	0.347	1.610	2.783	0.527	2.484	1.832	0.658	3.038	1.722
1148	39.231	473.645	671.182	0.327	1.530	2.684	0.516	2.443	1.713	0.636	3.011	1.461
1149	36.442	446.885	659.899	0.337	1.566	2.720	0.521	2.456	1.780	0.644	3.033	1.519
1150	24.897	429.716	632.068	1.051	1.619	5.918	0.902	2.523	3.533	2.149	3.049	5.694
1151	42.660	482.807	663.148	0.323	1.493	2.731	0.514	2.416	1.745	0.629	2.995	1.399
1152	37.902	474.874	640.278	0.333	1.546	2.712	0.518	2.445	1.752	0.636	3.021	1.425
1153	29.244	463.111	658.838	0.364	1.665	2.853	0.762	2.462	3.142	0.683	3.061	1.878
1154	33.351	523.764	691.850	0.346	1.583	2.745	0.666	2.445	2.600	0.647	3.051	1.499
1155	37.244	438.811	701.039	0.338	1.556	2.733	0.524	2.453	1.788	0.644	3.022	1.543
1156	36.482	445.932	664.602	0.337	1.566	2.711	0.520	2.459	1.730	0.643	3.030	1.520
1157	33.313	472.047	647.150	0.345	1.601	2.747	0.527	2.480	1.823	0.647	3.046	1.548
1158	29.676	465.745	651.781	0.362	1.653	2.867	0.571	2.504	2.204	0.656	3.069	1.645
1159	42.953	461.987	662.710	0.321	1.496	2.699	0.512	2.418	1.709	0.630	2.995	1.414
1160	31.740	466.517	684.987	0.353	1.622	2.782	0.534	2.492	1.871	0.650	3.057	1.567
1161	36.815	468.799	624.886	0.338	1.559	2.771	0.523	2.454	1.807	0.638	3.030	1.454
1162	30.776	457.659	618.048	0.356	1.644	2.841	0.534	2.500	1.925	0.663	3.059	1.758
1163	42.203	443.773	650.212	0.323	1.507	2.727	0.513	2.425	1.737	0.634	2.997	1.484
1164	42.671	453.946	662.199	0.320	1.503	2.661	0.510	2.418	1.690	0.629	3.001	1.370
1165	38.944	465.111	668.199	0.329	1.534	2.678	0.516	2.440	1.718	0.636	3.008	1.480
1166	36.049	481.258	687.638	0.336	1.564	2.663	0.520	2.458	1.736	0.644	3.031	1.515
1167	45.391	511.348	654.630	0.314	1.474	2.590	0.506	2.403	1.609	0.626	2.988	1.327
1168	35.240	451.053	708.286	0.342	1.575	2.745	0.527	2.465	1.811	0.645	3.038	1.519
1169	35.641	424.607	667.870	0.342	1.579	2.762	0.527	2.477	1.797	0.641	3.033	1.490
1170	33.383	478.370	694.358	0.343	1.595	2.699	0.527	2.479	1.787	0.645	3.045	1.510
1171	26.773	454.116	663.974	0.649	1.613	4.622	0.769	2.493	3.171	0.764	3.065	2.281
1172	40.034	466.355	672.301	0.330	1.518	2.747	0.520	2.441	1.754	0.634	3.010	1.434
1173	36.775	488.555	671.906	0.334	1.555	2.679	0.520	2.457	1.726	0.640	3.028	1.460
1174	44.499	454.196	676.486	0.318	1.487	2.654	0.510	2.421	1.652	0.630	2.992	1.402
1175	50.171	495.696	673.189	0.306	1.440	2.561	0.500	2.386	1.563	0.624	2.972	1.342
1176	49.865	459.335	670.731	0.311	1.441	2.683	0.505	2.381	1.674	0.626	2.972	1.389
1177	39.472	466.369	695.560	0.330	1.524	2.708	0.520	2.440	1.743	0.634	3.026	1.365
1178	29.524	474.259	646.727	0.498	1.590	3.940	0.636	2.479	2.605	0.663	3.085	1.673
1179	28.728	493.852	591.573	0.498	1.600	4.009	0.547	2.511	2.068	0.707	3.048	2.066
1180	36.975	429.604	630.841	0.339	1.562	2.847	0.526	2.458	1.865	0.643	3.026	1.564
1181	35.734	514.119	710.195	0.334	1.561	2.631	0.522	2.474	1.685	0.641	3.025	1.488
1182	40.153	514.988	610.768	0.327	1.522	2.661	0.517	2.440	1.697	0.638	3.005	1.484
1183	45.618	463.725	644.749	0.315	1.477	2.670	0.508	2.412	1.667	0.627	2.992	1.367
1184	32.248	448.170	690.662	0.353	1.616	2.810	0.533	2.488	1.885	0.652	3.068	1.566

1185	37.629	486.740	673.501	0.333	1.543	2.682	0.520	2.451	1.729	0.635	3.019	1.411
1186	34.136	453.528	645.398	0.346	1.593	2.778	0.527	2.474	1.835	0.643	3.044	1.502
1187	47.078	451.006	615.941	0.313	1.469	2.703	0.505	2.401	1.657	0.627	2.983	1.405
1188	56.259	470.131	620.565	0.301	1.398	2.749	0.498	2.370	1.613	0.618	2.954	1.328
1189	36.971	462.351	712.358	0.351	1.535	2.945	0.557	2.433	2.143	0.649	3.016	1.592
1190	34.740	433.714	650.360	0.345	1.591	2.763	0.527	2.470	1.835	0.648	3.037	1.580
1191	52.269	416.024	690.927	0.307	1.431	2.724	0.504	2.384	1.676	0.620	2.965	1.327
1192	50.371	461.407	646.586	0.311	1.436	2.723	0.505	2.381	1.678	0.625	2.970	1.387
1193	42.420	453.232	663.555	0.324	1.500	2.728	0.514	2.416	1.745	0.633	2.999	1.454
1194	30.579	495.621	630.614	0.461	1.577	3.739	0.535	2.504	1.876	0.662	3.053	1.734
1195	33.887	424.104	674.247	0.349	1.599	2.833	0.532	2.477	1.898	0.651	3.053	1.587
1196	26.741	479.916	656.738	0.939	1.593	5.326	0.689	2.511	2.767	1.022	3.052	3.173
1197	36.423	469.306	640.311	0.342	1.557	2.834	0.528	2.449	1.874	0.643	3.023	1.548
1198	27.012	438.174	674.702	0.579	1.611	4.350	0.854	2.491	3.478	0.843	3.049	2.644
1199	27.803	430.832	695.782	0.535	1.604	4.113	0.840	2.486	3.402	0.743	3.061	2.171
1200	42.909	415.669	679.688	0.319	1.468	2.811	0.514	2.414	1.767	0.632	3.008	1.408
1201	38.933	507.963	709.870	0.325	1.520	2.593	0.516	2.447	1.648	0.632	3.011	1.365
1202	52.549	493.280	674.707	0.300	1.401	2.599	0.499	2.376	1.543	0.622	2.967	1.309
1203	34.065	448.002	655.626	0.358	1.546	3.070	0.544	2.463	2.012	0.652	3.035	1.631
1204	36.357	492.895	663.575	0.334	1.550	2.694	0.520	2.453	1.752	0.643	3.034	1.490
1205	41.824	444.723	661.769	0.321	1.491	2.719	0.512	2.430	1.666	0.632	3.010	1.387
1206	29.736	494.780	693.387	0.463	1.584	3.671	0.630	2.477	2.522	0.700	3.059	1.903
1207	36.498	488.406	630.264	0.338	1.542	2.794	0.525	2.450	1.821	0.644	3.021	1.549
1208	32.438	486.275	622.978	0.347	1.604	2.787	0.529	2.484	1.856	0.652	3.051	1.610
1209	35.331	475.636	617.760	0.338	1.563	2.788	0.525	2.465	1.828	0.644	3.036	1.541
1210	27.790	479.478	666.465	0.568	1.601	4.217	0.763	2.477	3.151	0.750	3.049	2.233
1211	39.667	474.056	600.745	0.329	1.498	2.881	0.520	2.435	1.811	0.638	3.008	1.523
1212	41.822	490.882	607.275	0.319	1.487	2.752	0.511	2.423	1.712	0.631	3.000	1.434
1213	37.349	437.066	701.519	0.332	1.543	2.734	0.519	2.454	1.756	0.636	3.027	1.432
1214	28.630	474.614	652.567	0.538	1.589	4.108	0.669	2.475	2.776	0.815	3.048	2.489
1215	31.788	503.348	707.902	0.357	1.592	2.864	0.535	2.482	1.875	0.647	3.052	1.520
1216	35.601	514.089	635.627	0.339	1.555	2.737	0.530	2.451	1.898	0.640	3.036	1.441
1217	39.859	447.272	694.760	0.325	1.510	2.712	0.515	2.433	1.719	0.634	3.011	1.431
1218	38.521	470.314	651.498	0.331	1.540	2.685	0.515	2.446	1.670	0.641	3.021	1.496
1219	33.446	515.095	673.409	0.342	1.590	2.676	0.526	2.476	1.768	0.643	3.038	1.499
1220	38.920	528.696	648.538	0.329	1.527	2.643	0.516	2.437	1.699	0.633	3.010	1.386
1221	25.404	458.511	641.979	0.999	1.612	5.641	1.106	2.507	3.925	0.984	3.074	2.937
1222	47.629	465.734	667.714	0.316	1.453	2.745	0.508	2.394	1.693	0.626	2.982	1.365
1223	32.692	508.183	658.633	0.350	1.596	2.784	0.533	2.480	1.859	0.645	3.043	1.524
1224	45.342	449.386	670.668	0.317	1.479	2.681	0.510	2.416	1.666	0.632	2.989	1.442
1225	49.883	480.300	684.944	0.306	1.443	2.571	0.502	2.386	1.594	0.624	2.969	1.358
1226	25.812	435.666	671.936	0.979	1.608	5.580	0.729	2.502	3.070	1.119	3.057	3.570
1227	38.279	462.538	672.917	0.337	1.534	2.796	0.524	2.440	1.815	0.635	3.021	1.408
1228	42.422	437.802	655.292	0.322	1.510	2.681	0.513	2.438	1.657	0.634	3.000	1.464

1229	50.363	460.287	643.912	0.306	1.442	2.642	0.501	2.383	1.632	0.621	2.969	1.317
1230	33.464	467.584	688.276	0.350	1.587	2.838	0.535	2.478	1.891	0.644	3.061	1.442
1231	29.631	482.293	617.383	0.472	1.591	3.841	0.541	2.506	1.971	0.655	3.065	1.639
1232	30.217	469.102	686.303	0.442	1.591	3.603	0.540	2.499	1.948	0.658	3.058	1.676
1233	26.307	454.329	651.339	0.967	1.598	5.517	0.899	2.493	3.638	0.898	3.064	2.843
1234	39.502	493.740	636.901	0.332	1.521	2.776	0.520	2.432	1.792	0.634	3.009	1.441
1235	44.628	432.404	621.635	0.319	1.492	2.738	0.510	2.410	1.734	0.631	2.998	1.431
1236	36.898	510.493	622.127	0.332	1.554	2.691	0.517	2.450	1.743	0.635	3.024	1.424
1237	25.830	484.101	632.994	0.891	1.605	5.315	2.828	2.469	7.609	1.065	3.059	3.134
1238	35.227	485.568	645.796	0.345	1.567	2.837	0.531	2.458	1.886	0.639	3.038	1.447
1239	37.711	460.103	648.722	0.333	1.549	2.725	0.519	2.449	1.761	0.640	3.015	1.519
1240	24.976	461.380	625.731	0.972	1.619	5.626	0.947	2.515	3.537	0.867	3.084	2.764
1241	35.619	473.352	672.745	0.344	1.561	2.838	0.529	2.453	1.877	0.638	3.037	1.433
1242	27.602	445.247	709.414	0.601	1.609	4.356	0.806	2.471	3.318	0.926	3.049	2.911
1243	35.631	458.725	657.206	0.345	1.567	2.812	0.529	2.462	1.846	0.647	3.038	1.546
1244	28.361	472.312	665.244	0.675	1.587	4.579	0.578	2.505	2.278	0.734	3.056	2.121
1245	37.438	467.752	679.592	0.337	1.546	2.756	0.524	2.457	1.773	0.642	3.029	1.496
1246	36.244	506.655	670.173	0.335	1.558	2.655	0.521	2.459	1.719	0.644	3.034	1.501
1247	36.422	423.517	611.813	0.341	1.577	2.795	0.524	2.459	1.847	0.641	3.034	1.503
1248	41.044	486.697	666.849	0.321	1.512	2.644	0.512	2.437	1.639	0.631	3.002	1.411
1249	40.055	442.198	681.657	0.328	1.526	2.691	0.515	2.435	1.722	0.633	3.009	1.418
1250	49.362	480.204	637.610	0.311	1.443	2.703	0.505	2.388	1.661	0.626	2.975	1.390
1251	33.668	472.414	658.644	0.349	1.588	2.843	0.535	2.478	1.895	0.647	3.049	1.537
1252	27.893	502.633	681.120	0.541	1.606	4.056	0.943	2.473	3.624	0.732	3.062	2.066
1253	47.307	459.548	667.413	0.315	1.461	2.694	0.509	2.399	1.682	0.626	2.978	1.383
1254	41.925	510.941	653.292	0.322	1.500	2.654	0.513	2.420	1.689	0.634	3.003	1.435
1255	41.519	463.233	633.751	0.325	1.514	2.698	0.515	2.437	1.699	0.632	3.004	1.409
1256	38.824	453.860	668.952	0.329	1.536	2.696	0.517	2.448	1.723	0.637	3.021	1.450
1257	33.186	453.613	611.357	0.348	1.612	2.797	0.530	2.488	1.857	0.649	3.048	1.590
1258	25.948	448.793	656.879	0.948	1.606	5.507	1.371	2.491	4.587	2.089	3.036	5.512
1259	29.497	421.004	631.815	0.534	1.589	4.244	0.553	2.504	2.148	0.665	3.084	1.739
1260	34.066	476.689	671.070	0.343	1.583	2.778	0.528	2.474	1.827	0.642	3.039	1.494
1261	36.918	459.784	590.654	0.339	1.565	2.790	0.526	2.447	1.913	0.641	3.023	1.533
1262	23.503	488.500	661.679	3.377	1.613	9.145	2.504	2.497	7.036	1.070	3.090	3.200
1263	41.405	500.480	645.264	0.332	1.498	2.812	0.521	2.419	1.803	0.635	3.004	1.448
1264	37.748	481.300	668.449	0.332	1.545	2.677	0.519	2.451	1.728	0.641	3.019	1.506
1265	33.031	487.874	642.545	0.346	1.603	2.740	0.529	2.481	1.828	0.647	3.047	1.547
1266	39.736	446.016	669.679	0.329	1.529	2.712	0.517	2.441	1.731	0.636	3.006	1.483
1267	27.706	449.319	664.317	0.927	1.582	5.303	0.751	2.477	3.155	0.876	3.043	2.761
1268	38.535	469.321	619.303	0.334	1.539	2.789	0.521	2.440	1.812	0.640	3.017	1.515
1269	37.482	492.523	682.428	0.330	1.546	2.643	0.514	2.452	1.635	0.635	3.022	1.412
1270	38.057	469.372	624.337	0.334	1.548	2.730	0.520	2.448	1.766	0.642	3.018	1.539
1271	44.567	494.434	664.273	0.315	1.480	2.624	0.507	2.406	1.653	0.628	2.989	1.378
1272	32.340	468.096	707.141	0.352	1.609	2.769	0.533	2.484	1.857	0.648	3.064	1.495

1273	34.223	494.173	680.766	0.344	1.581	2.714	0.528	2.470	1.795	0.645	3.047	1.482
1274	44.772	472.246	667.944	0.317	1.482	2.636	0.508	2.426	1.569	0.628	2.990	1.375
1275	35.803	469.126	627.557	0.427	1.523	3.567	0.524	2.463	1.808	0.641	3.035	1.476
1276	32.181	460.260	636.157	0.479	1.559	3.847	0.533	2.497	1.869	0.649	3.053	1.584
1277	46.200	465.560	727.372	0.313	1.467	2.611	0.507	2.410	1.616	0.627	2.993	1.339
1278	46.909	459.938	634.321	0.316	1.467	2.684	0.509	2.404	1.682	0.627	2.990	1.340
1279	32.398	430.445	678.224	0.353	1.620	2.836	0.536	2.497	1.903	0.649	3.055	1.577
1280	30.829	478.150	638.905	0.357	1.632	2.844	0.536	2.496	1.913	0.654	3.059	1.631
1281	57.676	484.415	626.027	0.298	1.398	2.646	0.497	2.357	1.610	0.618	2.949	1.316
1282	41.505	470.522	660.242	0.343	1.490	2.972	0.553	2.406	2.130	0.644	2.990	1.579
1283	31.878	448.420	667.078	0.354	1.626	2.813	0.534	2.494	1.888	0.650	3.054	1.589
1284	43.702	467.003	709.962	0.318	1.487	2.634	0.509	2.414	1.655	0.627	2.996	1.340
1285	32.462	507.330	669.389	0.440	1.553	3.551	0.531	2.481	1.822	0.648	3.043	1.541
1286	30.157	487.392	735.638	0.442	1.584	3.533	0.539	2.502	1.880	0.659	3.077	1.600
1287	35.309	436.156	685.510	0.347	1.573	2.806	0.531	2.467	1.850	0.643	3.040	1.473
1288	37.174	485.058	678.141	0.333	1.549	2.670	0.520	2.456	1.715	0.636	3.025	1.415
1289	35.164	481.137	691.492	0.339	1.572	2.682	0.523	2.465	1.755	0.643	3.038	1.479
1290	46.693	487.775	679.228	0.314	1.463	2.611	0.504	2.402	1.559	0.624	2.981	1.315
1291	26.680	425.664	661.286	0.951	1.596	5.518	1.039	2.496	4.006	0.867	3.067	2.743
1292	36.063	470.202	707.510	0.340	1.560	2.759	0.528	2.470	1.790	0.643	3.033	1.507
1293	31.755	461.082	648.592	0.424	1.572	3.532	0.534	2.492	1.882	0.649	3.059	1.546
1294	28.690	455.258	635.438	0.605	1.591	4.439	0.634	2.488	2.641	0.856	3.046	2.665
1295	34.401	438.632	652.827	0.346	1.587	2.841	0.530	2.467	1.892	0.644	3.052	1.497
1296	34.944	490.332	683.266	0.338	1.574	2.689	0.523	2.466	1.759	0.643	3.042	1.474
1297	32.736	502.618	692.187	0.347	1.599	2.699	0.529	2.481	1.798	0.651	3.050	1.560
1298	33.680	508.823	646.543	0.346	1.588	2.738	0.528	2.472	1.815	0.650	3.045	1.560
1299	42.220	462.240	664.128	0.323	1.504	2.683	0.512	2.421	1.700	0.632	3.008	1.387
1300	33.122	477.219	654.730	0.347	1.601	2.756	0.528	2.478	1.831	0.644	3.049	1.494
1301	38.122	424.433	638.114	0.335	1.553	2.768	0.520	2.448	1.804	0.642	3.017	1.558
1302	33.088	467.631	685.675	0.345	1.606	2.718	0.527	2.481	1.810	0.649	3.046	1.584
1303	30.209	490.892	665.023	0.358	1.636	2.807	0.537	2.498	1.905	0.738	3.044	2.139
1304	28.960	510.892	674.721	0.465	1.596	3.700	0.639	2.475	2.585	0.659	3.069	1.643
1305	28.367	465.013	604.595	0.704	1.584	4.785	0.557	2.533	2.094	0.663	3.072	1.741
1306	27.688	406.915	680.036	0.574	1.611	4.434	0.878	2.472	3.613	0.924	3.049	2.926
1307	26.300	495.997	641.169	0.811	1.604	5.016	1.158	2.473	4.285	0.906	3.063	2.818
1308	47.133	472.893	646.347	0.317	1.458	2.746	0.510	2.400	1.704	0.625	2.979	1.355
1309	27.546	481.982	636.494	0.577	1.609	4.310	0.639	2.508	2.606	0.830	3.043	2.597
1310	29.021	450.779	678.006	0.478	1.604	3.855	0.898	2.464	3.550	0.875	3.033	2.725
1311	34.890	439.688	677.591	0.345	1.579	2.806	0.529	2.467	1.855	0.644	3.040	1.520
1312	25.093	439.950	688.217	0.951	1.617	5.544	0.693	2.517	2.878	1.425	3.049	4.239
1313	48.914	443.069	658.943	0.314	1.448	2.747	0.508	2.387	1.714	0.625	2.973	1.380
1314	36.114	481.925	669.992	0.339	1.559	2.755	0.525	2.453	1.816	0.637	3.030	1.426
1315	35.582	479.089	679.879	0.338	1.568	2.693	0.523	2.462	1.759	0.642	3.036	1.478
1316	30.199	458.889	665.467	0.559	1.575	4.185	0.545	2.502	2.003	0.667	3.059	1.778

1317	44.099	453.862	630.564	0.320	1.491	2.718	0.512	2.418	1.718	0.633	2.993	1.466
1318	41.468	535.431	676.649	0.319	1.503	2.582	0.511	2.431	1.612	0.632	3.001	1.404
1319	33.292	499.267	604.242	0.349	1.598	2.795	0.529	2.475	1.853	0.649	3.039	1.590
1320	36.056	447.690	637.883	0.339	1.570	2.781	0.523	2.461	1.819	0.640	3.030	1.494
1321	37.310	454.566	636.352	0.334	1.556	2.739	0.517	2.457	1.711	0.639	3.040	1.429
1322	28.454	503.861	649.930	0.609	1.589	4.317	0.751	2.478	3.037	0.778	3.049	2.335
1323	34.179	465.029	641.967	0.348	1.584	2.848	0.533	2.479	1.873	0.644	3.042	1.525
1324	40.915	477.803	656.743	0.324	1.514	2.673	0.513	2.430	1.698	0.635	3.011	1.438
1325	25.870	447.891	697.518	1.112	1.603	5.721	0.812	2.511	3.240	0.928	3.065	2.901
1326	27.627	459.744	659.220	0.606	1.607	4.428	0.832	2.473	3.419	0.740	3.064	2.160
1327	39.905	474.973	667.397	0.330	1.518	2.739	0.518	2.434	1.754	0.634	3.009	1.435
1328	27.578	459.563	645.478	0.953	1.584	5.379	0.721	2.483	3.045	0.785	3.057	2.427
1329	39.870	423.735	637.692	0.333	1.530	2.827	0.521	2.441	1.820	0.638	3.015	1.498
1330	42.780	468.889	644.562	0.320	1.502	2.668	0.510	2.420	1.698	0.632	3.008	1.405
1331	27.867	444.334	640.289	0.541	1.614	4.248	0.848	2.472	3.494	1.065	3.044	3.300
1332	37.292	464.376	656.319	0.413	1.509	3.471	0.523	2.449	1.812	0.638	3.020	1.480
1333	38.133	450.684	689.694	0.331	1.544	2.684	0.517	2.451	1.690	0.637	3.018	1.461
1334	30.476	492.458	673.207	0.355	1.633	2.760	0.535	2.498	1.864	0.654	3.071	1.566
1335	40.526	452.412	665.180	0.329	1.519	2.727	0.517	2.429	1.755	0.633	3.016	1.394
1336	36.155	452.485	652.917	0.337	1.570	2.725	0.521	2.459	1.779	0.639	3.031	1.461
1337	33.118	503.145	653.598	0.344	1.596	2.717	0.526	2.477	1.799	0.643	3.048	1.476
1338	40.280	468.240	648.003	0.328	1.522	2.707	0.516	2.437	1.725	0.634	3.010	1.422
1339	33.434	430.885	686.844	0.348	1.606	2.777	0.529	2.483	1.838	0.650	3.046	1.603
1340	36.476	462.070	586.451	0.339	1.572	2.792	0.522	2.457	1.829	0.641	3.031	1.512
1341	33.775	473.972	658.389	0.341	1.592	2.745	0.658	2.444	2.630	0.741	3.017	2.145
1342	39.427	465.500	705.044	0.328	1.527	2.661	0.515	2.435	1.704	0.634	3.018	1.383
1343	44.173	499.563	650.735	0.317	1.486	2.613	0.509	2.418	1.617	0.627	2.991	1.349
1344	35.659	515.486	652.976	0.337	1.563	2.688	0.523	2.466	1.747	0.644	3.034	1.510
1345	40.339	483.371	711.676	0.325	1.516	2.627	0.514	2.431	1.670	0.633	3.017	1.363
1346	39.656	510.357	674.978	0.327	1.522	2.618	0.515	2.435	1.670	0.636	3.010	1.423
1347	35.310	459.416	730.574	0.364	1.552	3.011	0.524	2.463	1.765	0.646	3.043	1.502
1348	40.551	489.235	641.457	0.327	1.519	2.667	0.517	2.444	1.683	0.637	3.003	1.477
1349	35.105	461.946	640.705	0.340	1.580	2.752	0.524	2.465	1.810	0.640	3.035	1.476
1350	33.879	469.379	665.494	0.343	1.591	2.738	0.526	2.473	1.812	0.643	3.052	1.466
1351	33.741	514.162	608.673	0.344	1.589	2.760	0.527	2.475	1.818	0.644	3.043	1.508
1352	52.737	476.547	653.777	0.302	1.423	2.617	0.499	2.374	1.599	0.619	2.967	1.279
1353	26.389	482.196	694.394	0.893	1.596	5.173	0.810	2.501	3.267	0.982	3.059	3.023
1354	46.118	488.793	615.639	0.320	1.467	2.745	0.512	2.397	1.739	0.629	2.984	1.417
1355	32.765	450.475	663.368	0.350	1.609	2.818	0.532	2.481	1.892	0.651	3.052	1.599
1356	50.160	425.759	662.527	0.310	1.446	2.721	0.504	2.384	1.688	0.623	2.975	1.343
1357	38.235	519.163	706.914	0.331	1.528	2.675	0.521	2.445	1.723	0.637	3.012	1.449
1358	31.767	469.747	614.390	0.355	1.626	2.821	0.535	2.490	1.915	0.663	3.058	1.717
1359	33.382	505.319	650.143	0.344	1.590	2.747	0.756	2.440	3.033	0.760	3.020	2.202
1360	37.507	475.416	683.807	0.336	1.542	2.746	0.520	2.452	1.731	0.636	3.024	1.413

1361	36.801	514.518	632.536	0.334	1.554	2.670	0.519	2.450	1.739	0.638	3.026	1.445
1362	33.564	462.727	669.311	0.345	1.596	2.748	0.527	2.475	1.826	0.647	3.049	1.528
1363	49.913	467.022	634.714	0.308	1.445	2.648	0.504	2.384	1.667	0.622	2.974	1.322
1364	31.881	439.426	666.406	0.359	1.620	2.914	0.541	2.491	1.978	0.652	3.051	1.638
1365	36.448	448.584	681.926	0.337	1.563	2.734	0.522	2.455	1.785	0.641	3.029	1.492
1366	36.669	471.081	641.617	0.336	1.561	2.721	0.521	2.457	1.768	0.643	3.018	1.551
1367	30.662	495.455	613.206	0.389	1.600	3.271	0.534	2.498	1.904	0.650	3.060	1.580
1368	43.387	495.413	684.563	0.319	1.485	2.658	0.509	2.412	1.661	0.628	2.990	1.380
1369	41.755	457.978	677.102	0.324	1.508	2.667	0.512	2.423	1.693	0.632	3.009	1.380
1370	44.765	479.719	682.020	0.316	1.480	2.613	0.506	2.409	1.592	0.627	2.998	1.323
1371	39.329	511.855	651.480	0.329	1.525	2.667	0.516	2.437	1.709	0.636	3.019	1.418
1372	33.516	448.208	633.981	0.348	1.604	2.800	0.529	2.477	1.864	0.647	3.041	1.575
1373	41.171	494.326	678.412	0.322	1.507	2.637	0.511	2.425	1.670	0.631	3.003	1.400
1374	36.761	525.087	682.704	0.333	1.549	2.622	0.517	2.454	1.653	0.640	3.023	1.463
1375	52.036	470.826	708.536	0.304	1.429	2.551	0.500	2.377	1.574	0.621	2.973	1.266
1376	26.245	445.454	647.069	0.891	1.602	5.394	0.992	2.498	3.891	1.038	3.043	3.299
1377	39.289	482.252	691.580	0.339	1.515	2.847	0.520	2.433	1.772	0.637	3.011	1.467
1378	32.016	486.454	723.839	0.436	1.563	3.498	0.532	2.488	1.816	0.723	3.033	2.019
1379	25.886	472.630	665.032	0.974	1.602	5.455	0.677	2.516	2.744	0.853	3.069	2.669
1380	41.047	492.905	637.643	0.329	1.506	2.769	0.518	2.424	1.771	0.632	3.009	1.392
1381	35.155	479.264	661.242	0.340	1.574	2.728	0.524	2.467	1.781	0.640	3.038	1.454
1382	54.053	494.734	654.480	0.302	1.412	2.613	0.498	2.369	1.569	0.620	2.961	1.303
1383	32.857	446.564	669.878	0.367	1.590	3.045	0.551	2.468	2.083	0.660	3.038	1.701
1384	40.981	456.094	694.954	0.325	1.514	2.673	0.513	2.427	1.703	0.632	3.011	1.375
1385	31.518	479.056	631.980	0.353	1.626	2.792	0.535	2.501	1.867	0.659	3.046	1.710
1386	31.445	442.963	710.562	0.438	1.574	3.599	0.535	2.494	1.900	0.649	3.064	1.541
1387	39.135	473.499	644.742	0.352	1.513	3.005	0.518	2.438	1.744	0.635	3.016	1.424
1388	28.292	478.597	686.799	0.562	1.599	4.164	0.662	2.493	2.646	0.777	3.047	2.302
1389	33.545	453.502	709.443	0.351	1.592	2.810	0.535	2.479	1.874	0.650	3.045	1.580
1390	36.260	474.131	683.873	0.337	1.560	2.689	0.522	2.457	1.754	0.643	3.033	1.492
1391	32.069	469.751	641.147	0.352	1.618	2.800	0.532	2.486	1.877	0.650	3.061	1.548
1392	36.368	444.343	609.134	0.340	1.572	2.813	0.524	2.457	1.850	0.642	3.028	1.539
1393	38.706	417.210	612.601	0.332	1.552	2.791	0.518	2.446	1.814	0.638	3.020	1.516
1394	30.127	469.146	672.290	0.355	1.646	2.790	0.689	2.473	2.800	0.698	3.051	1.957
1395	38.404	505.720	629.388	0.332	1.535	2.713	0.519	2.437	1.766	0.636	3.016	1.434
1396	34.748	452.062	695.929	0.342	1.585	2.730	0.525	2.470	1.798	0.642	3.042	1.476
1397	41.186	460.512	569.557	0.328	1.524	2.761	0.517	2.443	1.747	0.633	3.006	1.441
1398	32.715	412.456	685.323	0.348	1.620	2.808	0.528	2.487	1.877	0.646	3.051	1.558
1399	33.672	459.600	616.008	0.347	1.601	2.804	0.529	2.476	1.868	0.647	3.054	1.542
1400	32.670	456.280	630.588	0.349	1.613	2.826	0.532	2.494	1.872	0.651	3.048	1.628
1401	36.518	421.613	675.788	0.338	1.570	2.767	0.523	2.459	1.818	0.639	3.036	1.461
1402	28.826	470.982	688.958	0.562	1.592	4.165	0.624	2.488	2.489	0.656	3.081	1.593
1403	40.392	430.473	642.669	0.332	1.524	2.789	0.519	2.432	1.801	0.640	3.015	1.510
1404	30.864	461.312	696.520	0.354	1.636	2.759	0.536	2.520	1.827	0.668	3.047	1.762

1405	48.114	502.106	657.219	0.312	1.451	2.630	0.504	2.391	1.613	0.625	2.975	1.347
1406	32.115	480.093	643.686	0.356	1.608	2.865	0.538	2.484	1.934	0.654	3.063	1.593
1407	34.772	496.941	683.673	0.340	1.573	2.712	0.525	2.465	1.780	0.641	3.032	1.476
1408	33.278	489.941	741.452	0.346	1.593	2.675	0.529	2.479	1.773	0.658	3.028	1.681
1409	33.439	495.840	719.797	0.348	1.592	2.703	0.536	2.466	1.915	0.651	3.038	1.574
1410	39.547	420.496	602.983	0.334	1.543	2.782	0.520	2.442	1.807	0.644	3.023	1.550
1411	34.666	517.428	674.281	0.336	1.572	2.681	0.521	2.469	1.732	0.641	3.042	1.457
1412	28.187	511.791	667.126	0.504	1.601	3.904	0.543	2.527	1.880	0.717	3.059	2.000
1413	27.121	490.053	662.604	0.698	1.603	4.634	0.769	2.495	3.132	0.734	3.066	2.109
1414	40.106	506.840	670.957	0.330	1.512	2.718	0.519	2.426	1.753	0.634	3.005	1.435
1415	34.593	446.134	641.020	0.344	1.590	2.775	0.527	2.471	1.836	0.644	3.038	1.527
1416	31.259	495.615	667.903	0.438	1.568	3.578	0.721	2.456	2.935	0.648	3.055	1.536
1417	42.046	440.392	612.558	0.326	1.512	2.758	0.516	2.434	1.749	0.634	3.006	1.454
1418	34.158	493.226	649.207	0.340	1.586	2.719	0.523	2.475	1.753	0.644	3.043	1.512
1419	47.479	517.000	686.269	0.310	1.455	2.566	0.502	2.395	1.549	0.624	2.981	1.306
1420	42.750	480.939	628.990	0.325	1.499	2.720	0.515	2.418	1.736	0.634	2.993	1.471
1421	44.553	495.023	653.705	0.316	1.481	2.643	0.507	2.407	1.654	0.627	2.991	1.361
1422	38.697	457.856	678.286	0.330	1.538	2.682	0.516	2.445	1.696	0.640	3.015	1.503
1423	30.420	451.171	661.108	0.360	1.649	2.837	0.538	2.505	1.929	0.658	3.061	1.672
1424	32.470	475.931	689.750	0.351	1.608	2.779	0.533	2.482	1.871	0.647	3.049	1.541
1425	44.488	506.566	636.666	0.318	1.481	2.640	0.509	2.409	1.656	0.630	2.984	1.416
1426	31.907	483.653	681.963	0.431	1.564	3.525	0.532	2.488	1.848	0.649	3.050	1.567
1427	30.757	498.163	635.504	0.358	1.628	2.836	0.538	2.495	1.920	0.652	3.057	1.595
1428	34.869	454.346	612.807	0.345	1.585	2.829	0.528	2.465	1.879	0.656	3.034	1.698
1429	31.956	457.419	697.368	0.350	1.620	2.756	0.530	2.490	1.849	0.648	3.051	1.566
1430	39.144	436.649	598.954	0.334	1.543	2.789	0.523	2.459	1.787	0.641	3.022	1.522
1431	34.391	487.718	680.457	0.338	1.581	2.689	0.523	2.471	1.763	0.639	3.038	1.445
1432	32.343	479.973	685.060	0.350	1.607	2.750	0.531	2.483	1.838	0.648	3.052	1.529
1433	32.746	464.019	701.431	0.351	1.604	2.772	0.533	2.483	1.854	0.649	3.051	1.542
1434	31.622	493.339	651.159	0.354	1.615	2.799	0.534	2.487	1.879	0.657	3.056	1.640
1435	37.128	453.017	673.898	0.336	1.553	2.737	0.522	2.452	1.787	0.642	3.024	1.523
1436	32.540	448.602	595.677	0.352	1.623	2.850	0.533	2.499	1.915	0.648	3.054	1.591
1437	44.216	471.253	665.036	0.316	1.484	2.680	0.508	2.411	1.672	0.627	2.994	1.368
1438	24.358	499.587	684.474	0.981	1.626	5.480	1.443	2.483	4.789	1.079	3.069	3.176
1439	31.216	498.714	665.774	0.366	1.605	2.955	0.549	2.479	2.024	0.658	3.061	1.626
1440	42.652	491.985	675.944	0.321	1.494	2.648	0.512	2.419	1.670	0.628	2.995	1.353
1441	29.903	447.781	678.012	0.493	1.588	3.913	0.568	2.492	2.204	0.769	3.041	2.274
1442	33.034	451.976	653.649	0.348	1.608	2.792	0.530	2.481	1.868	0.647	3.053	1.532
1443	48.479	442.472	647.791	0.311	1.456	2.694	0.504	2.390	1.675	0.623	2.976	1.345
1444	34.547	443.402	708.952	0.345	1.583	2.783	0.722	2.438	2.850	0.643	3.047	1.473
1445	37.863	498.003	663.630	0.331	1.541	2.654	0.519	2.450	1.708	0.637	3.016	1.453
1446	39.310	463.945	657.908	0.329	1.533	2.689	0.516	2.439	1.726	0.639	3.009	1.504
1447	27.142	440.635	664.120	0.990	1.587	5.500	0.726	2.487	3.029	0.870	3.047	2.761
1448	30.238	475.950	654.014	0.504	1.578	3.941	0.545	2.501	1.993	0.651	3.065	1.581

1449	40.340	453.749	637.149	0.329	1.523	2.749	0.517	2.431	1.766	0.636	3.015	1.451
1450	38.957	469.952	652.648	0.327	1.535	2.675	0.000	0.000	0.000	0.639	3.019	1.484
1451	28.472	495.807	667.628	0.504	1.603	3.926	0.639	2.495	2.537	0.741	3.047	2.150
1452	39.189	455.605	673.849	0.332	1.529	2.742	0.520	2.435	1.783	0.634	3.013	1.409
1453	38.141	457.471	645.417	0.332	1.547	2.705	0.000	0.000	0.000	0.000	0.000	0.000
1454	47.407	457.491	621.814	0.312	1.466	2.681	0.504	2.397	1.643	0.626	2.986	1.370
1455	29.180	483.956	679.830	0.532	1.590	4.037	0.553	2.522	2.015	0.751	3.042	2.238
1456	33.176	464.474	645.060	0.352	1.598	2.849	0.534	2.474	1.914	0.658	3.044	1.690
1457	31.607	438.315	723.271	0.354	1.624	2.803	0.536	2.505	1.867	0.652	3.070	1.555
1458	31.393	471.798	626.131	0.357	1.627	2.845	0.537	2.491	1.936	0.667	3.055	1.767
1459	44.970	485.109	679.536	0.315	1.476	2.634	0.509	2.405	1.672	0.626	2.990	1.327
1460	30.100	448.924	701.645	0.363	1.643	2.862	0.544	2.520	1.920	0.720	3.046	2.020
1461	39.775	485.076	646.774	0.329	1.525	2.696	0.518	2.440	1.727	0.633	3.010	1.400
1462	33.095	485.738	704.377	0.346	1.600	2.703	0.527	2.478	1.795	0.644	3.051	1.469
1463	36.456	459.351	635.470	0.339	1.565	2.753	0.524	2.456	1.804	0.646	3.035	1.540
1464	39.445	503.344	678.118	0.325	1.525	2.629	0.512	2.436	1.645	0.636	3.009	1.461
1465	60.947	513.190	685.544	0.290	1.354	2.519	0.491	2.332	1.502	0.611	2.930	1.204
1466	28.853	438.971	663.827	0.579	1.592	4.337	0.728	2.472	3.039	0.664	3.077	1.707
1467	28.303	432.055	664.552	0.716	1.587	4.817	0.697	2.479	2.951	0.727	3.063	2.130
1468	34.818	437.612	666.732	0.345	1.581	2.818	0.818	2.423	3.203	0.642	3.036	1.518
1469	42.435	474.581	618.223	0.322	1.506	2.689	0.512	2.437	1.652	0.632	3.000	1.434
1470	39.882	463.603	676.144	0.326	1.524	2.687	0.515	2.440	1.703	0.634	3.008	1.436
1471	50.883	450.704	673.577	0.306	1.440	2.625	0.502	2.381	1.627	0.626	2.978	1.363
1472	40.645	441.365	575.427	0.334	1.524	2.888	0.521	2.426	1.878	0.638	3.009	1.534
1473	37.443	498.091	708.339	0.328	1.543	2.645	0.515	2.446	1.700	0.636	3.030	1.408
1474	32.882	461.200	618.558	0.352	1.613	2.809	0.534	2.493	1.873	0.647	3.049	1.546
1475	35.380	474.530	632.417	0.339	1.575	2.753	0.524	2.465	1.807	0.646	3.040	1.547
1476	45.355	449.471	680.775	0.315	1.479	2.655	0.506	2.406	1.636	0.626	2.990	1.349
1477	26.912	452.085	616.375	0.708	1.604	4.904	0.853	2.495	3.503	0.934	3.044	2.990
1478	34.784	456.450	686.563	0.344	1.574	2.814	0.529	2.467	1.858	0.640	3.041	1.456
1479	43.726	451.935	632.853	0.320	1.496	2.692	0.509	2.428	1.612	0.633	2.992	1.472
1480	40.726	460.365	653.946	0.324	1.520	2.681	0.512	2.435	1.666	0.634	3.007	1.440
1481	36.078	488.412	676.374	0.335	1.563	2.670	0.776	2.423	2.980	0.637	3.029	1.427
1482	35.807	466.179	687.032	0.338	1.566	2.704	0.523	2.461	1.765	0.639	3.033	1.441
1483	31.169	446.843	699.053	0.481	1.573	3.811	0.536	2.495	1.894	0.730	3.045	2.097
1484	28.015	491.641	693.312	0.551	1.603	4.079	0.621	2.500	2.427	0.932	3.047	2.839
1485	42.273	463.952	633.322	0.326	1.503	2.743	0.515	2.418	1.758	0.632	3.001	1.414
1486	53.018	471.132	587.070	0.303	1.427	2.687	0.501	2.381	1.646	0.620	2.964	1.324
1487	39.995	446.970	632.696	0.332	1.521	2.849	0.522	2.431	1.858	0.636	3.017	1.480
1488	38.981	487.343	641.180	0.327	1.535	2.669	0.514	2.442	1.683	0.637	3.008	1.500
1489	41.231	459.726	680.305	0.324	1.513	2.665	0.510	2.434	1.614	0.631	3.008	1.375
1490	42.243	487.862	638.957	0.321	1.504	2.647	0.511	2.420	1.683	0.631	2.997	1.418
1491	43.887	444.186	658.228	0.319	1.494	2.685	0.509	2.429	1.608	0.632	2.989	1.469
1492	50.645	483.023	609.943	0.306	1.440	2.652	0.501	2.380	1.642	0.621	2.968	1.319

1493	34.540	470.832	643.024	0.346	1.578	2.852	0.533	2.474	1.888	0.641	3.039	1.488
1494	32.112	451.907	623.701	0.353	1.623	2.836	0.533	2.488	1.913	0.660	3.046	1.742
1495	38.941	432.234	648.373	0.330	1.541	2.753	0.518	2.443	1.777	0.636	3.013	1.484
1496	29.930	463.921	675.474	0.508	1.585	3.952	0.536	2.508	1.893	0.658	3.069	1.652
1497	38.846	442.592	674.273	0.333	1.536	2.750	0.519	2.440	1.773	0.638	3.014	1.494
1498	31.630	462.786	677.160	0.352	1.624	2.764	0.531	2.492	1.847	0.654	3.067	1.578
1499	28.251	453.449	642.936	0.537	1.609	4.195	0.749	2.474	3.146	0.759	3.052	2.323
1500	31.243	443.280	673.085	0.360	1.630	2.893	0.543	2.510	1.944	0.653	3.060	1.623
1501	27.759	471.116	674.664	0.573	1.606	4.259	0.887	2.481	3.503	0.797	3.061	2.402
1502	38.030	490.512	693.266	0.334	1.534	2.707	0.521	2.440	1.761	0.636	3.023	1.405
1503	44.946	462.400	604.172	0.319	1.488	2.693	0.509	2.423	1.627	0.632	2.985	1.476
1504	24.615	469.009	658.049	0.980	1.622	5.605	1.309	2.484	4.582	2.166	3.047	5.655
1505	30.241	429.675	706.284	0.512	1.581	4.007	0.582	2.487	2.249	0.669	3.056	1.782
1506	31.762	457.428	623.431	0.357	1.624	2.874	0.538	2.488	1.956	0.652	3.056	1.611
1507	35.785	469.943	636.304	0.338	1.569	2.764	0.523	2.459	1.811	0.641	3.031	1.505
1508	27.521	442.785	670.769	0.920	1.583	5.339	0.786	2.493	3.236	0.758	3.069	2.228
1509	33.271	491.240	683.222	0.349	1.589	2.792	0.531	2.470	1.863	0.647	3.044	1.531
1510	41.645	479.516	676.363	0.324	1.505	2.654	0.513	2.424	1.681	0.633	2.996	1.441
1511	42.718	470.486	668.585	0.321	1.499	2.649	0.510	2.428	1.623	0.631	2.995	1.411
1512	30.047	492.175	644.468	0.358	1.643	2.801	0.538	2.511	1.890	0.710	3.050	2.014
1513	29.614	448.675	678.165	0.500	1.590	3.955	0.546	2.512	2.002	0.661	3.081	1.666
1514	57.044	448.057	699.454	0.300	1.403	2.634	0.497	2.359	1.605	0.618	2.961	1.264
1515	53.210	503.846	679.610	0.312	1.408	2.725	0.509	2.359	1.717	0.624	2.957	1.371
1516	27.778	437.373	623.424	0.630	1.602	4.630	0.687	2.496	2.866	0.686	3.081	1.927
1517	32.909	462.219	666.677	0.350	1.599	2.844	0.533	2.479	1.902	0.645	3.051	1.516
1518	38.430	487.145	638.758	0.331	1.538	2.704	0.518	2.442	1.742	0.640	3.016	1.507
1519	35.011	422.721	676.167	0.342	1.588	2.761	0.526	2.470	1.831	0.643	3.051	1.477
1520	41.029	474.324	649.379	0.324	1.517	2.658	0.514	2.443	1.644	0.633	3.005	1.430
1521	32.871	477.781	630.094	0.348	1.607	2.777	0.529	2.483	1.845	0.651	3.048	1.602
1522	37.550	511.194	667.439	0.331	1.542	2.664	0.519	2.449	1.716	0.639	3.016	1.488
1523	29.481	480.189	674.510	0.495	1.591	3.888	0.540	2.507	1.930	0.719	3.058	2.029
1524	38.629	513.953	639.488	0.332	1.531	2.709	0.520	2.444	1.738	0.636	3.015	1.433
1525	33.804	519.760	645.804	0.342	1.587	2.700	0.525	2.471	1.780	0.646	3.037	1.535
1526	47.470	435.385	690.405	0.313	1.464	2.668	0.505	2.396	1.657	0.625	2.979	1.363
1527	35.564	443.191	651.409	0.342	1.576	2.784	0.528	2.467	1.840	0.646	3.037	1.553
1528	40.307	466.963	670.615	0.325	1.521	2.663	0.512	2.434	1.654	0.633	3.005	1.436
1529	33.545	528.774	633.060	0.343	1.590	2.704	0.525	2.473	1.782	0.649	3.048	1.553
1530	33.919	412.735	729.480	0.347	1.599	2.782	0.529	2.475	1.857	0.649	3.041	1.595
1531	39.108	441.142	649.037	0.332	1.539	2.723	0.518	2.442	1.752	0.637	3.011	1.484
1532	30.394	464.703	683.075	0.473	1.583	3.770	0.534	2.504	1.872	0.777	3.026	2.398
1533	31.943	486.257	706.106	0.376	1.592	3.057	0.538	2.508	1.835	0.649	3.066	1.494
1534	48.883	474.138	659.948	0.311	1.450	2.629	0.504	2.390	1.628	0.628	2.976	1.403
1535	24.863	488.617	617.434	1.018	1.619	5.651	0.902	2.505	3.677	2.152	3.048	5.618
1536	37.740	514.889	634.791	0.336	1.535	2.792	0.524	2.441	1.823	0.639	3.026	1.467

1537	33.796	463.059	682.947	0.344	1.592	2.734	0.527	2.471	1.818	0.646	3.055	1.487
1538	36.430	447.861	647.744	0.339	1.565	2.760	0.522	2.456	1.798	0.644	3.034	1.527
1539	38.792	452.911	625.458	0.331	1.543	2.733	0.514	2.447	1.687	0.635	3.020	1.436
1540	26.025	450.295	693.466	0.930	1.602	5.378	0.913	2.494	3.657	0.936	3.069	2.756
1541	38.102	426.093	610.372	0.341	1.547	2.892	0.527	2.443	1.904	0.641	3.016	1.559
1542	34.050	492.306	653.742	0.363	1.564	3.047	0.523	2.476	1.764	0.644	3.032	1.558
1543	32.870	429.378	703.742	0.478	1.552	3.810	0.531	2.482	1.872	0.659	3.048	1.691
1544	43.672	456.254	682.133	0.319	1.492	2.644	0.510	2.414	1.669	0.633	2.991	1.448
1545	28.167	479.701	661.924	0.656	1.593	4.512	0.671	2.479	2.748	0.770	3.045	2.347
1546	29.302	437.136	625.184	0.532	1.592	4.205	0.552	2.522	2.075	0.669	3.069	1.784
1547	35.649	464.651	587.875	0.342	1.576	2.841	0.526	2.460	1.881	0.645	3.033	1.585
1548	48.111	491.196	695.624	0.309	1.449	2.626	0.503	2.392	1.611	0.623	2.984	1.288
1549	43.691	471.353	678.890	0.322	1.488	2.683	0.513	2.412	1.710	0.633	2.992	1.439
1550	47.280	405.588	626.542	0.317	1.472	2.780	0.509	2.398	1.750	0.629	2.989	1.422
1551	32.645	489.367	688.678	0.347	1.600	2.753	0.529	2.481	1.832	0.645	3.048	1.511
1552	38.616	525.728	622.045	0.330	1.533	2.677	0.519	2.446	1.717	0.634	3.016	1.404
1553	32.417	497.850	662.971	0.347	1.606	2.733	0.528	2.480	1.822	0.651	3.057	1.558
1554	30.573	465.355	688.460	0.360	1.636	2.825	0.586	2.496	2.213	0.653	3.075	1.552
1555	44.205	464.131	613.476	0.321	1.489	2.730	0.512	2.418	1.712	0.630	2.989	1.430
1556	39.287	470.734	658.007	0.327	1.531	2.699	0.515	2.441	1.718	0.635	3.012	1.449
1557	32.220	427.729	670.643	0.353	1.627	2.803	0.533	2.494	1.890	0.654	3.052	1.650
1558	55.529	441.617	699.385	0.300	1.408	2.646	0.497	2.361	1.612	0.619	2.953	1.323
1559	36.954	430.185	626.040	0.354	1.548	3.026	0.543	2.447	2.029	0.652	3.032	1.622
1560	34.898	508.773	687.897	0.336	1.572	2.657	0.522	2.470	1.727	0.640	3.044	1.420
1561	31.980	473.001	660.620	0.354	1.617	2.796	0.534	2.488	1.875	0.656	3.059	1.619
1562	30.801	471.695	651.127	0.386	1.602	3.223	0.537	2.493	1.935	0.651	3.063	1.577
1563	36.877	437.639	639.930	0.339	1.561	2.801	0.523	2.455	1.823	0.639	3.030	1.466
1564	39.753	485.222	648.682	0.325	1.526	2.667	0.513	2.440	1.650	0.633	3.011	1.418
1565	34.166	409.397	718.369	0.346	1.597	2.775	0.527	2.474	1.842	0.654	3.044	1.641
1566	41.663	462.891	621.278	0.325	1.514	2.703	0.515	2.443	1.678	0.632	3.009	1.395
1567	35.287	445.629	694.018	0.341	1.579	2.715	0.525	2.465	1.792	0.643	3.035	1.510
1568	30.988	458.949	681.781	0.361	1.631	2.854	0.536	2.497	1.891	0.655	3.076	1.575
1569	35.746	443.048	641.541	0.342	1.574	2.795	0.526	2.464	1.838	0.646	3.036	1.555
1570	34.253	465.466	693.464	0.433	1.539	3.540	0.679	2.430	2.719	0.757	3.018	2.190
1571	39.779	472.057	692.617	0.327	1.523	2.653	0.515	2.435	1.698	0.633	3.017	1.378
1572	31.219	450.336	611.281	0.358	1.638	2.863	0.542	2.491	2.050	0.660	3.075	1.663
1573	30.299	530.844	679.717	0.389	1.595	3.183	0.564	2.485	2.064	0.676	3.057	1.752
1574	38.571	410.031	662.560	0.337	1.543	2.813	0.523	2.445	1.824	0.638	3.018	1.489
1575	44.616	472.851	636.739	0.316	1.485	2.652	0.509	2.417	1.668	0.629	2.998	1.367
1576	31.863	466.268	661.470	0.352	1.619	2.801	0.532	2.491	1.873	0.660	3.043	1.733
1577	30.259	481.908	656.173	0.360	1.638	2.850	0.598	2.473	2.459	0.652	3.062	1.590
1578	33.659	506.804	621.775	0.346	1.588	2.792	0.530	2.475	1.852	0.644	3.044	1.505
1579	41.790	485.294	679.793	0.321	1.502	2.648	0.511	2.422	1.678	0.633	2.997	1.446
1580	35.412	467.116	706.689	0.339	1.571	2.690	0.524	2.464	1.758	0.642	3.037	1.463

1581	43.840	483.473	683.585	0.319	1.485	2.633	0.508	2.412	1.612	0.627	2.991	1.343
1582	36.753	467.572	620.170	0.338	1.563	2.751	0.523	2.457	1.794	0.641	3.027	1.504
1583	29.944	452.720	694.500	0.747	1.560	4.722	0.589	2.484	2.341	0.700	3.059	1.955
1584	38.452	477.343	668.466	0.333	1.536	2.719	0.521	2.451	1.740	0.636	3.012	1.460
1585	25.574	465.425	718.695	0.967	1.608	5.381	0.828	2.517	3.113	0.935	3.074	2.725
1586	34.401	458.628	636.726	0.353	1.580	2.902	0.536	2.462	1.948	0.656	3.034	1.685
1587	38.874	487.383	623.091	0.329	1.537	2.704	0.516	2.441	1.738	0.634	3.018	1.416
1588	39.745	505.918	628.389	0.334	1.514	2.814	0.515	2.448	1.649	0.634	3.006	1.437
1589	39.651	467.489	663.126	0.327	1.528	2.676	0.515	2.439	1.712	0.634	3.008	1.447
1590	42.845	457.374	613.618	0.322	1.505	2.709	0.510	2.426	1.661	0.635	2.998	1.489
1591	26.370	506.457	658.526	0.749	1.607	4.783	0.703	2.498	2.826	0.951	3.054	2.946
1592	27.063	502.032	677.071	0.949	1.586	5.220	0.855	2.476	3.475	0.771	3.056	2.266
1593	42.481	447.132	609.990	0.423	1.462	3.601	0.518	2.416	1.812	0.630	3.000	1.411
1594	48.499	473.095	643.235	0.311	1.452	2.686	0.505	2.390	1.667	0.623	2.975	1.344
1595	26.816	493.168	660.534	0.915	1.593	5.213	0.000	0.000	0.000	0.841	3.060	2.599
1596	36.525	456.065	619.805	0.343	1.559	2.864	0.000	0.000	0.000	0.000	0.000	0.000
1597	38.815	415.577	657.043	0.331	1.545	2.754	0.515	2.453	1.697	0.635	3.021	1.447
1598	46.284	480.656	657.847	0.313	1.469	2.632	0.506	2.400	1.653	0.625	2.989	1.322
1599	35.624	439.783	628.359	0.343	1.577	2.815	0.526	2.461	1.856	0.645	3.028	1.582
1600	39.265	498.489	663.514	0.326	1.528	2.647	0.000	0.000	0.000	0.000	0.000	0.000
1601	32.805	497.137	656.625	0.346	1.602	2.729	0.000	0.000	0.000	0.000	0.000	0.000
1602	35.370	497.172	715.779	0.338	1.565	2.668	0.000	0.000	0.000	0.000	0.000	0.000
1603	37.069	447.397	701.950	0.338	1.558	2.716	0.000	0.000	0.000	0.000	0.000	0.000
1604	32.587	493.959	662.775	0.367	1.584	3.009	0.000	0.000	0.000	0.000	0.000	0.000
1605	31.176	424.623	659.540	0.360	1.640	2.893	0.000	0.000	0.000	0.000	0.000	0.000
1606	31.182	451.384	660.280	0.356	1.632	2.849	0.000	0.000	0.000	0.000	0.000	0.000
1607	31.999	463.516	638.155	0.354	1.618	2.840	0.000	0.000	0.000	0.000	0.000	0.000
1608	25.052	460.629	680.834	1.229	1.615	5.993	0.000	0.000	0.000	0.000	0.000	0.000
1609	26.668	480.305	630.285	0.646	1.613	4.599	0.761	2.485	3.200	0.795	3.067	2.413
1610	33.550	516.545	640.102	0.349	1.582	2.842	0.687	2.445	2.714	0.766	3.011	2.243
1611	28.571	467.132	589.362	0.723	1.580	4.870	0.548	2.529	2.037	0.659	3.075	1.704
1612	27.587	481.631	608.088	0.562	1.610	4.295	0.750	2.486	3.131	0.926	3.046	2.909
1613	37.897	416.129	659.965	0.337	1.549	2.833	0.525	2.451	1.854	0.638	3.022	1.496
1614	50.120	463.780	663.800	0.306	1.443	2.622	0.501	2.383	1.628	0.625	2.982	1.333
1615	30.515	448.466	671.142	0.412	1.596	3.447	0.546	2.502	2.005	0.764	3.027	2.308
1616	38.461	486.366	643.825	0.331	1.537	2.714	0.519	2.440	1.760	0.639	3.012	1.507
1617	48.076	426.739	609.070	0.314	1.465	2.754	0.506	2.394	1.724	0.629	2.976	1.466
1618	30.485	522.068	646.170	0.411	1.577	3.432	0.535	2.497	1.888	0.735	3.032	2.135
1619	31.415	435.862	695.436	0.466	1.572	3.769	0.541	2.508	1.923	0.655	3.051	1.654
1620	32.081	479.963	718.447	0.368	1.594	2.964	0.533	2.487	1.841	0.654	3.057	1.552
1621	29.660	523.120	688.652	0.463	1.583	3.645	0.541	2.502	1.901	0.658	3.067	1.614
1622	35.876	446.984	697.730	0.344	1.566	2.789	0.528	2.459	1.835	0.643	3.030	1.503
1623	54.224	496.085	670.703	0.300	1.415	2.531	0.498	2.371	1.556	0.618	2.960	1.258
1624	26.273	476.778	675.871	0.980	1.596	5.426	2.804	2.462	7.381	0.794	3.071	2.371

1625	36.937	501.995	720.170	0.339	1.541	2.725	0.525	2.446	1.782	0.640	3.015	1.487
1626	32.730	466.462	643.659	0.352	1.609	2.802	0.533	2.484	1.875	0.653	3.057	1.593
1627	40.038	428.520	626.413	0.330	1.533	2.770	0.517	2.437	1.782	0.636	3.016	1.475
1628	63.124	501.462	708.188	0.286	1.322	2.735	0.498	2.359	1.580	0.618	2.958	1.260
1629	31.713	425.248	730.855	0.356	1.623	2.815	0.532	2.498	1.808	0.649	3.063	1.531
1630	42.394	524.968	661.033	0.321	1.494	2.611	0.510	2.432	1.558	0.629	2.999	1.342
1631	34.355	496.833	726.989	0.411	1.538	3.345	0.523	2.477	1.671	0.641	3.039	1.430
1632	26.151	432.211	683.906	0.958	1.603	5.502	0.667	2.518	2.711	0.750	3.080	2.215
1633	32.702	459.804	648.306	0.475	1.552	3.806	0.532	2.483	1.844	0.646	3.055	1.511
1634	29.543	454.645	626.861	0.551	1.584	4.236	0.537	2.523	1.880	0.690	3.058	1.893
1635	34.344	456.802	640.880	0.344	1.585	2.818	0.524	2.477	1.771	0.642	3.050	1.477
1636	47.322	471.468	686.810	0.311	1.460	2.619	0.503	2.400	1.560	0.624	2.985	1.308
1637	40.751	493.349	672.539	0.330	1.505	2.744	0.512	2.430	1.626	0.630	3.004	1.368
1638	39.316	495.956	601.642	0.329	1.534	2.706	0.514	2.444	1.662	0.634	3.013	1.422
1639	31.930	485.937	736.673	0.348	1.612	2.692	0.527	2.496	1.714	0.645	3.056	1.470
1640	32.902	441.243	655.662	0.354	1.608	2.841	0.000	0.000	0.000	0.648	3.057	1.527
1641	37.268	447.950	626.191	0.335	1.559	2.759	0.000	0.000	0.000	0.000	0.000	0.000
1642	48.297	430.939	636.566	0.312	1.460	2.738	0.000	0.000	0.000	0.000	0.000	0.000
1643	43.817	484.581	662.000	0.318	1.486	2.673	0.000	0.000	0.000	0.000	0.000	0.000
1644	32.042	442.880	661.669	0.355	1.625	2.827	0.000	0.000	0.000	0.000	0.000	0.000
1645	31.122	437.989	650.578	0.536	1.567	4.150	0.000	0.000	0.000	0.000	0.000	0.000
1646	42.553	501.568	661.069	0.372	1.461	3.209	0.000	0.000	0.000	0.000	0.000	0.000
1647	40.738	474.703	670.229	0.396	1.476	3.353	0.000	0.000	0.000	0.000	0.000	0.000
1648	34.537	461.484	695.882	0.342	1.584	2.709	0.000	0.000	0.000	0.000	0.000	0.000
1649	31.410	447.722	680.844	0.357	1.630	2.815	0.000	0.000	0.000	0.000	0.000	0.000
1650	36.828	475.588	646.671	0.337	1.555	2.739	0.000	0.000	0.000	0.000	0.000	0.000
1651	37.656	476.756	651.571	0.410	1.504	3.448	0.000	0.000	0.000	0.000	0.000	0.000
1652	26.808	482.903	651.415	0.829	1.595	5.075	0.000	0.000	0.000	0.000	0.000	0.000
1653	35.838	470.696	646.385	0.344	1.561	2.837	0.000	0.000	0.000	0.000	0.000	0.000
1654	38.882	508.062	648.692	0.328	1.531	2.664	0.000	0.000	0.000	0.000	0.000	0.000
1655	28.700	459.363	657.509	0.548	1.599	4.190	0.000	0.000	0.000	0.000	0.000	0.000
1656	27.923	484.363	668.981	0.895	1.576	5.143	0.000	0.000	0.000	0.000	0.000	0.000
1657	29.729	424.885	659.143	0.657	1.571	4.622	0.000	0.000	0.000	0.000	0.000	0.000
1658	35.314	469.046	642.371	0.341	1.573	2.782	0.000	0.000	0.000	0.000	0.000	0.000
1659	30.549	469.157	646.762	0.493	1.576	3.910	0.000	0.000	0.000	0.000	0.000	0.000
1660	43.211	433.262	671.327	0.322	1.497	2.730	0.000	0.000	0.000	0.000	0.000	0.000
1661	47.160	470.959	643.448	0.334	1.443	2.971	0.518	2.401	1.735	0.630	2.981	1.403
1662	60.137	455.427	683.511	0.298	1.371	2.757	0.495	2.356	1.551	0.616	2.955	1.259
1663	31.449	429.854	682.084	0.403	1.587	3.405	0.567	2.484	2.142	0.670	3.049	1.748
1664	35.356	439.745	650.770	0.342	1.579	2.780	0.524	2.478	1.737	0.640	3.035	1.483
1665	29.335	462.977	584.241	0.547	1.588	4.283	0.539	2.534	1.890	0.654	3.077	1.634
1666	25.598	483.830	651.852	0.917	1.608	5.369	0.917	2.491	3.434	0.942	3.057	2.804
1667	44.757	427.117	646.073	0.323	1.483	2.806	0.510	2.411	1.693	0.628	2.997	1.376
1668	51.049	520.797	655.361	0.308	1.425	2.657	0.499	2.379	1.539	0.620	2.969	1.267

1669	25.458	486.036	644.660	1.212	1.607	5.905	0.916	2.489	3.438	0.739	3.080	2.168
1670	35.395	462.265	675.998	0.347	1.564	2.852	0.525	2.463	1.772	0.641	3.050	1.427
1671	44.748	510.551	702.232	0.315	1.475	2.564	0.505	2.411	1.533	0.626	2.990	1.308
1672	46.083	434.502	676.964	0.331	1.461	2.892	0.507	2.414	1.602	0.627	2.989	1.359
1673	37.463	492.342	630.681	0.334	1.547	2.736	0.517	2.455	1.684	0.636	3.026	1.425
1674	41.301	499.434	711.982	0.321	1.506	2.591	0.511	2.442	1.555	0.630	3.008	1.333
1675	36.454	465.676	655.923	0.338	1.563	2.715	0.519	2.460	1.694	0.640	3.030	1.454
1676	43.325	473.273	667.338	0.429	1.451	3.529	0.508	2.422	1.595	0.628	2.997	1.358
1677	27.992	405.248	638.614	0.967	1.578	5.589	0.546	2.551	1.972	0.703	3.068	2.020
1678	37.760	455.450	685.730	0.333	1.544	2.744	0.516	2.450	1.692	0.635	3.024	1.413
1679	40.174	488.683	683.106	0.325	1.520	2.621	0.512	2.439	1.600	0.633	3.013	1.372
1680	50.058	409.315	704.532	0.311	1.447	2.699	0.502	2.391	1.596	0.622	2.972	1.339
1681	36.626	501.930	672.511	0.339	1.548	2.752	0.520	2.458	1.694	0.636	3.025	1.406
1682	29.304	451.560	630.163	0.581	1.584	4.351	0.539	2.525	1.888	0.687	3.072	1.848
1683	45.417	454.204	642.255	0.318	1.476	2.742	0.506	2.409	1.630	0.627	2.998	1.351
1684	28.080	477.932	676.194	0.666	1.592	4.533	0.666	2.483	2.646	0.756	3.065	2.156
1685	29.885	440.610	678.654	0.520	1.585	4.053	0.541	2.513	1.912	0.653	3.071	1.585
1686	43.359	439.776	709.655	0.321	1.493	2.690	0.510	2.428	1.608	0.629	3.004	1.352
1687	38.306	452.754	654.767	0.331	1.546	2.701	0.515	2.452	1.670	0.635	3.020	1.430
1688	33.170	464.255	647.264	0.346	1.606	2.752	0.525	2.490	1.744	0.645	3.051	1.507
1689	41.816	474.851	653.112	0.323	1.507	2.676	0.509	2.428	1.620	0.630	3.004	1.372
1690	39.001	494.251	684.117	0.328	1.529	2.649	0.513	2.443	1.616	0.635	3.026	1.367
1691	33.083	502.179	641.004	0.346	1.598	2.737	0.525	2.487	1.722	0.644	3.045	1.491
1692	31.571	453.669	656.156	0.355	1.626	2.831	0.531	2.498	1.817	0.648	3.061	1.539
1693	38.979	432.753	641.677	0.332	1.540	2.764	0.515	2.446	1.703	0.635	3.017	1.440
1694	37.395	495.886	637.513	0.335	1.547	2.746	0.515	2.456	1.661	0.637	3.034	1.410
1695	38.665	501.678	671.374	0.328	1.531	2.654	0.513	2.447	1.614	0.634	3.021	1.381
1696	54.166	496.345	618.771	0.305	1.411	2.676	0.498	2.382	1.503	0.620	2.967	1.272
1697	29.275	470.062	646.810	0.514	1.590	4.029	0.550	2.507	2.024	0.657	3.068	1.648
1698	43.976	472.497	628.958	0.374	1.455	3.286	0.508	2.415	1.640	0.628	2.996	1.371
1699	30.458	457.936	679.863	0.396	1.606	3.293	0.597	2.479	2.305	0.683	3.057	1.805
1700	39.696	476.218	669.252	0.329	1.522	2.705	0.515	2.449	1.633	0.633	3.015	1.386
1701	27.830	475.192	621.323	0.689	1.594	4.700	0.641	2.491	2.589	0.733	3.066	2.112
1702	26.485	469.699	696.899	1.019	1.595	5.442	0.661	2.511	2.626	0.755	3.059	2.221
1703	37.625	436.042	705.424	0.341	1.545	2.814	0.521	2.451	1.741	0.637	3.024	1.430
1704	34.962	458.234	654.138	0.341	1.582	2.728	0.522	2.475	1.714	0.641	3.036	1.478
1705	43.039	447.244	643.141	0.321	1.501	2.706	0.509	2.424	1.631	0.631	3.008	1.376
1706	35.571	466.842	653.124	0.337	1.573	2.724	0.519	2.467	1.703	0.639	3.037	1.452
1707	30.843	470.152	613.085	0.487	1.574	3.924	0.532	2.508	1.828	0.650	3.066	1.571
1708	26.424	460.508	640.236	0.929	1.597	5.443	0.668	2.514	2.716	0.750	3.071	2.224
1709	33.695	445.350	712.808	0.351	1.591	2.844	0.529	2.477	1.808	0.644	3.057	1.464
1710	43.697	488.231	653.311	0.354	1.461	3.091	0.507	2.419	1.581	0.627	2.992	1.354
1711	37.341	424.195	640.532	0.336	1.563	2.762	0.519	2.465	1.716	0.638	3.026	1.470
1712	34.261	487.698	618.527	0.341	1.589	2.752	0.523	2.483	1.723	0.641	3.042	1.487

1713	40.470	436.882	666.980	0.326	1.523	2.722	0.512	2.440	1.656	0.632	3.009	1.409
1714	29.061	448.383	655.245	0.626	1.583	4.503	0.604	2.488	2.403	0.656	3.083	1.609
1715	34.643	503.455	604.290	0.344	1.579	2.812	0.523	2.472	1.756	0.641	3.039	1.477
1716	40.363	509.768	670.764	0.323	1.514	2.640	0.510	2.436	1.599	0.631	3.009	1.366
1717	34.635	448.381	618.092	0.345	1.592	2.796	0.524	2.480	1.758	0.643	3.043	1.509
1718	48.688	478.412	684.195	0.308	1.449	2.627	0.501	2.394	1.549	0.622	2.977	1.302
1719	37.418	482.229	607.606	0.339	1.549	2.809	0.521	2.458	1.729	0.636	3.024	1.442
1720	40.422	508.022	607.192	0.324	1.522	2.672	0.511	2.436	1.642	0.632	3.015	1.387
1721	38.408	486.605	644.987	0.330	1.539	2.698	0.514	2.450	1.650	0.634	3.016	1.413
1722	34.305	471.429	678.826	0.341	1.585	2.712	0.522	2.478	1.703	0.642	3.042	1.465
1723	47.925	499.235	661.227	0.310	1.455	2.595	0.502	2.398	1.537	0.623	2.980	1.307
1724	35.592	471.763	622.914	0.344	1.569	2.825	0.523	2.468	1.755	0.639	3.034	1.466
1725	46.669	472.347	683.195	0.313	1.463	2.656	0.505	2.412	1.554	0.625	2.989	1.316
1726	30.269	498.673	649.353	0.488	1.577	3.835	0.536	2.506	1.835	0.695	3.048	1.878
1727	42.495	437.205	612.916	0.325	1.508	2.775	0.512	2.431	1.678	0.632	3.012	1.403
1728	44.298	463.890	648.828	0.316	1.487	2.670	0.505	2.414	1.610	0.626	2.992	1.357
1729	35.044	486.153	661.259	0.340	1.574	2.727	0.521	2.471	1.701	0.640	3.038	1.451
1730	30.313	455.722	678.753	0.441	1.591	3.618	0.535	2.517	1.816	0.652	3.073	1.559
1731	41.764	459.990	662.403	0.325	1.507	2.707	0.513	2.439	1.627	0.632	3.014	1.369
1732	22.523	463.442	614.092	1.486	1.664	6.716	1.038	2.522	3.956	1.099	3.086	3.337
1733	35.834	523.927	648.747	0.393	1.520	3.309	0.526	2.465	1.752	0.638	3.031	1.432
1734	35.492	425.282	656.830	0.342	1.581	2.774	0.523	2.477	1.734	0.643	3.048	1.473
1735	32.166	455.130	667.781	0.461	1.561	3.730	0.528	2.501	1.761	0.646	3.055	1.519
1736	33.310	484.745	664.674	0.346	1.594	2.756	0.525	2.482	1.739	0.644	3.049	1.481
1737	36.146	497.694	690.156	0.336	1.557	2.677	0.518	2.459	1.658	0.638	3.029	1.416
1738	59.361	476.376	668.778	0.295	1.385	2.601	0.495	2.370	1.476	0.616	2.953	1.254
1739	33.976	466.577	611.205	0.388	1.554	3.339	0.554	2.460	2.063	0.661	3.049	1.647
1740	33.847	491.841	634.799	0.342	1.590	2.752	0.605	2.448	2.305	0.691	3.033	1.817
1741	33.992	507.550	688.359	0.369	1.558	3.043	0.541	2.458	1.908	0.640	3.040	1.440
1742	23.219	476.143	673.095	3.807	1.621	9.482	4.975	2.496	9.000	1.209	3.069	3.473
1743	37.622	519.609	716.441	0.340	1.529	2.757	0.523	2.454	1.679	0.635	3.026	1.359
1744	30.569	517.548	672.824	0.356	1.626	2.755	0.532	2.505	1.762	0.650	3.060	1.525
1745	28.212	453.652	635.022	0.623	1.598	4.543	0.634	2.501	2.548	0.708	3.067	2.007
1746	40.161	444.430	658.496	0.329	1.523	2.762	0.514	2.436	1.689	0.633	3.013	1.409
1747	48.558	482.301	667.706	0.309	1.452	2.605	0.501	2.395	1.547	0.622	2.975	1.308
1748	52.499	468.660	634.907	0.306	1.426	2.674	0.499	2.379	1.567	0.620	2.969	1.299
1749	42.833	430.369	665.118	0.326	1.496	2.813	0.514	2.432	1.687	0.629	3.002	1.381
1750	31.272	467.347	641.332	0.354	1.633	2.799	0.537	2.496	1.896	0.649	3.063	1.547
1751	35.672	492.639	610.189	0.339	1.570	2.772	0.520	2.465	1.731	0.639	3.032	1.465
1752	36.096	444.474	669.334	0.337	1.570	2.733	0.519	2.467	1.707	0.638	3.031	1.459
1753	33.422	447.459	691.322	0.347	1.604	2.753	0.526	2.490	1.738	0.645	3.051	1.498
1754	40.138	478.522	649.005	0.327	1.523	2.679	0.512	2.438	1.631	0.633	3.011	1.395
1755	40.977	487.405	655.919	0.323	1.514	2.640	0.510	2.432	1.611	0.631	3.007	1.372
1756	42.958	500.293	638.685	0.320	1.495	2.659	0.507	2.421	1.593	0.629	2.998	1.361

1757	28.936	437.686	655.424	0.659	1.581	4.631	0.623	2.508	2.446	0.716	3.067	2.015
1758	31.264	451.355	660.558	0.370	1.613	3.058	0.533	2.501	1.845	0.648	3.061	1.545
1759	38.449	467.704	699.156	0.331	1.535	2.697	0.515	2.448	1.652	0.635	3.024	1.390
1760	42.063	481.575	674.194	0.321	1.503	2.621	0.509	2.428	1.589	0.630	3.002	1.363
1761	27.504	493.910	667.173	0.681	1.599	4.576	0.659	2.494	2.616	0.734	3.065	2.094
1762	46.779	455.024	669.098	0.318	1.463	2.739	0.505	2.401	1.616	0.625	2.983	1.343
1763	37.445	503.957	645.570	0.334	1.545	2.712	0.517	2.451	1.677	0.635	3.021	1.410
1764	31.728	478.778	637.863	0.384	1.588	3.221	0.530	2.502	1.777	0.648	3.058	1.532
1765	29.140	452.582	608.018	0.563	1.588	4.338	0.594	2.495	2.359	0.655	3.082	1.630
1766	38.482	444.956	697.551	0.331	1.537	2.738	0.000	0.000	0.000	0.000	0.000	0.000
1767	33.605	483.012	700.774	0.344	1.594	2.691	0.000	0.000	0.000	0.000	0.000	0.000
1768	31.149	450.239	645.722	0.465	1.575	3.789	0.000	0.000	0.000	0.000	0.000	0.000
1769	35.338	451.321	651.137	0.372	1.546	3.181	0.000	0.000	0.000	0.000	0.000	0.000
1770	44.655	429.154	680.868	0.322	1.479	2.788	0.000	0.000	0.000	0.000	0.000	0.000
1771	33.759	438.194	613.328	0.348	1.606	2.823	0.000	0.000	0.000	0.000	0.000	0.000
1772	34.138	444.494	620.539	0.344	1.597	2.818	0.000	0.000	0.000	0.000	0.000	0.000
1773	33.640	479.337	707.633	0.342	1.593	2.699	0.000	0.000	0.000	0.000	0.000	0.000
1774	42.629	463.327	687.086	0.322	1.500	2.645	0.000	0.000	0.000	0.000	0.000	0.000
1775	51.995	447.641	703.647	0.305	1.431	2.616	0.000	0.000	0.000	0.000	0.000	0.000
1776	32.201	480.245	708.459	0.442	1.562	3.550	0.000	0.000	0.000	0.000	0.000	0.000
1777	42.559	460.881	708.819	0.323	1.498	2.649	0.000	0.000	0.000	0.000	0.000	0.000
1778	43.521	481.863	665.814	0.319	1.493	2.616	0.000	0.000	0.000	0.000	0.000	0.000
1779	39.186	445.703	628.184	0.356	1.512	3.097	0.514	2.446	1.681	0.635	3.019	1.435
1780	31.659	507.742	668.223	0.347	1.615	2.718	0.526	2.495	1.723	0.646	3.062	1.477
1781	32.329	390.083	654.166	0.359	1.630	2.938	0.534	2.500	1.893	0.650	3.062	1.591
1782	38.036	475.530	672.988	0.330	1.543	2.683	0.514	2.450	1.650	0.635	3.022	1.406
1783	51.062	475.721	630.696	0.306	1.437	2.637	0.499	2.383	1.551	0.622	2.973	1.305
1784	31.781	428.540	664.966	0.362	1.621	2.967	0.537	2.498	1.901	0.648	3.066	1.540
1785	35.491	476.691	695.674	0.338	1.569	2.694	0.520	2.468	1.688	0.639	3.037	1.432
1786	34.475	447.500	663.908	0.344	1.587	2.760	0.524	2.480	1.733	0.642	3.038	1.496
1787	41.758	511.736	611.680	0.322	1.508	2.668	0.510	2.431	1.612	0.631	3.007	1.373
1788	30.676	483.770	672.731	0.505	1.572	3.903	0.533	2.519	1.767	0.660	3.058	1.645
1789	30.860	470.283	667.958	0.496	1.574	3.889	0.535	2.505	1.836	0.685	3.053	1.814
1790	38.159	492.568	596.221	0.469	1.493	3.774	0.517	2.450	1.704	0.636	3.022	1.440
1791	25.712	452.953	639.110	1.174	1.606	5.961	0.691	2.519	2.829	0.785	3.069	2.394
1792	29.174	474.790	594.172	0.534	1.591	4.186	0.544	2.514	1.988	0.655	3.084	1.614
1793	32.489	483.353	617.296	0.350	1.608	2.850	0.529	2.489	1.819	0.644	3.053	1.515
1794	38.729	438.554	625.812	0.332	1.544	2.769	0.516	2.449	1.711	0.637	3.032	1.432
1795	30.761	507.824	686.538	0.405	1.583	3.335	0.583	2.479	2.172	0.656	3.052	1.607
1796	27.900	464.082	613.653	0.619	1.600	4.528	0.662	2.499	2.660	0.728	3.057	2.117
1797	34.128	461.243	690.675	0.395	1.548	3.324	0.526	2.478	1.763	0.643	3.057	1.442
1798	40.534	467.166	651.062	0.327	1.521	2.679	0.514	2.446	1.625	0.633	3.012	1.390
1799	33.301	498.578	679.055	0.343	1.595	2.691	0.523	2.482	1.702	0.643	3.048	1.464
1800	32.784	428.429	649.752	0.460	1.556	3.783	0.530	2.492	1.814	0.647	3.054	1.545

1801	44.928	466.740	668.834	0.316	1.480	2.665	0.505	2.411	1.591	0.626	2.988	1.345
1802	24.243	485.067	639.702	1.428	1.621	6.386	0.923	2.505	3.501	0.955	3.070	2.881
1803	45.034	489.548	663.167	0.426	1.436	3.508	0.508	2.407	1.636	0.625	2.987	1.332
1804	28.625	488.051	607.399	0.559	1.593	4.248	0.540	2.528	1.894	0.694	3.061	1.911
1805	35.351	483.928	726.567	0.340	1.565	2.732	0.521	2.466	1.699	0.637	3.033	1.416
1806	53.092	505.825	652.818	0.303	1.421	2.546	0.497	2.377	1.489	0.619	2.960	1.271
1807	32.511	432.318	657.452	0.369	1.596	3.079	0.540	2.479	1.950	0.650	3.049	1.584
1808	24.083	445.298	682.124	1.048	1.646	5.679	0.923	2.526	3.484	0.941	3.089	2.829
1809	42.070	453.305	688.584	0.329	1.497	2.783	0.514	2.424	1.679	0.630	3.005	1.364
1810	30.419	448.654	646.100	0.482	1.582	3.890	0.535	2.517	1.838	0.652	3.066	1.586
1811	42.266	463.209	638.097	0.323	1.505	2.710	0.510	2.426	1.645	0.629	2.999	1.388
1812	31.660	462.387	590.278	0.354	1.633	2.844	0.531	2.508	1.823	0.648	3.059	1.571
1813	32.190	452.404	668.344	0.350	1.616	2.806	0.528	2.494	1.792	0.646	3.059	1.516
1814	53.263	460.943	669.125	0.303	1.422	2.623	0.497	2.378	1.533	0.618	2.961	1.289
1815	37.424	517.532	639.282	0.361	1.520	3.056	0.523	2.458	1.717	0.637	3.037	1.377
1816	40.928	478.652	635.682	0.355	1.490	3.080	0.512	2.437	1.631	0.632	3.010	1.389
1817	30.816	508.974	641.646	0.482	1.567	3.808	0.530	2.505	1.765	0.647	3.061	1.519
1818	41.954	457.339	623.917	0.325	1.508	2.749	0.511	2.426	1.671	0.631	3.007	1.395
1819	34.004	433.333	638.714	0.345	1.602	2.792	0.525	2.485	1.774	0.643	3.044	1.517
1820	44.356	461.376	676.277	0.316	1.485	2.648	0.506	2.416	1.595	0.626	2.990	1.350
1821	35.486	449.293	687.822	0.445	1.524	3.617	0.521	2.470	1.709	0.639	3.033	1.457
1822	30.028	468.112	682.631	0.533	1.580	4.033	0.535	2.521	1.802	0.696	3.050	1.894
1823	28.902	475.536	646.777	0.582	1.587	4.280	0.000	0.000	0.000	0.000	0.000	0.000
1824	33.852	449.452	616.936	0.350	1.595	2.875	0.000	0.000	0.000	0.000	0.000	0.000
1825	41.401	458.605	679.605	0.323	1.510	2.684	0.000	0.000	0.000	0.000	0.000	0.000
1826	32.626	471.066	685.391	0.380	1.577	3.151	0.526	2.489	1.732	0.647	3.052	1.506
1827	45.474	471.360	672.365	0.316	1.477	2.634	0.508	2.422	1.562	0.626	2.990	1.340
1828	41.056	478.582	632.909	0.326	1.515	2.701	0.512	2.435	1.649	0.632	3.008	1.394
1829	33.229	450.965	703.508	0.346	1.603	2.744	0.525	2.487	1.737	0.643	3.048	1.489
1830	72.154	455.338	638.489	0.332	1.240	2.731	0.674	2.225	2.112	0.631	2.945	1.283
1831	29.839	467.030	620.763	1.427	1.547	6.031	0.703	2.466	2.888	0.800	3.034	2.431
1832	41.311	417.999	713.748	0.325	1.512	2.739	0.512	2.432	1.664	0.632	3.015	1.382
1833	30.598	517.119	708.663	0.372	1.613	2.953	0.586	2.486	2.161	0.665	3.049	1.665
1834	33.116	517.259	655.685	0.350	1.589	2.776	0.527	2.479	1.746	0.644	3.047	1.472
1835	31.198	442.671	634.037	0.411	1.586	3.495	0.534	2.506	1.855	0.651	3.072	1.560
1836	37.154	455.645	665.823	0.334	1.554	2.734	0.517	2.455	1.700	0.637	3.028	1.432
1837	28.218	473.941	671.293	0.569	1.600	4.230	0.640	2.495	2.524	0.725	3.062	2.052
1838	33.475	457.262	652.159	0.351	1.596	2.841	0.528	2.483	1.798	0.644	3.049	1.500
1839	38.848	427.562	662.372	0.335	1.537	2.810	0.515	2.449	1.690	0.635	3.021	1.435
1840	33.453	500.452	661.756	0.342	1.594	2.686	0.522	2.481	1.701	0.642	3.047	1.465
1841	41.061	451.155	647.255	0.326	1.518	2.706	0.514	2.445	1.636	0.632	3.005	1.405
1842	32.395	480.885	602.681	0.379	1.583	3.226	0.528	2.499	1.778	0.646	3.055	1.534
1843	46.871	505.625	644.894	0.310	1.461	2.626	0.502	2.399	1.560	0.624	2.984	1.315
1844	27.626	502.755	661.749	0.747	1.589	4.706	0.626	2.489	2.476	0.730	3.051	2.083

1845	33.060	477.466	680.546	0.353	1.593	2.833	0.531	2.491	1.774	0.644	3.049	1.481
1846	39.649	466.726	657.000	0.329	1.529	2.689	0.514	2.443	1.646	0.634	3.016	1.398
1847	35.454	482.002	619.117	0.338	1.576	2.730	0.520	2.470	1.712	0.640	3.037	1.468
1848	36.011	460.714	704.639	0.337	1.567	2.704	0.519	2.467	1.678	0.638	3.032	1.432
1849	37.936	494.055	636.672	0.332	1.544	2.687	0.516	2.451	1.656	0.635	3.018	1.423
1850	42.609	456.985	690.487	0.320	1.500	2.653	0.509	2.428	1.599	0.630	3.006	1.352
1851	31.027	530.521	697.469	0.456	1.562	3.598	0.529	2.500	1.717	0.647	3.060	1.481
1852	46.091	468.590	586.577	0.322	1.470	2.801	0.506	2.406	1.641	0.628	2.993	1.371
1853	52.402	500.558	639.714	0.307	1.417	2.717	0.501	2.382	1.576	0.618	2.962	1.281
1854	22.978	461.865	680.589	2.257	1.639	7.690	0.989	2.519	3.733	1.170	3.084	3.360
1855	31.811	509.838	660.419	0.424	1.563	3.478	0.539	2.489	1.869	0.648	3.053	1.523
1856	35.589	461.354	642.584	0.342	1.571	2.791	0.522	2.468	1.739	0.640	3.033	1.472
1857	36.150	462.317	669.406	0.336	1.564	2.717	0.518	2.462	1.687	0.638	3.033	1.442
1858	46.482	448.943	681.396	0.334	1.451	2.947	0.504	2.407	1.580	0.626	2.987	1.344
1859	39.455	503.604	619.362	0.329	1.527	2.705	0.513	2.440	1.653	0.633	3.016	1.393
1860	36.970	466.569	644.700	0.334	1.558	2.725	0.517	2.460	1.686	0.637	3.029	1.442
1861	32.584	475.914	611.659	0.442	1.558	3.670	0.527	2.495	1.777	0.646	3.054	1.525
1862	32.158	479.079	644.768	0.349	1.614	2.785	0.527	2.493	1.777	0.647	3.068	1.496
1863	36.146	504.882	694.436	0.335	1.556	2.668	0.518	2.461	1.653	0.637	3.031	1.400
1864	38.392	503.979	673.865	0.330	1.535	2.637	0.515	2.448	1.622	0.635	3.023	1.386
1865	38.507	479.435	646.334	0.331	1.539	2.684	0.515	2.450	1.649	0.635	3.016	1.418
1866	27.797	476.000	610.752	0.599	1.603	4.441	0.647	2.492	2.622	0.735	3.065	2.127
1867	30.580	428.362	633.096	0.497	1.569	4.080	0.558	2.489	2.137	0.664	3.059	1.727
1868	37.493	488.608	647.569	0.333	1.547	2.724	0.516	2.452	1.679	0.637	3.033	1.407
1869	27.696	449.547	685.581	0.725	1.595	4.767	0.669	2.502	2.648	0.745	3.067	2.145
1870	35.405	457.228	657.517	0.456	1.523	3.689	0.524	2.468	1.756	0.640	3.037	1.463
1871	37.172	425.680	634.869	0.337	1.565	2.767	0.519	2.461	1.725	0.639	3.033	1.467
1872	39.057	468.273	683.849	0.327	1.531	2.668	0.512	2.443	1.636	0.632	3.013	1.394
1873	39.130	472.459	686.963	0.328	1.531	2.642	0.513	2.443	1.621	0.635	3.024	1.383
1874	37.631	455.621	678.333	0.333	1.550	2.678	0.516	2.456	1.655	0.636	3.022	1.427
1875	35.931	516.214	678.934	0.335	1.561	2.634	0.517	2.461	1.638	0.637	3.027	1.417
1876	34.144	472.188	664.358	0.345	1.588	2.743	0.524	2.480	1.722	0.644	3.052	1.467
1877	40.217	480.529	609.756	0.328	1.524	2.724	0.512	2.438	1.658	0.633	3.011	1.414
1878	38.594	482.792	649.830	0.328	1.538	2.683	0.513	2.446	1.651	0.633	3.015	1.410
1879	37.068	441.434	647.287	0.336	1.560	2.740	0.518	2.461	1.698	0.637	3.026	1.455
1880	33.836	476.978	654.488	0.342	1.592	2.729	0.522	2.480	1.717	0.642	3.043	1.479
1881	33.128	493.256	627.688	0.346	1.600	2.765	0.526	2.491	1.743	0.644	3.048	1.499
1882	24.230	439.086	643.832	1.746	1.612	7.193	0.916	2.529	3.479	0.961	3.081	2.928
1883	30.530	443.446	646.413	0.522	1.576	4.087	0.553	2.506	2.037	0.651	3.065	1.597
1884	40.790	493.558	588.071	0.327	1.516	2.759	0.512	2.435	1.669	0.631	3.005	1.411
1885	46.750	474.991	643.691	0.320	1.457	2.815	0.503	2.404	1.593	0.624	2.982	1.337
1886	44.158	498.781	624.763	0.318	1.484	2.681	0.508	2.420	1.611	0.627	2.993	1.352
1887	33.160	480.861	683.723	0.346	1.596	2.744	0.525	2.486	1.729	0.645	3.065	1.447
1888	46.874	503.626	659.808	0.312	1.462	2.590	0.503	2.402	1.540	0.624	2.980	1.313

1889	37.063	445.031	691.377	0.339	1.552	2.766	0.520	2.455	1.715	0.637	3.026	1.428
1890	31.325	508.269	598.445	0.354	1.628	2.788	0.531	2.506	1.785	0.649	3.060	1.547
1891	39.948	465.414	706.959	0.327	1.520	2.690	0.512	2.438	1.635	0.633	3.024	1.359
1892	41.931	426.314	660.051	0.325	1.515	2.700	0.511	2.434	1.642	0.632	3.005	1.408
1893	38.836	483.782	702.375	0.326	1.531	2.617	0.513	2.446	1.608	0.633	3.019	1.373
1894	45.855	484.596	625.181	0.315	1.477	2.636	0.505	2.410	1.583	0.626	2.984	1.353
1895	33.424	481.819	679.624	0.345	1.592	2.756	0.524	2.480	1.736	0.644	3.063	1.440
1896	29.056	469.185	715.277	0.722	1.574	4.598	0.632	2.491	2.430	0.698	3.061	1.881
1897	26.645	478.941	692.143	0.967	1.592	5.312	0.653	2.512	2.578	0.757	3.067	2.198
1898	36.869	447.845	673.550	0.343	1.552	2.826	0.523	2.455	1.752	0.638	3.030	1.439
1899	36.564	453.180	646.400	0.336	1.565	2.727	0.518	2.461	1.698	0.638	3.028	1.458
1900	28.674	502.738	653.117	0.631	1.584	4.373	0.639	2.487	2.495	0.659	3.089	1.595
1901	27.333	478.480	709.912	0.832	1.591	4.932	0.651	2.500	2.560	0.750	3.066	2.134
1902	31.024	481.271	636.706	0.363	1.621	2.921	0.538	2.501	1.875	0.649	3.059	1.552
1903	27.382	438.435	628.332	0.881	1.588	5.349	0.674	2.505	2.740	0.740	3.068	2.183
1904	32.188	447.121	644.344	0.427	1.569	3.589	0.532	2.494	1.856	0.646	3.059	1.533
1905	33.189	469.097	655.484	0.347	1.600	2.784	0.526	2.487	1.760	0.643	3.047	1.497
1906	31.618	458.694	681.050	0.446	1.572	3.634	0.532	2.511	1.769	0.649	3.065	1.521
1907	28.036	502.509	685.007	0.623	1.595	4.328	0.639	2.498	2.473	0.704	3.072	1.909
1908	33.466	503.761	687.168	0.350	1.584	2.784	0.527	2.476	1.745	0.642	3.042	1.456
1909	37.116	454.377	640.622	0.337	1.556	2.752	0.519	2.459	1.709	0.639	3.036	1.439
1910	40.274	531.808	613.532	0.324	1.516	2.661	0.513	2.448	1.595	0.630	3.005	1.379
1911	38.243	459.122	624.750	0.440	1.497	3.653	0.515	2.450	1.696	0.635	3.020	1.442
1912	30.387	484.402	711.323	0.511	1.573	3.892	0.594	2.492	2.217	0.721	3.041	1.980
1913	40.556	481.465	651.163	0.329	1.516	2.708	0.514	2.442	1.630	0.634	3.016	1.383
1914	28.763	503.685	587.205	0.617	1.585	4.446	0.661	2.483	2.635	0.706	3.051	1.988
1915	30.751	395.559	687.496	0.494	1.580	4.006	0.537	2.509	1.921	0.659	3.064	1.682
1916	32.881	496.475	676.593	0.347	1.597	2.746	0.525	2.484	1.732	0.646	3.064	1.453
1917	35.936	488.188	675.745	0.338	1.563	2.701	0.519	2.462	1.682	0.638	3.030	1.434
1918	28.688	442.187	684.655	0.580	1.594	4.307	0.589	2.517	2.252	0.710	3.058	1.996
1919	31.424	508.307	708.230	0.436	1.569	3.494	0.532	2.495	1.773	0.685	3.047	1.771
1920	26.638	450.744	647.173	0.959	1.594	5.500	0.651	2.511	2.652	0.765	3.064	2.288
1921	35.503	499.602	637.464	0.343	1.561	2.818	0.523	2.464	1.747	0.638	3.032	1.441
1922	44.909	497.336	629.881	0.316	1.480	2.645	0.505	2.413	1.583	0.626	2.988	1.349
1923	47.799	466.442	629.234	0.311	1.461	2.675	0.503	2.402	1.584	0.624	2.978	1.345
1924	48.419	482.557	670.031	0.310	1.452	2.640	0.502	2.395	1.569	0.623	2.983	1.302
1925	34.209	474.639	629.321	0.348	1.584	2.837	0.528	2.487	1.764	0.641	3.040	1.484
1926	36.785	495.198	646.294	0.334	1.555	2.708	0.517	2.460	1.671	0.637	3.029	1.426
1927	31.908	466.397	638.231	0.352	1.623	2.794	0.530	2.502	1.785	0.647	3.055	1.538
1928	23.944	464.976	637.082	0.953	1.652	5.508	0.945	2.510	3.610	0.950	3.081	2.891
1929	49.773	452.943	629.023	0.313	1.442	2.787	0.504	2.387	1.646	0.622	2.974	1.335
1930	44.585	468.065	650.232	0.321	1.478	2.758	0.508	2.418	1.624	0.627	3.001	1.337
1931	37.555	457.299	672.305	0.470	1.498	3.733	0.517	2.455	1.674	0.635	3.022	1.424
1932	30.152	481.530	654.343	0.358	1.645	2.792	0.534	2.521	1.794	0.652	3.070	1.559

1933	39.203	454.710	689.982	0.330	1.528	2.716	0.515	2.443	1.663	0.634	3.016	1.400
1934	40.877	447.737	682.472	0.325	1.519	2.664	0.512	2.438	1.621	0.631	3.005	1.392
1935	30.180	494.641	677.648	0.499	1.576	3.859	0.610	2.480	2.324	0.651	3.071	1.526
1936	37.294	492.690	680.739	0.336	1.543	2.716	0.517	2.451	1.667	0.636	3.021	1.411
1937	37.762	435.423	675.815	0.334	1.551	2.718	0.517	2.453	1.685	0.637	3.025	1.441
1938	43.576	420.579	658.136	0.321	1.500	2.716	0.509	2.424	1.639	0.630	3.001	1.388
1939	43.800	468.675	681.217	0.319	1.487	2.674	0.506	2.419	1.584	0.627	2.995	1.348
1940	34.255	439.358	671.097	0.346	1.589	2.783	0.525	2.482	1.745	0.642	3.040	1.494
1941	42.846	524.821	651.836	0.343	1.471	2.943	0.509	2.430	1.561	0.629	3.005	1.328
1942	33.538	431.650	621.850	0.350	1.607	2.844	0.528	2.490	1.807	0.646	3.053	1.531
1943	43.297	524.661	635.057	0.316	1.487	2.640	0.508	2.428	1.570	0.626	2.993	1.342
1944	37.940	489.182	652.491	0.332	1.542	2.694	0.516	2.452	1.655	0.635	3.019	1.410
1945	38.992	433.825	643.045	0.448	1.490	3.696	0.515	2.446	1.687	0.635	3.016	1.439
1946	47.788	478.664	669.556	0.309	1.459	2.596	0.502	2.396	1.562	0.623	2.978	1.316
1947	35.963	486.304	694.771	0.340	1.560	2.729	0.522	2.465	1.695	0.638	3.033	1.418
1948	40.974	512.413	585.211	0.325	1.515	2.693	0.512	2.440	1.623	0.632	3.005	1.401
1949	29.273	458.095	625.670	0.528	1.591	4.148	0.592	2.491	2.343	0.701	3.055	1.963
1950	32.591	515.284	648.138	0.348	1.598	2.774	0.527	2.487	1.758	0.643	3.052	1.472
1951	33.286	454.660	646.842	0.349	1.603	2.805	0.528	2.489	1.779	0.645	3.050	1.510
1952	29.706	455.546	687.814	0.533	1.584	4.065	0.603	2.485	2.346	0.683	3.056	1.827
1953	34.442	482.234	622.487	0.346	1.583	2.812	0.524	2.472	1.766	0.641	3.037	1.491
1954	35.594	487.282	627.634	0.338	1.571	2.743	0.519	2.466	1.710	0.639	3.032	1.460
1955	43.527	491.913	703.584	0.317	1.486	2.598	0.506	2.419	1.561	0.626	2.992	1.329
1956	29.504	468.083	672.488	0.519	1.589	4.009	0.618	2.485	2.417	0.655	3.077	1.585
1957	51.014	434.953	662.461	0.325	1.419	2.971	0.502	2.394	1.583	0.622	2.971	1.331
1958	32.549	453.845	686.212	0.356	1.605	2.866	0.531	2.487	1.825	0.645	3.058	1.493
1959	37.003	418.349	720.194	0.337	1.560	2.738	0.520	2.461	1.704	0.640	3.040	1.430
1960	31.208	452.318	696.104	0.356	1.633	2.776	0.532	2.511	1.768	0.650	3.062	1.539
1961	35.849	503.835	622.021	0.339	1.564	2.741	0.521	2.464	1.709	0.639	3.033	1.450
1962	46.387	532.181	638.622	0.311	1.463	2.598	0.503	2.402	1.557	0.623	2.981	1.311
1963	40.723	468.487	659.911	0.327	1.516	2.710	0.513	2.435	1.654	0.633	3.018	1.373
1964	30.830	424.664	675.265	0.486	1.580	3.923	0.534	2.515	1.840	0.651	3.065	1.582
1965	42.848	499.144	652.528	0.404	1.455	3.399	0.508	2.419	1.600	0.628	2.994	1.356
1966	42.267	488.809	661.192	0.321	1.500	2.645	0.508	2.423	1.599	0.629	3.000	1.360
1967	38.501	479.834	617.853	0.333	1.542	2.736	0.516	2.450	1.679	0.636	3.022	1.430
1968	28.033	461.465	679.095	0.706	1.590	4.686	0.642	2.499	2.541	0.721	3.059	2.056
1969	27.679	470.399	654.492	0.797	1.588	4.983	0.655	2.500	2.617	0.738	3.080	2.087
1970	48.132	460.319	704.222	0.312	1.451	2.662	0.503	2.395	1.577	0.623	2.977	1.311
1971	30.373	520.207	673.783	0.513	1.569	3.872	0.534	2.500	1.796	0.649	3.065	1.506
1972	43.613	444.361	680.026	0.322	1.493	2.697	0.509	2.418	1.636	0.629	2.998	1.371
1973	41.556	489.864	608.720	0.323	1.511	2.687	0.510	2.432	1.633	0.631	3.009	1.388
1974	30.689	487.273	656.336	0.490	1.573	3.852	0.532	2.503	1.814	0.648	3.065	1.525
1975	30.813	492.425	668.044	0.406	1.582	3.381	0.532	2.501	1.804	0.648	3.061	1.524
1976	34.878	458.255	693.943	0.344	1.580	2.757	0.524	2.472	1.736	0.644	3.055	1.441

1977	39.123	531.615	702.484	0.327	1.522	2.588	0.512	2.439	1.577	0.632	3.011	1.359
1978	34.958	454.722	687.909	0.343	1.577	2.736	0.522	2.470	1.712	0.642	3.038	1.470
1979	32.753	427.538	630.850	0.463	1.557	3.821	0.529	2.497	1.808	0.647	3.051	1.559
1980	37.777	479.622	644.448	0.331	1.546	2.716	0.515	2.452	1.673	0.636	3.032	1.406
1981	30.058	456.896	675.354	0.514	1.582	3.989	0.536	2.526	1.806	0.654	3.083	1.557
1982	36.039	442.417	667.861	0.341	1.568	2.778	0.522	2.463	1.741	0.639	3.032	1.462
1983	33.240	444.099	639.090	0.374	1.578	3.168	0.526	2.489	1.774	0.646	3.054	1.520
1984	37.016	480.228	668.977	0.340	1.543	2.825	0.516	2.456	1.664	0.636	3.026	1.420
1985	35.461	451.708	634.963	0.341	1.580	2.751	0.523	2.479	1.719	0.640	3.033	1.487
1986	26.853	470.716	669.501	0.814	1.596	5.041	0.624	2.515	2.480	0.766	3.074	2.227
1987	29.962	455.517	665.549	0.485	1.589	3.882	0.542	2.510	1.932	0.652	3.071	1.579
1988	32.605	508.698	659.996	0.349	1.598	2.769	0.528	2.487	1.754	0.644	3.051	1.479
1989	27.597	483.867	670.487	0.644	1.601	4.477	0.668	2.487	2.661	0.747	3.055	2.160
1990	38.269	457.521	651.707	0.455	1.494	3.682	0.518	2.448	1.713	0.635	3.020	1.427
1991	37.087	498.315	666.818	0.370	1.519	3.131	0.516	2.455	1.644	0.635	3.022	1.412
1992	57.926	435.326	686.556	0.301	1.395	2.706	0.497	2.368	1.549	0.617	2.953	1.287
1993	44.982	470.501	654.760	0.330	1.466	2.883	0.516	2.403	1.738	0.630	2.994	1.379
1994	38.889	487.326	601.160	0.331	1.537	2.744	0.515	2.449	1.682	0.634	3.016	1.428
1995	36.684	492.719	664.280	0.378	1.519	3.222	0.516	2.459	1.658	0.636	3.028	1.420
1996	37.083	498.348	667.989	0.458	1.501	3.633	0.517	2.457	1.646	0.636	3.022	1.415
1997	45.236	483.700	653.183	0.316	1.478	2.637	0.507	2.420	1.566	0.626	2.988	1.344
1998	31.665	496.160	666.437	0.481	1.559	3.777	0.529	2.496	1.760	0.709	3.037	1.918
1999	33.774	466.854	695.289	0.346	1.589	2.751	0.525	2.477	1.740	0.642	3.042	1.473
2000	40.114	542.140	608.592	0.331	1.486	2.829	0.514	2.450	1.590	0.631	3.006	1.382
2001	41.912	418.627	680.341	0.319	1.482	2.771	0.510	2.430	1.657	0.631	3.003	1.405
2002	41.076	472.492	614.301	0.322	1.497	2.756	0.511	2.437	1.643	0.632	3.008	1.405
2003	33.216	444.293	678.494	0.346	1.599	2.772	0.526	2.492	1.760	0.644	3.053	1.503
2004	38.750	459.706	668.111	0.328	1.523	2.714	0.515	2.448	1.654	0.634	3.018	1.411
2005	36.712	460.924	635.781	0.334	1.547	2.761	0.518	2.460	1.699	0.638	3.027	1.456
2006	41.026	490.491	648.422	0.320	1.499	2.670	0.510	2.434	1.614	0.631	3.008	1.374
2007	39.274	502.870	636.765	0.327	1.528	2.669	0.514	2.450	1.623	0.632	3.010	1.401
2008	39.174	466.263	675.926	0.328	1.531	2.669	0.513	2.442	1.636	0.633	3.012	1.399
2009	43.537	457.570	682.379	0.318	1.493	2.632	0.507	2.418	1.595	0.628	2.994	1.359
2010	34.146	485.520	628.081	0.344	1.589	2.753	0.523	2.476	1.740	0.642	3.039	1.486
2011	40.242	502.714	669.209	0.324	1.516	2.641	0.510	2.434	1.607	0.631	3.009	1.368
2012	38.218	434.886	669.871	0.333	1.548	2.718	0.516	2.450	1.682	0.636	3.020	1.438
2013	50.565	472.340	656.382	0.306	1.440	2.606	0.499	2.385	1.545	0.621	2.972	1.301
2014	38.438	496.735	675.480	0.334	1.529	2.738	0.519	2.457	1.659	0.632	3.015	1.382
2015	29.383	469.620	700.321	0.491	1.593	3.850	0.536	2.521	1.816	0.657	3.070	1.606
2016	44.579	480.482	637.949	0.320	1.481	2.693	0.508	2.417	1.610	0.629	3.003	1.343
2017	39.756	485.504	644.082	0.327	1.526	2.693	0.513	2.443	1.634	0.633	3.017	1.387
2018	34.799	414.713	617.776	0.345	1.598	2.818	0.525	2.485	1.779	0.644	3.049	1.524
2019	39.206	494.161	644.405	0.326	1.530	2.678	0.512	2.441	1.644	0.632	3.015	1.394
2020	31.029	446.300	722.710	0.375	1.612	3.060	0.585	2.491	2.186	0.676	3.065	1.729

2021	30.639	497.212	619.938	0.439	1.581	3.616	0.535	2.504	1.837	0.651	3.065	1.559
2022	29.374	474.446	615.566	0.473	1.596	3.852	0.539	2.526	1.888	0.653	3.077	1.595
2023	37.875	484.927	677.266	0.332	1.538	2.713	0.517	2.457	1.652	0.634	3.021	1.400
2024	26.926	467.188	628.312	0.904	1.592	5.322	0.661	2.493	2.710	0.745	3.058	2.210
2025	40.894	477.432	679.384	0.326	1.508	2.716	0.512	2.430	1.655	0.631	3.013	1.354
2026	34.806	482.135	664.545	0.340	1.578	2.704	0.521	2.474	1.694	0.642	3.050	1.437
2027	43.780	478.301	645.496	0.318	1.491	2.649	0.508	2.421	1.594	0.629	3.004	1.347
2028	35.646	440.005	714.379	0.339	1.573	2.713	0.521	2.470	1.698	0.639	3.033	1.450
2029	34.901	466.634	726.677	0.341	1.579	2.674	0.604	2.450	2.226	0.642	3.048	1.426
2030	37.925	457.101	688.596	0.334	1.545	2.684	0.517	2.454	1.657	0.637	3.023	1.423
2031	43.079	504.040	637.090	0.319	1.495	2.627	0.508	2.422	1.588	0.628	2.994	1.358
2032	33.105	446.312	625.093	0.349	1.610	2.823	0.527	2.489	1.801	0.645	3.048	1.532
2033	42.638	442.944	724.277	0.319	1.498	2.659	0.508	2.424	1.606	0.628	2.998	1.359
2034	27.265	472.789	640.883	0.559	1.615	4.271	0.641	2.506	2.565	0.754	3.058	2.220
2035	41.435	470.341	681.308	0.326	1.504	2.729	0.512	2.426	1.654	0.629	3.003	1.369
2036	32.549	512.499	633.761	0.347	1.604	2.740	0.526	2.486	1.739	0.644	3.047	1.498
2037	50.960	488.529	637.019	0.306	1.436	2.620	0.500	2.388	1.541	0.621	2.970	1.300
2038	36.521	464.087	682.003	0.342	1.550	2.825	0.522	2.454	1.745	0.637	3.031	1.419
2039	33.800	420.303	680.583	0.347	1.604	2.775	0.526	2.488	1.761	0.647	3.061	1.499
2040	56.282	493.714	696.116	0.299	1.399	2.580	0.496	2.371	1.486	0.616	2.956	1.239
2041	34.925	467.827	673.362	0.367	1.554	3.061	0.541	2.468	1.895	0.649	3.037	1.535
2042	36.497	513.321	642.302	0.335	1.556	2.680	0.517	2.458	1.664	0.637	3.025	1.426
2043	32.175	438.536	649.805	0.353	1.622	2.831	0.530	2.500	1.807	0.647	3.055	1.545
2044	37.878	422.556	734.495	0.333	1.548	2.722	0.516	2.452	1.682	0.635	3.022	1.425
2045	22.709	464.319	649.903	2.416	1.630	8.142	1.535	2.520	4.698	1.106	3.092	3.272
2046	42.222	512.781	602.588	0.328	1.492	2.817	0.514	2.420	1.708	0.629	3.001	1.370
2047	35.293	461.153	667.976	0.339	1.574	2.738	0.520	2.468	1.709	0.641	3.052	1.432
2048	40.436	481.633	728.909	0.324	1.515	2.614	0.511	2.435	1.582	0.632	3.016	1.346
2049	30.773	456.825	585.154	0.361	1.647	2.898	0.536	2.513	1.872	0.653	3.063	1.623
2050	26.652	464.278	693.549	1.007	1.592	5.447	0.694	2.498	2.773	0.774	3.066	2.274
2051	39.728	535.988	679.962	0.331	1.510	2.696	0.514	2.430	1.635	0.631	3.005	1.360
2052	30.590	430.543	675.884	0.462	1.585	3.781	0.551	2.502	2.011	0.652	3.066	1.587
2053	39.751	417.777	647.753	0.332	1.536	2.776	0.516	2.447	1.704	0.635	3.017	1.438
2054	30.987	485.271	631.365	0.353	1.633	2.787	0.530	2.510	1.774	0.648	3.064	1.542
2055	42.927	508.841	716.121	0.319	1.488	2.597	0.508	2.420	1.568	0.627	2.998	1.317
2056	35.230	422.654	689.255	0.345	1.585	2.767	0.526	2.483	1.736	0.643	3.037	1.494
2057	36.015	460.997	614.612	0.339	1.575	2.751	0.520	2.468	1.724	0.639	3.032	1.479
2058	51.417	469.430	662.204	0.303	1.433	2.619	0.498	2.383	1.547	0.619	2.966	1.297
2059	34.023	457.735	658.431	0.353	1.580	2.911	0.530	2.473	1.833	0.642	3.042	1.484
2060	28.278	442.449	644.173	0.832	1.577	5.147	0.615	2.500	2.466	0.737	3.064	2.132
2061	36.141	489.635	681.094	0.337	1.557	2.729	0.520	2.460	1.701	0.637	3.032	1.417
2062	40.205	498.470	712.663	0.326	1.514	2.612	0.513	2.447	1.566	0.633	3.017	1.342
2063	43.017	456.492	684.686	0.322	1.497	2.644	0.509	2.428	1.585	0.630	3.004	1.356
2064	41.023	450.213	623.594	0.326	1.523	2.701	0.512	2.439	1.649	0.634	3.018	1.402

2065	47.094	464.078	669.961	0.311	1.466	2.628	0.505	2.415	1.561	0.624	2.984	1.331
2066	33.903	518.836	600.478	0.346	1.584	2.803	0.525	2.478	1.757	0.641	3.041	1.475
2067	43.079	426.387	638.138	0.322	1.504	2.740	0.509	2.423	1.665	0.630	3.001	1.405
2068	32.495	464.397	625.655	0.348	1.617	2.778	0.526	2.496	1.771	0.645	3.051	1.531
2069	28.149	481.481	633.490	0.592	1.597	4.348	0.548	2.519	2.002	0.733	3.069	2.074
2070	27.785	468.271	659.294	0.579	1.609	4.299	0.642	2.501	2.560	0.766	3.062	2.230
2071	36.483	407.473	653.072	0.343	1.567	2.872	0.523	2.461	1.795	0.639	3.031	1.490
2072	40.180	456.420	663.267	0.325	1.525	2.681	0.511	2.439	1.641	0.633	3.020	1.387
2073	37.739	467.835	641.917	0.332	1.550	2.696	0.515	2.453	1.670	0.636	3.025	1.429
2074	39.600	486.506	654.721	0.326	1.526	2.658	0.513	2.448	1.619	0.632	3.012	1.393
2075	38.958	497.950	676.132	0.328	1.530	2.638	0.000	0.000	0.000	0.000	0.000	0.000
2076	56.999	449.220	662.484	0.302	1.398	2.695	0.496	2.362	1.548	0.617	2.954	1.282
2077	30.490	498.653	642.613	0.442	1.580	3.616	0.618	2.481	2.368	0.699	3.044	1.897
2078	38.905	490.806	672.649	0.330	1.530	2.690	0.516	2.453	1.638	0.634	3.021	1.380
2079	25.717	456.572	571.741	1.209	1.608	6.124	0.698	2.516	2.926	0.848	3.066	2.631
2080	35.951	447.346	635.016	0.342	1.564	2.884	0.523	2.464	1.795	0.638	3.036	1.463
2081	44.448	458.074	680.120	0.316	1.486	2.648	0.506	2.416	1.593	0.627	2.993	1.351
2082	41.895	432.117	622.229	0.325	1.516	2.740	0.512	2.434	1.669	0.632	3.007	1.416
2083	26.403	496.781	649.714	1.208	1.593	5.754	0.623	2.516	2.477	0.895	3.063	2.598
2084	37.071	450.313	633.506	0.342	1.553	2.852	0.523	2.456	1.774	0.637	3.027	1.453
2085	39.495	431.054	695.645	0.328	1.533	2.696	0.513	2.446	1.652	0.633	3.013	1.412
2086	36.059	473.436	710.211	0.335	1.564	2.642	0.518	2.466	1.647	0.638	3.029	1.426
2087	44.964	510.642	633.244	0.316	1.478	2.608	0.507	2.423	1.550	0.626	2.987	1.340
2088	29.986	459.141	680.791	0.362	1.648	2.847	0.603	2.484	2.334	0.670	3.061	1.733
2089	34.080	451.732	656.841	0.347	1.588	2.817	0.528	2.489	1.756	0.642	3.041	1.495
2090	39.076	434.192	687.023	0.330	1.537	2.705	0.514	2.446	1.662	0.635	3.023	1.407
2091	48.923	522.704	610.144	0.310	1.445	2.647	0.502	2.389	1.576	0.622	2.973	1.308
2092	32.108	467.305	690.055	0.354	1.610	2.837	0.531	2.494	1.800	0.646	3.059	1.494
2093	29.015	480.370	655.836	0.505	1.595	3.953	0.540	2.525	1.864	0.655	3.078	1.589
2094	43.422	464.795	681.564	0.321	1.491	2.682	0.508	2.417	1.620	0.628	2.994	1.358
2095	30.189	497.583	716.398	0.381	1.614	3.049	0.597	2.475	2.267	0.653	3.063	1.550
2096	26.697	449.622	688.031	0.783	1.600	5.004	0.652	2.511	2.617	0.766	3.068	2.258
2097	49.297	475.266	655.784	0.312	1.444	2.679	0.503	2.390	1.587	0.623	2.978	1.308
2098	45.895	452.348	648.798	0.318	1.473	2.730	0.506	2.405	1.634	0.625	2.987	1.353
2099	49.604	422.607	630.821	0.311	1.453	2.747	0.502	2.391	1.639	0.623	2.974	1.362
2100	48.082	524.159	707.278	0.312	1.442	2.634	0.503	2.392	1.554	0.622	2.982	1.253
2101	24.781	435.629	727.574	1.019	1.618	5.649	0.918	2.515	3.398	0.937	3.078	2.773
2102	24.952	458.530	707.463	0.984	1.618	5.496	0.961	2.500	3.516	1.020	3.056	3.008
2103	32.205	493.395	709.049	0.420	1.563	3.416	0.535	2.486	1.825	0.646	3.055	1.478
2104	36.183	441.444	679.644	0.342	1.565	2.766	0.521	2.462	1.721	0.641	3.042	1.443
2105	37.894	441.887	662.254	0.333	1.551	2.714	0.516	2.454	1.678	0.636	3.021	1.441
2106	28.557	475.093	631.072	0.527	1.599	4.120	0.616	2.495	2.439	0.656	3.084	1.613
2107	27.166	537.020	678.880	0.623	1.603	4.281	0.610	2.499	2.355	0.757	3.053	2.156
2108	25.315	466.481	651.624	0.989	1.613	5.578	0.689	2.524	2.802	0.924	3.071	2.747

2109	28.613	432.699	610.107	0.509	1.608	4.150	0.551	2.521	2.076	0.718	3.063	2.075
2110	35.829	450.813	642.387	0.340	1.570	2.809	0.521	2.466	1.756	0.639	3.036	1.466
2111	35.523	487.597	648.292	0.338	1.570	2.716	0.519	2.466	1.688	0.639	3.036	1.447
2112	40.143	450.768	616.782	0.329	1.531	2.743	0.513	2.441	1.677	0.636	3.027	1.413
2113	37.787	458.922	654.369	0.330	1.550	2.697	0.515	2.451	1.680	0.636	3.025	1.428
2114	30.564	501.507	666.873	0.460	1.572	3.689	0.578	2.481	2.168	0.656	3.058	1.602
2115	41.750	452.883	713.395	0.325	1.504	2.684	0.511	2.426	1.626	0.630	3.001	1.368
2116	35.246	453.291	632.526	0.343	1.582	2.764	0.523	2.480	1.721	0.642	3.035	1.494
2117	37.510	456.671	675.522	0.333	1.550	2.707	0.515	2.454	1.668	0.636	3.026	1.424
2118	48.365	444.712	661.144	0.311	1.458	2.661	0.503	2.400	1.577	0.624	2.977	1.341
2119	44.251	480.700	672.244	0.320	1.481	2.690	0.509	2.423	1.595	0.627	2.994	1.335
2120	31.570	450.029	675.044	0.467	1.570	3.757	0.532	2.505	1.798	0.650	3.064	1.535
2121	26.953	468.352	649.881	0.633	1.612	4.554	0.648	2.514	2.588	0.730	3.073	2.106
2122	51.535	478.203	662.817	0.310	1.425	2.709	0.500	2.382	1.560	0.621	2.975	1.280
2123	41.966	476.185	658.270	0.328	1.497	2.775	0.512	2.422	1.672	0.629	3.001	1.363
2124	29.035	467.286	580.514	0.535	1.594	4.239	0.540	2.535	1.908	0.656	3.083	1.636
2125	38.523	451.715	634.828	0.332	1.541	2.787	0.516	2.446	1.725	0.634	3.019	1.434
2126	39.844	509.156	627.209	0.325	1.523	2.656	0.513	2.446	1.618	0.632	3.014	1.382
2127	30.449	497.459	661.214	0.355	1.632	2.788	0.533	2.519	1.762	0.649	3.065	1.523
2128	36.710	487.857	661.975	0.338	1.552	2.738	0.519	2.457	1.689	0.637	3.026	1.426
2129	46.821	475.603	660.601	0.312	1.465	2.621	0.505	2.415	1.548	0.624	2.983	1.324
2130	41.179	482.521	682.408	0.324	1.507	2.661	0.511	2.430	1.616	0.630	3.006	1.360
2131	37.402	476.459	613.762	0.335	1.556	2.725	0.517	2.455	1.692	0.637	3.023	1.451
2132	31.043	516.559	675.990	0.373	1.597	3.048	0.549	2.499	1.931	0.647	3.065	1.480
2133	35.759	434.244	647.663	0.344	1.573	2.815	0.525	2.478	1.742	0.641	3.035	1.483
2134	36.127	451.838	639.873	0.337	1.570	2.747	0.519	2.469	1.710	0.639	3.034	1.467
2135	30.466	465.471	664.207	0.450	1.583	3.688	0.556	2.502	2.029	0.650	3.065	1.554
2136	37.158	454.999	635.638	0.338	1.555	2.789	0.519	2.458	1.726	0.638	3.028	1.452
2137	37.995	453.324	597.466	0.333	1.556	2.756	0.517	2.456	1.716	0.636	3.022	1.465
2138	45.204	485.296	683.727	0.313	1.474	2.632	0.505	2.413	1.568	0.625	2.990	1.325
2139	53.302	462.821	725.836	0.303	1.420	2.571	0.497	2.377	1.500	0.619	2.967	1.258
2140	31.398	472.776	654.379	0.375	1.604	3.073	0.543	2.485	1.945	0.654	3.067	1.565
2141	49.653	434.822	713.226	0.309	1.447	2.650	0.501	2.390	1.572	0.623	2.978	1.315
2142	43.489	419.122	645.613	0.325	1.497	2.791	0.511	2.421	1.685	0.630	3.000	1.394
2143	32.681	454.402	693.029	0.348	1.611	2.756	0.526	2.494	1.746	0.645	3.055	1.498
2144	37.266	476.272	716.702	0.334	1.550	2.662	0.517	2.454	1.650	0.637	3.029	1.398
2145	34.530	455.920	577.185	0.348	1.598	2.830	0.526	2.486	1.779	0.645	3.044	1.541
2146	37.609	472.330	666.654	0.330	1.548	2.705	0.515	2.456	1.667	0.635	3.025	1.415
2147	28.171	432.096	661.519	0.624	1.598	4.538	0.620	2.500	2.489	0.748	3.065	2.176
2148	45.485	459.664	594.342	0.319	1.478	2.777	0.507	2.409	1.661	0.627	2.993	1.379
2149	27.093	495.373	683.598	0.562	1.617	4.172	0.618	2.507	2.427	0.749	3.061	2.164
2150	32.224	456.073	689.143	0.361	1.606	2.913	0.535	2.489	1.847	0.647	3.058	1.508
2151	23.664	475.372	629.207	1.216	1.636	6.149	0.724	2.534	3.011	0.970	3.074	2.968
2152	44.398	498.053	712.623	0.320	1.472	2.681	0.510	2.413	1.616	0.625	2.992	1.309

2153	37.129	479.530	680.706	0.335	1.549	2.681	0.518	2.454	1.661	0.637	3.024	1.422
2154	45.456	477.312	676.576	0.315	1.475	2.613	0.507	2.419	1.551	0.626	2.991	1.330
2155	31.327	452.382	628.793	0.358	1.631	2.877	0.533	2.505	1.842	0.650	3.063	1.566
2156	40.386	441.526	645.110	0.328	1.523	2.754	0.513	2.439	1.676	0.634	3.021	1.402
2157	38.705	480.207	648.207	0.328	1.538	2.674	0.513	2.447	1.647	0.634	3.019	1.406
2158	44.052	431.210	665.197	0.319	1.493	2.697	0.509	2.427	1.617	0.629	3.000	1.371
2159	37.913	498.911	643.248	0.330	1.544	2.673	0.514	2.451	1.647	0.634	3.018	1.414
2160	39.838	452.638	641.153	0.328	1.530	2.709	0.513	2.442	1.657	0.635	3.023	1.404
2161	33.527	467.393	615.599	0.345	1.606	2.770	0.525	2.491	1.754	0.644	3.049	1.519
2162	41.971	448.181	664.474	0.322	1.507	2.705	0.509	2.428	1.636	0.629	3.000	1.387
2163	29.610	509.735	671.370	0.485	1.583	3.792	0.550	2.500	1.969	0.702	3.061	1.873
2164	48.560	482.944	670.794	0.312	1.449	2.647	0.503	2.397	1.561	0.623	2.976	1.311
2165	27.127	461.050	679.652	0.616	1.611	4.457	0.696	2.494	2.786	0.754	3.071	2.185
2166	27.594	492.587	693.696	0.663	1.598	4.475	0.617	2.505	2.397	0.724	3.068	2.026
2167	29.622	440.684	647.216	0.562	1.584	4.280	0.546	2.514	1.983	0.655	3.075	1.615
2168	32.572	474.744	670.685	0.350	1.603	2.810	0.528	2.489	1.779	0.644	3.050	1.496
2169	37.753	417.478	675.707	0.336	1.554	2.769	0.518	2.456	1.714	0.638	3.026	1.454
2170	28.837	470.332	654.456	0.364	1.671	2.836	0.606	2.493	2.378	0.663	3.071	1.694
2171	33.614	423.384	673.883	0.351	1.597	2.869	0.528	2.482	1.812	0.643	3.046	1.512
2172	39.583	486.638	639.327	0.327	1.530	2.680	0.513	2.444	1.639	0.634	3.020	1.393
2173	35.578	481.320	668.565	0.337	1.570	2.682	0.519	2.469	1.674	0.639	3.036	1.441
2174	32.742	426.897	648.794	0.352	1.617	2.825	0.528	2.493	1.802	0.647	3.055	1.545
2175	34.968	444.799	646.571	0.342	1.582	2.784	0.523	2.482	1.731	0.640	3.036	1.484
2176	44.048	457.988	670.990	0.318	1.489	2.664	0.508	2.423	1.594	0.628	2.995	1.358
2177	32.321	467.473	688.341	0.350	1.614	2.748	0.528	2.496	1.746	0.646	3.057	1.500
2178	27.487	463.962	657.757	0.592	1.611	4.376	0.639	2.503	2.557	0.711	3.087	1.968
2179	42.772	456.806	658.140	0.323	1.498	2.725	0.510	2.421	1.650	0.629	3.001	1.370
2180	38.531	511.525	694.406	0.327	1.532	2.606	0.512	2.444	1.597	0.633	3.016	1.374
2181	48.528	479.401	632.299	0.311	1.456	2.618	0.502	2.397	1.563	0.624	2.977	1.327
2182	28.552	454.001	674.169	0.518	1.603	4.055	0.647	2.482	2.590	0.711	3.062	1.997
2183	36.803	431.273	631.168	0.342	1.563	2.840	0.521	2.459	1.772	0.638	3.028	1.479
2184	43.426	488.891	648.145	0.317	1.492	2.651	0.507	2.418	1.606	0.627	2.997	1.356
2185	39.284	432.786	613.407	0.465	1.486	3.815	0.516	2.451	1.706	0.636	3.019	1.450
2186	33.436	481.892	619.900	0.343	1.601	2.762	0.523	2.486	1.746	0.643	3.048	1.502
2187	36.727	461.485	629.066	0.336	1.562	2.760	0.518	2.460	1.715	0.637	3.027	1.459
2188	35.965	413.016	620.028	0.341	1.583	2.812	0.521	2.473	1.764	0.641	3.036	1.511
2189	38.303	410.434	628.283	0.333	1.554	2.800	0.517	2.456	1.738	0.636	3.023	1.470
2190	40.320	452.132	664.499	0.324	1.525	2.678	0.513	2.448	1.635	0.633	3.020	1.386
2191	43.555	497.593	651.601	0.317	1.491	2.619	0.509	2.432	1.565	0.628	2.995	1.350
2192	39.720	465.095	623.393	0.329	1.531	2.735	0.514	2.444	1.672	0.635	3.024	1.408
2193	44.615	447.710	651.970	0.317	1.488	2.680	0.506	2.415	1.622	0.627	2.994	1.368
2194	34.833	429.861	655.153	0.343	1.588	2.785	0.523	2.477	1.747	0.641	3.038	1.494
2195	31.866	506.294	705.719	0.348	1.613	2.697	0.527	2.497	1.711	0.644	3.052	1.478
2196	28.222	463.828	677.627	0.553	1.603	4.172	0.629	2.497	2.477	0.714	3.064	2.002

2197	50.402	463.504	659.179	0.309	1.438	2.674	0.501	2.387	1.572	0.622	2.974	1.304
2198	29.890	478.697	688.288	0.368	1.636	2.924	0.606	2.500	2.282	0.717	3.047	1.986
2199	45.788	468.948	651.879	0.317	1.472	2.689	0.506	2.408	1.601	0.626	2.985	1.346
2200	40.585	470.545	685.431	0.326	1.514	2.690	0.511	2.433	1.624	0.632	3.012	1.370
2201	46.347	478.737	692.916	0.313	1.466	2.591	0.504	2.405	1.546	0.625	2.985	1.316
2202	36.946	483.415	651.066	0.337	1.552	2.730	0.519	2.455	1.698	0.637	3.025	1.427
2203	38.509	483.037	635.414	0.330	1.539	2.703	0.515	2.451	1.651	0.634	3.016	1.421
2204	31.919	446.189	676.049	0.352	1.626	2.774	0.530	2.505	1.771	0.647	3.061	1.526
2205	32.088	466.876	625.332	0.353	1.618	2.841	0.530	2.498	1.805	0.647	3.057	1.540
2206	27.374	481.345	682.220	0.588	1.611	4.282	0.697	2.493	2.741	0.764	3.052	2.229
2207	44.165	413.460	689.009	0.323	1.488	2.765	0.510	2.414	1.669	0.629	2.995	1.383
2208	32.662	442.932	657.625	0.350	1.614	2.795	0.528	2.493	1.785	0.647	3.059	1.518
2209	38.115	439.887	636.212	0.334	1.550	2.757	0.517	2.456	1.704	0.636	3.021	1.451
2210	39.437	430.408	707.454	0.327	1.533	2.686	0.513	2.444	1.652	0.633	3.013	1.409
2211	42.842	437.849	681.004	0.321	1.504	2.655	0.510	2.432	1.607	0.631	3.006	1.374
2212	35.379	454.534	665.909	0.340	1.575	2.735	0.521	2.471	1.709	0.640	3.034	1.464
2213	64.302	447.869	670.396	0.309	1.339	2.929	0.500	2.340	1.622	0.616	2.935	1.293
2214	36.101	513.085	702.612	0.352	1.517	3.247	0.533	2.443	1.965	0.641	3.013	1.589
2215	46.483	451.450	664.035	0.315	1.472	2.650	0.506	2.411	1.577	0.626	2.983	1.354
2216	27.937	465.875	636.863	0.548	1.606	4.227	0.626	2.496	2.503	0.762	3.052	2.243
2217	29.616	445.089	646.844	0.513	1.592	4.065	0.542	2.520	1.936	0.692	3.062	1.892
2218	27.895	498.564	672.414	0.675	1.592	4.509	0.624	2.501	2.429	0.701	3.071	1.907
2219	36.612	433.776	690.534	0.343	1.560	2.818	0.523	2.462	1.745	0.638	3.029	1.455
2220	31.420	428.665	720.780	0.473	1.571	3.787	0.532	2.509	1.782	0.650	3.064	1.543
2221	38.786	520.028	701.659	0.329	1.526	2.615	0.514	2.445	1.594	0.633	3.015	1.368
2222	34.266	424.488	682.598	0.347	1.594	2.778	0.526	2.483	1.752	0.644	3.041	1.509
2223	39.538	462.115	635.609	0.328	1.533	2.698	0.513	2.443	1.661	0.635	3.024	1.404
2224	40.926	500.505	699.120	0.321	1.511	2.585	0.511	2.441	1.565	0.631	3.014	1.336
2225	30.940	523.690	619.749	0.355	1.623	2.786	0.531	2.505	1.769	0.650	3.072	1.510
2226	29.690	487.878	683.835	0.494	1.587	3.849	0.577	2.489	2.179	0.651	3.072	1.538
2227	31.689	487.753	696.346	0.356	1.613	2.802	0.532	2.493	1.790	0.647	3.060	1.498
2228	36.400	544.838	682.151	0.443	1.504	3.493	0.518	2.457	1.629	0.637	3.027	1.388
2229	24.431	436.740	659.610	0.978	1.628	5.667	0.956	2.508	3.622	1.010	3.063	3.064
2230	41.360	502.905	624.433	0.328	1.502	2.773	0.513	2.427	1.682	0.630	3.005	1.370
2231	40.688	459.292	651.301	0.326	1.520	2.700	0.512	2.438	1.639	0.632	3.013	1.392
2232	35.457	503.182	639.039	0.337	1.570	2.696	0.519	2.469	1.679	0.639	3.035	1.447
2233	25.245	432.463	682.205	1.081	1.613	5.826	0.917	2.516	3.409	0.838	3.074	2.553
2234	24.282	469.390	663.965	1.151	1.624	5.911	0.971	2.508	3.599	0.947	3.082	2.814
2235	29.035	449.616	619.862	0.647	1.580	4.609	0.558	2.524	2.077	0.681	3.077	1.822
2236	32.133	497.184	677.759	0.350	1.604	2.791	0.528	2.490	1.764	0.645	3.060	1.469
2237	39.914	481.566	686.403	0.328	1.521	2.662	0.513	2.439	1.620	0.632	3.012	1.375
2238	39.431	469.464	648.131	0.329	1.532	2.683	0.513	2.443	1.640	0.633	3.012	1.412
2239	43.864	451.410	673.747	0.318	1.492	2.649	0.508	2.425	1.596	0.629	3.004	1.350
2240	35.433	508.438	627.187	0.338	1.570	2.714	0.519	2.465	1.695	0.639	3.032	1.448

2241	36.360	464.535	664.730	0.336	1.562	2.720	0.518	2.460	1.692	0.638	3.030	1.438
2242	35.085	445.764	683.179	0.341	1.580	2.727	0.624	2.444	2.354	0.640	3.036	1.468
2243	44.522	459.716	660.587	0.317	1.487	2.646	0.507	2.418	1.591	0.629	3.001	1.345
2244	38.216	441.144	597.033	0.335	1.554	2.801	0.518	2.458	1.727	0.636	3.022	1.468
2245	29.826	499.999	650.165	0.384	1.614	3.176	0.590	2.488	2.251	0.697	3.048	1.895
2246	40.060	471.631	649.516	0.329	1.521	2.729	0.514	2.439	1.663	0.633	3.014	1.394
2247	31.087	466.665	661.417	0.354	1.631	2.792	0.546	2.488	1.978	0.648	3.060	1.538
2248	27.461	453.771	691.308	0.934	1.586	5.261	0.646	2.507	2.554	0.739	3.065	2.130
2249	31.958	478.941	700.001	0.463	1.562	3.667	0.533	2.492	1.801	0.713	3.028	1.948
2250	32.648	482.046	687.660	0.350	1.601	2.763	0.528	2.485	1.755	0.645	3.051	1.489
2251	28.997	501.307	670.832	0.456	1.598	3.669	0.597	2.498	2.271	0.654	3.076	1.566
2252	37.287	470.389	676.722	0.333	1.551	2.673	0.517	2.458	1.651	0.637	3.031	1.408
2253	36.505	488.636	612.142	0.336	1.564	2.719	0.518	2.460	1.696	0.640	3.041	1.439
2254	35.532	434.396	634.754	0.382	1.537	3.330	0.521	2.474	1.743	0.641	3.044	1.478
2255	37.405	488.913	658.099	0.331	1.548	2.673	0.515	2.453	1.653	0.635	3.021	1.414
2256	45.153	452.694	668.682	0.317	1.480	2.673	0.507	2.418	1.589	0.628	3.000	1.344
2257	46.740	476.800	637.876	0.314	1.467	2.663	0.504	2.405	1.586	0.625	2.983	1.337
2258	38.668	478.550	657.464	0.330	1.535	2.709	0.515	2.447	1.666	0.633	3.015	1.403
2259	39.204	444.170	642.282	0.330	1.539	2.717	0.514	2.447	1.670	0.635	3.018	1.429
2260	40.782	464.098	684.818	0.323	1.517	2.646	0.511	2.436	1.616	0.631	3.009	1.375
2261	29.297	462.994	664.930	0.541	1.589	4.138	0.538	2.530	1.837	0.703	3.052	1.953
2262	36.507	466.924	605.199	0.340	1.564	2.818	0.521	2.461	1.759	0.640	3.037	1.462
2263	30.240	438.748	706.040	0.520	1.578	4.014	0.578	2.500	2.177	0.702	3.055	1.910
2264	30.507	471.794	699.372	0.360	1.635	2.812	0.538	2.522	1.794	0.651	3.072	1.530
2265	33.813	447.357	731.932	0.348	1.590	2.769	0.526	2.479	1.745	0.645	3.055	1.461
2266	39.042	522.649	707.371	0.328	1.524	2.585	0.514	2.450	1.564	0.634	3.020	1.348
2267	45.314	484.698	611.986	0.318	1.481	2.670	0.507	2.415	1.595	0.629	3.000	1.351
2268	33.940	482.259	635.311	0.344	1.589	2.780	0.523	2.476	1.754	0.641	3.041	1.479
2269	26.820	445.332	673.587	0.774	1.598	5.021	0.652	2.508	2.641	0.761	3.071	2.235
2270	29.753	461.614	614.425	0.480	1.590	3.930	0.542	2.510	1.963	0.660	3.068	1.677
2271	36.854	481.344	686.899	0.335	1.549	2.725	0.517	2.454	1.680	0.636	3.027	1.409
2272	44.146	464.563	639.438	0.319	1.491	2.665	0.508	2.421	1.602	0.628	2.992	1.370
2273	42.720	463.554	652.376	0.321	1.501	2.678	0.509	2.427	1.613	0.629	3.001	1.370
2274	29.877	501.606	750.956	0.356	1.639	2.714	0.577	2.482	2.137	0.698	3.047	1.856
2275	40.007	443.763	622.687	0.335	1.529	2.784	0.517	2.442	1.707	0.637	3.025	1.421
2276	36.014	455.240	696.818	0.335	1.569	2.691	0.519	2.468	1.680	0.638	3.032	1.438
2277	44.352	471.331	680.531	0.317	1.485	2.618	0.509	2.429	1.556	0.628	2.994	1.344
2278	32.135	476.933	704.617	0.443	1.563	3.564	0.529	2.497	1.747	0.648	3.066	1.477
2279	39.767	499.824	644.294	0.329	1.522	2.681	0.514	2.445	1.628	0.633	3.015	1.385
2280	46.643	478.011	640.332	0.313	1.469	2.646	0.504	2.406	1.580	0.625	2.985	1.337
2281	33.563	460.705	685.361	0.347	1.591	2.795	0.525	2.478	1.759	0.642	3.047	1.474
2282	26.758	477.385	678.293	0.629	1.614	4.468	0.659	2.501	2.632	0.798	3.053	2.366
2283	31.904	418.990	641.774	0.363	1.619	2.997	0.537	2.493	1.925	0.649	3.063	1.567
2284	39.115	416.253	604.563	0.332	1.547	2.806	0.516	2.452	1.730	0.635	3.018	1.470

2285	28.696	525.972	669.665	0.438	1.600	3.533	0.593	2.495	2.239	0.710	3.048	1.955
2286	35.505	463.668	640.663	0.345	1.568	2.830	0.524	2.467	1.762	0.640	3.033	1.471
2287	35.516	438.355	681.135	0.339	1.577	2.736	0.520	2.469	1.717	0.641	3.047	1.449
2288	37.140	498.743	671.653	0.332	1.549	2.661	0.516	2.456	1.641	0.635	3.021	1.411
2289	34.226	476.356	697.428	0.343	1.583	2.702	0.523	2.478	1.695	0.642	3.042	1.457
2290	28.418	486.792	598.098	0.536	1.599	4.183	0.543	2.538	1.900	0.742	3.047	2.169
2291	28.319	494.363	656.037	0.512	1.602	3.980	0.565	2.525	2.083	0.654	3.085	1.574
2292	35.719	502.548	680.964	0.340	1.557	2.744	0.521	2.460	1.700	0.637	3.029	1.420
2293	33.638	488.943	720.296	0.345	1.591	2.691	0.524	2.480	1.696	0.645	3.060	1.431
2294	31.428	465.483	653.525	0.357	1.626	2.820	0.533	2.502	1.811	0.650	3.057	1.552
2295	37.845	463.414	685.281	0.333	1.544	2.709	0.517	2.453	1.666	0.635	3.020	1.414
2296	32.364	461.012	668.506	0.350	1.614	2.761	0.528	2.495	1.753	0.648	3.064	1.501
2297	29.752	476.027	647.327	0.391	1.618	3.248	0.593	2.487	2.295	0.654	3.083	1.560
2298	33.656	493.636	694.733	0.345	1.585	2.745	0.602	2.458	2.226	0.697	3.024	1.844
2299	35.473	451.149	667.220	0.342	1.574	2.744	0.522	2.470	1.721	0.641	3.033	1.472
2300	31.200	430.035	697.090	0.357	1.636	2.826	0.532	2.511	1.800	0.649	3.062	1.556
2301	26.179	447.681	671.303	0.982	1.600	5.519	0.723	2.500	2.920	0.939	3.053	2.801
2302	40.204	450.186	598.367	0.333	1.525	2.842	0.517	2.436	1.750	0.634	3.017	1.431
2303	38.046	465.516	619.524	0.330	1.550	2.731	0.515	2.453	1.695	0.635	3.024	1.440
2304	33.874	504.133	637.480	0.340	1.589	2.713	0.597	2.448	2.259	0.641	3.041	1.470
2305	36.831	418.913	731.678	0.337	1.560	2.735	0.519	2.459	1.701	0.638	3.030	1.445
2306	42.147	475.559	670.505	0.322	1.505	2.627	0.510	2.429	1.594	0.631	3.008	1.355
2307	42.952	441.604	676.340	0.322	1.500	2.681	0.509	2.426	1.615	0.630	3.004	1.373
2308	50.548	453.478	666.511	0.307	1.440	2.644	0.500	2.388	1.558	0.621	2.969	1.312
2309	30.885	465.385	648.574	0.364	1.624	2.956	0.537	2.500	1.885	0.649	3.067	1.541
2310	42.305	487.821	693.439	0.321	1.496	2.644	0.508	2.422	1.592	0.630	3.008	1.334
2311	33.409	447.839	692.168	0.350	1.602	2.774	0.527	2.487	1.754	0.645	3.047	1.504
2312	34.006	458.550	664.738	0.346	1.591	2.764	0.524	2.480	1.736	0.643	3.044	1.492
2313	34.298	485.717	659.152	0.342	1.583	2.732	0.522	2.475	1.716	0.642	3.043	1.464
2314	36.274	438.743	624.007	0.340	1.573	2.781	0.521	2.469	1.739	0.641	3.043	1.472
2315	35.298	484.307	681.240	0.337	1.572	2.690	0.519	2.471	1.673	0.638	3.035	1.436
2316	39.872	489.423	646.011	0.327	1.524	2.667	0.514	2.446	1.618	0.632	3.008	1.397
2317	24.710	473.337	682.269	1.669	1.614	6.609	0.881	2.514	3.320	0.942	3.068	2.813
2318	38.582	450.868	697.063	0.338	1.530	2.807	0.519	2.441	1.726	0.634	3.017	1.404
2319	40.728	471.437	638.319	0.326	1.522	2.668	0.512	2.439	1.628	0.633	3.011	1.394
2320	30.444	493.239	666.876	0.354	1.633	2.775	0.561	2.483	2.080	0.649	3.065	1.524
2321	33.829	457.756	656.132	0.348	1.591	2.816	0.528	2.491	1.759	0.643	3.042	1.497
2322	36.219	478.901	694.381	0.335	1.560	2.678	0.518	2.464	1.661	0.638	3.036	1.410
2323	50.089	468.801	637.523	0.308	1.444	2.631	0.500	2.387	1.561	0.622	2.970	1.321
2324	28.871	462.617	656.324	0.373	1.661	2.993	0.658	2.484	2.618	0.718	3.050	2.043
2325	39.103	477.942	638.767	0.332	1.532	2.747	0.516	2.446	1.684	0.634	3.017	1.414
2326	40.896	448.807	679.632	0.324	1.518	2.671	0.511	2.438	1.626	0.631	3.006	1.392
2327	29.442	483.529	631.600	0.361	1.657	2.831	0.535	2.523	1.823	0.707	3.051	1.966
2328	31.647	474.713	695.147	0.360	1.608	2.907	0.576	2.469	2.166	0.646	3.057	1.503

2329	33.332	431.286	655.409	0.351	1.604	2.835	0.528	2.484	1.805	0.647	3.054	1.523
2330	35.300	491.926	688.715	0.337	1.568	2.680	0.519	2.467	1.669	0.638	3.032	1.427
2331	35.658	469.688	639.087	0.340	1.572	2.742	0.521	2.468	1.712	0.640	3.032	1.469
2332	46.311	476.480	670.237	0.313	1.470	2.622	0.505	2.416	1.551	0.625	2.986	1.325
2333	45.121	452.998	696.870	0.317	1.479	2.662	0.507	2.412	1.602	0.626	2.988	1.346
2334	35.140	429.411	632.205	0.345	1.585	2.814	0.525	2.475	1.772	0.642	3.040	1.501
2335	38.219	488.332	678.687	0.328	1.539	2.652	0.514	2.450	1.633	0.635	3.029	1.383
2336	28.737	445.379	675.081	0.535	1.600	4.138	0.648	2.488	2.579	0.711	3.059	2.001
2337	35.775	470.740	645.150	0.341	1.566	2.783	0.522	2.463	1.739	0.639	3.035	1.456
2338	39.903	466.240	698.706	0.325	1.523	2.645	0.512	2.440	1.614	0.633	3.015	1.377
2339	34.802	489.532	638.133	0.341	1.580	2.711	0.522	2.474	1.702	0.641	3.036	1.470
2340	32.377	498.102	660.150	0.348	1.605	2.752	0.526	2.488	1.739	0.644	3.049	1.491
2341	50.999	476.673	668.898	0.306	1.435	2.609	0.500	2.387	1.533	0.621	2.970	1.293
2342	26.451	452.715	656.565	0.709	1.609	4.875	0.662	2.514	2.686	0.787	3.057	2.379
2343	61.148	451.699	694.561	0.291	1.351	2.626	0.489	2.336	1.468	0.611	2.933	1.209
2344	37.757	455.928	664.531	0.332	1.553	2.643	0.517	2.452	1.669	0.637	3.025	1.428
2345	39.465	493.103	677.754	0.326	1.527	2.627	0.513	2.443	1.609	0.633	3.020	1.368
2346	36.275	491.871	659.711	0.336	1.561	2.685	0.518	2.463	1.666	0.639	3.032	1.433
2347	27.831	464.962	687.705	0.527	1.612	4.059	0.653	2.497	2.578	0.764	3.053	2.225
2348	29.134	490.353	691.767	0.457	1.600	3.663	0.541	2.514	1.876	0.696	3.055	1.885
2349	34.354	442.254	682.038	0.348	1.584	2.811	0.527	2.475	1.778	0.642	3.039	1.488
2350	32.022	490.431	703.894	0.350	1.613	2.723	0.528	2.496	1.735	0.648	3.066	1.476
2351	41.837	521.141	680.879	0.323	1.498	2.619	0.511	2.436	1.561	0.630	3.003	1.340
2352	37.960	458.275	633.884	0.335	1.549	2.739	0.517	2.454	1.689	0.637	3.021	1.445
2353	31.927	475.965	637.468	0.350	1.622	2.772	0.528	2.502	1.769	0.647	3.058	1.523
2354	43.563	492.818	605.843	0.319	1.492	2.701	0.508	2.420	1.626	0.628	2.997	1.374
2355	35.713	464.874	676.877	0.337	1.568	2.722	0.519	2.467	1.696	0.638	3.035	1.441
2356	33.991	502.729	667.650	0.342	1.585	2.699	0.522	2.476	1.700	0.642	3.043	1.458
2357	33.270	453.357	646.875	0.350	1.603	2.805	0.527	2.486	1.775	0.645	3.050	1.516
2358	30.466	448.963	582.857	0.361	1.654	2.919	0.535	2.514	1.904	0.652	3.069	1.619
2359	30.786	452.762	678.781	0.468	1.580	3.782	0.615	2.474	2.394	0.707	3.039	1.961
2360	34.322	461.832	698.771	0.344	1.586	2.723	0.524	2.479	1.709	0.642	3.040	1.468
2361	33.760	502.606	680.286	0.344	1.587	2.701	0.523	2.477	1.697	0.642	3.040	1.460
2362	32.698	441.456	682.247	0.353	1.613	2.806	0.529	2.495	1.777	0.648	3.059	1.516
2363	41.589	482.933	660.055	0.323	1.506	2.662	0.511	2.435	1.602	0.631	3.013	1.358
2364	40.632	468.982	656.296	0.326	1.520	2.672	0.511	2.436	1.628	0.632	3.013	1.384
2365	17.134	480.664	697.535	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2366	48.717	510.957	657.793	0.332	1.427	2.897	0.515	2.381	1.714	0.628	2.968	1.381
2367	24.604	476.588	668.406	0.991	1.622	5.580	0.937	2.500	3.509	0.953	3.071	2.842
2368	29.437	480.639	646.289	0.460	1.594	3.748	0.545	2.506	1.967	0.661	3.079	1.634
2369	42.076	487.212	677.882	0.322	1.498	2.672	0.510	2.424	1.615	0.628	2.998	1.358
2370	25.776	499.784	717.300	0.743	1.616	4.729	0.938	2.485	3.386	0.845	3.058	2.481
2371	31.472	463.792	670.971	0.367	1.612	2.969	0.540	2.489	1.905	0.650	3.062	1.532
2372	33.916	483.989	699.802	0.345	1.587	2.730	0.525	2.480	1.718	0.642	3.045	1.457

2373	39.297	453.046	675.596	0.330	1.532	2.690	0.515	2.445	1.649	0.635	3.015	1.412
2374	34.495	454.457	644.436	0.343	1.589	2.754	0.523	2.482	1.728	0.642	3.042	1.492
2375	35.438	537.066	630.656	0.336	1.565	2.681	0.519	2.467	1.660	0.637	3.030	1.427
2376	29.857	471.645	614.506	0.440	1.593	3.696	0.536	2.518	1.859	0.653	3.073	1.590
2377	24.413	486.106	624.662	1.313	1.622	6.150	0.892	2.519	3.368	0.929	3.071	2.796
2378	42.200	465.259	630.406	0.328	1.499	2.816	0.513	2.422	1.715	0.631	3.014	1.371
2379	37.985	470.055	744.844	0.330	1.540	2.642	0.515	2.452	1.619	0.634	3.022	1.381
2380	35.029	501.957	668.396	0.340	1.573	2.672	0.521	2.468	1.675	0.641	3.036	1.450
2381	37.628	508.903	650.192	0.332	1.543	2.674	0.517	2.458	1.637	0.636	3.023	1.406
2382	40.152	490.040	651.033	0.325	1.520	2.659	0.511	2.436	1.623	0.633	3.017	1.380
2383	35.752	499.739	613.847	0.338	1.570	2.722	0.519	2.465	1.698	0.640	3.044	1.438
2384	35.895	485.597	672.673	0.336	1.564	2.703	0.518	2.463	1.681	0.637	3.030	1.434
2385	45.422	466.012	647.783	0.316	1.479	2.660	0.506	2.413	1.587	0.627	2.990	1.352
2386	34.674	497.901	696.055	0.340	1.575	2.690	0.521	2.471	1.680	0.639	3.036	1.430
2387	32.239	456.648	709.510	0.353	1.611	2.782	0.529	2.493	1.757	0.647	3.056	1.508
2388	47.400	516.598	696.596	0.313	1.454	2.570	0.503	2.398	1.527	0.623	2.980	1.287
2389	39.925	494.905	696.391	0.330	1.517	2.674	0.515	2.436	1.635	0.632	3.011	1.366
2390	41.847	497.329	641.750	0.323	1.505	2.648	0.510	2.433	1.592	0.631	3.003	1.373
2391	41.215	448.044	613.304	0.326	1.521	2.732	0.512	2.437	1.663	0.633	3.014	1.408
2392	26.608	465.741	635.295	0.849	1.596	5.262	0.641	2.511	2.613	0.771	3.062	2.313
2393	49.939	514.757	632.410	0.309	1.438	2.652	0.501	2.388	1.561	0.622	2.977	1.284
2394	27.114	430.767	667.504	0.805	1.591	5.165	0.684	2.507	2.764	0.753	3.065	2.229
2395	33.234	491.331	652.728	0.350	1.592	2.829	0.527	2.478	1.788	0.642	3.045	1.483
2396	38.319	487.402	650.264	0.331	1.539	2.692	0.516	2.450	1.657	0.634	3.017	1.411
2397	32.915	461.589	706.010	0.347	1.605	2.726	0.526	2.488	1.729	0.645	3.052	1.488
2398	26.542	484.513	666.161	1.025	1.593	5.465	0.696	2.493	2.800	0.793	3.069	2.319
2399	36.193	439.069	651.688	0.345	1.562	2.861	0.524	2.460	1.784	0.639	3.034	1.462
2400	47.718	460.269	683.084	0.310	1.458	2.634	0.504	2.408	1.551	0.624	2.982	1.318
2401	47.015	435.023	685.611	0.315	1.467	2.681	0.505	2.405	1.599	0.625	2.985	1.345
2402	25.732	441.835	629.145	0.959	1.610	5.618	0.712	2.520	2.918	0.944	3.059	2.877
2403	40.449	458.017	692.434	0.329	1.513	2.753	0.516	2.447	1.656	0.631	3.011	1.377
2404	32.855	498.946	659.689	0.346	1.599	2.725	0.525	2.488	1.714	0.644	3.046	1.487
2405	29.209	453.953	664.024	0.473	1.602	3.833	0.586	2.495	2.275	0.697	3.063	1.908
2406	26.825	484.212	683.427	0.932	1.592	5.222	0.676	2.495	2.696	0.745	3.065	2.148
2407	32.640	504.492	671.181	0.355	1.591	2.857	0.531	2.481	1.796	0.646	3.065	1.451
2408	40.157	471.781	639.056	0.329	1.523	2.711	0.514	2.439	1.654	0.634	3.018	1.394
2409	28.792	439.583	613.388	0.573	1.593	4.404	0.540	2.539	1.907	0.657	3.086	1.644
2410	31.233	450.571	618.961	0.369	1.616	3.093	0.533	2.505	1.874	0.648	3.063	1.566
2411	32.231	526.455	647.945	0.347	1.603	2.749	0.525	2.487	1.737	0.644	3.053	1.474
2412	51.211	483.833	635.206	0.306	1.433	2.640	0.500	2.387	1.540	0.620	2.967	1.302
2413	32.707	428.108	561.944	0.363	1.611	3.106	0.536	2.489	1.974	0.648	3.056	1.600
2414	34.440	519.217	662.998	0.336	1.574	2.709	0.519	2.474	1.684	0.638	3.039	1.431
2415	33.366	480.355	666.241	0.347	1.594	2.760	0.525	2.484	1.734	0.643	3.043	1.489
2416	25.993	495.154	705.832	0.954	1.598	5.279	0.657	2.510	2.605	0.743	3.075	2.132

2417	47.000	477.911	618.853	0.318	1.461	2.737	0.507	2.400	1.635	0.625	2.981	1.347
2418	33.707	500.388	683.459	0.382	1.555	3.182	0.523	2.476	1.719	0.641	3.045	1.443
2419	40.694	458.116	634.261	0.328	1.522	2.711	0.513	2.439	1.653	0.633	3.010	1.410
2420	36.263	450.231	686.791	0.336	1.567	2.703	0.518	2.466	1.681	0.638	3.033	1.443
2421	26.920	434.456	703.762	0.963	1.589	5.438	0.657	2.512	2.634	0.746	3.068	2.183
2422	38.871	478.957	637.811	0.335	1.531	2.783	0.517	2.441	1.705	0.634	3.015	1.415
2423	39.026	434.342	629.667	0.331	1.542	2.747	0.515	2.452	1.689	0.635	3.020	1.440
2424	31.366	475.990	656.639	0.351	1.628	2.755	0.529	2.506	1.765	0.705	3.045	1.914
2425	35.770	439.969	659.736	0.341	1.572	2.778	0.521	2.467	1.737	0.640	3.036	1.469
2426	49.343	468.533	704.142	0.307	1.447	2.580	0.502	2.398	1.528	0.621	2.973	1.296
2427	47.442	479.287	692.705	0.316	1.453	2.672	0.504	2.396	1.571	0.623	2.979	1.305
2428	46.158	460.735	584.446	0.318	1.475	2.751	0.507	2.408	1.648	0.627	2.993	1.370
2429	43.399	479.329	678.798	0.317	1.488	2.662	0.508	2.427	1.589	0.627	3.001	1.333
2430	31.162	416.892	657.876	0.361	1.643	2.891	0.536	2.516	1.855	0.652	3.068	1.591
2431	36.723	475.178	634.692	0.336	1.559	2.739	0.520	2.473	1.683	0.637	3.027	1.444
2432	39.140	438.709	669.937	0.330	1.537	2.718	0.514	2.449	1.663	0.634	3.019	1.421
2433	41.988	503.388	644.738	0.321	1.504	2.638	0.508	2.426	1.597	0.630	3.008	1.350
2434	26.427	499.075	684.367	0.944	1.593	5.258	0.668	2.516	2.616	0.749	3.069	2.161
2435	34.654	442.235	670.663	0.351	1.575	2.886	0.529	2.470	1.817	0.641	3.037	1.483
2436	58.190	457.768	652.109	0.297	1.392	2.672	0.000	0.000	0.000	0.000	0.000	0.000
2437	55.900	496.022	657.142	0.316	1.385	2.862	0.501	2.364	1.590	0.617	2.952	1.277
2438	33.347	497.685	626.498	0.365	1.576	3.044	0.540	2.479	1.902	0.650	3.043	1.569
2439	48.520	455.950	696.008	0.309	1.453	2.625	0.501	2.396	1.555	0.624	2.984	1.307
2440	42.113	445.146	592.911	0.328	1.513	2.789	0.513	2.432	1.698	0.633	3.014	1.405
2441	25.607	522.315	626.526	0.912	1.607	5.258	0.841	2.511	3.120	0.915	3.059	2.701
2442	43.785	450.526	692.237	0.323	1.484	2.754	0.511	2.423	1.641	0.628	3.000	1.345
2443	53.650	473.919	610.793	0.306	1.418	2.709	0.498	2.373	1.575	0.619	2.963	1.299
2444	41.306	471.148	618.137	0.330	1.507	2.839	0.516	2.435	1.718	0.630	3.010	1.386
2445	33.842	485.373	670.626	0.342	1.590	2.713	0.596	2.451	2.238	0.689	3.019	1.831
2446	36.174	418.140	664.624	0.340	1.574	2.776	0.522	2.473	1.728	0.640	3.034	1.484
2447	43.845	469.893	608.141	0.319	1.494	2.696	0.508	2.426	1.621	0.628	2.998	1.377
2448	43.026	441.486	651.189	0.320	1.502	2.706	0.508	2.424	1.636	0.629	3.001	1.386
2449	44.492	472.554	672.765	0.316	1.482	2.642	0.508	2.426	1.569	0.627	2.995	1.338
2450	36.849	474.077	695.189	0.335	1.552	2.680	0.517	2.455	1.664	0.637	3.027	1.416
2451	31.228	476.205	616.419	0.357	1.633	2.826	0.532	2.503	1.817	0.650	3.059	1.567
2452	34.963	506.025	645.467	0.339	1.571	2.738	0.520	2.467	1.710	0.639	3.038	1.445
2453	38.401	496.888	687.139	0.329	1.533	2.640	0.514	2.448	1.618	0.635	3.028	1.370
2454	37.623	473.487	625.057	0.335	1.553	2.720	0.517	2.453	1.686	0.637	3.025	1.445
2455	30.295	495.850	650.966	0.355	1.638	2.785	0.596	2.480	2.282	0.649	3.064	1.540
2456	37.729	441.119	690.356	0.335	1.546	2.757	0.517	2.450	1.699	0.636	3.025	1.428
2457	29.618	452.629	659.560	0.364	1.661	2.867	0.538	2.527	1.846	0.655	3.078	1.597
2458	34.581	437.701	665.893	0.345	1.584	2.811	0.526	2.483	1.758	0.641	3.039	1.488
2459	37.183	433.214	691.951	0.335	1.556	2.721	0.517	2.459	1.685	0.637	3.028	1.441
2460	44.824	502.220	663.531	0.315	1.479	2.586	0.507	2.421	1.547	0.627	2.994	1.324

2461	36.633	492.013	669.147	0.335	1.556	2.685	0.518	2.458	1.670	0.639	3.038	1.406
2462	38.533	483.302	671.808	0.330	1.536	2.667	0.514	2.446	1.638	0.635	3.018	1.404
2463	25.793	503.055	660.968	0.697	1.619	4.696	0.880	2.504	3.223	0.934	3.054	2.747
2464	31.934	444.705	701.208	0.362	1.610	2.935	0.539	2.510	1.840	0.647	3.059	1.518
2465	48.330	466.305	642.141	0.312	1.456	2.670	0.502	2.396	1.573	0.624	2.979	1.335
2466	31.580	462.687	670.370	0.356	1.619	2.846	0.532	2.496	1.825	0.647	3.064	1.513
2467	38.414	484.782	733.589	0.330	1.531	2.648	0.515	2.447	1.616	0.633	3.014	1.378
2468	45.797	486.431	625.955	0.392	1.435	3.374	0.505	2.409	1.575	0.626	2.985	1.353
2469	26.046	474.798	677.985	0.791	1.608	5.010	0.682	2.501	2.763	0.734	3.078	2.124
2470	35.278	496.073	649.240	0.345	1.564	2.808	0.525	2.461	1.762	0.640	3.038	1.438
2471	35.971	503.932	614.153	0.337	1.565	2.726	0.519	2.464	1.698	0.638	3.029	1.453
2472	35.128	441.621	659.350	0.342	1.582	2.774	0.522	2.477	1.729	0.640	3.037	1.481
2473	40.963	465.085	646.882	0.325	1.519	2.678	0.511	2.437	1.631	0.631	3.008	1.395
2474	33.019	521.232	664.504	0.343	1.595	2.691	0.619	2.449	2.324	0.643	3.048	1.459
2475	56.004	487.976	732.677	0.298	1.400	2.521	0.496	2.374	1.446	0.616	2.952	1.233
2476	39.349	490.248	630.319	0.347	1.513	2.943	0.528	2.446	1.778	0.638	3.016	1.447
2477	33.786	441.360	694.140	0.345	1.599	2.752	0.525	2.489	1.736	0.644	3.048	1.490
2478	51.702	452.399	680.483	0.305	1.434	2.619	0.499	2.384	1.541	0.622	2.977	1.286
2479	35.235	477.952	594.624	0.350	1.570	2.927	0.528	2.465	1.830	0.641	3.043	1.472
2480	48.316	478.529	689.439	0.307	1.451	2.600	0.501	2.394	1.553	0.621	2.975	1.303
2481	28.727	471.103	698.269	0.522	1.590	4.042	0.601	2.493	2.329	0.717	3.056	1.999
2482	41.606	443.151	716.092	0.326	1.506	2.693	0.512	2.427	1.638	0.631	3.008	1.370
2483	36.688	461.472	652.325	0.337	1.562	2.724	0.518	2.460	1.689	0.640	3.040	1.434
2484	38.331	504.508	651.004	0.329	1.537	2.662	0.514	2.450	1.632	0.634	3.015	1.404
2485	37.662	462.746	698.477	0.332	1.549	2.668	0.516	2.454	1.648	0.636	3.024	1.414
2486	47.240	495.149	692.295	0.311	1.459	2.558	0.502	2.399	1.525	0.625	2.990	1.287
2487	27.674	471.085	619.143	0.622	1.604	4.515	0.650	2.504	2.605	0.727	3.071	2.082
2488	33.828	494.519	659.273	0.400	1.545	3.363	0.526	2.477	1.765	0.641	3.041	1.463
2489	43.683	468.915	659.588	0.319	1.491	2.660	0.508	2.425	1.592	0.629	3.002	1.348
2490	45.609	469.623	714.750	0.316	1.471	2.618	0.505	2.407	1.562	0.625	2.985	1.326
2491	46.616	449.207	677.866	0.317	1.467	2.689	0.506	2.406	1.593	0.626	2.986	1.345
2492	38.083	460.543	682.575	0.333	1.542	2.713	0.516	2.449	1.671	0.635	3.022	1.410
2493	41.247	475.523	684.960	0.322	1.510	2.623	0.510	2.432	1.597	0.631	3.011	1.356
2494	47.978	465.522	623.480	0.312	1.461	2.674	0.503	2.400	1.584	0.624	2.979	1.348
2495	32.226	436.212	677.855	0.355	1.617	2.867	0.532	2.495	1.839	0.647	3.063	1.519
2496	38.558	499.396	679.396	0.329	1.532	2.650	0.513	2.444	1.624	0.635	3.027	1.374
2497	41.226	469.694	707.594	0.323	1.510	2.625	0.510	2.433	1.591	0.631	3.005	1.368
2498	29.113	455.828	679.427	0.512	1.596	4.001	0.607	2.491	2.373	0.727	3.056	2.054
2499	44.797	484.091	651.579	0.318	1.480	2.679	0.507	2.411	1.607	0.627	2.991	1.348
2500	42.971	495.342	615.001	0.321	1.498	2.683	0.508	2.422	1.617	0.629	2.999	1.377
2501	33.153	485.153	687.968	0.345	1.596	2.728	0.524	2.482	1.729	0.643	3.049	1.465
2502	29.148	489.771	648.435	0.508	1.590	3.966	0.538	2.519	1.850	0.691	3.057	1.873
2503	28.722	438.294	650.435	0.620	1.590	4.513	0.637	2.488	2.566	0.705	3.064	1.981
2504	38.519	452.049	615.390	0.334	1.543	2.806	0.517	2.449	1.733	0.636	3.022	1.449

2505	41.242	447.416	681.101	0.323	1.514	2.676	0.510	2.434	1.632	0.630	3.008	1.381
2506	45.863	486.418	682.738	0.313	1.470	2.598	0.504	2.407	1.550	0.625	2.990	1.312
2507	35.021	458.363	666.711	0.343	1.577	2.756	0.523	2.472	1.727	0.641	3.039	1.464
2508	38.651	519.324	667.851	0.328	1.530	2.634	0.513	2.445	1.611	0.633	3.016	1.378
2509	29.701	426.456	632.458	0.504	1.591	4.082	0.540	2.528	1.904	0.656	3.081	1.624
2510	38.596	538.454	664.872	0.327	1.527	2.651	0.513	2.443	1.621	0.631	3.013	1.369
2511	45.826	468.846	627.148	0.316	1.476	2.677	0.506	2.411	1.594	0.627	2.994	1.348
2512	29.434	475.353	688.111	0.511	1.589	3.937	0.555	2.510	2.017	0.651	3.074	1.555
2513	42.456	483.384	698.247	0.323	1.494	2.663	0.509	2.420	1.602	0.629	3.004	1.337
2514	35.952	460.282	685.066	0.339	1.566	2.706	0.520	2.466	1.686	0.639	3.032	1.444
2515	43.441	492.482	694.268	0.318	1.488	2.600	0.508	2.428	1.548	0.627	2.995	1.332
2516	39.762	501.365	661.387	0.328	1.522	2.648	0.513	2.440	1.614	0.633	3.013	1.378
2517	38.359	419.989	645.094	0.334	1.551	2.750	0.517	2.456	1.703	0.637	3.024	1.457
2518	23.006	461.836	625.708	0.937	1.659	5.691	1.207	2.517	4.206	1.581	3.062	4.257
2519	41.198	455.404	694.711	0.331	1.503	2.813	0.515	2.427	1.706	0.629	3.004	1.369
2520	36.670	480.931	637.905	0.336	1.560	2.712	0.518	2.459	1.683	0.638	3.027	1.446
2521	25.601	431.633	698.953	0.993	1.610	5.588	0.946	2.491	3.538	0.942	3.063	2.820
2522	40.303	529.197	614.599	0.330	1.510	2.748	0.514	2.429	1.670	0.631	3.006	1.378
2523	29.318	501.404	657.275	0.382	1.626	3.114	0.535	2.517	1.815	0.651	3.071	1.554
2524	37.808	485.652	696.026	0.335	1.537	2.716	0.517	2.450	1.662	0.636	3.026	1.386
2525	35.345	466.523	664.756	0.340	1.574	2.710	0.521	2.468	1.699	0.642	3.046	1.442
2526	34.277	458.820	678.328	0.343	1.587	2.743	0.523	2.479	1.720	0.642	3.044	1.474
2527	37.646	440.823	641.720	0.335	1.556	2.745	0.518	2.458	1.706	0.637	3.024	1.453
2528	35.956	491.038	692.316	0.334	1.564	2.655	0.518	2.466	1.650	0.638	3.033	1.418
2529	41.375	442.372	631.785	0.327	1.519	2.717	0.512	2.436	1.655	0.633	3.013	1.405
2530	33.897	470.558	640.999	0.342	1.595	2.740	0.524	2.488	1.723	0.642	3.042	1.493
2531	31.829	459.379	666.931	0.352	1.621	2.798	0.640	2.460	2.477	0.647	3.058	1.523
2532	28.364	474.028	743.499	0.511	1.602	3.901	0.617	2.497	2.371	0.718	3.057	1.984
2533	41.595	437.947	714.511	0.329	1.506	2.724	0.512	2.426	1.648	0.632	3.010	1.379
2534	33.509	446.287	653.675	0.347	1.603	2.765	0.526	2.491	1.747	0.645	3.048	1.516
2535	33.764	459.871	671.264	0.345	1.595	2.757	0.524	2.483	1.737	0.643	3.046	1.488
2536	34.855	506.925	652.598	0.340	1.574	2.704	0.520	2.468	1.691	0.640	3.037	1.444
2537	33.339	495.930	637.393	0.347	1.595	2.765	0.525	2.481	1.744	0.644	3.047	1.489
2538	42.934	470.718	665.158	0.320	1.497	2.664	0.509	2.429	1.599	0.629	3.005	1.351
2539	36.299	458.458	671.410	0.337	1.564	2.707	0.519	2.464	1.686	0.638	3.029	1.443
2540	35.062	487.158	709.237	0.338	1.572	2.663	0.520	2.472	1.660	0.640	3.037	1.431
2541	27.276	462.491	660.313	0.662	1.604	4.631	0.654	2.511	2.604	0.727	3.065	2.097
2542	29.250	487.171	660.161	0.578	1.582	4.207	0.541	2.519	1.884	0.653	3.080	1.548
2543	43.408	504.014	680.276	0.320	1.485	2.650	0.509	2.425	1.579	0.627	2.995	1.332
2544	58.702	426.815	729.886	0.302	1.384	2.740	0.498	2.366	1.564	0.616	2.950	1.281
2545	36.567	485.265	672.603	0.361	1.533	3.034	0.537	2.454	1.857	0.646	3.033	1.494
2546	34.207	449.848	602.488	0.346	1.600	2.807	0.526	2.485	1.785	0.644	3.041	1.533
2547	38.733	477.430	643.112	0.328	1.536	2.701	0.513	2.445	1.661	0.633	3.018	1.409
2548	25.567	508.513	637.953	0.652	1.627	4.587	0.684	2.503	2.768	0.880	3.072	2.571

2549	32.469	479.666	616.826	0.359	1.601	2.948	0.534	2.484	1.874	0.645	3.051	1.522
2550	34.751	416.690	715.434	0.491	1.528	3.869	0.524	2.479	1.746	0.641	3.040	1.484
2551	42.176	469.929	689.888	0.322	1.503	2.629	0.509	2.425	1.593	0.630	3.002	1.363
2552	38.019	503.545	711.386	0.330	1.537	2.610	0.514	2.448	1.608	0.634	3.019	1.377
2553	33.017	490.186	639.686	0.349	1.601	2.764	0.526	2.486	1.741	0.646	3.049	1.506
2554	38.583	464.697	611.524	0.332	1.544	2.754	0.516	2.448	1.706	0.636	3.023	1.439
2555	35.943	478.714	593.182	0.337	1.573	2.752	0.519	2.470	1.723	0.639	3.035	1.476
2556	34.032	459.858	642.633	0.343	1.594	2.779	0.622	2.448	2.390	0.641	3.041	1.496
2557	36.196	451.085	701.294	0.337	1.565	2.718	0.519	2.463	1.690	0.638	3.032	1.436
2558	29.016	490.072	659.408	0.516	1.592	3.967	0.599	2.492	2.309	0.682	3.068	1.797
2559	36.607	478.397	699.767	0.338	1.551	2.726	0.519	2.456	1.688	0.637	3.028	1.415
2560	37.080	496.599	691.063	0.334	1.549	2.649	0.517	2.454	1.636	0.637	3.026	1.399
2561	40.387	479.317	650.402	0.327	1.520	2.667	0.513	2.444	1.613	0.633	3.009	1.395
2562	35.078	486.408	631.928	0.372	1.547	3.161	0.521	2.472	1.712	0.641	3.041	1.460
2563	43.932	495.713	684.069	0.317	1.483	2.621	0.508	2.427	1.552	0.626	2.994	1.328
2564	43.978	471.660	646.531	0.319	1.490	2.656	0.508	2.423	1.590	0.630	3.003	1.350
2565	26.011	507.158	665.005	0.951	1.600	5.288	0.666	2.502	2.668	0.760	3.070	2.215
2566	46.911	498.983	694.924	0.316	1.456	2.643	0.505	2.400	1.574	0.625	2.992	1.284
2567	39.179	434.853	679.164	0.334	1.534	2.752	0.517	2.445	1.695	0.635	3.018	1.417
2568	36.287	431.556	676.350	0.337	1.570	2.726	0.519	2.468	1.700	0.639	3.033	1.463
2569	40.871	472.945	716.983	0.323	1.512	2.612	0.510	2.434	1.590	0.631	3.007	1.361
2570	38.701	492.542	642.624	0.331	1.537	2.674	0.514	2.446	1.638	0.635	3.019	1.411
2571	27.097	470.952	628.597	0.592	1.614	4.430	0.588	2.516	2.327	0.664	3.095	1.698
2572	35.997	482.147	724.542	0.340	1.557	2.744	0.522	2.464	1.699	0.637	3.030	1.409
2573	34.684	443.022	624.252	0.346	1.592	2.792	0.525	2.478	1.765	0.644	3.039	1.520
2574	34.415	472.003	634.424	0.342	1.588	2.763	0.601	2.443	2.301	0.641	3.042	1.486
2575	30.720	455.959	610.359	0.358	1.645	2.868	0.533	2.512	1.855	0.650	3.064	1.589
2576	32.057	446.274	659.050	0.352	1.620	2.843	0.529	2.497	1.814	0.646	3.055	1.532
2577	40.755	472.297	693.995	0.324	1.513	2.657	0.511	2.434	1.614	0.632	3.017	1.356
2578	38.673	455.803	652.271	0.331	1.542	2.697	0.515	2.450	1.657	0.636	3.026	1.414
2579	32.836	446.477	657.961	0.348	1.613	2.771	0.527	2.497	1.758	0.646	3.056	1.516
2580	37.704	510.508	644.977	0.331	1.542	2.685	0.515	2.450	1.652	0.636	3.028	1.399
2581	43.443	456.769	674.918	0.319	1.493	2.658	0.510	2.434	1.582	0.628	2.996	1.360
2582	39.867	505.789	649.993	0.326	1.522	2.649	0.512	2.440	1.614	0.633	3.015	1.377
2583	35.583	466.146	691.471	0.338	1.569	2.703	0.520	2.468	1.680	0.640	3.037	1.439
2584	40.390	484.662	615.724	0.327	1.522	2.701	0.512	2.438	1.645	0.634	3.017	1.396
2585	42.917	482.385	693.331	0.318	1.493	2.629	0.509	2.433	1.565	0.628	3.002	1.333
2586	27.692	470.494	672.378	0.606	1.603	4.387	0.651	2.501	2.575	0.723	3.063	2.056
2587	37.521	492.392	659.042	0.336	1.542	2.744	0.518	2.450	1.693	0.635	3.020	1.413
2588	44.601	465.138	656.502	0.317	1.485	2.647	0.506	2.414	1.594	0.627	2.989	1.356
2589	50.971	482.446	648.334	0.306	1.435	2.629	0.498	2.383	1.537	0.620	2.967	1.297
2590	33.888	460.299	618.591	0.354	1.587	2.933	0.530	2.475	1.848	0.642	3.045	1.498
2591	38.091	511.461	588.418	0.331	1.543	2.737	0.515	2.450	1.680	0.636	3.028	1.419
2592	39.841	505.495	570.215	0.327	1.528	2.736	0.512	2.439	1.676	0.633	3.014	1.422

2593	37.335	440.784	642.246	0.333	1.559	2.756	0.517	2.460	1.705	0.637	3.029	1.452
2594	32.397	486.924	688.936	0.346	1.607	2.715	0.525	2.493	1.717	0.644	3.049	1.484
2595	30.416	475.656	647.511	0.462	1.581	3.744	0.535	2.508	1.836	0.676	3.067	1.742
2596	42.399	462.676	655.267	0.323	1.502	2.707	0.510	2.426	1.637	0.630	3.006	1.370
2597	33.566	485.793	643.117	0.344	1.595	2.740	0.523	2.480	1.736	0.643	3.045	1.485
2598	34.984	493.938	629.337	0.340	1.576	2.743	0.521	2.469	1.716	0.640	3.038	1.463
2599	40.430	469.034	695.260	0.325	1.518	2.652	0.512	2.436	1.630	0.631	3.010	1.373
2600	27.273	446.225	692.290	0.649	1.607	4.559	0.664	2.500	2.655	0.728	3.069	2.089
2601	31.178	447.311	673.067	0.363	1.627	2.918	0.601	2.474	2.329	0.649	3.062	1.550
2602	37.938	454.558	661.795	0.333	1.544	2.731	0.517	2.453	1.686	0.635	3.020	1.426
2603	22.472	475.884	622.996	1.430	1.642	6.742	1.013	2.524	3.855	83.406	3.069	55.490
2604	32.441	441.499	660.031	0.380	1.585	3.212	0.539	2.480	1.939	0.649	3.049	1.572
2605	39.953	457.725	688.519	0.327	1.524	2.674	0.000	0.000	0.000	0.000	0.000	0.000
2606	23.274	506.732	655.457	1.555	1.622	6.699	0.000	0.000	0.000	0.000	0.000	0.000
2607	38.250	439.643	668.911	0.344	1.533	2.906	0.000	0.000	0.000	0.000	0.000	0.000
2608	41.369	424.256	678.322	0.325	1.518	2.705	0.000	0.000	0.000	0.000	0.000	0.000
2609	40.167	462.761	647.078	0.326	1.528	2.669	0.514	2.452	1.630	0.633	3.013	1.403
2610	33.610	460.246	654.979	0.345	1.598	2.751	0.525	2.487	1.738	0.643	3.044	1.496
2611	37.476	511.829	680.185	0.331	1.542	2.642	0.515	2.453	1.628	0.636	3.027	1.385
2612	35.852	427.801	640.944	0.339	1.578	2.765	0.521	2.473	1.730	0.641	3.045	1.472
2613	38.937	437.859	638.747	0.330	1.542	2.732	0.515	2.449	1.692	0.634	3.017	1.438
2614	37.846	474.112	670.680	0.330	1.547	2.665	0.515	2.455	1.651	0.634	3.020	1.415
2615	30.319	513.676	633.123	0.487	1.575	3.830	0.532	2.512	1.774	0.651	3.070	1.531
2616	31.033	478.223	643.322	0.443	1.576	3.643	0.533	2.501	1.836	0.648	3.059	1.544
2617	38.456	474.635	702.465	0.331	1.535	2.688	0.000	0.000	0.000	0.636	3.029	1.379
2618	40.071	473.556	633.087	0.328	1.527	2.687	0.000	0.000	0.000	0.000	0.000	0.000
2619	38.427	463.967	698.520	0.328	1.539	2.653	0.000	0.000	0.000	0.000	0.000	0.000
2620	41.170	450.736	650.629	0.326	1.518	2.685	0.000	0.000	0.000	0.000	0.000	0.000
2621	36.386	447.792	660.923	0.336	1.567	2.719	0.000	0.000	0.000	0.000	0.000	0.000
2622	31.331	481.161	649.136	0.352	1.626	2.777	0.000	0.000	0.000	0.000	0.000	0.000
2623	29.136	438.106	651.917	0.600	1.586	4.429	0.000	0.000	0.000	0.000	0.000	0.000
2624	32.508	479.113	677.509	0.350	1.603	2.797	0.000	0.000	0.000	0.000	0.000	0.000
2625	38.517	459.288	703.972	0.332	1.537	2.693	0.515	2.446	1.651	0.635	3.019	1.404
2626	37.644	484.424	724.724	0.332	1.542	2.627	0.515	2.451	1.614	0.635	3.022	1.386
2627	54.278	498.426	642.474	0.301	1.416	2.548	0.497	2.379	1.487	0.619	2.962	1.269
2628	30.187	499.906	689.772	0.493	1.577	3.820	0.596	2.491	2.234	0.655	3.061	1.593
2629	34.693	434.978	690.603	0.346	1.581	2.797	0.525	2.470	1.764	0.642	3.040	1.483
2630	42.798	455.424	680.132	0.321	1.500	2.653	0.508	2.423	1.604	0.631	3.010	1.354
2631	37.455	467.172	686.112	0.333	1.551	2.668	0.517	2.458	1.649	0.636	3.022	1.419
2632	41.163	483.186	677.717	0.323	1.511	2.623	0.510	2.433	1.596	0.630	3.002	1.371
2633	34.723	539.450	628.629	0.338	1.575	2.662	0.520	2.470	1.669	0.642	3.049	1.423
2634	36.856	450.203	659.883	0.336	1.559	2.735	0.518	2.458	1.702	0.640	3.042	1.428
2635	33.355	469.138	699.973	0.346	1.598	2.721	0.525	2.488	1.710	0.645	3.057	1.463
2636	33.002	467.997	686.110	0.349	1.601	2.757	0.539	2.474	1.890	0.645	3.049	1.495

2637	31.546	465.531	674.417	0.355	1.623	2.799	0.531	2.500	1.785	0.648	3.057	1.529
2638	36.100	457.280	662.760	0.340	1.565	2.757	0.521	2.465	1.715	0.639	3.033	1.454
2639	46.710	501.699	689.421	0.311	1.462	2.573	0.503	2.401	1.535	0.625	2.993	1.285
2640	44.843	463.777	667.303	0.319	1.481	2.668	0.507	2.410	1.613	0.627	2.992	1.349
2641	42.830	506.514	664.054	0.319	1.493	2.616	0.510	2.435	1.557	0.628	2.998	1.344
2642	31.826	454.243	660.757	0.375	1.599	3.104	0.531	2.502	1.788	0.647	3.056	1.536
2643	34.529	473.020	665.334	0.342	1.582	2.742	0.523	2.475	1.725	0.641	3.038	1.466
2644	48.786	491.723	648.639	0.309	1.450	2.606	0.501	2.392	1.542	0.623	2.977	1.308
2645	48.335	446.951	657.941	0.313	1.455	2.701	0.503	2.396	1.599	0.623	2.977	1.335
2646	28.118	465.206	687.256	0.786	1.581	4.868	0.546	2.535	1.920	0.744	3.053	2.138
2647	29.111	481.011	632.718	0.496	1.594	3.952	0.591	2.493	2.298	0.681	3.063	1.821
2648	27.196	458.854	632.175	0.641	1.608	4.625	0.758	2.490	3.004	0.754	3.058	2.246
2649	30.493	483.425	647.932	0.361	1.631	2.899	0.537	2.508	1.863	0.657	3.057	1.640
2650	31.555	463.306	619.145	0.356	1.625	2.877	0.533	2.498	1.851	0.648	3.058	1.552
2651	33.876	462.920	692.694	0.346	1.593	2.740	0.525	2.479	1.732	0.644	3.050	1.470
2652	35.352	461.649	655.670	0.341	1.575	2.744	0.521	2.468	1.718	0.640	3.034	1.469
2653	37.614	467.375	711.158	0.332	1.545	2.661	0.516	2.454	1.637	0.636	3.028	1.395
2654	42.331	469.831	635.196	0.323	1.508	2.666	0.511	2.437	1.608	0.630	2.999	1.390
2655	47.173	465.930	600.270	0.314	1.466	2.722	0.504	2.405	1.609	0.625	2.984	1.360
2656	38.096	491.826	650.081	0.330	1.539	2.710	0.515	2.450	1.667	0.633	3.018	1.403
2657	34.703	445.463	661.664	0.342	1.585	2.756	0.523	2.479	1.729	0.641	3.037	1.488
2658	39.477	442.049	687.776	0.329	1.532	2.692	0.513	2.443	1.651	0.634	3.016	1.409
2659	27.289	493.549	605.551	0.614	1.609	4.462	0.628	2.513	2.500	0.750	3.057	2.209
2660	37.981	449.342	692.067	0.335	1.539	2.785	0.518	2.447	1.718	0.635	3.027	1.404
2661	31.418	434.175	720.133	0.354	1.631	2.772	0.532	2.508	1.780	0.649	3.064	1.533
2662	41.722	467.589	646.398	0.325	1.511	2.678	0.513	2.440	1.620	0.631	3.005	1.389
2663	39.177	478.637	659.659	0.328	1.531	2.674	0.514	2.452	1.630	0.633	3.012	1.400
2664	33.172	451.126	620.903	0.514	1.543	4.025	0.527	2.493	1.779	0.645	3.047	1.535
2665	48.014	427.425	621.908	0.313	1.463	2.756	0.504	2.401	1.646	0.624	2.980	1.375
2666	36.163	439.441	631.010	0.340	1.569	2.826	0.521	2.462	1.769	0.638	3.034	1.471
2667	40.329	497.712	589.941	0.324	1.525	2.692	0.512	2.439	1.657	0.631	3.008	1.411
2668	40.883	447.538	692.786	0.324	1.516	2.683	0.511	2.436	1.630	0.631	3.009	1.380
2669	30.666	497.221	623.144	0.356	1.635	2.802	0.532	2.509	1.790	0.650	3.065	1.554
2670	39.843	476.236	615.172	0.329	1.526	2.751	0.513	2.438	1.683	0.632	3.010	1.417
2671	27.875	446.796	660.373	0.538	1.613	4.189	0.637	2.498	2.567	0.723	3.061	2.080
2672	36.706	457.051	641.819	0.340	1.557	2.810	0.521	2.460	1.742	0.638	3.030	1.453
2673	45.635	403.561	653.351	0.318	1.484	2.757	0.507	2.412	1.662	0.627	2.988	1.395
2674	47.383	465.252	663.794	0.311	1.461	2.664	0.502	2.399	1.579	0.625	2.989	1.319
2675	37.492	467.438	624.994	0.333	1.555	2.723	0.516	2.454	1.695	0.637	3.026	1.444
2676	35.697	481.787	635.804	0.336	1.571	2.709	0.519	2.468	1.696	0.640	3.045	1.434
2677	36.920	481.105	644.047	0.334	1.556	2.710	0.517	2.456	1.682	0.636	3.025	1.436
2678	36.352	459.330	609.232	0.338	1.571	2.758	0.520	2.466	1.727	0.639	3.030	1.479
2679	45.762	489.963	616.441	0.313	1.475	2.660	0.505	2.411	1.605	0.625	2.989	1.348
2680	35.093	444.618	680.520	0.342	1.577	2.778	0.522	2.470	1.741	0.641	3.051	1.441

2681	32.777	493.491	636.125	0.347	1.606	2.748	0.526	2.492	1.740	0.645	3.051	1.503
2682	39.821	506.108	602.255	0.328	1.525	2.716	0.513	2.438	1.662	0.634	3.019	1.396
2683	30.198	475.421	639.519	0.466	1.584	3.786	0.554	2.495	2.049	0.658	3.059	1.654
2684	40.235	470.380	672.379	0.327	1.518	2.704	0.514	2.446	1.633	0.633	3.022	1.369
2685	41.351	492.926	669.483	0.322	1.509	2.620	0.510	2.432	1.592	0.630	3.005	1.366
2686	42.744	521.458	624.028	0.319	1.496	2.627	0.508	2.423	1.584	0.628	2.995	1.358
2687	31.838	458.152	614.659	0.354	1.625	2.859	0.530	2.496	1.836	0.648	3.060	1.554
2688	28.858	471.105	621.030	0.467	1.603	3.854	0.611	2.495	2.422	0.655	3.085	1.605
2689	32.274	499.038	608.525	0.352	1.608	2.844	0.529	2.490	1.812	0.646	3.064	1.497
2690	36.573	459.144	668.214	0.336	1.560	2.744	0.519	2.462	1.702	0.637	3.028	1.440
2691	28.498	487.005	670.422	0.511	1.601	3.968	0.538	2.531	1.834	0.707	3.064	1.949
2692	35.160	483.158	607.424	0.345	1.574	2.838	0.525	2.471	1.768	0.641	3.039	1.479
2693	29.076	489.432	601.677	0.501	1.595	4.009	0.000	0.000	0.000	0.000	0.000	0.000
2694	40.510	468.907	642.892	0.327	1.518	2.744	0.000	0.000	0.000	0.000	0.000	0.000
2695	37.539	426.201	664.758	0.335	1.558	2.747	0.000	0.000	0.000	0.000	0.000	0.000
2696	31.458	457.542	691.698	0.353	1.629	2.762	0.000	0.000	0.000	0.000	0.000	0.000
2697	29.864	513.715	624.519	0.449	1.586	3.660	0.000	0.000	0.000	0.000	0.000	0.000
2698	33.676	508.620	696.463	0.397	1.546	3.280	0.000	0.000	0.000	0.000	0.000	0.000
2699	36.830	462.459	648.632	0.338	1.559	2.741	0.000	0.000	0.000	0.000	0.000	0.000
2700	34.204	519.438	637.861	0.374	1.553	3.132	0.000	0.000	0.000	0.000	0.000	0.000
2701	35.374	484.284	650.477	0.340	1.572	2.732	0.000	0.000	0.000	0.000	0.000	0.000
2702	42.355	459.408	665.220	0.322	1.504	2.673	0.000	0.000	0.000	0.000	0.000	0.000
2703	41.051	419.311	643.103	0.327	1.524	2.734	0.000	0.000	0.000	0.000	0.000	0.000
2704	28.712	494.532	684.555	0.486	1.602	3.821	0.581	2.498	2.205	0.713	3.071	1.943
2705	45.278	484.479	659.149	0.319	1.474	2.684	0.509	2.419	1.586	0.627	2.990	1.341
2706	43.747	440.042	647.044	0.321	1.496	2.709	0.508	2.423	1.629	0.629	2.998	1.383
2707	40.374	430.866	635.987	0.327	1.530	2.727	0.513	2.442	1.675	0.633	3.014	1.426
2708	33.761	470.034	691.966	0.342	1.591	2.714	0.608	2.445	2.305	0.641	3.043	1.465
2709	34.293	481.498	652.332	0.344	1.583	2.749	0.524	2.477	1.723	0.643	3.049	1.462
2710	35.181	438.847	713.703	0.341	1.579	2.728	0.595	2.439	2.251	0.640	3.037	1.461
2711	28.208	429.351	662.093	0.630	1.598	4.563	0.657	2.497	2.647	0.733	3.066	2.119
2712	38.201	472.433	703.323	0.332	1.536	2.704	0.516	2.445	1.664	0.635	3.024	1.389
2713	49.191	457.947	677.891	0.310	1.449	2.635	0.501	2.394	1.549	0.624	2.981	1.312
2714	34.376	474.944	650.280	0.347	1.580	2.825	0.526	2.475	1.763	0.641	3.040	1.468
2715	30.500	458.009	685.299	0.486	1.580	3.846	0.534	2.514	1.810	0.650	3.067	1.549
2716	31.969	447.216	649.846	0.356	1.620	2.859	0.531	2.494	1.829	0.648	3.055	1.545
2717	36.342	463.103	661.852	0.337	1.563	2.738	0.519	2.461	1.702	0.638	3.029	1.444
2718	41.087	439.978	685.135	0.378	1.479	3.277	0.513	2.444	1.617	0.632	3.008	1.393
2719	44.776	460.469	666.477	0.316	1.484	2.637	0.506	2.413	1.587	0.627	2.990	1.354
2720	36.696	497.552	593.708	0.337	1.559	2.767	0.518	2.458	1.714	0.640	3.040	1.440
2721	39.037	518.741	629.917	0.326	1.529	2.673	0.514	2.451	1.623	0.633	3.017	1.383
2722	42.231	421.935	686.368	0.323	1.510	2.704	0.512	2.438	1.630	0.632	3.010	1.389
2723	42.585	501.236	625.930	0.319	1.501	2.637	0.509	2.429	1.596	0.630	3.005	1.356
2724	41.573	452.323	615.968	0.325	1.516	2.731	0.510	2.432	1.660	0.631	3.007	1.412

2725	31.824	480.158	645.206	0.349	1.621	2.766	0.528	2.502	1.759	0.646	3.058	1.518
2726	27.851	465.145	660.381	0.709	1.592	4.728	0.662	2.497	2.634	0.728	3.073	2.061
2727	33.503	435.853	656.451	0.352	1.597	2.875	0.529	2.482	1.824	0.644	3.051	1.508
2728	27.770	454.671	689.915	0.604	1.605	4.367	0.660	2.501	2.608	0.768	3.054	2.249
2729	37.178	451.393	607.725	0.341	1.556	2.849	0.521	2.459	1.760	0.639	3.029	1.470
2730	47.495	488.841	652.453	0.309	1.460	2.616	0.503	2.407	1.554	0.623	2.983	1.313
2731	46.650	424.325	643.847	0.315	1.473	2.743	0.504	2.405	1.637	0.626	2.988	1.370
2732	32.956	431.437	671.129	0.351	1.612	2.825	0.529	2.492	1.805	0.645	3.055	1.516
2733	37.871	508.767	649.792	0.331	1.541	2.677	0.515	2.451	1.646	0.635	3.021	1.405
2734	30.426	479.159	645.402	0.374	1.621	3.055	0.544	2.497	1.959	0.653	3.066	1.584
2735	26.656	506.232	710.016	0.837	1.598	4.911	0.656	2.505	2.558	0.769	3.056	2.228
2736	47.152	445.519	677.423	0.320	1.458	2.761	0.507	2.401	1.626	0.626	2.984	1.344
2737	26.983	472.865	682.104	0.628	1.611	4.461	0.693	2.489	2.773	0.721	3.071	2.046
2738	30.589	495.400	734.407	0.366	1.617	2.890	0.536	2.499	1.818	0.649	3.070	1.482
2739	33.180	474.464	700.226	0.348	1.599	2.734	0.526	2.485	1.730	0.645	3.050	1.480
2740	34.730	492.150	733.972	0.342	1.575	2.675	0.522	2.471	1.668	0.641	3.039	1.427
2741	25.915	415.404	687.672	1.005	1.606	5.700	0.685	2.515	2.821	0.991	3.051	2.978
2742	23.175	500.406	644.376	1.276	1.643	6.149	0.901	2.537	3.396	1.099	3.082	3.192
2743	46.674	453.073	609.321	0.321	1.462	2.852	0.000	0.000	0.000	0.000	0.000	0.000
2744	44.088	438.009	655.004	0.319	1.494	2.693	0.509	2.428	1.619	0.628	2.996	1.379
2745	31.593	463.611	648.817	0.353	1.626	2.809	0.530	2.502	1.790	0.648	3.062	1.532
2746	30.330	441.050	676.116	0.468	1.587	3.798	0.536	2.514	1.852	0.652	3.072	1.572
2747	33.251	475.458	687.283	0.347	1.594	2.764	0.526	2.481	1.748	0.645	3.058	1.459
2748	26.845	483.407	652.789	0.606	1.616	4.428	0.637	2.519	2.524	0.729	3.072	2.097
2749	37.011	459.256	669.287	0.340	1.550	2.804	0.522	2.456	1.738	0.637	3.027	1.431
2750	36.283	454.037	618.430	0.338	1.572	2.750	0.520	2.470	1.718	0.639	3.030	1.478
2751	34.437	478.703	663.513	0.363	1.560	3.050	0.521	2.475	1.708	0.651	3.042	1.558
2752	45.869	476.654	754.522	0.313	1.467	2.560	0.503	2.405	1.527	0.625	2.993	1.285
2753	33.766	505.629	652.667	0.348	1.585	2.764	0.526	2.475	1.743	0.644	3.050	1.460
2754	25.461	460.378	643.245	0.956	1.612	5.544	0.763	2.501	3.092	0.811	3.073	2.461
2755	36.073	402.703	635.084	0.347	1.572	2.934	0.527	2.466	1.849	0.640	3.035	1.504
2756	37.297	462.880	636.410	0.332	1.556	2.718	0.516	2.457	1.692	0.636	3.027	1.439
2757	35.525	455.266	642.857	0.339	1.577	2.740	0.537	2.468	1.885	0.640	3.037	1.473
2758	34.658	447.549	647.928	0.342	1.587	2.762	0.523	2.482	1.729	0.641	3.038	1.489
2759	44.482	498.337	688.793	0.315	1.479	2.599	0.505	2.413	1.560	0.626	2.991	1.322
2760	34.610	510.806	669.518	0.343	1.574	2.719	0.522	2.469	1.691	0.641	3.040	1.437
2761	40.041	450.484	642.158	0.329	1.528	2.718	0.514	2.442	1.661	0.634	3.018	1.407
2762	36.172	451.182	694.985	0.336	1.568	2.693	0.518	2.465	1.682	0.638	3.034	1.441
2763	32.529	506.093	663.602	0.348	1.603	2.726	0.526	2.487	1.723	0.646	3.057	1.473
2764	30.976	460.844	696.752	0.490	1.572	3.835	0.535	2.516	1.791	0.704	3.050	1.900
2765	41.868	506.180	684.050	0.322	1.500	2.623	0.510	2.426	1.587	0.629	2.999	1.346
2766	24.759	451.300	642.347	1.075	1.619	5.876	0.972	2.500	3.656	0.861	3.074	2.655
2767	39.408	454.574	734.636	0.334	1.522	2.771	0.517	2.441	1.683	0.632	3.016	1.376
2768	38.577	477.576	654.185	0.331	1.540	2.669	0.515	2.448	1.640	0.635	3.015	1.420

2769	24.341	453.717	629.474	1.589	1.620	6.768	0.900	2.525	3.445	0.951	3.078	2.896
2770	28.043	464.582	671.223	0.608	1.599	4.393	0.602	2.504	2.364	0.752	3.064	2.159
2771	40.112	495.494	659.978	0.328	1.516	2.697	0.513	2.433	1.649	0.632	3.014	1.373
2772	37.299	487.019	725.244	0.334	1.546	2.628	0.517	2.455	1.620	0.637	3.025	1.393
2773	37.315	450.392	666.539	0.336	1.554	2.706	0.518	2.458	1.677	0.639	3.029	1.439
2774	38.000	465.002	644.023	0.332	1.546	2.712	0.515	2.450	1.670	0.635	3.021	1.430
2775	30.802	435.938	644.760	0.452	1.586	3.763	0.534	2.516	1.844	0.651	3.066	1.587
2776	33.367	482.352	641.605	0.346	1.595	2.788	0.525	2.482	1.759	0.642	3.044	1.491
2777	40.276	492.284	674.030	0.325	1.516	2.654	0.511	2.434	1.610	0.632	3.016	1.360
2778	33.536	500.543	635.964	0.345	1.593	2.735	0.524	2.480	1.731	0.644	3.047	1.484
2779	22.011	473.262	658.598	4.373	1.639	10.379	1.084	2.521	4.030	0.000	0.000	0.000
2780	33.441	494.379	713.056	0.360	1.578	2.924	0.603	2.461	2.223	0.697	3.026	1.841
2781	38.407	477.150	639.381	0.333	1.540	2.713	0.517	2.451	1.664	0.637	3.025	1.413
2782	26.800	471.990	692.130	0.933	1.591	5.275	0.658	2.514	2.598	0.750	3.069	2.173
2783	30.952	478.842	669.791	0.481	1.571	3.799	0.538	2.499	1.868	0.649	3.064	1.524
2784	29.853	463.450	676.300	0.450	1.595	3.668	0.586	2.496	2.227	0.654	3.084	1.554
2785	39.232	457.384	684.214	0.331	1.529	2.713	0.515	2.443	1.662	0.634	3.020	1.392
2786	35.579	424.845	607.329	0.343	1.589	2.803	0.524	2.480	1.763	0.642	3.035	1.525
2787	41.109	497.376	679.945	0.320	1.508	2.632	0.509	2.431	1.604	0.628	3.002	1.358
2788	47.485	484.288	673.804	0.311	1.459	2.595	0.502	2.398	1.547	0.624	2.979	1.313
2789	38.710	447.004	607.241	0.336	1.543	2.813	0.518	2.448	1.736	0.635	3.018	1.450
2790	40.183	523.963	668.772	0.322	1.516	2.612	0.513	2.450	1.576	0.630	3.009	1.358
2791	33.586	435.945	685.711	0.449	1.548	3.667	0.527	2.487	1.755	0.645	3.050	1.505
2792	40.689	445.899	696.406	0.326	1.518	2.675	0.512	2.440	1.616	0.632	3.010	1.383
2793	33.212	468.388	639.981	0.347	1.604	2.760	0.526	2.488	1.749	0.644	3.046	1.513
2794	30.124	469.091	690.433	0.458	1.588	3.690	0.535	2.516	1.809	0.651	3.072	1.544
2795	35.702	486.583	673.178	0.340	1.564	2.730	0.522	2.464	1.707	0.639	3.034	1.439
2796	37.009	489.000	729.790	0.334	1.552	2.639	0.517	2.459	1.628	0.638	3.038	1.379
2797	41.939	466.078	713.643	0.324	1.505	2.621	0.510	2.429	1.582	0.631	3.003	1.364
2798	32.472	449.108	624.703	0.354	1.619	2.839	0.530	2.496	1.804	0.649	3.057	1.555
2799	41.201	514.738	675.510	0.321	1.506	2.626	0.509	2.430	1.588	0.629	3.003	1.348
2800	32.818	441.667	616.462	0.352	1.617	2.835	0.529	2.493	1.813	0.647	3.055	1.551
2801	37.556	502.592	667.894	0.330	1.543	2.673	0.515	2.451	1.646	0.634	3.020	1.400
2802	20.676	467.798	639.834	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2803	34.336	488.341	617.325	0.361	1.566	3.048	0.538	2.476	1.893	0.646	3.040	1.536
2804	29.647	439.930	620.917	0.479	1.596	3.944	0.559	2.502	2.134	0.697	3.057	1.948
2805	38.316	449.512	699.527	0.331	1.539	2.722	0.515	2.447	1.679	0.634	3.022	1.409
2806	28.013	461.069	597.419	0.665	1.594	4.714	0.655	2.487	2.687	0.741	3.050	2.196
2807	38.381	498.635	643.753	0.331	1.533	2.752	0.515	2.445	1.685	0.634	3.027	1.390
2808	49.996	469.647	645.292	0.307	1.444	2.631	0.500	2.390	1.559	0.622	2.973	1.316
2809	31.335	508.985	633.561	0.356	1.613	2.864	0.533	2.495	1.823	0.646	3.062	1.502
2810	52.067	476.860	674.972	0.305	1.426	2.625	0.500	2.391	1.510	0.619	2.966	1.281
2811	38.077	463.401	696.088	0.415	1.499	3.435	0.521	2.445	1.730	0.635	3.023	1.396
2812	30.607	489.272	707.711	0.377	1.612	3.024	0.532	2.509	1.752	0.689	3.050	1.814

2813	39.326	451.437	669.973	0.332	1.530	2.730	0.516	2.444	1.675	0.634	3.013	1.416
2814	35.280	466.721	660.439	0.339	1.576	2.721	0.520	2.469	1.698	0.640	3.034	1.462
2815	32.628	454.816	673.765	0.376	1.584	3.131	0.527	2.494	1.757	0.646	3.054	1.513
2816	43.372	476.124	712.478	0.318	1.489	2.615	0.509	2.431	1.555	0.628	2.997	1.337
2817	31.567	483.287	635.289	0.355	1.621	2.818	0.532	2.500	1.797	0.648	3.055	1.539
2818	34.237	461.548	686.605	0.344	1.585	2.763	0.524	2.476	1.735	0.643	3.054	1.449
2819	55.703	493.374	642.077	0.300	1.404	2.609	0.496	2.375	1.492	0.618	2.959	1.260
2820	33.662	483.228	670.607	0.364	1.572	3.008	0.538	2.476	1.876	0.649	3.047	1.528
2821	36.985	477.495	703.603	0.334	1.551	2.664	0.517	2.455	1.649	0.636	3.023	1.412
2822	47.166	410.815	622.965	0.314	1.472	2.785	0.505	2.408	1.667	0.626	2.989	1.381
2823	28.141	441.956	601.009	0.773	1.579	5.106	0.659	2.481	2.739	0.657	3.091	1.657
2824	36.582	506.940	663.723	0.334	1.550	2.725	0.518	2.457	1.684	0.635	3.024	1.408
2825	35.234	494.693	655.063	0.339	1.571	2.703	0.520	2.467	1.689	0.640	3.039	1.444
2826	32.822	491.857	649.390	0.348	1.602	2.757	0.525	2.485	1.744	0.645	3.050	1.496
2827	35.349	459.098	671.552	0.340	1.574	2.744	0.521	2.469	1.714	0.640	3.038	1.458
2828	30.821	467.749	675.839	0.477	1.577	3.799	0.532	2.510	1.790	0.685	3.047	1.829
2829	29.657	444.455	657.012	0.495	1.593	3.966	0.542	2.530	1.890	0.654	3.078	1.599
2830	38.868	477.303	646.552	0.331	1.533	2.726	0.515	2.442	1.676	0.633	3.014	1.410
2831	39.071	491.202	692.508	0.326	1.527	2.628	0.512	2.441	1.606	0.633	3.017	1.373
2832	29.354	474.179	640.507	0.457	1.594	3.764	0.000	0.000	0.000	0.000	0.000	0.000
2833	45.498	465.127	684.284	0.317	1.474	2.681	0.000	0.000	0.000	0.000	0.000	0.000
2834	36.504	462.017	657.803	0.338	1.563	2.737	0.000	0.000	0.000	0.000	0.000	0.000
2835	34.001	461.601	627.573	0.344	1.597	2.762	0.000	0.000	0.000	0.000	0.000	0.000
2836	29.197	524.533	703.783	0.445	1.594	3.547	0.000	0.000	0.000	0.000	0.000	0.000
2837	37.892	447.388	685.837	0.338	1.543	2.767	0.000	0.000	0.000	0.000	0.000	0.000
2838	48.022	475.892	634.645	0.311	1.460	2.633	0.000	0.000	0.000	0.000	0.000	0.000
2839	47.288	475.059	632.020	0.313	1.462	2.681	0.000	0.000	0.000	0.000	0.000	0.000
2840	47.461	472.766	630.529	0.313	1.461	2.687	0.000	0.000	0.000	0.000	0.000	0.000
2841	30.999	468.149	704.761	0.358	1.625	2.833	0.000	0.000	0.000	0.000	0.000	0.000
2842	52.175	480.819	639.396	0.306	1.427	2.636	0.000	0.000	0.000	0.000	0.000	0.000
2843	35.689	454.362	674.208	0.346	1.562	2.861	0.000	0.000	0.000	0.000	0.000	0.000
2844	32.411	496.308	671.863	0.348	1.605	2.728	0.000	0.000	0.000	0.000	0.000	0.000
2845	35.518	465.007	670.313	0.341	1.570	2.739	0.000	0.000	0.000	0.000	0.000	0.000
2846	35.506	498.262	623.927	0.338	1.571	2.721	0.000	0.000	0.000	0.000	0.000	0.000
2847	32.938	480.098	661.061	0.346	1.602	2.754	0.000	0.000	0.000	0.000	0.000	0.000
2848	27.605	476.970	673.248	0.582	1.609	4.287	0.000	0.000	0.000	0.000	0.000	0.000
2849	28.047	488.223	637.070	0.570	1.600	4.250	0.000	0.000	0.000	0.000	0.000	0.000
2850	55.078	470.431	676.709	0.301	1.409	2.636	0.000	0.000	0.000	0.000	0.000	0.000
2851	29.845	448.265	712.213	0.383	1.627	3.120	0.000	0.000	0.000	0.000	0.000	0.000
2852	27.944	483.331	697.568	0.657	1.594	4.457	0.000	0.000	0.000	0.000	0.000	0.000
2853	31.808	459.024	669.827	0.360	1.617	2.890	0.000	0.000	0.000	0.000	0.000	0.000
2854	49.176	437.665	632.522	0.311	1.455	2.706	0.000	0.000	0.000	0.000	0.000	0.000
2855	44.323	509.490	681.703	0.317	1.476	2.642	0.000	0.000	0.000	0.000	0.000	0.000
2856	25.220	483.727	644.011	0.711	1.628	4.870	0.663	2.514	2.730	0.942	3.064	2.814

2857	50.281	481.066	704.801	0.309	1.435	2.640	0.501	2.386	1.556	0.621	2.972	1.280
2858	53.252	426.163	693.717	0.308	1.422	2.723	0.500	2.378	1.586	0.621	2.969	1.298
2859	24.025	480.218	656.789	1.137	1.627	5.919	0.901	2.524	3.402	0.833	3.077	2.557
2860	39.072	489.729	639.901	0.337	1.522	2.833	0.520	2.446	1.715	0.634	3.022	1.388
2861	59.252	479.508	665.456	0.294	1.386	2.595	0.492	2.354	1.495	0.615	2.947	1.251
2862	21.276	472.875	647.835	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2863	35.066	478.136	663.765	0.410	1.531	3.425	0.521	2.469	1.703	0.642	3.049	1.438
2864	40.957	498.609	641.428	0.324	1.514	2.657	0.511	2.434	1.616	0.632	3.011	1.375
2865	37.165	501.761	681.868	0.332	1.548	2.648	0.515	2.453	1.634	0.636	3.029	1.395
2866	42.837	489.892	620.230	0.322	1.501	2.664	0.509	2.424	1.608	0.630	3.000	1.376
2867	47.068	481.811	659.765	0.312	1.462	2.637	0.504	2.411	1.551	0.624	2.985	1.317
2868	55.825	469.760	655.089	0.301	1.404	2.658	0.498	2.377	1.518	0.617	2.956	1.276
2869	32.673	548.429	675.542	0.364	1.575	2.943	0.539	2.482	1.830	0.646	3.039	1.507
2870	30.996	489.293	708.086	0.358	1.624	2.787	0.533	2.502	1.782	0.649	3.060	1.514
2871	41.079	474.223	740.879	0.326	1.507	2.641	0.514	2.444	1.576	0.632	3.014	1.343
2872	37.400	469.411	649.413	0.336	1.553	2.706	0.517	2.455	1.670	0.638	3.022	1.446
2873	41.069	462.486	603.963	0.326	1.521	2.723	0.511	2.435	1.661	0.633	3.016	1.405
2874	43.578	485.926	674.888	0.316	1.488	2.629	0.508	2.429	1.573	0.627	2.995	1.339
2875	34.231	479.725	709.181	0.342	1.583	2.683	0.522	2.477	1.683	0.642	3.044	1.441
2876	35.561	480.437	676.266	0.340	1.569	2.703	0.521	2.468	1.683	0.640	3.034	1.443
2877	51.524	471.464	662.826	0.305	1.432	2.611	0.499	2.385	1.528	0.621	2.968	1.296
2878	50.349	486.467	625.114	0.310	1.435	2.700	0.503	2.391	1.587	0.621	2.972	1.304
2879	31.154	491.108	669.321	0.359	1.614	2.886	0.633	2.458	2.451	0.646	3.060	1.501
2880	31.057	488.280	671.662	0.357	1.622	2.829	0.533	2.503	1.793	0.648	3.059	1.521
2881	42.469	461.902	668.181	0.324	1.500	2.695	0.510	2.423	1.627	0.630	3.002	1.372
2882	37.488	490.564	632.050	0.333	1.550	2.701	0.516	2.454	1.671	0.637	3.026	1.424
2883	41.984	467.716	657.129	0.322	1.507	2.668	0.509	2.427	1.616	0.630	3.004	1.372
2884	31.464	499.639	669.141	0.350	1.619	2.735	0.528	2.500	1.744	0.646	3.055	1.503
2885	35.793	500.778	640.394	0.339	1.563	2.735	0.520	2.461	1.708	0.639	3.035	1.440
2886	52.828	487.250	679.352	0.302	1.422	2.575	0.497	2.376	1.501	0.620	2.971	1.260
2887	30.899	458.376	673.330	0.376	1.617	3.072	0.549	2.513	1.937	0.654	3.059	1.605
2888	32.991	475.338	708.404	0.349	1.599	2.751	0.526	2.484	1.741	0.646	3.061	1.459
2889	31.076	509.049	652.261	0.468	1.564	3.731	0.531	2.498	1.775	0.648	3.057	1.523
2890	29.202	445.544	672.013	0.478	1.601	3.870	0.607	2.487	2.398	0.706	3.065	1.948
2891	39.140	473.388	622.454	0.332	1.533	2.759	0.515	2.443	1.695	0.636	3.026	1.410
2892	49.642	485.490	657.686	0.306	1.446	2.587	0.500	2.390	1.544	0.621	2.972	1.302
2893	41.293	442.693	609.616	0.330	1.515	2.827	0.515	2.433	1.722	0.633	3.020	1.402
2894	33.615	481.087	669.996	0.345	1.592	2.732	0.524	2.479	1.730	0.645	3.057	1.460
2895	25.432	470.920	653.574	0.940	1.612	5.460	0.000	0.000	0.000	0.000	0.000	0.000
2896	46.529	461.128	652.256	0.318	1.464	2.764	0.000	0.000	0.000	0.000	0.000	0.000
2897	36.631	462.552	658.934	0.338	1.559	2.756	0.519	2.458	1.716	0.637	3.028	1.439
2898	33.592	458.429	606.988	0.347	1.605	2.804	0.526	2.489	1.776	0.644	3.045	1.529
2899	33.966	478.389	662.056	0.342	1.587	2.756	0.584	2.451	2.197	0.641	3.044	1.470
2900	31.803	483.882	685.152	0.463	1.561	3.687	0.529	2.497	1.752	0.646	3.055	1.503

2901	39.806	471.707	666.418	0.328	1.524	2.686	0.513	2.438	1.647	0.633	3.013	1.396
2902	30.968	456.468	723.409	0.470	1.574	3.725	0.545	2.489	1.946	0.680	3.049	1.774
2903	40.958	489.199	701.580	0.326	1.509	2.631	0.512	2.435	1.593	0.631	3.006	1.360
2904	31.591	465.346	651.638	0.354	1.626	2.791	0.531	2.501	1.786	0.649	3.060	1.542
2905	43.803	473.032	658.000	0.319	1.489	2.672	0.507	2.419	1.606	0.628	2.996	1.358
2906	29.012	470.147	656.694	0.532	1.593	4.102	0.610	2.494	2.393	0.693	3.058	1.900
2907	34.000	475.180	682.338	0.347	1.582	2.792	0.525	2.474	1.748	0.641	3.041	1.463
2908	31.890	500.683	654.821	0.351	1.611	2.759	0.528	2.495	1.751	0.646	3.051	1.508
2909	30.563	478.048	615.752	0.360	1.636	2.893	0.534	2.504	1.862	0.650	3.063	1.578
2910	29.634	503.778	663.642	0.382	1.618	3.130	0.535	2.513	1.823	0.693	3.048	1.872
2911	46.924	447.973	606.344	0.317	1.470	2.752	0.506	2.404	1.649	0.626	2.986	1.375
2912	39.166	441.256	676.408	0.329	1.535	2.728	0.514	2.447	1.676	0.634	3.023	1.401
2913	42.360	503.192	689.652	0.319	1.498	2.580	0.509	2.434	1.551	0.628	2.997	1.341
2914	42.123	478.404	672.089	0.322	1.504	2.633	0.509	2.429	1.590	0.631	3.005	1.365
2915	45.401	484.846	628.098	0.315	1.478	2.640	0.505	2.411	1.588	0.626	2.990	1.349
2916	35.172	477.399	655.943	0.340	1.575	2.737	0.521	2.471	1.714	0.640	3.038	1.451
2917	38.611	468.416	610.852	0.332	1.544	2.741	0.516	2.452	1.684	0.635	3.018	1.440
2918	35.655	422.428	716.762	0.338	1.576	2.739	0.520	2.472	1.710	0.641	3.048	1.444
2919	44.659	467.014	661.848	0.318	1.483	2.651	0.506	2.415	1.583	0.627	2.989	1.352
2920	27.897	495.247	711.519	0.549	1.604	4.060	0.653	2.494	2.522	0.712	3.074	1.932
2921	45.791	455.612	626.438	0.320	1.473	2.744	0.508	2.407	1.642	0.626	2.985	1.368
2922	31.066	509.445	676.823	0.380	1.593	3.123	0.529	2.501	1.752	0.646	3.061	1.495
2923	34.139	465.196	648.523	0.348	1.587	2.812	0.526	2.479	1.765	0.643	3.040	1.496
2924	33.850	431.737	651.109	0.347	1.599	2.808	0.525	2.483	1.778	0.643	3.045	1.514
2925	33.165	440.587	676.596	0.349	1.609	2.781	0.527	2.491	1.769	0.647	3.061	1.497
2926	33.984	462.416	627.549	0.346	1.596	2.789	0.525	2.481	1.764	0.644	3.046	1.504
2927	49.029	469.960	684.142	0.308	1.448	2.622	0.501	2.395	1.554	0.622	2.977	1.306
2928	32.886	492.740	619.069	0.353	1.597	2.866	0.529	2.481	1.818	0.644	3.047	1.503
2929	31.237	499.171	690.597	0.358	1.611	2.852	0.529	2.500	1.752	0.646	3.060	1.494
2930	37.387	467.080	685.079	0.336	1.549	2.711	0.518	2.454	1.681	0.637	3.026	1.424
2931	37.362	468.759	669.350	0.334	1.551	2.693	0.517	2.457	1.660	0.637	3.026	1.425
2932	36.808	460.637	637.287	0.336	1.561	2.737	0.518	2.462	1.697	0.638	3.030	1.454
2933	26.767	480.889	721.954	0.964	1.593	5.223	0.682	2.512	2.639	0.761	3.054	2.215
2934	34.334	486.176	646.509	0.352	1.574	2.867	0.529	2.471	1.793	0.642	3.039	1.475
2935	44.171	509.466	678.077	0.316	1.480	2.607	0.505	2.414	1.554	0.626	2.989	1.326
2936	31.633	478.236	662.621	0.355	1.618	2.803	0.532	2.499	1.791	0.648	3.058	1.516
2937	48.183	490.098	739.007	0.309	1.449	2.557	0.501	2.395	1.514	0.623	2.982	1.266
2938	35.063	470.270	679.112	0.341	1.576	2.717	0.521	2.469	1.703	0.641	3.038	1.455
2939	50.184	479.820	664.918	0.307	1.442	2.591	0.500	2.389	1.532	0.621	2.970	1.300
2940	31.719	465.034	688.945	0.361	1.613	2.898	0.536	2.494	1.850	0.647	3.058	1.508
2941	27.243	487.932	641.830	0.623	1.609	4.452	0.614	2.513	2.423	0.740	3.061	2.141
2942	39.484	484.688	677.679	0.331	1.521	2.732	0.515	2.436	1.670	0.632	3.015	1.377
2943	49.290	491.736	626.268	0.311	1.445	2.661	0.501	2.392	1.557	0.623	2.976	1.309
2944	32.832	472.305	615.233	0.352	1.604	2.876	0.529	2.484	1.835	0.645	3.055	1.511

2945	44.529	479.252	626.046	0.316	1.483	2.686	0.506	2.417	1.607	0.627	2.992	1.360
2946	45.588	478.177	670.882	0.314	1.475	2.631	0.000	0.000	0.000	0.000	0.000	0.000
2947	31.161	460.929	627.407	0.358	1.633	2.865	0.533	2.504	1.841	0.650	3.064	1.559
2948	36.315	445.393	707.793	0.338	1.563	2.739	0.000	0.000	0.000	0.000	0.000	0.000
2949	53.505	463.218	650.243	0.303	1.424	2.604	0.000	0.000	0.000	0.000	0.000	0.000
2950	24.525	478.444	689.028	1.253	1.620	5.988	0.940	2.503	3.492	0.963	3.067	2.858
2951	33.652	458.290	667.442	0.357	1.582	2.929	0.532	2.476	1.839	0.644	3.046	1.497
2952	31.192	428.487	672.948	0.359	1.638	2.867	0.534	2.513	1.834	0.650	3.063	1.572
2953	37.567	478.488	647.382	0.333	1.549	2.715	0.517	2.456	1.677	0.636	3.023	1.426
2954	39.514	520.170	670.589	0.325	1.521	2.620	0.511	2.440	1.594	0.632	3.013	1.365
2955	43.035	516.402	617.232	0.320	1.494	2.639	0.508	2.421	1.588	0.628	2.994	1.362
2956	41.143	444.121	653.824	0.326	1.516	2.723	0.514	2.447	1.638	0.631	3.005	1.404
2957	36.942	497.617	647.718	0.430	1.507	3.539	0.517	2.460	1.659	0.637	3.027	1.423
2958	46.953	494.624	702.838	0.311	1.460	2.574	0.503	2.403	1.524	0.625	2.992	1.284
2959	41.669	456.377	655.814	0.327	1.509	2.721	0.513	2.430	1.654	0.632	3.008	1.381
2960	56.155	478.074	661.740	0.302	1.403	2.671	0.498	2.377	1.517	0.617	2.958	1.267
2961	32.281	436.084	595.094	0.377	1.594	3.247	0.548	2.482	2.056	0.658	3.052	1.676
2962	28.346	473.293	687.229	0.640	1.590	4.437	0.612	2.497	2.395	0.757	3.057	2.167
2963	31.320	464.013	611.261	0.360	1.627	2.918	0.535	2.498	1.880	0.650	3.064	1.566
2964	37.160	521.545	641.382	0.333	1.545	2.711	0.517	2.462	1.653	0.634	3.021	1.411
2965	32.756	419.009	636.925	0.352	1.620	2.849	0.529	2.497	1.815	0.648	3.057	1.556
2966	31.156	505.238	681.683	0.372	1.598	3.041	0.528	2.500	1.746	0.656	3.049	1.610
2967	41.084	476.148	678.419	0.326	1.510	2.671	0.512	2.431	1.626	0.631	3.003	1.376
2968	23.565	506.547	603.305	1.075	1.632	5.801	0.942	2.528	3.509	0.963	3.079	2.905
2969	26.185	475.760	637.790	0.919	1.600	5.352	0.634	2.515	2.566	0.755	3.071	2.227
2970	45.205	450.195	636.955	0.320	1.476	2.782	0.508	2.408	1.665	0.626	2.989	1.367
2971	37.328	461.777	648.211	0.333	1.555	2.708	0.516	2.455	1.681	0.637	3.027	1.439
2972	26.119	487.050	642.535	0.787	1.606	5.016	0.667	2.503	2.711	0.935	3.050	2.772
2973	40.849	502.326	676.817	0.327	1.506	2.709	0.512	2.427	1.647	0.630	3.007	1.355
2974	38.941	472.259	654.742	0.330	1.534	2.687	0.515	2.447	1.645	0.634	3.013	1.413
2975	40.348	524.601	657.891	0.323	1.516	2.607	0.511	2.436	1.590	0.631	3.008	1.364
2976	31.418	454.303	625.019	0.356	1.632	2.846	0.532	2.505	1.831	0.650	3.062	1.566
2977	30.951	441.304	695.468	0.357	1.635	2.837	0.532	2.503	1.830	0.649	3.069	1.539
2978	33.069	442.846	681.408	0.443	1.556	3.636	0.529	2.492	1.784	0.646	3.052	1.512
2979	34.111	450.379	677.473	0.345	1.591	2.755	0.524	2.480	1.738	0.643	3.044	1.486
2980	29.918	478.423	683.712	0.479	1.587	3.796	0.535	2.515	1.810	0.657	3.064	1.614
2981	36.636	413.226	672.965	0.342	1.563	2.823	0.522	2.462	1.758	0.639	3.029	1.474
2982	29.348	481.122	625.005	0.361	1.660	2.843	0.535	2.525	1.834	0.695	3.056	1.907
2983	33.687	498.040	700.726	0.345	1.584	2.744	0.524	2.475	1.726	0.641	3.047	1.439
2984	28.607	490.977	689.661	0.547	1.596	4.079	0.623	2.500	2.398	0.699	3.068	1.885
2985	41.124	466.291	678.630	0.328	1.509	2.714	0.513	2.431	1.647	0.632	3.011	1.375
2986	34.558	513.586	616.977	0.341	1.581	2.716	0.521	2.472	1.703	0.642	3.044	1.460
2987	32.687	425.200	638.122	0.352	1.619	2.850	0.529	2.495	1.822	0.647	3.056	1.549
2988	53.339	480.415	618.366	0.302	1.420	2.668	0.498	2.379	1.550	0.619	2.968	1.288

2989	33.997	477.838	656.800	0.356	1.572	2.960	0.623	2.447	2.362	0.644	3.043	1.498
2990	36.871	506.848	652.940	0.333	1.550	2.684	0.516	2.455	1.655	0.636	3.025	1.416
2991	30.335	446.686	743.002	0.542	1.574	4.037	0.535	2.519	1.782	0.673	3.063	1.717
2992	47.044	491.668	688.992	0.313	1.459	2.589	0.505	2.407	1.530	0.624	2.979	1.308
2993	31.131	488.293	656.403	0.359	1.621	2.856	0.534	2.498	1.832	0.648	3.061	1.524
2994	37.410	429.923	649.618	0.338	1.557	2.794	0.519	2.458	1.730	0.638	3.028	1.460
2995	42.869	479.140	688.504	0.318	1.495	2.623	0.510	2.436	1.568	0.628	2.998	1.349
2996	46.341	454.178	644.692	0.315	1.474	2.660	0.505	2.407	1.591	0.627	2.992	1.345
2997	36.539	470.465	664.455	0.336	1.558	2.728	0.518	2.458	1.696	0.637	3.028	1.431
2998	29.424	443.716	628.701	0.492	1.595	3.997	0.612	2.491	2.436	0.656	3.084	1.614
2999	40.873	446.171	686.893	0.326	1.514	2.728	0.512	2.435	1.654	0.632	3.014	1.377
3000	44.895	465.114	672.870	0.316	1.483	2.624	0.506	2.412	1.584	0.626	2.988	1.349
3001	34.454	463.988	688.261	0.344	1.583	2.745	0.524	2.477	1.723	0.641	3.039	1.463
3002	26.972	450.434	624.733	1.101	1.589	5.730	0.711	2.496	2.884	0.759	3.061	2.265
3003	40.244	445.007	674.752	0.329	1.519	2.767	0.516	2.450	1.669	0.632	3.013	1.396
3004	37.366	512.201	629.467	0.333	1.546	2.702	0.516	2.455	1.657	0.636	3.024	1.417
3005	35.878	472.901	651.383	0.338	1.568	2.726	0.520	2.466	1.699	0.641	3.047	1.431
3006	28.595	482.838	641.395	0.669	1.583	4.551	0.591	2.498	2.297	0.724	3.050	2.064
3007	22.091	436.952	628.770	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3008	35.751	490.773	653.385	0.348	1.552	2.912	0.527	2.459	1.799	0.640	3.037	1.448
3009	35.483	483.804	652.204	0.339	1.571	2.716	0.520	2.469	1.697	0.642	3.049	1.431
3010	30.315	468.170	631.313	0.359	1.646	2.849	0.533	2.511	1.837	0.651	3.069	1.579
3011	39.344	474.084	655.715	0.329	1.528	2.725	0.516	2.443	1.692	0.634	3.022	1.392
3012	30.939	464.271	666.568	0.464	1.575	3.753	0.532	2.510	1.786	0.706	3.041	1.940
3013	46.538	489.571	697.049	0.312	1.463	2.595	0.503	2.403	1.546	0.624	2.982	1.307
3014	44.079	514.326	711.234	0.318	1.479	2.585	0.507	2.413	1.548	0.627	2.993	1.310
3015	31.189	440.268	647.498	0.484	1.572	3.900	0.536	2.505	1.859	0.652	3.063	1.580
3016	37.671	504.468	630.075	0.333	1.545	2.723	0.516	2.451	1.676	0.635	3.020	1.419
3017	35.764	489.091	665.361	0.337	1.567	2.692	0.519	2.463	1.682	0.638	3.032	1.435
3018	34.794	456.721	655.849	0.342	1.583	2.743	0.523	2.475	1.727	0.641	3.038	1.479
3019	33.249	499.922	612.749	0.345	1.600	2.758	0.525	2.485	1.750	0.645	3.059	1.482
3020	32.432	490.649	631.394	0.349	1.608	2.800	0.527	2.491	1.771	0.644	3.051	1.508
3021	37.028	502.233	619.976	0.335	1.552	2.730	0.517	2.455	1.691	0.637	3.027	1.433
3022	31.819	463.037	643.336	0.352	1.624	2.797	0.529	2.500	1.795	0.647	3.059	1.535
3023	29.007	552.718	659.469	0.386	1.617	3.122	0.579	2.490	2.159	0.666	3.075	1.639
3024	36.992	454.775	672.724	0.340	1.552	2.779	0.520	2.454	1.721	0.638	3.029	1.434
3025	38.239	502.055	694.092	0.329	1.536	2.624	0.514	2.450	1.608	0.635	3.026	1.368
3026	43.097	460.906	660.211	0.321	1.499	2.653	0.509	2.424	1.601	0.630	2.999	1.372
3027	39.383	469.900	646.136	0.329	1.531	2.710	0.513	2.444	1.644	0.633	3.013	1.410
3028	33.377	462.769	610.445	0.347	1.609	2.792	0.526	2.493	1.764	0.645	3.050	1.529
3029	38.044	437.739	717.447	0.332	1.546	2.716	0.517	2.463	1.657	0.635	3.024	1.417
3030	37.397	474.264	645.157	0.334	1.553	2.690	0.517	2.455	1.667	0.638	3.028	1.434
3031	40.410	482.534	614.483	0.326	1.523	2.693	0.512	2.440	1.647	0.633	3.017	1.397
3032	25.986	461.502	644.792	1.189	1.601	5.917	0.878	2.500	3.324	0.786	3.074	2.357

3033	46.391	448.502	707.832	0.316	1.464	2.709	0.507	2.408	1.608	0.624	2.983	1.330
3034	38.120	466.315	652.845	0.334	1.542	2.730	0.517	2.449	1.683	0.637	3.028	1.409
3035	34.055	446.506	659.515	0.344	1.594	2.763	0.524	2.485	1.733	0.644	3.053	1.480
3036	38.852	481.762	667.606	0.329	1.533	2.673	0.514	2.446	1.637	0.634	3.017	1.397
3037	41.437	492.208	651.135	0.323	1.509	2.653	0.513	2.448	1.582	0.631	3.005	1.371
3038	37.578	458.472	658.919	0.333	1.551	2.708	0.516	2.453	1.681	0.636	3.022	1.436
3039	27.413	430.926	655.883	0.582	1.613	4.443	0.666	2.503	2.703	0.750	3.064	2.219
3040	32.942	465.621	693.100	0.358	1.593	2.909	0.529	2.486	1.790	0.644	3.057	1.470
3041	34.282	442.507	668.671	0.346	1.588	2.787	0.525	2.484	1.738	0.643	3.040	1.497
3042	30.464	471.367	663.035	0.506	1.575	3.944	0.581	2.478	2.227	0.650	3.064	1.552
3043	29.806	500.094	688.613	0.466	1.585	3.695	0.537	2.524	1.793	0.650	3.071	1.524
3044	44.544	521.340	613.718	0.320	1.479	2.678	0.508	2.412	1.608	0.627	2.992	1.348
3045	28.820	488.105	663.790	0.484	1.599	3.849	0.538	2.524	1.851	0.727	3.050	2.052
3046	44.226	492.540	697.208	0.318	1.479	2.637	0.507	2.413	1.577	0.627	2.992	1.327
3047	44.841	464.557	647.990	0.318	1.483	2.663	0.507	2.416	1.587	0.628	2.997	1.347
3048	27.915	488.666	661.987	0.606	1.599	4.341	0.585	2.502	2.264	0.743	3.055	2.134
3049	38.739	460.896	696.174	0.334	1.531	2.745	0.516	2.443	1.677	0.635	3.023	1.390
3050	36.042	452.206	677.566	0.338	1.568	2.706	0.520	2.466	1.688	0.641	3.043	1.433
3051	33.430	471.820	580.844	0.348	1.608	2.809	0.526	2.487	1.788	0.645	3.049	1.538
3052	48.902	479.352	704.687	0.307	1.446	2.619	0.500	2.393	1.545	0.622	2.981	1.284
3053	51.153	495.352	706.395	0.308	1.428	2.592	0.500	2.382	1.514	0.620	2.966	1.263
3054	27.285	477.604	647.603	0.700	1.604	4.698	0.679	2.489	2.738	0.753	3.063	2.196
3055	40.102	479.925	686.198	0.329	1.515	2.714	0.513	2.433	1.655	0.631	3.011	1.370
3056	38.721	453.400	679.551	0.349	1.518	2.957	0.515	2.450	1.645	0.635	3.018	1.414
3057	24.220	459.038	712.203	1.506	1.620	6.444	0.887	2.527	3.310	0.967	3.071	2.894
3058	28.123	439.856	635.654	0.565	1.606	4.370	0.559	2.525	2.117	0.699	3.067	1.974
3059	19.821	411.648	641.317	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3060	40.577	510.825	672.398	0.337	1.499	2.864	0.518	2.424	1.729	0.632	3.003	1.395
3061	25.512	454.594	680.669	0.970	1.610	5.503	0.905	2.501	3.375	0.925	3.067	2.742
3062	37.961	510.064	650.058	0.338	1.532	2.788	0.519	2.450	1.697	0.634	3.017	1.402
3063	30.153	472.869	678.951	0.451	1.589	3.666	0.610	2.481	2.357	0.658	3.066	1.622
3064	28.310	472.102	637.919	0.672	1.588	4.616	0.614	2.504	2.419	0.657	3.087	1.620
3065	37.064	473.704	641.076	0.337	1.552	2.780	0.519	2.454	1.726	0.637	3.028	1.435
3066	39.603	464.230	618.763	0.328	1.533	2.724	0.514	2.446	1.665	0.634	3.016	1.425
3067	43.460	487.371	632.381	0.324	1.484	2.790	0.508	2.425	1.605	0.628	3.003	1.352
3068	32.118	458.198	662.097	0.351	1.617	2.796	0.528	2.496	1.779	0.646	3.055	1.517
3069	28.545	423.310	670.854	0.636	1.592	4.575	0.606	2.502	2.418	0.737	3.058	2.139
3070	46.960	563.126	663.135	0.314	1.449	2.621	0.503	2.402	1.511	0.622	2.978	1.274
3071	31.942	443.312	667.036	0.360	1.615	2.908	0.535	2.497	1.851	0.648	3.055	1.540
3072	36.600	473.808	682.891	0.335	1.556	2.699	0.518	2.461	1.672	0.638	3.035	1.412
3073	36.025	491.950	608.045	0.338	1.569	2.725	0.519	2.464	1.704	0.641	3.042	1.451
3074	36.660	475.429	711.462	0.333	1.554	2.671	0.517	2.460	1.647	0.636	3.028	1.409
3075	45.878	427.899	641.375	0.318	1.482	2.711	0.507	2.410	1.638	0.628	2.992	1.375
3076	34.086	487.264	705.697	0.342	1.582	2.713	0.523	2.476	1.703	0.640	3.041	1.438

3077	30.638	470.086	668.741	0.359	1.633	2.829	0.534	2.509	1.805	0.651	3.065	1.553
3078	33.231	481.266	707.749	0.348	1.594	2.753	0.526	2.482	1.736	0.644	3.050	1.464
3079	34.395	438.675	680.462	0.346	1.587	2.776	0.525	2.476	1.748	0.643	3.039	1.495
3080	32.148	458.781	678.905	0.352	1.620	2.782	0.530	2.502	1.769	0.647	3.057	1.517
3081	40.776	482.640	658.311	0.325	1.514	2.671	0.512	2.435	1.625	0.632	3.012	1.374
3082	31.347	472.575	715.467	0.352	1.623	2.740	0.530	2.505	1.746	0.648	3.062	1.503
3083	43.024	499.458	638.970	0.322	1.494	2.659	0.508	2.419	1.604	0.629	2.998	1.363
3084	29.921	463.318	671.769	0.376	1.635	3.053	0.587	2.486	2.263	0.653	3.075	1.569
3085	44.674	474.904	644.199	0.316	1.483	2.659	0.506	2.416	1.593	0.626	2.989	1.355
3086	35.694	438.121	564.791	0.344	1.587	2.870	0.524	2.476	1.803	0.643	3.045	1.518
3087	40.395	476.450	652.710	0.322	1.519	2.690	0.512	2.446	1.636	0.630	3.006	1.392
3088	29.868	479.649	663.316	0.413	1.596	3.436	0.611	2.478	2.372	0.651	3.068	1.556
3089	24.100	442.566	670.433	1.823	1.609	7.275	0.900	2.535	3.416	0.986	3.079	2.997
3090	36.427	500.043	687.233	0.342	1.547	2.799	0.523	2.458	1.722	0.636	3.030	1.403
3091	30.986	485.602	664.251	0.432	1.577	3.535	0.532	2.505	1.782	0.650	3.067	1.526
3092	30.809	464.689	658.493	0.373	1.614	3.072	0.534	2.501	1.840	0.649	3.062	1.552
3093	41.288	497.096	648.238	0.324	1.508	2.679	0.513	2.441	1.611	0.630	3.002	1.374
3094	41.529	444.810	610.996	0.326	1.519	2.742	0.512	2.437	1.666	0.632	3.005	1.422
3095	47.373	467.628	683.541	0.309	1.460	2.612	0.503	2.409	1.550	0.623	2.983	1.311
3096	29.720	458.489	632.942	0.527	1.584	4.112	0.542	2.526	1.902	0.710	3.052	1.990
3097	43.997	459.828	655.430	0.319	1.488	2.709	0.509	2.425	1.613	0.629	3.004	1.350
3098	41.238	398.898	650.036	0.327	1.524	2.769	0.513	2.439	1.695	0.633	3.010	1.437
3099	35.920	484.791	618.636	0.337	1.569	2.739	0.518	2.464	1.705	0.639	3.034	1.458
3100	37.504	452.011	671.067	0.333	1.551	2.711	0.516	2.454	1.676	0.636	3.027	1.427
3101	30.251	478.278	675.538	0.358	1.645	2.785	0.534	2.519	1.784	0.693	3.060	1.843
3102	34.899	469.999	629.266	0.344	1.579	2.802	0.524	2.471	1.756	0.642	3.040	1.481
3103	33.246	448.509	633.836	0.348	1.607	2.813	0.526	2.488	1.784	0.645	3.050	1.527
3104	36.051	487.136	699.094	0.335	1.562	2.677	0.518	2.465	1.661	0.637	3.029	1.417
3105	33.909	482.573	709.610	0.345	1.588	2.703	0.524	2.482	1.692	0.642	3.041	1.461
3106	37.653	466.131	610.221	0.336	1.556	2.746	0.519	2.457	1.706	0.638	3.023	1.462
3107	34.640	460.902	658.634	0.340	1.585	2.735	0.521	2.475	1.718	0.640	3.039	1.473
3108	34.827	476.300	663.407	0.340	1.579	2.726	0.521	2.471	1.711	0.640	3.036	1.462
3109	34.564	453.583	644.137	0.343	1.587	2.767	0.524	2.482	1.736	0.642	3.041	1.493
3110	29.791	430.075	679.957	0.467	1.596	3.822	0.538	2.528	1.855	0.695	3.062	1.896
3111	35.771	486.626	649.558	0.340	1.565	2.754	0.521	2.465	1.710	0.639	3.031	1.448
3112	32.393	481.424	663.364	0.348	1.609	2.745	0.526	2.490	1.749	0.646	3.054	1.500
3113	38.156	471.744	642.129	0.361	1.516	3.105	0.516	2.449	1.676	0.636	3.023	1.422
3114	39.064	526.762	636.861	0.326	1.528	2.631	0.512	2.443	1.613	0.633	3.018	1.378
3115	32.030	434.133	681.861	0.355	1.623	2.825	0.530	2.498	1.805	0.649	3.066	1.531
3116	26.492	496.099	641.898	0.785	1.602	4.943	0.616	2.517	2.441	0.767	3.060	2.264
3117	26.787	462.126	656.234	0.700	1.606	4.783	0.630	2.518	2.523	0.735	3.069	2.143
3118	32.792	472.708	700.512	0.353	1.599	2.817	0.000	0.000	0.000	0.000	0.000	0.000
3119	41.149	502.568	649.735	0.324	1.510	2.647	0.512	2.437	1.606	0.632	3.011	1.362
3120	30.149	491.016	667.821	0.500	1.577	3.882	0.533	2.511	1.792	0.651	3.073	1.528

3121	39.976	504.147	681.446	0.328	1.516	2.668	0.555	2.411	1.993	0.631	3.007	1.371
3122	34.726	445.525	708.608	0.343	1.584	2.724	0.523	2.475	1.712	0.642	3.042	1.471
3123	30.727	438.444	642.912	0.361	1.643	2.878	0.535	2.512	1.846	0.652	3.067	1.591
3124	31.257	477.365	655.466	0.355	1.623	2.827	0.636	2.474	2.437	0.729	3.031	2.046
3125	29.563	541.673	633.584	0.425	1.589	3.483	0.534	2.511	1.800	0.695	3.052	1.863
3126	37.132	500.073	685.262	0.336	1.544	2.719	0.518	2.454	1.670	0.637	3.030	1.394
3127	35.118	468.520	699.663	0.341	1.574	2.699	0.522	2.472	1.687	0.640	3.037	1.446
3128	28.816	479.188	670.493	0.517	1.598	3.996	0.579	2.501	2.207	0.702	3.055	1.939
3129	44.856	479.558	651.701	0.319	1.477	2.698	0.507	2.410	1.611	0.627	2.992	1.347
3130	34.791	525.362	677.844	0.338	1.570	2.673	0.520	2.470	1.664	0.638	3.033	1.422
3131	34.670	486.534	620.351	0.344	1.583	2.766	0.524	2.476	1.734	0.642	3.037	1.488
3132	32.682	468.880	649.474	0.348	1.609	2.776	0.526	2.490	1.767	0.645	3.053	1.511
3133	32.642	469.516	660.233	0.349	1.606	2.789	0.527	2.490	1.765	0.645	3.053	1.504
3134	37.899	428.307	623.182	0.336	1.554	2.791	0.518	2.455	1.731	0.637	3.022	1.469
3135	36.258	447.914	677.414	0.335	1.567	2.710	0.518	2.465	1.693	0.638	3.033	1.446
3136	27.284	451.016	678.723	0.653	1.605	4.606	0.621	2.511	2.478	0.743	3.067	2.158
3137	34.018	502.345	671.237	0.346	1.579	2.782	0.525	2.472	1.743	0.641	3.040	1.452
3138	36.990	427.855	671.274	0.338	1.561	2.756	0.520	2.462	1.713	0.638	3.027	1.461
3139	30.809	449.593	708.733	0.384	1.608	3.152	0.598	2.493	2.249	0.649	3.067	1.531
3140	36.381	424.154	656.464	0.341	1.569	2.795	0.522	2.463	1.749	0.640	3.028	1.484
3141	35.757	469.388	668.762	0.336	1.569	2.701	0.518	2.465	1.684	0.638	3.031	1.445
3142	39.370	474.630	687.772	0.328	1.528	2.647	0.514	2.448	1.612	0.633	3.016	1.383
3143	30.890	463.469	661.916	0.444	1.579	3.647	0.532	2.509	1.796	0.650	3.061	1.555
3144	24.550	465.045	624.932	1.361	1.619	6.344	0.893	2.527	3.382	0.926	3.084	2.777
3145	36.272	503.009	630.764	0.341	1.551	2.836	0.522	2.456	1.757	0.637	3.032	1.424
3146	41.972	425.595	621.710	0.395	1.472	3.468	0.511	2.431	1.677	0.633	3.014	1.408
3147	42.154	475.236	643.861	0.319	1.506	2.656	0.509	2.428	1.626	0.629	3.003	1.370
3148	34.892	498.170	623.405	0.340	1.578	2.738	0.520	2.470	1.711	0.640	3.036	1.464
3149	42.675	467.874	676.543	0.320	1.498	2.661	0.508	2.425	1.600	0.628	2.999	1.362
3151	31.817	492.162	642.096	0.351	1.614	2.797	0.529	2.497	1.779	0.645	3.055	1.507
3152	24.593	429.085	672.550	1.748	1.596	7.202	0.721	2.514	3.022	61.142	3.049	45.411
3153	31.090	436.010	675.578	0.494	1.573	3.929	0.541	2.510	1.901	0.649	3.063	1.558
3154	29.601	474.521	634.686	0.364	1.652	2.902	0.591	2.490	2.296	0.689	3.052	1.880
3155	33.480	486.442	616.998	0.347	1.594	2.823	0.527	2.482	1.788	0.643	3.047	1.499
3156	38.378	475.294	716.289	0.329	1.534	2.656	0.514	2.448	1.627	0.634	3.022	1.379
3157	39.006	479.087	619.456	0.331	1.538	2.701	0.515	2.447	1.656	0.635	3.016	1.427
3158	29.573	501.138	669.855	0.541	1.579	4.034	0.595	2.489	2.262	0.695	3.052	1.872
3159	40.234	464.070	625.043	0.330	1.522	2.763	0.515	2.438	1.685	0.633	3.012	1.418
3160	26.711	471.907	614.193	0.775	1.601	5.036	0.699	2.493	2.855	0.749	3.070	2.213
3161	39.062	482.942	654.333	0.332	1.525	2.774	0.517	2.452	1.673	0.633	3.016	1.396
3162	44.851	476.058	650.739	0.316	1.482	2.643	0.506	2.414	1.586	0.626	2.988	1.353
3163	35.539	444.570	683.936	0.339	1.574	2.732	0.521	2.470	1.713	0.639	3.033	1.456
3164	45.516	453.955	614.831	0.317	1.483	2.700	0.508	2.422	1.609	0.628	2.997	1.369
3165	45.534	466.086	688.323	0.314	1.474	2.645	0.506	2.423	1.558	0.625	2.990	1.333

3166	36.302	443.041	652.144	0.467	1.513	3.763	0.520	2.463	1.718	0.639	3.029	1.462
3167	41.187	500.695	643.558	0.323	1.511	2.658	0.513	2.448	1.590	0.630	3.003	1.375
3168	38.411	491.435	708.928	0.329	1.533	2.628	0.514	2.448	1.609	0.634	3.021	1.375
3169	29.027	445.231	646.500	0.525	1.595	4.123	0.541	2.532	1.886	0.658	3.081	1.629
3170	33.093	458.822	686.260	0.351	1.600	2.823	0.527	2.485	1.779	0.644	3.052	1.490
3171	38.886	504.091	612.307	0.330	1.534	2.709	0.514	2.444	1.663	0.634	3.017	1.415
3172	40.505	484.392	675.411	0.353	1.492	3.017	0.511	2.437	1.602	0.632	3.009	1.376
3173	28.950	480.327	697.818	0.490	1.598	3.842	0.615	2.496	2.365	0.654	3.076	1.573
3174	45.639	485.730	670.874	0.318	1.468	2.667	0.507	2.414	1.577	0.626	2.987	1.327
3175	28.807	468.762	687.179	0.508	1.600	3.954	0.585	2.499	2.247	0.705	3.059	1.947
3176	35.706	469.448	682.677	0.341	1.564	2.754	0.522	2.465	1.720	0.640	3.037	1.438
3177	34.759	469.918	660.405	0.342	1.582	2.726	0.522	2.472	1.717	0.642	3.040	1.470
3178	32.713	466.190	659.364	0.362	1.590	2.991	0.527	2.491	1.757	0.647	3.065	1.490
3179	33.245	496.121	602.631	0.348	1.600	2.802	0.526	2.485	1.766	0.644	3.048	1.510
3180	37.726	464.718	708.001	0.331	1.542	2.688	0.515	2.450	1.648	0.634	3.020	1.403
3181	39.873	451.754	680.240	0.328	1.528	2.666	0.513	2.443	1.630	0.634	3.016	1.396
3182	36.383	494.941	643.277	0.335	1.561	2.683	0.517	2.461	1.670	0.638	3.028	1.436
3183	31.019	475.575	692.871	0.354	1.630	2.766	0.532	2.510	1.768	0.650	3.075	1.502
3184	29.777	504.381	703.407	0.363	1.640	2.811	0.537	2.512	1.807	0.653	3.083	1.509
3185	31.311	509.283	608.630	0.360	1.617	2.884	0.534	2.496	1.840	0.648	3.056	1.542
3186	32.949	459.062	639.966	0.350	1.606	2.841	0.528	2.490	1.801	0.644	3.050	1.517
3187	30.223	500.328	645.693	0.457	1.581	3.699	0.552	2.490	2.022	0.661	3.057	1.660
3188	25.855	534.336	650.796	0.941	1.601	5.199	0.666	2.506	2.630	0.765	3.065	2.227
3189	30.212	465.492	626.368	0.465	1.586	3.816	0.543	2.499	1.970	0.653	3.064	1.610
3190	37.786	461.325	707.862	0.333	1.542	2.709	0.516	2.450	1.672	0.634	3.020	1.405
3191	42.344	498.195	661.544	0.321	1.499	2.612	0.510	2.435	1.566	0.629	2.997	1.359
3192	45.233	481.361	698.981	0.314	1.474	2.594	0.505	2.408	1.558	0.625	2.986	1.326
3193	23.643	455.714	672.052	1.780	1.614	7.218	1.097	2.499	3.956	1.261	3.058	3.611
3194	40.583	427.761	684.977	0.335	1.511	2.856	0.517	2.429	1.738	0.631	3.008	1.399
3195	25.268	484.646	659.448	0.969	1.612	5.465	0.693	2.520	2.796	0.767	3.083	2.273
3196	37.420	487.693	658.827	0.340	1.539	2.814	0.520	2.447	1.734	0.636	3.025	1.411
3197	32.354	451.337	700.359	0.352	1.613	2.778	0.000	0.000	0.000	0.000	0.000	0.000
3198	25.306	514.543	636.293	0.615	1.633	4.455	0.861	2.510	3.187	0.768	3.074	2.259
3199	48.369	465.840	608.840	0.316	1.451	2.793	0.507	2.400	1.647	0.624	2.981	1.345
3200	43.569	512.165	647.452	0.323	1.480	2.722	0.511	2.415	1.634	0.626	2.992	1.333
3201	39.240	432.333	619.888	0.332	1.542	2.756	0.516	2.451	1.701	0.636	3.019	1.449
3202	44.992	505.450	649.361	0.315	1.475	2.651	0.506	2.421	1.564	0.625	2.989	1.332
3203	35.191	473.530	638.302	0.341	1.576	2.764	0.522	2.471	1.725	0.640	3.035	1.465
3204	42.530	477.283	592.395	0.322	1.505	2.731	0.510	2.428	1.647	0.631	3.009	1.389
3205	40.671	474.569	659.075	0.323	1.516	2.676	0.511	2.441	1.620	0.632	3.019	1.367
3206	35.787	454.040	632.501	0.339	1.576	2.745	0.521	2.473	1.718	0.640	3.037	1.474
3207	50.083	433.911	679.939	0.308	1.444	2.680	0.501	2.389	1.587	0.622	2.974	1.328
3208	25.353	457.008	682.527	0.838	1.615	5.216	0.688	2.539	2.731	0.958	3.055	2.865
3209	40.246	448.920	702.950	0.333	1.516	2.778	0.516	2.437	1.686	0.633	3.016	1.379

3210	33.324	487.914	725.597	0.345	1.595	2.675	0.524	2.485	1.680	0.645	3.062	1.435
3211	45.264	453.371	672.207	0.318	1.480	2.656	0.507	2.416	1.584	0.628	2.992	1.356
3212	35.651	474.651	656.959	0.339	1.570	2.728	0.520	2.468	1.702	0.640	3.045	1.431
3213	23.255	464.681	677.486	1.427	1.634	6.542	0.959	2.512	3.649	82.875	3.061	55.222
3214	46.137	483.913	677.983	0.321	1.460	2.745	0.508	2.399	1.630	0.625	2.990	1.308
3215	38.043	428.717	690.912	0.335	1.545	2.753	0.518	2.452	1.696	0.636	3.022	1.429
3216	36.191	446.696	712.521	0.337	1.567	2.691	0.519	2.465	1.675	0.639	3.036	1.436
3217	39.710	451.192	628.973	0.430	1.485	3.595	0.514	2.446	1.660	0.635	3.016	1.426
3218	37.378	482.995	658.036	0.331	1.550	2.678	0.516	2.457	1.657	0.636	3.025	1.419
3219	32.885	434.926	658.055	0.350	1.612	2.806	0.528	2.495	1.779	0.646	3.050	1.532
3220	32.785	481.397	675.608	0.347	1.603	2.737	0.525	2.486	1.743	0.643	3.048	1.487
3221	31.793	433.176	690.019	0.449	1.571	3.681	0.532	2.500	1.818	0.648	3.058	1.546
3222	35.256	448.444	654.098	0.342	1.577	2.777	0.522	2.471	1.737	0.641	3.036	1.478
3223	31.476	474.538	656.425	0.352	1.623	2.788	0.530	2.504	1.770	0.647	3.057	1.527
3224	43.736	460.167	657.279	0.325	1.483	2.788	0.507	2.416	1.618	0.628	2.998	1.361
3225	45.668	473.405	682.362	0.313	1.472	2.611	0.506	2.417	1.547	0.626	2.990	1.326
3226	48.066	506.008	670.567	0.310	1.452	2.586	0.501	2.396	1.524	0.624	2.986	1.283
3227	33.601	477.632	680.145	0.349	1.587	2.795	0.527	2.478	1.760	0.645	3.062	1.445
3228	48.203	490.280	677.256	0.310	1.454	2.574	0.503	2.404	1.521	0.622	2.976	1.304
3229	47.735	508.539	645.216	0.312	1.454	2.631	0.503	2.397	1.560	0.624	2.980	1.312
3230	50.265	466.650	673.050	0.308	1.440	2.645	0.501	2.388	1.564	0.621	2.970	1.306
3231	36.931	465.430	710.887	0.338	1.547	2.751	0.520	2.453	1.702	0.636	3.024	1.407
3232	29.121	420.126	652.673	0.715	1.573	4.855	0.543	2.536	1.912	0.720	3.053	2.072
3233	30.061	452.307	683.679	0.489	1.586	3.883	0.554	2.507	2.023	0.703	3.061	1.914
3234	35.054	479.615	643.498	0.343	1.575	2.771	0.523	2.471	1.734	0.641	3.039	1.465
3235	31.741	497.232	644.062	0.351	1.615	2.780	0.528	2.495	1.762	0.646	3.055	1.511
3236	32.664	464.904	636.590	0.393	1.569	3.340	0.528	2.489	1.797	0.646	3.056	1.518
3237	39.048	441.703	682.423	0.330	1.536	2.721	0.515	2.448	1.672	0.634	3.016	1.417
3238	39.590	505.134	690.101	0.388	1.484	3.259	0.512	2.441	1.593	0.632	3.012	1.368
3239	42.905	432.186	680.413	0.322	1.503	2.679	0.510	2.427	1.618	0.630	2.997	1.389
3240	31.412	505.892	670.899	0.462	1.564	3.664	0.528	2.499	1.735	0.646	3.055	1.497
3241	34.574	502.801	677.554	0.343	1.575	2.727	0.523	2.472	1.703	0.641	3.042	1.443
3242	40.850	457.394	654.986	0.327	1.519	2.696	0.512	2.437	1.638	0.633	3.011	1.395
3243	39.023	441.746	663.841	0.330	1.539	2.715	0.514	2.446	1.666	0.635	3.025	1.408
3244	39.082	482.064	632.659	0.328	1.538	2.673	0.514	2.446	1.651	0.634	3.017	1.415
3245	37.256	477.988	644.821	0.333	1.553	2.704	0.516	2.455	1.670	0.637	3.027	1.427
3246	38.221	490.777	669.065	0.330	1.538	2.664	0.514	2.448	1.634	0.634	3.016	1.403
3247	35.530	495.674	647.418	0.338	1.569	2.692	0.519	2.465	1.681	0.640	3.037	1.441
3248	28.604	440.561	686.125	0.608	1.591	4.412	0.618	2.493	2.453	0.752	3.059	2.162
3249	41.760	469.232	660.463	0.325	1.505	2.702	0.511	2.429	1.636	0.630	3.005	1.373
3250	27.067	454.368	654.646	1.122	1.586	5.729	0.547	2.559	1.930	0.750	3.074	2.187
3251	36.224	437.350	607.079	0.344	1.570	2.875	0.524	2.463	1.809	0.639	3.031	1.492
3252	25.040	462.053	670.631	1.034	1.617	5.667	0.906	2.496	3.442	0.934	3.066	2.798
3253	43.100	476.866	660.490	0.325	1.489	2.749	0.511	2.418	1.654	0.628	2.999	1.357

3254	23.231	458.295	665.329	2.103	1.620	7.677	0.948	2.513	3.643	0.981	3.074	3.007
3255	32.045	513.393	630.226	0.376	1.584	3.111	0.537	2.486	1.870	0.648	3.049	1.535
3256	30.277	484.799	618.705	0.360	1.640	2.884	0.535	2.510	1.854	0.650	3.064	1.574
3257	42.945	440.130	635.476	0.323	1.500	2.758	0.512	2.437	1.648	0.630	3.004	1.389
3258	29.393	515.446	614.274	0.541	1.581	4.093	0.534	2.522	1.801	0.651	3.073	1.563
3259	36.935	484.219	656.760	0.336	1.550	2.755	0.518	2.454	1.704	0.636	3.025	1.424
3260	39.803	466.340	637.249	0.328	1.529	2.697	0.513	2.444	1.646	0.633	3.010	1.413
3261	34.737	462.202	680.721	0.340	1.582	2.709	0.520	2.473	1.698	0.641	3.040	1.460
3262	33.210	508.327	623.199	0.346	1.596	2.752	0.525	2.485	1.736	0.644	3.047	1.492
3263	40.815	464.490	646.710	0.326	1.518	2.704	0.511	2.435	1.645	0.633	3.016	1.388
3264	41.619	460.969	631.203	0.323	1.514	2.687	0.512	2.440	1.630	0.632	3.012	1.388
3265	29.362	479.383	627.901	0.477	1.593	3.868	0.535	2.524	1.836	0.652	3.072	1.589
3266	26.939	532.903	701.371	0.580	1.613	4.139	0.654	2.500	2.524	0.746	3.061	2.108
3267	37.025	494.341	676.894	0.341	1.543	2.777	0.522	2.454	1.712	0.637	3.026	1.412
3268	40.447	521.983	653.872	0.325	1.514	2.630	0.510	2.433	1.593	0.631	3.007	1.368
3269	30.033	441.223	681.046	0.484	1.588	3.877	0.537	2.519	1.845	0.653	3.070	1.583
3270	37.854	440.108	679.471	0.335	1.547	2.748	0.518	2.453	1.700	0.636	3.021	1.434
3271	37.502	437.603	654.450	0.335	1.557	2.724	0.517	2.457	1.693	0.637	3.027	1.450
3272	24.851	468.448	698.626	0.964	1.619	5.475	0.942	2.500	3.489	0.939	3.063	2.803
3273	43.003	452.261	660.603	0.328	1.491	2.794	0.513	2.419	1.682	0.630	3.003	1.368
3274	36.709	467.849	651.805	0.335	1.562	2.705	0.518	2.462	1.679	0.637	3.027	1.444
3275	31.606	500.019	676.525	0.349	1.617	2.724	0.527	2.496	1.736	0.646	3.058	1.498
3276	35.544	452.286	663.376	0.343	1.571	2.781	0.522	2.469	1.729	0.640	3.033	1.469
3277	30.218	471.787	667.409	0.358	1.643	2.809	0.583	2.491	2.206	0.675	3.055	1.766
3278	35.834	479.170	675.228	0.340	1.562	2.746	0.520	2.461	1.708	0.639	3.035	1.434
3279	31.687	470.853	677.432	0.354	1.624	2.778	0.530	2.502	1.772	0.648	3.061	1.522
3280	31.387	456.388	719.316	0.356	1.623	2.799	0.533	2.504	1.785	0.649	3.063	1.514
3281	30.878	451.080	619.397	0.362	1.637	2.920	0.537	2.508	1.885	0.652	3.066	1.594
3282	36.028	400.818	664.648	0.342	1.577	2.837	0.522	2.470	1.773	0.640	3.037	1.497
3283	40.075	483.144	631.632	0.391	1.485	3.362	0.512	2.439	1.643	0.632	3.015	1.393
3284	36.152	485.344	626.981	0.336	1.565	2.731	0.518	2.462	1.697	0.640	3.046	1.430
3285	31.109	464.940	645.786	0.355	1.635	2.811	0.535	2.500	1.871	0.649	3.065	1.546
3286	36.503	537.660	671.151	0.334	1.548	2.668	0.517	2.454	1.646	0.636	3.028	1.388
3287	47.851	485.821	625.631	0.313	1.457	2.661	0.503	2.399	1.566	0.625	2.986	1.325
3288	35.099	457.892	671.457	0.342	1.575	2.777	0.523	2.471	1.739	0.639	3.036	1.454
3289	37.874	451.009	678.400	0.333	1.547	2.699	0.516	2.453	1.663	0.635	3.020	1.424
3290	35.660	443.786	648.839	0.340	1.578	2.738	0.521	2.475	1.709	0.640	3.034	1.475
3291	45.650	508.747	685.925	0.312	1.469	2.572	0.504	2.413	1.529	0.625	2.987	1.305
3292	37.379	458.615	638.008	0.337	1.553	2.751	0.519	2.454	1.711	0.637	3.024	1.444
3293	32.290	457.823	614.914	0.350	1.622	2.806	0.528	2.497	1.796	0.647	3.060	1.539
3294	35.684	454.028	653.472	0.339	1.571	2.771	0.520	2.466	1.728	0.638	3.032	1.466
3295	34.577	437.491	657.493	0.343	1.589	2.773	0.524	2.483	1.734	0.644	3.053	1.477
3296	34.506	438.644	661.333	0.343	1.589	2.772	0.524	2.484	1.732	0.641	3.039	1.491
3297	33.344	463.323	680.811	0.345	1.599	2.741	0.525	2.484	1.736	0.643	3.048	1.487

3298	39.148	489.339	662.395	0.329	1.530	2.665	0.514	2.444	1.634	0.634	3.021	1.385
3299	37.249	499.779	673.451	0.395	1.507	3.307	0.516	2.456	1.638	0.635	3.021	1.409
3300	52.386	457.405	690.873	0.304	1.427	2.618	0.498	2.380	1.527	0.620	2.966	1.294
3301	34.292	437.411	670.774	0.356	1.576	2.950	0.532	2.472	1.855	0.643	3.040	1.501
3302	46.221	543.510	692.678	0.310	1.461	2.523	0.504	2.409	1.502	0.624	2.984	1.280
3303	49.665	475.347	669.904	0.312	1.443	2.645	0.501	2.390	1.548	0.623	2.975	1.304
3304	37.666	472.910	683.282	0.337	1.539	2.760	0.519	2.450	1.694	0.635	3.020	1.404
3305	39.305	460.672	683.852	0.329	1.530	2.670	0.513	2.442	1.632	0.634	3.015	1.402
3306	52.151	479.644	670.551	0.304	1.428	2.574	0.499	2.379	1.539	0.620	2.966	1.283
3307	52.104	505.728	654.564	0.311	1.416	2.710	0.503	2.377	1.584	0.620	2.968	1.268
3308	32.067	512.905	649.862	0.363	1.596	2.942	0.537	2.488	1.852	0.646	3.053	1.504
3309	32.203	481.096	666.693	0.352	1.607	2.803	0.528	2.489	1.774	0.646	3.055	1.504
3310	36.301	432.003	678.735	0.340	1.566	2.770	0.537	2.461	1.880	0.639	3.030	1.464
3311	35.636	434.259	699.875	0.340	1.577	2.730	0.520	2.469	1.711	0.640	3.038	1.462
3312	42.187	485.389	635.122	0.322	1.505	2.660	0.509	2.426	1.612	0.631	3.006	1.373
3313	41.873	456.316	619.615	0.324	1.512	2.727	0.511	2.432	1.652	0.631	3.005	1.404
3314	24.371	473.038	690.273	1.415	1.620	6.288	0.942	2.503	3.511	0.924	3.083	2.739
3315	35.107	461.366	603.129	0.352	1.572	2.949	0.530	2.467	1.852	0.642	3.035	1.507
3316	29.151	481.939	654.518	0.603	1.581	4.321	0.581	2.492	2.239	0.684	3.058	1.840
3317	35.026	466.680	623.332	0.344	1.578	2.822	0.524	2.468	1.774	0.640	3.035	1.486
3318	32.659	428.371	719.511	0.349	1.613	2.767	0.540	2.480	1.927	0.647	3.066	1.491
3319	33.696	462.839	658.249	0.347	1.595	2.760	0.525	2.481	1.745	0.644	3.046	1.496
3320	36.744	493.318	639.576	0.335	1.555	2.715	0.517	2.456	1.684	0.637	3.027	1.431
3321	22.952	513.275	685.781	0.928	1.671	5.269	0.806	2.526	3.187	0.959	3.084	2.862
3322	43.289	448.336	637.221	0.332	1.488	2.876	0.515	2.415	1.733	0.631	3.003	1.389
3323	34.480	501.007	675.310	0.339	1.580	2.684	0.521	2.476	1.677	0.639	3.038	1.441
3324	34.588	480.538	671.080	0.342	1.579	2.725	0.523	2.474	1.706	0.643	3.055	1.436
3325	31.595	484.270	670.379	0.352	1.616	2.779	0.529	2.497	1.759	0.648	3.058	1.514
3326	32.646	429.978	690.283	0.354	1.613	2.837	0.530	2.492	1.802	0.648	3.061	1.521
3327	43.130	416.160	643.714	0.323	1.505	2.741	0.510	2.429	1.659	0.630	2.998	1.411
3328	33.374	464.348	656.510	0.344	1.600	2.746	0.524	2.486	1.736	0.643	3.048	1.492
3329	35.002	480.375	636.824	0.419	1.532	3.502	0.521	2.470	1.721	0.641	3.040	1.466
3330	34.985	482.662	682.545	0.339	1.573	2.710	0.520	2.471	1.685	0.639	3.036	1.441
3331	35.273	449.851	687.533	0.341	1.576	2.721	0.522	2.471	1.709	0.640	3.034	1.462
3332	37.016	509.320	662.359	0.333	1.549	2.657	0.518	2.463	1.631	0.636	3.021	1.410
3333	39.114	467.470	621.433	0.330	1.537	2.720	0.514	2.446	1.670	0.635	3.018	1.428
3334	31.588	466.703	665.401	0.351	1.626	2.766	0.528	2.504	1.761	0.648	3.064	1.520
3335	43.158	431.826	601.195	0.324	1.506	2.781	0.511	2.428	1.683	0.632	3.013	1.405
3336	36.375	525.812	671.728	0.331	1.553	2.643	0.517	2.469	1.621	0.635	3.029	1.391
3337	32.010	498.201	701.136	0.440	1.559	3.530	0.527	2.492	1.723	0.645	3.050	1.488
3338	30.362	455.984	636.971	0.433	1.590	3.622	0.538	2.511	1.876	0.652	3.065	1.590
3339	21.446	492.966	666.061	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3340	29.453	492.064	712.598	0.495	1.589	3.815	0.554	2.500	2.003	0.674	3.060	1.735
3341	30.497	448.272	585.368	0.510	1.579	4.112	0.540	2.508	1.955	0.654	3.071	1.626

3342	33.934	450.994	644.652	0.344	1.594	2.811	0.600	2.448	2.314	0.691	3.037	1.838
3343	26.812	415.287	625.752	0.950	1.595	5.628	0.682	2.510	2.826	0.758	3.069	2.295
3344	30.357	475.329	673.920	0.521	1.573	3.995	0.650	2.474	2.513	0.734	3.032	2.075
3345	43.497	521.256	591.498	0.321	1.491	2.693	0.508	2.419	1.620	0.629	3.003	1.355
3346	48.195	461.689	641.837	0.310	1.456	2.685	0.502	2.399	1.585	0.623	2.977	1.339
3347	39.012	514.976	618.876	0.330	1.528	2.728	0.514	2.440	1.671	0.634	3.025	1.382
3348	35.005	494.557	634.849	0.339	1.577	2.720	0.520	2.469	1.708	0.641	3.041	1.455
3349	32.772	472.134	637.703	0.348	1.608	2.781	0.527	2.493	1.766	0.647	3.065	1.494
3350	34.267	464.667	664.095	0.343	1.587	2.751	0.524	2.479	1.735	0.642	3.044	1.474
3351	48.550	455.246	647.155	0.311	1.456	2.661	0.502	2.399	1.579	0.623	2.976	1.341
3352	31.950	408.140	626.745	0.360	1.627	2.972	0.534	2.500	1.900	0.649	3.063	1.579
3353	30.608	462.720	682.655	0.523	1.573	4.000	0.647	2.472	2.503	0.730	3.048	2.027
3354	35.766	487.055	640.586	0.340	1.566	2.754	0.520	2.463	1.713	0.639	3.031	1.451
3355	31.240	457.386	637.744	0.470	1.572	3.830	0.532	2.507	1.821	0.649	3.064	1.558
3356	36.933	469.263	629.186	0.336	1.557	2.771	0.519	2.459	1.724	0.639	3.042	1.433
3357	37.241	419.295	625.797	0.337	1.565	2.793	0.518	2.462	1.732	0.640	3.038	1.470
3358	46.237	437.449	661.087	0.314	1.473	2.702	0.504	2.406	1.616	0.625	2.989	1.355
3359	58.346	505.702	673.641	0.299	1.383	2.652	0.495	2.356	1.522	0.615	2.949	1.233
3360	37.194	498.081	682.356	0.361	1.524	3.025	0.537	2.445	1.857	0.645	3.026	1.489
3361	33.411	470.862	600.199	0.349	1.606	2.806	0.527	2.486	1.786	0.646	3.048	1.533
3362	35.194	434.482	640.188	0.341	1.583	2.795	0.522	2.475	1.756	0.641	3.046	1.477
3363	30.056	442.541	710.961	0.484	1.586	3.845	0.604	2.479	2.349	0.652	3.074	1.557
3364	26.926	458.268	687.856	0.623	1.613	4.484	0.630	2.516	2.496	0.747	3.068	2.169
3365	32.516	413.979	645.929	0.360	1.613	2.963	0.534	2.489	1.897	0.648	3.057	1.559
3366	35.306	490.272	669.607	0.337	1.569	2.704	0.519	2.466	1.686	0.638	3.034	1.437
3367	30.916	509.962	613.119	0.479	1.570	3.810	0.532	2.506	1.792	0.649	3.064	1.535
3368	49.708	448.237	627.961	0.310	1.449	2.712	0.502	2.394	1.605	0.623	2.977	1.342
3369	43.628	409.530	638.286	0.323	1.498	2.816	0.512	2.429	1.692	0.630	3.008	1.393
3370	43.971	386.536	642.950	0.322	1.498	2.814	0.510	2.423	1.700	0.630	3.001	1.418
3371	34.113	489.511	678.251	0.339	1.586	2.693	0.521	2.480	1.684	0.640	3.043	1.449
3372	28.799	453.452	685.190	0.496	1.603	3.927	0.597	2.500	2.318	0.704	3.061	1.954
3373	41.006	505.955	676.580	0.326	1.506	2.666	0.512	2.437	1.601	0.630	3.002	1.359
3374	39.245	503.207	695.571	0.328	1.524	2.627	0.513	2.441	1.604	0.632	3.010	1.372
3375	35.180	502.294	695.418	0.339	1.569	2.656	0.520	2.467	1.660	0.639	3.031	1.430
3376	33.091	503.047	652.277	0.347	1.596	2.738	0.526	2.482	1.731	0.644	3.045	1.486
3377	38.514	481.113	682.987	0.331	1.535	2.679	0.515	2.448	1.639	0.634	3.016	1.399
3378	39.238	428.554	644.802	0.331	1.540	2.734	0.515	2.449	1.677	0.636	3.018	1.440
3379	46.376	513.046	640.727	0.310	1.467	2.580	0.505	2.402	1.594	0.624	2.985	1.316
3380	40.090	481.461	701.337	0.327	1.517	2.664	0.513	2.437	1.626	0.632	3.011	1.364
3381	29.314	493.097	648.244	0.473	1.592	3.779	0.536	2.522	1.816	0.689	3.053	1.858
3382	56.799	458.243	682.839	0.299	1.403	2.633	0.497	2.377	1.507	0.616	2.952	1.275
3383	35.481	469.953	633.731	0.361	1.551	3.061	0.537	2.468	1.880	0.646	3.038	1.525
3384	29.466	435.483	695.092	0.565	1.584	4.227	0.538	2.534	1.836	0.737	3.054	2.091
3385	33.145	472.176	669.916	0.350	1.596	2.807	0.527	2.482	1.769	0.644	3.049	1.489

3386	27.843	504.254	722.805	0.558	1.602	4.061	0.611	2.497	2.345	0.723	3.054	2.013
3387	34.013	456.741	643.942	0.353	1.587	2.869	0.530	2.473	1.821	0.644	3.041	1.507
3388	24.118	478.500	651.049	1.632	1.600	6.978	0.775	2.516	3.143	0.918	3.084	2.748
3389	37.790	478.918	637.237	0.340	1.538	2.847	0.521	2.445	1.760	0.636	3.026	1.419
3390	33.595	451.587	670.183	0.345	1.598	2.756	0.525	2.489	1.733	0.644	3.048	1.495
3391	35.357	452.928	686.770	0.372	1.545	3.142	0.521	2.470	1.703	0.640	3.034	1.456
3392	31.503	479.146	656.308	0.353	1.622	2.780	0.530	2.503	1.770	0.647	3.056	1.528
3393	32.433	428.964	662.064	0.355	1.620	2.858	0.531	2.495	1.828	0.647	3.056	1.543
3394	33.155	449.691	685.382	0.349	1.607	2.781	0.527	2.490	1.761	0.645	3.054	1.500
3395	37.248	488.383	658.460	0.334	1.549	2.689	0.517	2.457	1.661	0.636	3.022	1.421
3396	30.697	453.063	666.073	0.359	1.643	2.831	0.534	2.517	1.812	0.651	3.066	1.565
3397	45.119	486.913	651.282	0.317	1.476	2.664	0.508	2.422	1.578	0.626	2.987	1.341
3398	25.385	454.240	693.861	0.942	1.612	5.431	0.938	2.495	3.483	0.938	3.068	2.766
3399	48.619	454.961	595.016	0.316	1.454	2.799	0.506	2.398	1.657	0.624	2.977	1.362
3400	38.880	515.894	668.327	0.328	1.525	2.696	0.513	2.441	1.650	0.632	3.017	1.366
3401	43.213	438.489	686.885	0.321	1.499	2.669	0.509	2.426	1.609	0.629	3.000	1.372
3402	39.500	486.896	666.302	0.327	1.525	2.663	0.514	2.449	1.614	0.634	3.020	1.377
3403	37.330	513.375	675.065	0.331	1.545	2.634	0.515	2.452	1.623	0.636	3.027	1.389
3404	49.614	455.662	677.371	0.309	1.447	2.626	0.501	2.392	1.552	0.623	2.979	1.310
3405	20.079	469.666	609.439	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3406	38.529	487.960	663.053	0.343	1.520	2.918	0.525	2.438	1.796	0.636	3.013	1.448
3407	39.985	482.473	662.550	0.326	1.522	2.661	0.513	2.443	1.612	0.633	3.017	1.376
3408	38.354	479.065	666.008	0.330	1.540	2.671	0.515	2.451	1.639	0.635	3.020	1.409
3409	38.693	486.477	612.051	0.331	1.541	2.710	0.515	2.449	1.663	0.635	3.021	1.424
3410	36.774	486.149	658.072	0.332	1.557	2.679	0.516	2.459	1.664	0.636	3.026	1.425
3411	36.362	511.087	676.676	0.334	1.556	2.652	0.517	2.459	1.643	0.637	3.029	1.413
3412	27.461	451.538	620.068	0.778	1.589	5.069	0.652	2.495	2.675	0.662	3.096	1.682
3413	24.607	482.907	657.919	2.279	1.611	7.460	0.923	2.500	3.483	0.941	3.070	2.821
3414	50.806	442.278	625.678	0.312	1.437	2.778	0.505	2.400	1.620	0.621	2.970	1.337
3415	30.424	460.859	677.665	0.365	1.634	2.935	0.553	2.517	1.975	0.649	3.067	1.548
3416	36.587	440.359	704.473	0.339	1.558	2.755	0.519	2.458	1.706	0.639	3.033	1.439
3417	43.292	479.864	641.656	0.320	1.497	2.649	0.508	2.423	1.601	0.630	3.003	1.358
3418	41.323	449.030	699.684	0.323	1.512	2.658	0.510	2.434	1.609	0.632	3.015	1.360
3419	44.469	477.967	640.035	0.317	1.486	2.643	0.507	2.419	1.586	0.629	3.001	1.344
3420	39.512	485.125	662.587	0.327	1.525	2.686	0.514	2.448	1.623	0.633	3.015	1.383
3421	36.784	493.571	656.489	0.334	1.555	2.683	0.518	2.460	1.658	0.637	3.027	1.424
3422	28.351	473.986	649.838	0.544	1.601	4.157	0.631	2.499	2.484	0.711	3.059	1.997
3423	34.545	515.018	645.199	0.343	1.573	2.762	0.523	2.471	1.730	0.639	3.036	1.448
3424	37.608	506.605	618.033	0.333	1.546	2.708	0.517	2.454	1.669	0.636	3.023	1.423
3425	39.277	520.600	697.934	0.325	1.522	2.605	0.513	2.452	1.569	0.631	3.008	1.359
3426	24.696	472.009	642.512	0.996	1.621	5.633	0.695	2.531	2.844	0.878	3.085	2.632
3427	28.899	488.508	674.553	0.496	1.599	3.889	0.560	2.507	2.076	0.657	3.074	1.614
3428	41.559	459.190	678.995	0.326	1.507	2.703	0.512	2.429	1.643	0.632	3.014	1.366
3429	39.539	428.327	662.656	0.330	1.535	2.718	0.514	2.442	1.673	0.634	3.015	1.427

3430	49.384	430.516	722.845	0.309	1.450	2.640	0.501	2.394	1.563	0.622	2.977	1.313
3431	31.507	485.557	649.313	0.360	1.614	2.886	0.534	2.495	1.832	0.647	3.056	1.524
3432	50.845	467.258	646.433	0.306	1.437	2.646	0.500	2.385	1.575	0.622	2.975	1.304
3433	39.095	426.041	667.694	0.335	1.533	2.818	0.518	2.441	1.742	0.634	3.020	1.420
3434	45.412	492.857	640.695	0.314	1.477	2.630	0.505	2.411	1.579	0.625	2.986	1.341
3435	28.383	468.055	671.603	0.566	1.598	4.226	0.582	2.506	2.241	0.732	3.055	2.086
3436	47.994	505.936	728.256	0.311	1.447	2.570	0.502	2.395	1.514	0.622	2.978	1.271
3437	43.361	456.247	634.283	0.326	1.496	2.741	0.513	2.434	1.638	0.629	2.996	1.384
3438	29.284	498.773	705.932	0.540	1.586	3.997	0.597	2.503	2.232	0.651	3.076	1.530
3439	32.352	493.271	702.080	0.430	1.556	3.485	0.531	2.488	1.768	0.646	3.053	1.480
3440	33.121	459.248	676.663	0.496	1.541	3.863	0.528	2.487	1.766	0.645	3.049	1.501
3441	39.942	437.098	728.703	0.328	1.527	2.673	0.513	2.442	1.635	0.634	3.018	1.386
3442	44.263	504.516	646.832	0.319	1.484	2.627	0.509	2.428	1.567	0.627	2.990	1.344
3443	59.653	450.509	593.126	0.296	1.380	2.765	0.495	2.362	1.579	0.616	2.950	1.308
3444	34.434	500.835	613.341	0.373	1.551	3.199	0.545	2.472	1.945	0.652	3.042	1.578
3445	27.448	458.930	664.952	0.606	1.611	4.414	0.680	2.502	2.706	0.734	3.065	2.117
3446	28.144	481.745	627.344	0.589	1.597	4.361	0.650	2.496	2.578	0.697	3.061	1.942
3447	43.651	462.038	682.695	0.320	1.487	2.704	0.508	2.417	1.623	0.627	2.996	1.354
3448	29.988	499.210	669.910	0.401	1.600	3.308	0.576	2.486	2.165	0.650	3.070	1.530
3449	33.348	502.770	646.488	0.348	1.588	2.796	0.000	0.000	0.000	0.000	0.000	0.000
3450	33.358	444.906	595.907	0.351	1.609	2.874	0.528	2.492	1.818	0.647	3.058	1.540
3451	46.205	476.067	695.606	0.311	1.465	2.627	0.503	2.404	1.562	0.625	2.991	1.309
3452	29.651	479.959	645.282	0.366	1.648	2.895	0.540	2.516	1.878	0.655	3.084	1.561
3453	38.008	471.739	651.364	0.333	1.542	2.745	0.517	2.448	1.695	0.636	3.028	1.408
3454	40.713	448.368	724.786	0.324	1.516	2.636	0.511	2.436	1.607	0.631	3.009	1.371
3455	26.858	475.920	712.397	0.973	1.592	5.263	0.784	2.505	2.931	0.752	3.061	2.177
3456	31.352	483.095	674.608	0.362	1.611	2.908	0.537	2.494	1.849	0.650	3.072	1.499
3457	42.691	486.832	667.209	0.322	1.496	2.657	0.509	2.423	1.601	0.629	2.999	1.357
3458	27.309	406.442	650.725	0.638	1.607	4.750	0.707	2.492	2.918	0.769	3.063	2.320
3459	28.273	453.242	662.354	0.733	1.583	4.813	0.558	2.518	2.096	0.736	3.078	2.079
3460	35.113	457.751	651.317	0.344	1.574	2.818	0.524	2.471	1.762	0.640	3.036	1.470
3461	29.043	489.142	673.995	0.467	1.601	3.745	0.537	2.526	1.825	0.660	3.074	1.637
3462	38.657	474.398	620.691	0.357	1.516	3.076	0.517	2.447	1.709	0.635	3.017	1.433
3463	33.482	459.759	673.235	0.344	1.599	2.736	0.523	2.485	1.726	0.642	3.045	1.488
3464	30.496	477.857	668.366	0.357	1.637	2.804	0.534	2.511	1.802	0.650	3.069	1.536
3465	44.143	436.770	655.529	0.321	1.491	2.727	0.511	2.430	1.629	0.629	2.996	1.383
3466	33.421	439.424	665.088	0.347	1.602	2.794	0.525	2.486	1.765	0.644	3.050	1.505
3467	32.595	494.416	683.310	0.346	1.603	2.718	0.526	2.489	1.724	0.645	3.061	1.459
3468	52.526	446.490	662.979	0.306	1.430	2.653	0.499	2.379	1.562	0.620	2.964	1.312
3469	38.105	456.000	666.894	0.400	1.502	3.391	0.521	2.446	1.752	0.635	3.026	1.399
3470	30.881	474.405	706.144	0.354	1.631	2.754	0.532	2.512	1.752	0.650	3.075	1.501
3471	28.842	478.506	654.544	0.508	1.598	3.975	0.604	2.494	2.354	0.702	3.070	1.914
3472	35.745	468.522	671.572	0.341	1.564	2.772	0.522	2.465	1.724	0.638	3.031	1.443
3473	28.658	482.100	649.067	0.493	1.601	3.918	0.539	2.529	1.857	0.697	3.059	1.912

3474	41.894	505.513	641.060	0.324	1.500	2.697	0.510	2.425	1.628	0.629	3.002	1.366
3475	48.441	501.840	687.212	0.308	1.449	2.569	0.501	2.395	1.518	0.622	2.977	1.287
3476	49.254	448.594	622.663	0.314	1.451	2.738	0.505	2.402	1.603	0.624	2.979	1.340
3477	40.094	432.911	630.861	0.330	1.529	2.791	0.515	2.443	1.711	0.633	3.016	1.421
3478	23.490	489.078	630.311	1.547	1.636	6.618	1.091	2.527	3.818	0.000	0.000	0.000
3479	29.391	492.446	684.162	0.473	1.595	3.748	0.552	2.503	1.998	0.657	3.073	1.598
3480	48.981	471.351	649.592	0.312	1.448	2.686	0.502	2.392	1.579	0.624	2.980	1.319
3481	33.473	435.213	623.337	0.352	1.602	2.896	0.529	2.482	1.846	0.644	3.048	1.526
3482	44.679	484.968	676.952	0.315	1.478	2.643	0.505	2.413	1.577	0.626	2.991	1.330
3483	36.927	447.074	673.913	0.336	1.559	2.718	0.519	2.462	1.687	0.638	3.030	1.440
3484	29.517	460.295	665.948	0.523	1.588	4.062	0.595	2.488	2.317	0.694	3.053	1.902
3485	27.481	454.290	628.373	0.665	1.599	4.710	0.591	2.513	2.348	0.714	3.069	2.045
3486	36.204	518.560	668.702	0.336	1.552	2.720	0.520	2.468	1.666	0.635	3.026	1.407
3487	35.202	502.284	677.453	0.339	1.569	2.686	0.521	2.470	1.670	0.640	3.036	1.434
3488	46.460	473.118	625.168	0.315	1.470	2.672	0.505	2.411	1.582	0.627	2.992	1.342
3489	32.861	500.439	685.490	0.346	1.597	2.730	0.526	2.486	1.728	0.643	3.051	1.457
3490	28.173	475.972	630.775	0.534	1.604	4.151	0.599	2.503	2.357	0.746	3.052	2.172
3491	31.754	475.146	634.924	0.356	1.616	2.879	0.637	2.467	2.455	0.646	3.056	1.530
3492	45.569	447.937	630.467	0.316	1.478	2.715	0.506	2.411	1.626	0.626	2.986	1.372
3493	49.559	472.271	667.083	0.306	1.445	2.621	0.499	2.389	1.550	0.621	2.972	1.306
3494	37.745	497.803	685.469	0.335	1.536	2.729	0.518	2.449	1.680	0.636	3.033	1.372
3495	47.894	492.826	638.258	0.311	1.459	2.610	0.503	2.399	1.557	0.624	2.981	1.322
3496	35.855	427.261	660.933	0.343	1.571	2.827	0.523	2.466	1.773	0.639	3.033	1.472
3497	27.182	477.520	635.661	0.954	1.587	5.353	0.657	2.508	2.623	0.667	3.090	1.719
3498	37.135	463.580	677.145	0.338	1.548	2.784	0.519	2.452	1.719	0.636	3.028	1.421
3499	33.957	483.673	656.004	0.343	1.589	2.720	0.523	2.478	1.715	0.644	3.053	1.465
3500	29.914	499.350	650.283	0.564	1.592	4.053	0.660	2.470	2.680	0.684	3.065	1.807
3501	32.626	463.168	644.620	0.476	1.553	3.820	0.534	2.481	1.916	0.649	3.049	1.572
3502	26.974	464.945	701.191	0.816	1.594	4.983	0.646	2.504	2.574	0.949	3.057	2.931
3503	35.442	503.636	631.970	0.468	1.518	3.714	0.530	2.457	1.863	0.643	3.026	1.527
3504	29.984	424.953	664.331	0.548	1.581	4.221	0.540	2.508	1.981	0.705	3.066	1.960
3505	36.702	474.983	649.062	0.337	1.556	2.751	0.522	2.451	1.790	0.642	3.032	1.496
3506	34.850	437.900	696.477	0.342	1.585	2.745	0.813	2.431	3.150	0.646	3.040	1.536
3507	42.094	443.003	689.584	0.323	1.507	2.662	0.510	2.428	1.613	0.634	3.011	1.407
3508	39.999	473.718	673.560	0.326	1.522	2.656	0.516	2.447	1.671	0.632	3.011	1.387
3509	39.008	435.991	626.945	0.331	1.543	2.742	0.515	2.450	1.686	0.635	3.017	1.447
3510	36.228	460.031	651.257	0.336	1.568	2.733	0.521	2.461	1.776	0.640	3.029	1.497
3511	40.746	494.022	636.462	0.324	1.517	2.664	0.514	2.441	1.659	0.635	3.005	1.461
3512	31.903	469.987	610.721	0.353	1.625	2.823	0.533	2.490	1.905	0.648	3.053	1.571
3513	42.753	462.816	612.293	0.322	1.501	2.750	0.512	2.425	1.721	0.630	3.008	1.387
3514	38.186	473.624	620.748	0.331	1.547	2.729	0.516	2.447	1.737	0.635	3.020	1.435
3515	23.065	498.445	661.581	3.421	1.620	9.228	0.890	2.533	3.649	5.543	3.067	10.363
3516	51.298	473.903	647.862	0.314	1.424	2.778	0.508	2.382	1.698	0.622	2.966	1.339
3517	40.780	451.681	624.213	0.332	1.517	2.827	0.522	2.427	1.838	0.637	3.016	1.480

3518	26.447	474.443	694.587	1.017	1.594	5.432	0.941	2.488	3.785	0.935	3.059	2.900
3519	63.898	457.499	648.181	0.405	1.295	3.797	0.666	2.366	2.509	0.636	2.962	1.535
3520	35.392	466.969	668.261	0.441	1.524	3.590	0.521	2.464	1.755	0.642	3.044	1.456
3521	43.875	426.298	640.678	0.321	1.497	2.731	0.510	2.418	1.690	0.629	3.000	1.390
3522	35.277	466.997	638.828	0.339	1.577	2.751	0.523	2.463	1.804	0.646	3.040	1.551
3523	39.912	481.559	639.993	0.326	1.526	2.683	0.514	2.436	1.697	0.634	3.006	1.448
3524	42.863	452.007	655.955	0.321	1.501	2.682	0.512	2.429	1.679	0.634	2.996	1.471
3525	33.197	486.198	736.858	0.344	1.596	2.665	0.527	2.480	1.766	0.643	3.044	1.464
3526	48.224	425.580	665.559	0.314	1.459	2.697	0.508	2.398	1.679	0.625	2.979	1.354
3527	32.984	442.265	685.910	0.351	1.608	2.810	0.533	2.479	1.899	0.654	3.043	1.657
3528	47.684	476.289	621.881	0.312	1.461	2.665	0.504	2.399	1.607	0.626	2.976	1.388
3529	35.528	495.826	606.578	0.341	1.568	2.811	0.525	2.462	1.829	0.645	3.038	1.539
3530	37.162	478.262	633.826	0.440	1.506	3.625	0.519	2.450	1.770	0.642	3.022	1.533
3531	42.448	456.349	686.739	0.320	1.502	2.647	0.509	2.424	1.641	0.630	3.001	1.390
3532	27.235	473.787	693.898	0.731	1.600	4.726	0.823	2.488	3.309	0.867	3.054	2.680
3533	31.843	511.044	681.630	0.371	1.589	3.007	0.541	2.489	1.901	0.646	3.050	1.506
3534	42.731	497.992	686.343	0.322	1.493	2.632	0.512	2.417	1.660	0.640	2.984	1.550
3535	35.742	448.743	653.420	0.341	1.575	2.745	0.525	2.464	1.801	0.645	3.034	1.537
3536	41.278	485.872	588.983	0.325	1.516	2.729	0.513	2.429	1.717	0.632	3.002	1.444
3537	29.741	488.976	666.216	0.470	1.587	3.759	0.536	2.508	1.890	0.670	3.057	1.752
3538	40.824	455.211	648.359	0.329	1.517	2.746	0.517	2.430	1.757	0.637	3.003	1.496
3539	38.447	488.463	635.227	0.329	1.540	2.686	0.515	2.447	1.689	0.634	3.016	1.417
3540	47.668	459.749	667.092	0.313	1.458	2.686	0.505	2.394	1.648	0.626	2.987	1.338
3541	35.463	457.164	646.331	0.475	1.520	3.799	0.528	2.466	1.841	0.644	3.034	1.531
3542	33.551	492.755	615.449	0.344	1.598	2.754	0.527	2.476	1.833	0.646	3.059	1.498
3543	36.523	471.341	696.917	0.335	1.555	2.702	0.521	2.459	1.741	0.643	3.035	1.497
3544	31.559	459.447	694.969	0.354	1.626	2.769	0.534	2.492	1.875	0.656	3.054	1.634
3545	52.678	442.967	679.497	0.305	1.428	2.648	0.501	2.376	1.629	0.624	2.973	1.354
3546	26.991	492.557	632.023	0.943	1.591	5.281	0.960	2.487	3.722	0.907	3.057	2.831
3547	38.028	493.029	630.893	0.335	1.537	2.790	0.523	2.440	1.818	0.635	3.025	1.408
3548	44.438	480.076	640.433	0.323	1.477	2.773	0.510	2.420	1.654	0.628	3.003	1.340
3549	39.272	457.310	683.334	0.328	1.530	2.690	0.516	2.438	1.724	0.642	3.012	1.538
3550	41.627	470.924	654.998	0.323	1.510	2.660	0.512	2.424	1.690	0.634	3.011	1.413
3551	37.392	471.195	701.074	0.332	1.547	2.670	0.519	2.453	1.717	0.637	3.023	1.425
3552	35.121	481.246	625.986	0.341	1.580	2.730	0.525	2.467	1.803	0.641	3.036	1.480
3553	40.565	472.389	659.906	0.325	1.518	2.673	0.514	2.445	1.648	0.632	3.003	1.423
3554	43.031	436.550	663.560	0.321	1.502	2.685	0.510	2.423	1.663	0.635	2.998	1.473
3555	34.404	494.040	652.548	0.441	1.532	3.588	0.688	2.440	2.715	0.641	3.041	1.459
3556	33.788	472.422	700.170	0.345	1.592	2.727	0.527	2.474	1.804	0.650	3.050	1.554
3557	29.776	449.196	660.323	0.525	1.577	4.127	0.543	2.508	1.984	0.658	3.080	1.623
3558	32.801	462.637	689.383	0.350	1.601	2.791	0.532	2.480	1.868	0.650	3.047	1.576
3559	40.600	418.818	599.175	0.330	1.532	2.786	0.518	2.436	1.798	0.637	3.011	1.497
3560	38.893	475.753	705.242	0.326	1.532	2.647	0.514	2.440	1.698	0.635	3.024	1.409
3561	35.033	435.751	655.900	0.344	1.585	2.765	0.529	2.485	1.800	0.646	3.037	1.544

3562	25.845	469.570	642.029	0.925	1.605	5.436	0.944	2.496	3.776	1.021	3.062	3.250
3563	36.472	492.674	666.970	0.340	1.549	2.798	0.526	2.447	1.835	0.641	3.035	1.472
3564	40.638	467.577	668.483	0.326	1.518	2.663	0.516	2.444	1.679	0.637	3.003	1.481
3565	27.710	480.319	656.530	0.922	1.581	5.207	0.724	2.485	3.003	0.772	3.050	2.276
3566	45.846	465.313	627.808	0.331	1.458	2.940	0.509	2.401	1.718	0.628	2.983	1.405
3567	47.300	449.832	699.743	0.312	1.460	2.666	0.504	2.395	1.644	0.629	2.985	1.407
3568	45.040	452.366	642.744	0.329	1.472	2.862	0.510	2.409	1.702	0.627	2.989	1.365
3569	30.365	441.380	629.088	0.500	1.570	4.081	0.540	2.503	1.989	0.732	3.046	2.164
3570	32.002	459.372	704.397	0.352	1.614	2.794	0.533	2.486	1.880	0.647	3.053	1.542
3571	35.910	459.617	667.353	0.341	1.566	2.752	0.525	2.460	1.799	0.645	3.026	1.558
3572	27.175	465.338	680.225	0.952	1.586	5.327	0.650	2.510	2.576	0.712	3.093	1.967
3573	39.730	456.973	687.794	0.333	1.521	2.762	0.522	2.440	1.769	0.635	3.011	1.442
3574	33.582	475.403	730.447	0.345	1.594	2.686	0.527	2.476	1.772	0.646	3.042	1.508
3575	42.179	511.655	634.209	0.323	1.501	2.644	0.512	2.420	1.670	0.636	3.000	1.453
3576	32.268	474.012	643.055	0.351	1.614	2.798	0.532	2.485	1.875	0.653	3.057	1.604
3577	30.794	486.363	748.848	0.450	1.575	3.572	0.676	2.463	2.678	0.652	3.077	1.503
3578	29.039	480.814	610.094	0.506	1.595	4.018	0.550	2.505	2.064	0.676	3.063	1.868
3579	49.351	500.183	620.672	0.309	1.443	2.680	0.505	2.396	1.632	0.621	2.973	1.313
3580	27.638	489.905	650.842	0.758	1.589	4.803	0.620	2.501	2.532	0.761	3.052	2.258
3581	31.280	453.633	638.706	0.496	1.568	3.948	0.545	2.511	1.967	0.654	3.052	1.659
3582	34.362	506.478	689.534	0.341	1.576	2.708	0.526	2.476	1.764	0.643	3.041	1.475
3583	33.599	444.395	674.345	0.349	1.598	2.788	0.530	2.476	1.850	0.648	3.042	1.559
3584	40.719	458.030	654.347	0.326	1.520	2.694	0.514	2.428	1.721	0.636	3.003	1.492
3585	48.972	442.561	732.345	0.308	1.450	2.604	0.504	2.398	1.608	0.624	2.980	1.317
3586	40.797	460.333	680.103	0.330	1.513	2.729	0.518	2.430	1.747	0.633	3.002	1.431
3587	31.602	482.175	682.136	0.387	1.588	3.202	0.532	2.492	1.845	0.651	3.055	1.567
3588	43.312	448.451	639.890	0.323	1.498	2.721	0.512	2.416	1.723	0.629	2.996	1.389
3589	33.200	486.722	679.573	0.344	1.597	2.712	0.527	2.477	1.804	0.647	3.046	1.535
3590	33.771	466.251	700.790	0.345	1.589	2.736	0.528	2.472	1.810	0.647	3.035	1.551
3591	35.512	493.973	674.254	0.339	1.567	2.689	0.523	2.460	1.762	0.642	3.034	1.477
3592	54.496	448.828	644.998	0.304	1.418	2.672	0.500	2.369	1.637	0.621	2.957	1.348
3593	35.132	494.260	659.382	0.349	1.559	2.890	0.536	2.454	1.932	0.646	3.038	1.540
3594	33.591	496.147	639.068	0.345	1.592	2.756	0.528	2.475	1.821	0.644	3.042	1.507
3595	33.594	471.059	685.772	0.345	1.591	2.743	0.527	2.474	1.816	0.649	3.045	1.558
3596	32.727	468.498	608.352	0.352	1.611	2.835	0.533	2.490	1.885	0.652	3.043	1.645
3597	28.609	456.012	616.858	0.534	1.600	4.209	0.645	2.495	2.649	0.679	3.084	1.848
3598	39.489	478.338	710.664	0.328	1.522	2.692	0.516	2.433	1.723	0.636	3.012	1.456
3599	29.211	486.228	644.287	0.492	1.593	3.895	0.613	2.487	2.398	0.726	3.044	2.095
3600	25.744	448.531	687.615	0.953	1.607	5.469	1.462	2.470	4.843	0.965	3.059	2.879
3601	27.205	489.606	649.303	0.605	1.611	4.377	0.684	2.488	2.803	0.822	3.062	2.528
3602	37.205	457.455	652.406	0.339	1.549	2.815	0.527	2.448	1.855	0.642	3.020	1.536
3603	27.725	458.848	650.439	0.748	1.591	4.891	0.797	2.475	3.314	0.751	3.059	2.218
3604	47.121	498.494	668.024	0.313	1.456	2.642	0.506	2.393	1.645	0.624	2.981	1.330
3605	28.577	461.061	614.105	0.624	1.588	4.536	0.555	2.527	2.090	0.782	3.051	2.408

3606	40.291	477.663	668.417	0.326	1.516	2.712	0.515	2.430	1.734	0.635	3.016	1.432
3607	36.525	513.882	675.488	0.334	1.554	2.650	0.522	2.468	1.693	0.639	3.025	1.453
3608	33.120	484.542	661.758	0.347	1.600	2.737	0.529	2.478	1.827	0.648	3.052	1.533
3609	35.726	458.514	635.210	0.341	1.574	2.766	0.525	2.463	1.819	0.641	3.032	1.492
3610	34.937	519.267	711.910	0.336	1.569	2.628	0.522	2.466	1.711	0.641	3.034	1.449
3611	29.428	449.241	584.046	0.635	1.577	4.634	0.608	2.490	2.521	0.660	3.074	1.698
3612	47.987	450.889	699.268	0.310	1.453	2.678	0.504	2.389	1.667	0.625	2.988	1.338
3613	37.171	429.573	660.784	0.339	1.557	2.793	0.524	2.453	1.824	0.638	3.029	1.453
3614	27.348	491.577	630.021	0.899	1.586	5.194	0.817	2.485	3.322	0.866	3.051	2.697
3615	39.310	457.673	651.752	0.332	1.528	2.782	0.520	2.435	1.801	0.634	3.017	1.411
3616	34.941	483.902	632.567	0.340	1.581	2.730	0.524	2.468	1.791	0.640	3.037	1.470
3617	35.853	453.422	661.435	0.338	1.570	2.734	0.523	2.462	1.791	0.640	3.034	1.479
3618	32.304	471.585	654.079	0.461	1.558	3.712	0.531	2.488	1.845	0.648	3.054	1.548
3619	32.995	442.600	626.841	0.523	1.545	4.077	0.532	2.481	1.914	0.652	3.047	1.641
3620	25.976	430.335	695.121	0.954	1.605	5.495	1.058	2.502	3.801	1.059	3.066	3.131
3621	25.840	495.012	637.782	0.826	1.608	5.113	1.257	2.469	4.581	0.948	3.049	3.002
3622	32.310	442.814	663.429	0.512	1.557	3.982	0.816	2.448	3.235	0.652	3.049	1.633
3623	41.263	483.160	627.244	0.324	1.513	2.700	0.513	2.428	1.715	0.631	3.007	1.391
3624	29.782	430.491	736.226	0.500	1.587	3.932	0.540	2.512	1.933	0.785	3.044	2.361
3625	42.056	436.832	676.738	0.327	1.505	2.730	0.515	2.423	1.730	0.632	3.008	1.385
3626	47.500	466.193	656.020	0.311	1.464	2.631	0.504	2.400	1.604	0.626	2.980	1.377
3627	32.842	456.157	660.717	0.350	1.605	2.817	0.533	2.482	1.891	0.650	3.048	1.589
3628	31.921	508.233	710.290	0.350	1.609	2.728	0.530	2.484	1.816	0.647	3.049	1.527
3629	29.972	449.965	663.663	0.493	1.588	3.925	0.553	2.494	2.134	0.659	3.076	1.636
3630	29.897	444.439	641.362	0.525	1.584	4.120	0.543	2.503	2.023	0.655	3.068	1.639
3631	28.599	504.692	693.017	0.552	1.595	4.060	0.626	2.496	2.429	0.776	3.050	2.260
3632	34.083	416.842	642.603	0.354	1.594	2.909	0.538	2.489	1.926	0.647	3.040	1.586
3633	38.568	428.138	687.547	0.330	1.543	2.719	0.517	2.443	1.750	0.640	3.022	1.509
3634	41.599	434.650	630.276	0.325	1.519	2.715	0.511	2.433	1.660	0.637	3.002	1.509
3635	38.224	473.109	603.334	0.332	1.549	2.743	0.517	2.452	1.729	0.638	3.024	1.481
3636	44.940	482.553	671.989	0.313	1.479	2.622	0.506	2.409	1.631	0.626	2.991	1.335
3637	32.982	461.042	628.551	0.366	1.588	3.061	0.532	2.483	1.879	0.646	3.047	1.547
3638	42.658	482.633	665.729	0.373	1.463	3.228	0.510	2.419	1.673	0.632	2.995	1.445
3639	29.132	476.074	633.417	0.574	1.585	4.276	0.544	2.526	1.949	0.773	3.049	2.334
3640	27.335	460.456	655.334	0.638	1.606	4.560	0.754	2.482	3.161	0.899	3.043	2.839
3641	39.375	494.836	630.670	0.331	1.525	2.750	0.519	2.431	1.780	0.634	3.009	1.448
3642	39.937	441.232	559.842	0.331	1.544	2.804	0.518	2.442	1.810	0.639	3.022	1.522
3643	31.520	486.968	652.898	0.347	1.621	2.770	0.529	2.493	1.847	0.649	3.049	1.609
3644	37.137	462.641	671.530	0.336	1.552	2.732	0.522	2.449	1.784	0.640	3.031	1.467
3645	51.820	513.822	614.871	0.304	1.429	2.599	0.500	2.376	1.604	0.619	2.962	1.293
3646	33.495	454.021	670.788	0.354	1.587	2.909	0.539	2.470	1.963	0.648	3.043	1.582
3647	24.667	461.750	651.795	1.395	1.617	6.347	1.255	2.501	4.593	2.430	3.051	6.214
3648	36.720	482.987	599.536	0.343	1.554	2.877	0.532	2.460	1.889	0.637	3.027	1.464
3649	50.381	467.215	693.347	0.305	1.439	2.606	0.500	2.386	1.571	0.624	2.970	1.370

3650	38.966	425.026	639.493	0.337	1.537	2.835	0.526	2.446	1.844	0.635	3.017	1.438
3651	31.054	436.473	633.570	0.497	1.572	3.997	0.534	2.504	1.919	0.652	3.058	1.633
3652	37.910	491.596	657.498	0.331	1.541	2.704	0.519	2.453	1.733	0.639	3.023	1.475
3653	44.043	512.963	695.366	0.316	1.480	2.583	0.508	2.424	1.561	0.629	2.993	1.358
3654	41.352	490.019	656.586	0.435	1.465	3.538	0.516	2.439	1.667	0.633	3.000	1.420
3655	38.286	468.728	670.343	0.331	1.540	2.687	0.517	2.441	1.736	0.636	3.018	1.439
3656	43.339	477.017	691.158	0.369	1.457	3.184	0.511	2.416	1.683	0.630	2.993	1.391
3657	32.363	472.087	668.377	0.351	1.611	2.764	0.532	2.486	1.848	0.649	3.048	1.561
3658	26.071	456.299	694.466	0.953	1.601	5.395	0.681	2.511	2.761	1.052	3.066	3.075
3659	41.389	484.866	649.027	0.329	1.504	2.752	0.519	2.424	1.764	0.631	3.009	1.370
3660	34.504	522.979	687.008	0.339	1.573	2.671	0.524	2.470	1.741	0.641	3.030	1.478
3661	36.981	451.287	701.017	0.337	1.555	2.705	0.522	2.453	1.763	0.638	3.029	1.430
3662	35.410	464.635	642.272	0.341	1.575	2.740	0.523	2.463	1.793	0.643	3.034	1.514
3664	33.988	471.378	633.661	0.362	1.573	3.020	0.546	2.464	2.029	0.668	3.030	1.795
3665	36.757	508.875	674.399	0.332	1.551	2.657	0.520	2.456	1.717	0.638	3.024	1.446
3666	40.445	464.027	648.518	0.328	1.523	2.693	0.516	2.444	1.698	0.634	3.006	1.440
3667	28.929	470.650	637.304	0.504	1.597	3.996	0.633	2.482	2.616	0.708	3.058	1.990
3668	39.330	437.625	657.427	0.331	1.532	2.773	0.519	2.437	1.790	0.633	3.015	1.423
3669	45.166	441.561	686.229	0.315	1.481	2.656	0.508	2.418	1.621	0.628	2.988	1.396
3670	41.191	481.582	698.491	0.323	1.507	2.632	0.513	2.425	1.682	0.631	3.004	1.383
3671	31.776	476.774	636.937	0.401	1.576	3.374	0.533	2.489	1.882	0.651	3.051	1.592
3672	48.033	489.322	640.952	0.310	1.457	2.640	0.505	2.395	1.642	0.623	2.982	1.314
3673	42.047	449.743	670.526	0.325	1.504	2.725	0.515	2.424	1.742	0.632	3.001	1.433
3674	45.367	493.872	663.692	0.339	1.453	2.953	0.506	2.414	1.583	0.626	2.985	1.352
3675	34.853	473.498	611.125	0.343	1.583	2.789	0.529	2.484	1.817	0.643	3.049	1.474
3676	25.761	476.195	638.733	1.174	1.603	5.876	2.525	2.467	6.989	0.814	3.066	2.495
3677	36.903	493.683	643.313	0.434	1.507	3.565	0.525	2.445	1.841	0.643	3.035	1.497
3678	35.049	470.138	681.771	0.340	1.576	2.710	0.524	2.467	1.775	0.640	3.038	1.454
3679	31.309	460.650	649.021	0.439	1.576	3.632	0.535	2.495	1.906	0.663	3.048	1.751
3680	41.270	484.080	760.141	0.322	1.503	2.610	0.512	2.423	1.654	0.629	3.005	1.336
3681	28.781	463.256	662.674	0.672	1.582	4.598	0.554	2.509	2.122	0.661	3.079	1.655
3682	39.545	458.682	624.635	0.331	1.531	2.773	0.521	2.448	1.779	0.635	3.015	1.438
3683	38.909	460.549	607.610	0.329	1.543	2.730	0.514	2.448	1.692	0.637	3.017	1.486
3684	32.631	450.137	693.425	0.347	1.613	2.748	0.526	2.495	1.746	0.647	3.050	1.554
3685	27.702	477.254	674.746	0.735	1.591	4.748	0.686	2.479	2.796	0.757	3.050	2.230
3686	35.781	478.907	684.867	0.338	1.563	2.730	0.523	2.456	1.784	0.638	3.035	1.429
3687	30.902	463.079	637.899	0.373	1.619	3.068	0.537	2.500	1.924	0.655	3.055	1.654
3688	39.393	413.075	632.553	0.332	1.541	2.796	0.520	2.444	1.814	0.635	3.016	1.455
3689	28.980	418.421	662.686	0.909	1.566	5.309	0.658	2.491	2.755	0.898	3.048	2.832
3690	50.858	506.315	667.508	0.305	1.432	2.594	0.501	2.385	1.578	0.623	2.978	1.301
3691	49.226	490.714	632.877	0.312	1.442	2.689	0.508	2.391	1.678	0.622	2.972	1.326
3692	32.737	442.652	631.718	0.357	1.607	2.935	0.539	2.480	1.989	0.651	3.049	1.629
3693	37.767	506.424	695.226	0.330	1.539	2.650	0.517	2.443	1.704	0.636	3.018	1.429
3694	56.749	454.271	595.750	0.301	1.405	2.710	0.500	2.367	1.641	0.620	2.951	1.358

3695	43.623	465.786	609.420	0.350	1.463	3.162	0.525	2.409	1.900	0.637	2.997	1.516
3696	44.921	471.853	624.892	0.315	1.484	2.679	0.506	2.409	1.650	0.630	2.989	1.445
3697	34.837	479.633	621.414	0.374	1.550	3.202	0.525	2.468	1.826	0.646	3.040	1.558
3698	39.713	461.401	683.444	0.327	1.526	2.681	0.516	2.441	1.706	0.632	3.013	1.394
3699	36.746	496.899	715.808	0.333	1.551	2.629	0.519	2.451	1.703	0.639	3.030	1.433
3700	30.192	414.445	595.613	0.530	1.581	4.286	0.544	2.509	2.059	0.731	3.043	2.210
3701	31.625	438.510	666.958	0.428	1.578	3.594	0.536	2.508	1.905	0.649	3.057	1.592
3702	30.473	411.503	692.265	0.546	1.574	4.205	0.542	2.519	1.951	0.654	3.064	1.644
3703	35.324	422.738	659.920	0.343	1.581	2.803	0.527	2.463	1.861	0.646	3.047	1.523
3704	38.866	455.037	696.273	0.328	1.535	2.667	0.515	2.438	1.719	0.638	3.012	1.493
3705	34.876	456.018	689.981	0.342	1.584	2.717	0.525	2.469	1.789	0.641	3.038	1.469
3706	40.771	488.244	695.379	0.324	1.512	2.623	0.512	2.426	1.668	0.635	3.005	1.431
3707	29.230	471.827	703.729	0.560	1.586	4.127	0.646	2.490	2.516	0.710	3.064	1.937
3708	30.007	490.724	652.120	0.545	1.575	4.084	0.543	2.496	1.973	0.655	3.065	1.610
3709	38.777	463.456	691.511	0.331	1.531	2.713	0.520	2.445	1.738	0.635	3.011	1.448
3710	38.032	401.140	683.231	0.335	1.556	2.749	0.520	2.451	1.787	0.640	3.022	1.508
3711	35.138	411.984	679.745	0.342	1.591	2.757	0.525	2.471	1.826	0.644	3.053	1.482
3712	32.484	429.627	657.103	0.352	1.624	2.811	0.533	2.497	1.880	0.648	3.058	1.545
3713	28.884	501.872	750.418	0.682	1.576	4.369	0.633	2.484	2.433	0.698	3.070	1.843
3714	43.339	490.923	638.418	0.325	1.489	2.703	0.515	2.419	1.703	0.632	2.994	1.415
3715	36.658	439.318	654.318	0.337	1.564	2.747	0.521	2.455	1.795	0.644	3.029	1.543
3716	37.360	424.229	613.639	0.337	1.564	2.791	0.521	2.452	1.823	0.643	3.023	1.574
3717	40.486	457.956	676.118	0.323	1.521	2.666	0.512	2.436	1.673	0.635	3.005	1.472
3718	37.320	423.333	706.622	0.335	1.559	2.712	0.518	2.460	1.683	0.640	3.025	1.491
3719	33.222	462.778	625.461	0.348	1.607	2.776	0.529	2.479	1.855	0.652	3.060	1.578
3720	30.847	516.451	676.758	0.394	1.586	3.244	0.532	2.494	1.839	0.650	3.059	1.550
3721	29.797	486.073	665.125	0.469	1.587	3.753	0.543	2.501	1.968	0.660	3.062	1.675
3722	42.988	485.853	682.815	0.321	1.491	2.665	0.512	2.416	1.682	0.630	2.994	1.392
3723	30.430	503.920	648.389	0.356	1.634	2.771	0.538	2.517	1.847	0.656	3.074	1.591
3724	32.169	445.113	614.572	0.472	1.563	3.876	0.537	2.487	1.972	0.653	3.059	1.625
3725	33.682	470.330	716.908	0.388	1.557	3.228	0.605	2.444	2.379	0.642	3.047	1.466
3726	42.915	455.215	687.128	0.323	1.497	2.660	0.514	2.431	1.658	0.631	2.994	1.416
3727	38.833	459.590	707.245	0.330	1.535	2.656	0.517	2.446	1.705	0.634	3.019	1.393
3728	30.892	511.149	655.985	0.354	1.624	2.756	0.533	2.493	1.851	0.652	3.056	1.572
3729	33.008	440.177	715.003	0.352	1.602	2.814	0.533	2.479	1.883	0.648	3.050	1.547
3730	40.702	492.667	671.541	0.325	1.513	2.638	0.513	2.426	1.679	0.632	3.008	1.373
3731	28.001	451.777	599.302	0.611	1.599	4.565	0.821	2.470	3.429	0.669	3.094	1.767
3732	33.949	467.776	684.435	0.377	1.555	3.195	0.529	2.475	1.842	0.642	3.043	1.495
3733	32.804	477.137	668.535	0.349	1.604	2.755	0.531	2.482	1.840	0.649	3.044	1.574
3734	30.181	458.695	680.356	0.521	1.580	4.009	0.542	2.516	1.917	0.659	3.064	1.670
3735	31.967	465.621	618.405	0.356	1.619	2.876	0.535	2.483	1.942	0.710	3.026	2.022
3736	41.797	453.273	662.392	0.323	1.508	2.707	0.512	2.422	1.720	0.631	2.999	1.429
3737	28.247	507.643	619.490	0.643	1.589	4.469	0.541	2.518	1.952	0.659	3.078	1.657
3738	55.550	483.031	651.883	0.301	1.402	2.659	0.497	2.361	1.603	0.618	2.960	1.263

3739	26.062	446.376	693.530	1.070	1.600	5.654	1.008	2.489	3.938	1.511	3.035	4.386
3740	34.320	463.986	676.568	0.350	1.579	2.841	0.536	2.476	1.888	0.648	3.043	1.552
3741	25.929	460.840	628.561	1.549	1.599	6.482	0.851	2.485	3.606	2.350	3.036	5.957
3742	32.094	479.639	740.427	0.356	1.601	2.836	0.537	2.478	1.912	0.646	3.053	1.512
3743	52.932	444.781	718.595	0.306	1.423	2.620	0.499	2.377	1.554	0.622	2.962	1.336
3744	43.907	466.150	686.243	0.354	1.461	3.067	0.517	2.407	1.767	0.631	2.990	1.428
3745	43.707	480.062	639.376	0.319	1.492	2.650	0.509	2.425	1.620	0.633	2.992	1.451
3746	42.236	490.904	667.809	0.320	1.499	2.635	0.511	2.417	1.681	0.632	3.001	1.417
3747	24.513	485.104	642.227	1.348	1.620	6.217	0.963	2.503	3.587	0.783	3.074	2.402
3748	45.729	482.406	648.581	0.372	1.439	3.255	0.514	2.404	1.734	0.629	2.983	1.421
3749	28.959	526.903	669.261	0.620	1.579	4.256	0.663	2.477	2.663	0.662	3.064	1.701
3750	33.106	438.020	651.941	0.398	1.563	3.389	0.537	2.474	1.954	0.647	3.050	1.551
3751	23.832	486.226	639.159	1.610	1.606	6.898	1.143	2.498	4.124	1.104	3.075	3.306
3752	22.560	479.486	574.729	2.282	1.635	7.980	2.242	2.508	6.765	2.507	3.071	6.353
3753	25.876	505.008	628.616	0.912	1.602	5.287	0.704	2.506	2.894	1.486	3.036	4.477
3754	56.927	450.363	682.291	0.301	1.401	2.693	0.501	2.366	1.638	0.617	2.955	1.284
3755	33.979	489.993	698.609	0.366	1.563	3.016	0.755	2.423	2.964	0.810	3.002	2.396
3756	24.570	471.891	603.486	1.408	1.606	6.505	3.150	2.483	8.076	0.921	3.082	2.767
3757	34.199	477.506	671.854	0.348	1.575	2.863	0.536	2.475	1.903	0.653	3.039	1.604
3758	25.950	495.748	626.287	0.947	1.602	5.394	1.108	2.494	3.891	0.929	3.050	2.948
3759	49.899	484.037	665.888	0.311	1.437	2.699	0.504	2.381	1.662	0.621	2.974	1.299
3760	27.477	464.812	658.517	0.620	1.607	4.474	0.855	2.475	3.479	0.785	3.053	2.357
3761	39.739	490.226	670.023	0.410	1.482	3.414	0.518	2.433	1.744	0.637	3.008	1.474
3762	33.214	463.927	620.552	0.500	1.544	3.948	0.529	2.480	1.862	0.647	3.048	1.553
3763	35.887	481.488	623.443	0.337	1.568	2.756	0.522	2.459	1.802	0.645	3.037	1.540
3764	29.814	469.363	656.260	0.534	1.581	4.080	0.538	2.509	1.920	0.749	3.037	2.236
3765	42.255	458.903	723.792	0.323	1.499	2.664	0.512	2.418	1.694	0.629	2.999	1.356
3766	54.122	473.173	666.093	0.302	1.417	2.575	0.500	2.377	1.566	0.621	2.962	1.315
3767	30.575	491.146	676.790	0.418	1.581	3.461	0.555	2.481	2.093	0.677	3.055	1.827
3768	24.463	478.862	744.065	1.020	1.623	5.490	1.938	2.485	5.783	1.384	3.052	3.948
3769	34.376	475.676	659.777	0.356	1.572	2.916	0.544	2.477	1.937	0.651	3.042	1.575
3770	30.785	497.565	646.916	0.421	1.579	3.494	0.537	2.512	1.855	0.654	3.070	1.575
3771	28.549	488.566	621.870	0.647	1.586	4.514	0.547	2.511	2.039	0.710	3.048	2.069
3772	41.898	423.247	653.906	0.326	1.510	2.780	0.515	2.423	1.781	0.631	3.006	1.408
3773	29.220	425.805	647.023	0.585	1.588	4.416	0.540	2.530	1.932	0.865	3.030	2.735
3774	36.371	431.883	669.202	0.340	1.564	2.806	0.531	2.461	1.920	0.641	3.032	1.507
3775	33.333	477.708	652.436	0.345	1.599	2.747	0.527	2.476	1.819	0.646	3.045	1.540
3776	45.985	496.174	686.873	0.340	1.446	2.946	0.506	2.400	1.629	0.627	2.987	1.353
3777	33.880	526.617	670.496	0.344	1.581	2.702	0.528	2.476	1.777	0.646	3.032	1.545
3778	32.191	475.608	655.231	0.353	1.613	2.808	0.534	2.487	1.878	0.650	3.051	1.575
3779	31.662	416.774	656.282	0.358	1.634	2.894	0.537	2.492	1.966	0.652	3.056	1.631
3780	30.183	464.220	662.736	0.525	1.576	4.041	0.628	2.477	2.461	0.749	3.040	2.180
3781	31.822	472.674	698.892	0.434	1.568	3.533	0.535	2.490	1.877	0.650	3.049	1.580
3782	33.319	458.769	660.101	0.461	1.544	3.725	0.532	2.475	1.875	0.650	3.047	1.577

3783	26.027	514.813	671.646	0.831	1.606	4.952	0.911	2.486	3.325	0.865	3.064	2.669
3784	35.783	483.995	653.780	0.345	1.559	2.829	0.531	2.455	1.874	0.638	3.031	1.444
3785	41.743	445.814	655.115	0.324	1.512	2.698	0.513	2.442	1.629	0.634	2.999	1.466
3786	29.965	465.442	663.466	0.546	1.578	4.122	0.684	2.459	2.831	0.658	3.065	1.672
3787	36.317	495.123	720.025	0.336	1.553	2.677	0.524	2.459	1.742	0.637	3.030	1.394
3788	29.290	501.267	645.418	0.477	1.591	3.804	0.544	2.522	1.916	0.717	3.041	2.077
3789	45.383	475.257	651.957	0.338	1.456	2.973	0.509	2.402	1.699	0.628	2.988	1.389
3790	37.020	502.582	605.154	0.335	1.556	2.726	0.520	2.450	1.782	0.642	3.022	1.536
3791	28.797	432.158	653.150	0.567	1.595	4.327	0.544	2.524	2.011	0.665	3.086	1.743
3792	36.385	505.552	730.684	0.335	1.549	2.672	0.522	2.452	1.736	0.636	3.026	1.387
3793	31.459	453.130	721.059	0.358	1.624	2.787	0.537	2.493	1.883	0.653	3.054	1.588
3794	47.790	451.208	662.960	0.315	1.459	2.687	0.506	2.395	1.656	0.626	2.976	1.386
3795	35.603	466.044	668.579	0.341	1.567	2.769	0.526	2.457	1.831	0.641	3.030	1.491
3796	32.554	499.934	602.038	0.460	1.554	3.740	0.530	2.481	1.863	0.651	3.051	1.592
3797	39.234	493.819	702.107	0.326	1.523	2.653	0.515	2.435	1.695	0.634	3.011	1.410
3798	34.488	480.807	590.826	0.345	1.592	2.782	0.528	2.471	1.849	0.645	3.038	1.539
3799	52.891	469.731	646.747	0.301	1.423	2.640	0.499	2.374	1.612	0.619	2.963	1.315
3800	29.880	477.552	678.519	0.469	1.589	3.747	0.557	2.493	2.102	0.664	3.062	1.711
3801	40.283	436.326	708.429	0.329	1.521	2.713	0.517	2.434	1.740	0.638	3.007	1.489
3802	34.917	494.068	678.813	0.434	1.526	3.522	0.523	2.467	1.743	0.640	3.036	1.443
3803	26.997	468.563	673.968	0.941	1.588	5.322	0.713	2.486	2.935	0.768	3.063	2.306
3804	26.311	435.706	630.479	0.950	1.601	5.579	0.932	2.481	3.834	0.891	3.052	2.883
3805	37.716	454.412	581.488	0.338	1.552	2.877	0.524	2.443	1.900	0.641	3.020	1.569
3806	36.878	503.713	623.248	0.331	1.554	2.712	0.516	2.454	1.715	0.638	3.029	1.461
3807	35.707	436.603	727.039	0.339	1.572	2.720	0.523	2.464	1.779	0.640	3.037	1.450
3808	28.379	476.715	614.215	0.583	1.595	4.349	0.546	2.520	2.021	0.662	3.079	1.694
3809	47.967	477.422	640.459	0.312	1.456	2.694	0.506	2.394	1.673	0.624	2.987	1.322
3810	44.816	473.923	645.252	0.318	1.480	2.697	0.510	2.410	1.698	0.631	2.991	1.428
3811	26.753	481.434	617.026	0.875	1.594	5.253	0.829	2.494	3.403	0.766	3.065	2.314
3812	32.752	467.148	685.109	0.353	1.597	2.858	0.536	2.475	1.922	0.655	3.038	1.676
3813	30.796	509.341	615.033	0.356	1.630	2.808	0.536	2.493	1.909	0.654	3.074	1.573
3814	31.288	456.681	610.870	0.466	1.573	3.851	0.537	2.493	1.973	0.651	3.062	1.610
3815	31.784	499.950	638.541	0.350	1.612	2.799	0.531	2.486	1.867	0.651	3.053	1.599
3816	35.147	473.765	650.958	0.364	1.552	3.074	0.525	2.463	1.819	0.640	3.034	1.473
3817	40.442	481.252	691.364	0.324	1.516	2.636	0.513	2.428	1.679	0.631	3.009	1.369
3818	37.224	442.741	670.226	0.335	1.557	2.710	0.521	2.454	1.759	0.640	3.023	1.495
3819	28.231	499.421	662.131	0.534	1.600	4.050	0.607	2.496	2.400	0.773	3.045	2.334
3820	40.947	473.004	664.770	0.327	1.511	2.714	0.516	2.426	1.741	0.633	3.013	1.395
3821	44.991	471.834	602.766	0.323	1.476	2.807	0.509	2.421	1.642	0.628	2.987	1.405
3822	29.373	466.381	642.444	0.603	1.580	4.370	0.539	2.509	1.971	0.655	3.069	1.646
3823	48.272	500.509	583.445	0.311	1.454	2.710	0.507	2.399	1.676	0.626	2.979	1.383
3824	29.248	434.570	696.993	0.590	1.585	4.324	0.577	2.495	2.289	0.740	3.046	2.203
3825	31.828	458.634	635.677	0.358	1.620	2.883	0.538	2.487	1.958	0.648	3.056	1.552
3826	34.235	478.763	629.558	0.344	1.588	2.778	0.527	2.474	1.838	0.836	3.016	2.490

3827	29.978	458.007	667.418	0.496	1.586	3.931	0.539	2.505	1.944	0.671	3.075	1.755
3828	34.271	469.778	689.341	0.484	1.530	3.769	0.528	2.469	1.826	0.643	3.045	1.469
3829	42.374	444.739	697.889	0.322	1.504	2.657	0.512	2.420	1.688	0.630	3.002	1.370
3830	37.385	468.976	656.675	0.334	1.553	2.695	0.519	2.449	1.749	0.637	3.027	1.430
3831	28.553	442.774	709.351	0.612	1.591	4.395	0.699	2.469	2.916	0.752	3.048	2.224
3832	32.618	448.247	656.180	0.356	1.609	2.868	0.536	2.479	1.933	0.662	3.042	1.746
3833	30.853	413.640	695.578	0.571	1.566	4.275	0.648	2.476	2.651	0.657	3.074	1.637
3834	36.570	434.083	648.783	0.339	1.564	2.784	0.524	2.457	1.818	0.639	3.032	1.465
3835	39.586	464.406	695.841	0.326	1.526	2.648	0.517	2.452	1.676	0.634	3.019	1.396
3836	32.496	490.702	643.386	0.397	1.561	3.350	0.530	2.483	1.842	0.653	3.048	1.605
3837	48.932	481.970	671.710	0.309	1.449	2.611	0.505	2.398	1.608	0.622	2.974	1.304
3838	43.198	519.842	647.447	0.417	1.449	3.437	0.512	2.416	1.680	0.629	2.991	1.379
3839	36.810	465.069	700.585	0.336	1.553	2.707	0.522	2.458	1.745	0.644	3.033	1.500
3840	36.769	503.649	651.245	0.335	1.554	2.682	0.520	2.451	1.737	0.640	3.029	1.463
3841	34.310	482.337	683.947	0.342	1.582	2.715	0.760	2.436	2.953	0.814	3.006	2.405
3842	45.111	461.900	704.092	0.317	1.476	2.637	0.506	2.409	1.596	0.628	2.984	1.384
3843	40.658	497.969	652.303	0.325	1.514	2.652	0.513	2.427	1.692	0.637	3.005	1.466
3844	25.208	446.520	659.731	1.016	1.616	5.699	1.100	2.505	3.938	80.207	3.045	55.084
3845	43.627	470.552	708.015	0.323	1.481	2.731	0.514	2.415	1.713	0.629	2.993	1.380
3846	26.197	486.753	700.139	1.027	1.597	5.417	0.711	2.500	2.884	0.972	3.051	3.062
3847	29.093	452.024	728.587	0.533	1.592	4.029	0.694	2.481	2.814	0.757	3.041	2.222
3848	52.901	468.163	633.959	0.307	1.423	2.674	0.503	2.384	1.614	0.622	2.965	1.344
3849	45.963	500.051	721.468	0.329	1.451	2.811	0.511	2.395	1.694	0.627	2.981	1.367
3850	44.269	463.758	636.140	0.332	1.476	2.866	0.512	2.412	1.708	0.631	2.991	1.418
3851	43.377	487.011	690.062	0.319	1.487	2.653	0.508	2.412	1.649	0.628	2.991	1.381
3852	47.824	509.262	671.014	0.311	1.453	2.579	0.503	2.391	1.592	0.627	2.979	1.361
3853	31.469	436.538	630.177	0.363	1.629	2.956	0.544	2.497	2.013	0.654	3.054	1.655
3854	30.081	474.186	677.386	0.488	1.584	3.853	0.627	2.475	2.538	0.660	3.061	1.706
3855	42.740	456.554	627.165	0.324	1.502	2.735	0.515	2.425	1.733	0.634	3.000	1.459
3856	50.736	509.350	626.967	0.308	1.430	2.688	0.504	2.375	1.671	0.624	2.964	1.384
3857	44.785	418.770	744.466	0.320	1.478	2.726	0.514	2.402	1.777	0.628	2.991	1.388
3858	30.895	490.667	678.459	0.356	1.626	2.768	0.537	2.494	1.881	0.652	3.055	1.581
3859	37.126	464.855	684.077	0.337	1.549	2.736	0.523	2.449	1.782	0.643	3.021	1.521
3860	35.341	426.550	683.037	0.342	1.585	2.751	0.525	2.466	1.817	0.644	3.034	1.536
3861	42.390	459.478	693.832	0.321	1.501	2.641	0.510	2.419	1.676	0.631	2.999	1.396
3862	31.374	491.409	695.767	0.477	1.567	3.731	0.534	2.494	1.846	0.651	3.057	1.560
3863	38.927	437.218	682.619	0.333	1.537	2.732	0.520	2.441	1.771	0.641	3.018	1.512
3864	36.909	415.897	684.252	0.336	1.568	2.724	0.522	2.470	1.733	0.639	3.032	1.463
3865	29.955	466.076	659.668	0.540	1.578	4.103	0.537	2.509	1.901	0.766	3.042	2.286
3866	33.453	484.222	665.474	0.347	1.592	2.784	0.530	2.477	1.842	0.650	3.051	1.563
3867	40.794	479.001	645.170	0.417	1.473	3.485	0.516	2.441	1.693	0.636	3.002	1.482
3868	30.434	486.848	674.373	0.456	1.580	3.671	0.537	2.516	1.850	0.654	3.076	1.563
3869	37.700	475.834	642.047	0.336	1.546	2.745	0.521	2.444	1.788	0.640	3.019	1.503
3870	27.789	523.580	636.250	0.625	1.595	4.370	0.626	2.487	2.558	0.734	3.051	2.131

3871	33.655	454.536	622.197	0.354	1.592	2.926	0.536	2.471	1.957	0.648	3.045	1.586
3872	38.348	507.779	728.070	0.381	1.498	3.174	0.516	2.449	1.658	0.633	3.022	1.352
3873	43.430	524.093	643.086	0.378	1.453	3.221	0.509	2.422	1.589	0.628	2.995	1.344
3874	26.882	474.879	673.149	0.847	1.592	5.113	0.673	2.493	2.777	0.773	3.052	2.342
3875	30.928	452.543	629.407	0.367	1.626	3.017	0.546	2.490	2.051	0.653	3.068	1.603
3876	39.749	496.144	642.161	0.352	1.500	3.039	0.516	2.440	1.717	0.632	3.007	1.413
3877	35.436	463.493	619.173	0.341	1.578	2.773	0.526	2.477	1.795	0.642	3.030	1.535
3878	43.007	478.563	659.630	0.319	1.496	2.653	0.510	2.418	1.675	0.630	2.996	1.409
3879	37.985	453.872	692.937	0.332	1.545	2.688	0.520	2.451	1.743	0.636	3.028	1.404
3880	28.817	479.730	742.505	0.554	1.590	4.044	0.656	2.480	2.559	0.761	3.053	2.188
3881	40.028	457.559	701.462	0.332	1.518	2.723	0.520	2.430	1.753	0.639	3.006	1.494
3882	47.679	516.893	650.949	0.311	1.454	2.584	0.504	2.391	1.603	0.627	2.975	1.389
3883	46.595	427.641	701.701	0.317	1.470	2.705	0.510	2.403	1.705	0.630	2.996	1.391
3884	39.659	457.243	649.089	0.330	1.530	2.728	0.518	2.436	1.760	0.633	3.012	1.411
3885	35.960	503.401	685.803	0.334	1.560	2.646	0.521	2.463	1.720	0.637	3.030	1.415
3886	46.229	468.424	632.821	0.321	1.466	2.770	0.509	2.409	1.658	0.628	2.985	1.395
3887	38.572	471.473	661.410	0.331	1.537	2.718	0.517	2.438	1.753	0.635	3.012	1.455
3888	31.721	473.828	700.948	0.475	1.564	3.735	0.532	2.491	1.835	0.648	3.058	1.524
3889	43.968	511.490	644.509	0.323	1.479	2.716	0.510	2.411	1.660	0.629	2.992	1.370
3890	46.315	471.650	712.030	0.313	1.466	2.603	0.507	2.408	1.611	0.628	2.992	1.341
3891	38.015	454.336	642.430	0.337	1.546	2.772	0.522	2.444	1.799	0.639	3.021	1.487
3892	41.499	472.505	674.844	0.321	1.510	2.630	0.510	2.432	1.606	0.630	3.002	1.372
3893	37.774	477.674	624.694	0.333	1.550	2.718	0.519	2.446	1.766	0.638	3.022	1.465
3894	38.616	486.084	685.898	0.327	1.534	2.638	0.514	2.445	1.638	0.638	3.018	1.461
3895	31.853	466.504	688.558	0.506	1.558	3.897	0.534	2.493	1.856	0.650	3.052	1.569
3896	46.503	447.507	700.894	0.322	1.459	2.777	0.507	2.399	1.655	0.626	2.981	1.358
3897	39.935	478.679	686.384	0.328	1.521	2.663	0.516	2.431	1.715	0.632	3.013	1.375
3898	38.170	457.267	628.063	0.333	1.549	2.717	0.519	2.448	1.762	0.637	3.023	1.443
3899	28.621	487.122	714.821	0.587	1.591	4.181	0.539	2.517	1.891	0.748	3.057	2.184
3900	39.724	465.019	699.594	0.331	1.521	2.703	0.519	2.433	1.744	0.641	3.000	1.532
3901	53.792	470.819	727.670	0.301	1.418	2.532	0.498	2.371	1.548	0.618	2.959	1.261
3902	37.229	462.179	640.689	0.350	1.540	2.941	0.537	2.442	1.949	0.647	3.020	1.576
3903	32.741	434.325	703.946	0.348	1.614	2.755	0.530	2.487	1.844	0.648	3.065	1.511
3904	31.036	448.195	650.507	0.359	1.641	2.840	0.539	2.502	1.934	0.657	3.060	1.666
3905	28.786	450.098	675.123	0.601	1.591	4.370	0.699	2.483	2.892	0.663	3.082	1.697
3906	28.352	476.648	637.980	0.797	1.576	4.947	0.926	2.471	3.632	0.722	3.062	2.050
3907	28.705	505.598	653.175	0.502	1.596	3.913	0.675	2.483	2.742	0.699	3.055	1.964
3908	40.118	450.637	680.617	0.330	1.522	2.737	0.518	2.428	1.771	0.638	3.007	1.493
3909	43.823	502.476	710.302	0.316	1.484	2.562	0.506	2.412	1.579	0.626	2.991	1.321
3910	28.809	453.008	636.891	0.522	1.599	4.109	0.651	2.493	2.644	0.664	3.080	1.709
3911	34.473	428.400	645.341	0.347	1.589	2.859	0.531	2.471	1.904	0.648	3.041	1.597
3912	35.222	496.237	673.134	0.337	1.570	2.686	0.522	2.463	1.752	0.640	3.028	1.484
3913	26.263	479.927	650.549	1.349	1.593	6.107	0.689	2.509	2.783	0.912	3.052	2.891
3914	46.297	426.221	589.665	0.320	1.475	2.841	0.513	2.408	1.787	0.629	2.983	1.468

3915	38.973	525.626	628.805	0.326	1.526	2.706	0.517	2.452	1.699	0.635	3.021	1.414
3916	34.239	443.836	659.555	0.344	1.592	2.767	0.529	2.488	1.809	0.645	3.038	1.543
3917	36.165	466.861	657.321	0.337	1.565	2.724	0.521	2.457	1.777	0.640	3.042	1.430
3918	36.321	484.043	601.291	0.337	1.567	2.741	0.521	2.458	1.786	0.645	3.032	1.548
3919	37.967	506.903	649.400	0.329	1.540	2.673	0.515	2.450	1.658	0.634	3.016	1.425
3920	28.636	497.126	634.074	0.707	1.579	4.639	0.542	2.513	1.967	0.712	3.054	2.004
3921	48.638	482.008	619.202	0.312	1.450	2.716	0.506	2.393	1.675	0.625	2.975	1.375
3922	26.551	496.916	620.602	0.816	1.598	5.069	0.876	2.484	3.548	0.895	3.054	2.819
3923	54.829	513.022	718.530	0.300	1.403	2.561	0.498	2.363	1.570	0.616	2.955	1.230
3924	29.501	472.371	683.971	0.505	1.589	3.921	0.574	2.500	2.203	0.820	3.041	2.503
3925	35.479	467.658	656.943	0.443	1.522	3.618	0.528	2.465	1.830	0.648	3.029	1.585
3926	39.429	450.370	687.698	0.329	1.530	2.693	0.515	2.436	1.719	0.635	3.008	1.452
3927	27.470	462.504	703.659	0.667	1.602	4.538	1.595	2.454	4.999	0.760	3.054	2.220
3928	47.510	480.561	658.691	0.315	1.457	2.671	0.508	2.399	1.660	0.625	2.983	1.319
3929	49.049	428.020	644.542	0.313	1.454	2.739	0.506	2.391	1.706	0.625	2.986	1.340
3930	36.937	444.135	661.601	0.337	1.557	2.771	0.522	2.450	1.813	0.640	3.025	1.509
3931	46.705	454.971	621.107	0.314	1.473	2.691	0.507	2.402	1.688	0.627	2.984	1.404
3932	32.210	467.931	641.073	0.387	1.579	3.280	0.537	2.476	2.006	0.649	3.053	1.583
3933	35.095	486.515	697.631	0.339	1.570	2.703	0.525	2.472	1.755	0.640	3.035	1.453
3934	37.151	446.714	671.823	0.336	1.556	2.718	0.521	2.451	1.767	0.643	3.028	1.509
3935	39.182	492.835	674.380	0.327	1.529	2.643	0.515	2.440	1.674	0.634	3.020	1.380
3936	46.021	473.090	665.997	0.315	1.472	2.628	0.506	2.406	1.619	0.628	2.985	1.381
3937	39.199	412.472	688.140	0.460	1.486	3.748	0.519	2.441	1.781	0.640	3.016	1.516
3938	32.459	432.557	648.963	0.350	1.622	2.789	0.530	2.486	1.871	0.651	3.063	1.575
3939	38.854	465.809	620.778	0.330	1.539	2.742	0.517	2.443	1.762	0.639	3.012	1.524
3940	25.894	501.800	669.076	0.756	1.612	4.864	0.836	2.506	3.356	0.945	3.050	2.840
3941	37.755	474.603	636.501	0.341	1.539	2.844	0.527	2.441	1.855	0.641	3.029	1.484
3942	40.063	507.399	672.525	0.324	1.519	2.617	0.513	2.430	1.674	0.632	3.006	1.390
3943	29.934	434.821	646.353	0.502	1.589	4.034	0.572	2.494	2.262	0.726	3.050	2.141
3944	30.085	493.615	669.744	0.487	1.579	3.827	0.677	2.467	2.785	0.657	3.074	1.616
3945	38.888	505.225	664.949	0.331	1.528	2.698	0.518	2.438	1.733	0.634	3.021	1.380
3946	32.167	435.027	690.170	0.353	1.622	2.798	0.534	2.491	1.882	0.650	3.062	1.549
3947	35.692	435.690	581.771	0.343	1.586	2.840	0.527	2.467	1.883	0.642	3.039	1.522
3948	37.747	437.024	691.223	0.331	1.549	2.726	0.515	2.452	1.687	0.637	3.017	1.496
3949	46.340	477.745	648.934	0.313	1.470	2.616	0.505	2.400	1.627	0.625	2.985	1.338
3950	29.360	437.331	639.177	0.598	1.583	4.438	0.542	2.514	1.984	0.655	3.082	1.611
3951	44.410	468.376	685.375	0.317	1.480	2.677	0.509	2.412	1.673	0.626	2.992	1.338
3952	45.150	510.002	640.867	0.315	1.477	2.608	0.508	2.406	1.643	0.630	2.991	1.392
3953	30.051	521.832	639.594	0.464	1.578	3.715	0.537	2.499	1.899	0.657	3.068	1.620
3954	30.003	461.744	652.886	0.486	1.585	3.891	0.567	2.490	2.204	0.658	3.076	1.635
3955	33.114	473.455	675.698	0.348	1.597	2.787	0.531	2.476	1.867	0.650	3.053	1.563
3956	51.021	507.702	669.681	0.305	1.434	2.546	0.499	2.381	1.532	0.621	2.976	1.262
3957	37.651	442.067	650.045	0.342	1.546	2.859	0.530	2.451	1.876	0.636	3.023	1.438
3958	40.692	468.404	647.801	0.333	1.511	2.827	0.514	2.435	1.705	0.633	3.017	1.385

3959	43.744	455.067	666.399	0.399	1.452	3.414	0.509	2.413	1.679	0.630	2.995	1.408
3960	41.280	456.219	627.798	0.426	1.471	3.577	0.514	2.429	1.728	0.637	3.011	1.483
3961	36.415	484.109	628.288	0.334	1.563	2.720	0.522	2.468	1.756	0.643	3.031	1.529
3962	31.544	483.273	673.334	0.454	1.563	3.674	0.691	2.457	2.767	0.651	3.054	1.587
3963	41.419	490.087	680.372	0.324	1.505	2.653	0.513	2.424	1.689	0.630	3.004	1.362
3964	32.488	474.754	652.926	0.349	1.611	2.761	0.531	2.483	1.855	0.652	3.053	1.597
3965	30.832	490.179	617.392	0.488	1.572	3.890	0.537	2.495	1.930	0.654	3.059	1.633
3966	40.662	429.598	611.642	0.329	1.527	2.794	0.517	2.431	1.803	0.635	3.007	1.484
3967	33.700	483.139	662.112	0.412	1.544	3.452	0.523	2.481	1.734	0.736	3.019	2.116
3968	27.676	554.802	672.251	0.539	1.601	3.976	0.660	2.491	2.590	0.802	3.048	2.402
3969	30.992	488.390	703.228	0.428	1.579	3.476	0.546	2.488	1.971	0.731	3.045	2.059
3970	30.546	477.960	642.644	0.452	1.581	3.688	0.542	2.496	1.969	0.659	3.061	1.668
3971	36.355	485.233	699.288	0.337	1.555	2.706	0.523	2.460	1.753	0.638	3.027	1.436
3972	36.480	495.186	616.896	0.337	1.561	2.724	0.522	2.457	1.771	0.641	3.026	1.502
3973	39.302	479.260	708.483	0.380	1.491	3.220	0.512	2.442	1.609	0.632	3.014	1.373
3974	50.414	472.293	690.558	0.307	1.439	2.585	0.502	2.384	1.598	0.622	2.971	1.312
3975	34.579	464.837	644.585	0.350	1.577	2.873	0.536	2.475	1.900	0.648	3.046	1.557
3976	23.616	463.684	643.600	1.532	1.621	6.824	1.005	2.523	4.031	3.189	3.057	7.362
3977	28.202	448.994	707.011	0.668	1.590	4.557	0.836	2.478	3.349	0.913	3.049	2.815
3978	34.091	446.067	661.641	0.350	1.587	2.839	0.534	2.477	1.882	0.646	3.039	1.546
3979	35.454	432.271	599.587	0.343	1.587	2.825	0.526	2.468	1.863	0.644	3.035	1.566
3980	36.033	445.833	675.619	0.336	1.570	2.729	0.518	2.464	1.722	0.639	3.037	1.464
3981	35.161	477.939	648.062	0.339	1.577	2.718	0.524	2.467	1.782	0.642	3.037	1.486
3982	41.040	476.011	699.941	0.323	1.510	2.632	0.512	2.425	1.674	0.631	3.006	1.365
3983	50.190	525.564	688.726	0.307	1.433	2.541	0.502	2.394	1.527	0.624	2.964	1.355
3984	24.508	466.595	696.179	1.497	1.617	6.374	1.000	2.504	3.661	1.082	3.077	3.182
3985	29.124	462.298	716.789	0.517	1.593	3.965	0.624	2.492	2.484	0.821	3.045	2.486
3986	50.817	449.358	694.041	0.310	1.436	2.663	0.505	2.392	1.621	0.622	2.976	1.301
3987	45.197	437.033	614.538	0.322	1.483	2.790	0.513	2.404	1.778	0.631	2.986	1.472
3988	34.258	480.997	656.549	0.372	1.553	3.158	0.566	2.452	2.173	0.642	3.039	1.507
3989	39.109	471.137	654.091	0.330	1.533	2.698	0.516	2.436	1.737	0.640	3.022	1.488
3990	39.639	435.153	635.140	0.330	1.537	2.728	0.517	2.441	1.755	0.635	3.017	1.434
3991	28.024	456.306	640.818	0.745	1.586	4.869	0.727	2.484	2.972	0.832	3.044	2.602
3992	40.045	437.563	606.834	0.331	1.529	2.823	0.521	2.441	1.821	0.633	3.012	1.445
3993	32.477	499.085	729.258	0.433	1.556	3.470	0.664	2.451	2.608	0.709	3.030	1.928
3994	57.959	482.975	677.611	0.298	1.397	2.562	0.495	2.358	1.527	0.616	2.949	1.257
3995	43.712	446.177	652.633	0.339	1.475	2.975	0.533	2.401	1.951	0.643	2.992	1.557
3996	37.441	480.990	663.019	0.360	1.523	3.064	0.519	2.453	1.734	0.638	3.025	1.457
3997	30.782	455.395	648.198	0.473	1.578	3.830	0.536	2.498	1.920	0.650	3.063	1.568
3998	38.419	447.159	636.543	0.333	1.545	2.765	0.520	2.443	1.795	0.640	3.015	1.532
3999	30.169	471.315	664.990	0.483	1.583	3.844	0.642	2.467	2.630	0.654	3.066	1.610
4000	33.459	444.234	575.116	0.349	1.610	2.896	0.527	2.489	1.839	0.644	3.052	1.551
4001	53.937	450.053	663.700	0.301	1.416	2.695	0.497	2.376	1.565	0.619	2.968	1.290
4002	55.247	441.290	646.477	0.307	1.409	2.782	0.499	2.370	1.612	0.618	2.958	1.311

4003	29.246	452.618	661.808	0.547	1.590	4.176	0.654	2.484	2.592	0.742	3.051	2.126
4004	36.088	472.584	683.033	0.339	1.559	2.743	0.520	2.459	1.708	0.637	3.029	1.431
4005	41.609	482.704	703.460	0.322	1.505	2.610	0.511	2.440	1.564	0.630	3.003	1.357
4006	48.161	451.666	676.446	0.312	1.460	2.621	0.503	2.399	1.562	0.625	2.983	1.323
4007	42.930	465.334	661.265	0.322	1.496	2.687	0.509	2.422	1.628	0.630	3.008	1.349
4008	36.008	439.092	615.475	0.340	1.578	2.779	0.521	2.472	1.736	0.640	3.032	1.492
4009	39.118	448.137	699.514	0.327	1.533	2.678	0.513	2.444	1.646	0.634	3.023	1.387
4010	27.519	484.073	687.249	0.701	1.596	4.613	0.634	2.501	2.493	0.789	3.053	2.291
4011	26.343	495.811	676.752	0.946	1.595	5.284	0.667	2.500	2.666	0.742	3.069	2.137
4012	30.913	462.901	640.542	0.366	1.626	2.973	0.541	2.508	1.898	0.650	3.067	1.553
4013	35.197	477.300	652.141	0.341	1.573	2.763	0.522	2.471	1.725	0.640	3.042	1.452
4014	53.200	485.546	645.889	0.302	1.421	2.598	0.499	2.387	1.505	0.619	2.963	1.280
4015	29.225	442.304	704.923	0.560	1.589	4.182	0.603	2.491	2.350	0.709	3.052	1.977
4016	42.241	530.347	639.816	0.322	1.495	2.648	0.511	2.431	1.586	0.628	2.997	1.352
4017	34.398	474.591	680.247	0.343	1.581	2.741	0.522	2.473	1.717	0.641	3.039	1.459
4018	45.397	492.183	654.502	0.315	1.475	2.623	0.507	2.422	1.550	0.627	2.996	1.324
4019	36.332	431.155	645.948	0.340	1.569	2.780	0.520	2.464	1.736	0.639	3.031	1.470
4020	32.763	449.040	642.334	0.349	1.614	2.791	0.527	2.495	1.773	0.646	3.058	1.520
4021	35.768	496.210	714.324	0.336	1.560	2.670	0.518	2.464	1.649	0.637	3.028	1.410
4022	46.017	472.234	729.959	0.314	1.469	2.579	0.504	2.405	1.538	0.626	2.987	1.316
4023	40.017	461.645	695.909	0.330	1.520	2.691	0.516	2.447	1.626	0.633	3.013	1.382
4024	23.117	478.165	654.989	1.855	1.622	7.312	0.979	2.516	3.699	1.085	3.075	3.218
4025	35.665	452.039	622.072	0.351	1.563	2.955	0.531	2.473	1.831	0.642	3.043	1.485
4026	35.686	449.578	649.797	0.338	1.575	2.750	0.520	2.470	1.717	0.639	3.034	1.469
4027	31.931	448.803	664.149	0.352	1.623	2.792	0.529	2.503	1.778	0.647	3.055	1.535
4028	24.188	470.888	646.050	2.311	1.615	7.648	0.937	2.518	3.520	0.977	3.064	2.968
4029	27.905	451.138	654.601	0.622	1.601	4.504	0.669	2.492	2.691	0.719	3.077	2.028
4030	37.639	478.266	634.223	0.336	1.545	2.779	0.518	2.450	1.716	0.636	3.025	1.431
4031	28.150	514.006	634.300	0.527	1.600	4.046	0.604	2.496	2.351	0.708	3.063	1.957
4032	35.003	512.524	651.371	0.343	1.566	2.784	0.524	2.466	1.737	0.639	3.038	1.434
4033	37.282	463.856	648.054	0.335	1.554	2.725	0.518	2.457	1.687	0.637	3.023	1.444
4034	43.405	502.084	605.638	0.427	1.450	3.557	0.507	2.420	1.609	0.628	2.994	1.372
4035	37.779	467.769	697.283	0.331	1.542	2.685	0.515	2.450	1.654	0.634	3.019	1.404
4036	42.605	479.192	642.119	0.322	1.503	2.650	0.509	2.426	1.609	0.629	2.998	1.375
4037	44.538	482.672	678.238	0.316	1.481	2.619	0.505	2.412	1.571	0.627	2.993	1.336
4038	34.813	507.212	624.558	0.342	1.576	2.743	0.522	2.469	1.719	0.641	3.042	1.455
4039	34.651	477.915	643.900	0.341	1.583	2.746	0.522	2.473	1.724	0.641	3.038	1.473
4040	34.087	514.207	692.460	0.341	1.579	2.679	0.522	2.477	1.673	0.648	3.041	1.508
4041	22.305	479.484	669.814	2.751	1.633	8.625	1.372	2.514	4.514	1.594	3.076	4.244
4042	32.554	466.905	662.782	0.376	1.582	3.135	0.540	2.482	1.913	0.650	3.051	1.553
4043	35.466	493.842	670.093	0.338	1.567	2.706	0.520	2.467	1.684	0.638	3.031	1.438
4044	49.399	443.065	672.314	0.310	1.450	2.662	0.502	2.395	1.567	0.623	2.973	1.331
4045	40.992	491.065	629.416	0.327	1.512	2.735	0.514	2.440	1.644	0.632	3.014	1.369
4046	48.678	497.855	660.114	0.307	1.450	2.580	0.501	2.395	1.536	0.622	2.977	1.298

4047	32.199	467.074	658.206	0.356	1.609	2.867	0.532	2.491	1.826	0.646	3.058	1.510
4048	32.518	460.916	694.878	0.350	1.610	2.764	0.528	2.491	1.759	0.646	3.055	1.497
4049	37.933	493.164	613.829	0.333	1.546	2.715	0.517	2.454	1.679	0.636	3.023	1.432
4050	42.454	474.152	649.754	0.320	1.503	2.659	0.508	2.425	1.613	0.628	2.999	1.372
4051	31.276	483.510	641.158	0.353	1.626	2.797	0.530	2.505	1.785	0.648	3.065	1.526
4052	26.521	499.984	635.334	0.754	1.605	4.841	0.675	2.496	2.721	0.714	3.080	2.008
4053	39.972	454.153	656.202	0.333	1.521	2.804	0.516	2.438	1.709	0.632	3.011	1.406
4054	40.855	488.571	720.862	0.321	1.512	2.581	0.512	2.444	1.561	0.631	3.011	1.339
4055	44.628	442.611	605.349	0.321	1.493	2.714	0.508	2.417	1.640	0.630	3.001	1.389
4056	35.909	442.033	688.541	0.337	1.573	2.740	0.519	2.467	1.714	0.640	3.047	1.433
4057	31.173	521.697	671.917	0.473	1.562	3.696	0.528	2.499	1.727	0.647	3.057	1.495
4058	34.364	425.858	673.486	0.349	1.590	2.829	0.527	2.479	1.780	0.644	3.044	1.503
4059	26.436	486.874	661.960	0.699	1.611	4.709	0.669	2.501	2.696	0.737	3.069	2.133
4060	48.699	464.244	692.564	0.313	1.447	2.679	0.504	2.399	1.577	0.623	2.979	1.305
4061	34.487	407.623	648.113	0.350	1.592	2.893	0.528	2.478	1.832	0.644	3.045	1.524
4062	35.466	439.195	629.052	0.340	1.581	2.781	0.521	2.476	1.734	0.642	3.048	1.476
4063	33.556	440.238	627.825	0.346	1.606	2.812	0.526	2.491	1.778	0.644	3.049	1.527
4064	35.183	503.426	747.815	0.337	1.571	2.630	0.519	2.471	1.638	0.638	3.040	1.394
4065	32.445	457.999	622.574	0.355	1.616	2.844	0.531	2.491	1.819	0.649	3.050	1.562
4066	36.713	449.875	655.767	0.335	1.561	2.743	0.518	2.461	1.709	0.639	3.043	1.428
4067	34.590	466.465	649.971	0.341	1.586	2.732	0.522	2.476	1.716	0.642	3.042	1.478
4068	37.587	453.380	664.811	0.333	1.550	2.714	0.516	2.453	1.676	0.636	3.023	1.429
4069	38.111	406.204	700.391	0.334	1.554	2.741	0.517	2.459	1.691	0.636	3.022	1.452
4070	33.399	454.870	618.666	0.347	1.608	2.785	0.526	2.493	1.761	0.645	3.046	1.529
4071	37.731	480.179	678.059	0.330	1.542	2.691	0.515	2.449	1.658	0.635	3.022	1.406
4072	43.248	441.815	600.014	0.323	1.505	2.743	0.510	2.429	1.660	0.631	3.007	1.403
4073	40.081	453.705	679.819	0.325	1.525	2.680	0.511	2.441	1.640	0.631	3.010	1.392
4074	38.607	459.842	610.215	0.332	1.547	2.726	0.516	2.452	1.685	0.636	3.021	1.446
4075	42.013	445.848	677.673	0.321	1.508	2.668	0.511	2.437	1.617	0.631	3.015	1.363
4076	31.529	451.073	691.736	0.355	1.628	2.787	0.531	2.510	1.769	0.648	3.062	1.525
4077	32.096	471.566	677.125	0.353	1.610	2.800	0.530	2.495	1.773	0.646	3.053	1.510
4078	28.846	450.155	659.581	0.557	1.595	4.233	0.543	2.536	1.895	0.768	3.048	2.238
4079	37.115	433.697	597.350	0.340	1.563	2.858	0.521	2.460	1.782	0.638	3.027	1.492
4080	50.459	460.069	618.453	0.306	1.443	2.702	0.500	2.390	1.595	0.621	2.973	1.334
4081	49.102	490.209	650.086	0.311	1.442	2.701	0.502	2.395	1.570	0.621	2.973	1.306
4082	40.007	458.620	637.094	0.331	1.523	2.778	0.515	2.439	1.693	0.632	3.011	1.407
4083	54.654	448.701	637.000	0.302	1.415	2.699	0.497	2.373	1.573	0.619	2.965	1.294
4084	38.336	479.672	660.396	0.341	1.527	2.867	0.521	2.441	1.755	0.634	3.016	1.418
4085	22.774	512.339	634.159	1.709	1.651	6.738	0.951	2.528	3.565	1.310	3.061	3.701
4086	37.872	465.763	644.934	0.371	1.513	3.205	0.524	2.443	1.797	0.637	3.022	1.442
4087	45.918	483.103	706.451	0.312	1.470	2.577	0.504	2.407	1.551	0.625	2.988	1.311
4088	32.060	441.636	645.505	0.358	1.619	2.883	0.534	2.495	1.851	0.650	3.065	1.539
4089	35.157	474.435	651.582	0.340	1.575	2.752	0.521	2.471	1.717	0.640	3.038	1.458
4090	34.909	452.500	583.708	0.345	1.592	2.828	0.524	2.478	1.784	0.642	3.038	1.527

4091	46.164	518.261	646.562	0.311	1.463	2.635	0.503	2.403	1.575	0.623	2.982	1.314
4092	34.787	458.600	684.175	0.343	1.578	2.761	0.523	2.470	1.741	0.641	3.040	1.457
4093	39.359	450.882	634.581	0.331	1.536	2.727	0.515	2.445	1.675	0.635	3.017	1.430
4094	39.153	432.688	591.042	0.332	1.546	2.788	0.516	2.452	1.720	0.635	3.018	1.468
4095	37.535	457.688	667.449	0.330	1.551	2.705	0.515	2.453	1.679	0.634	3.023	1.423
4096	31.248	485.990	680.735	0.453	1.568	3.654	0.530	2.506	1.748	0.648	3.062	1.513
4097	47.432	452.624	693.116	0.314	1.459	2.663	0.505	2.410	1.558	0.625	2.984	1.328
4098	34.317	452.888	653.956	0.347	1.584	2.824	0.526	2.474	1.775	0.644	3.053	1.471
4099	46.240	476.624	681.154	0.313	1.467	2.623	0.506	2.416	1.547	0.625	2.988	1.316
4100	31.939	461.211	641.860	0.489	1.560	3.886	0.541	2.501	1.896	0.647	3.055	1.538
4101	50.429	432.371	659.492	0.309	1.443	2.712	0.501	2.391	1.591	0.622	2.974	1.336
4102	32.951	519.804	694.855	0.349	1.588	2.765	0.538	2.473	1.860	0.641	3.047	1.436
4103	30.402	456.831	653.594	0.470	1.583	3.806	0.537	2.512	1.854	0.654	3.080	1.562
4104	40.875	427.001	659.342	0.328	1.521	2.754	0.513	2.438	1.680	0.633	3.011	1.413
4105	37.677	497.887	641.508	0.332	1.545	2.707	0.515	2.452	1.653	0.635	3.019	1.419
4106	30.932	428.076	661.337	0.474	1.580	3.863	0.534	2.517	1.834	0.650	3.065	1.579
4107	24.975	478.064	659.452	0.982	1.617	5.536	0.876	2.509	3.313	0.944	3.062	2.827
4108	35.176	479.127	623.536	0.438	1.528	3.626	0.527	2.467	1.808	0.640	3.036	1.470
4109	46.268	453.680	623.565	0.315	1.475	2.711	0.504	2.407	1.620	0.625	2.985	1.367
4110	38.647	456.346	684.399	0.330	1.536	2.712	0.515	2.448	1.663	0.633	3.016	1.404
4111	37.223	483.626	611.514	0.335	1.557	2.721	0.517	2.456	1.688	0.638	3.027	1.450
4112	32.059	454.160	636.019	0.492	1.558	3.928	0.529	2.503	1.787	0.647	3.059	1.538
4113	23.409	482.460	630.711	2.947	1.617	8.677	0.941	2.516	3.613	0.823	3.092	2.545
4114	36.161	468.528	649.871	0.346	1.553	2.901	0.526	2.455	1.804	0.640	3.046	1.432
4115	27.438	452.117	666.766	0.607	1.609	4.460	0.650	2.508	2.601	0.740	3.068	2.146
4116	47.006	466.549	634.822	0.316	1.461	2.731	0.505	2.402	1.615	0.624	2.981	1.346
4117	44.200	465.595	652.540	0.318	1.487	2.681	0.507	2.416	1.614	0.627	2.992	1.356
4118	46.991	453.418	711.047	0.312	1.463	2.616	0.503	2.404	1.555	0.624	2.984	1.316
4119	31.841	454.768	592.506	0.359	1.627	2.914	0.535	2.502	1.876	0.649	3.060	1.576
4120	49.204	457.929	643.453	0.308	1.448	2.700	0.501	2.393	1.595	0.622	2.976	1.332
4121	36.590	506.376	634.417	0.337	1.553	2.755	0.520	2.458	1.711	0.636	3.027	1.419
4122	33.511	486.521	639.423	0.344	1.595	2.749	0.524	2.484	1.734	0.643	3.045	1.491
4123	49.464	457.184	665.987	0.309	1.446	2.661	0.501	2.392	1.561	0.622	2.975	1.320
4124	38.903	499.242	653.360	0.331	1.528	2.726	0.516	2.444	1.670	0.634	3.026	1.375
4125	37.832	486.503	643.427	0.436	1.498	3.578	0.516	2.451	1.668	0.637	3.031	1.410
4126	33.965	473.469	627.026	0.344	1.594	2.768	0.524	2.482	1.740	0.643	3.045	1.496
4127	31.180	458.837	677.217	0.355	1.633	2.806	0.532	2.509	1.794	0.649	3.066	1.532
4128	32.874	464.239	686.081	0.349	1.602	2.777	0.527	2.486	1.760	0.644	3.049	1.493
4129	30.849	538.711	756.627	0.374	1.601	2.945	0.543	2.490	1.854	0.652	3.058	1.518
4130	47.274	520.667	644.232	0.315	1.457	2.596	0.504	2.399	1.547	0.625	2.980	1.313
4131	25.691	431.077	655.168	0.953	1.610	5.575	0.673	2.517	2.794	0.931	3.076	2.775
4132	47.573	426.119	722.220	0.315	1.457	2.736	0.505	2.400	1.621	0.624	2.981	1.338
4133	41.975	485.004	646.621	0.323	1.505	2.672	0.510	2.426	1.619	0.630	3.000	1.372
4134	33.387	404.760	617.075	0.352	1.615	2.885	0.529	2.495	1.834	0.647	3.054	1.562

4135	33.757	432.986	647.971	0.345	1.601	2.802	0.524	2.486	1.769	0.642	3.044	1.514
4136	36.412	441.512	638.503	0.337	1.568	2.760	0.519	2.468	1.717	0.639	3.033	1.469
4137	40.461	473.233	672.783	0.324	1.519	2.653	0.511	2.437	1.627	0.632	3.014	1.374
4138	34.758	455.589	668.301	0.342	1.583	2.738	0.522	2.473	1.718	0.642	3.041	1.472
4139	32.967	461.147	690.088	0.348	1.605	2.753	0.526	2.488	1.744	0.644	3.049	1.495
4140	33.025	424.354	664.343	0.352	1.614	2.822	0.529	2.493	1.800	0.647	3.055	1.537
4141	30.045	460.351	605.927	0.405	1.607	3.453	0.589	2.483	2.320	0.721	3.056	2.032
4142	41.127	519.010	633.628	0.323	1.505	2.701	0.511	2.436	1.619	0.629	3.003	1.366
4143	33.616	453.107	642.787	0.347	1.600	2.793	0.526	2.488	1.762	0.643	3.045	1.510
4144	33.881	461.929	646.964	0.345	1.594	2.783	0.524	2.481	1.755	0.644	3.054	1.480
4145	28.844	495.944	664.259	0.610	1.584	4.300	0.607	2.496	2.337	0.701	3.062	1.908
4146	23.680	486.613	656.450	1.210	1.624	6.128	0.920	2.525	3.452	0.967	3.070	2.927
4147	26.037	439.915	710.393	0.924	1.602	5.362	0.903	2.501	3.330	0.942	3.056	2.799
4148	27.721	462.510	614.970	0.599	1.605	4.473	0.662	2.494	2.683	0.734	3.061	2.146
4149	29.963	474.701	604.403	0.461	1.589	3.819	0.537	2.509	1.919	0.650	3.069	1.584
4150	38.492	488.969	611.997	0.331	1.538	2.762	0.515	2.449	1.692	0.634	3.021	1.421
4151	36.959	462.606	640.978	0.334	1.559	2.721	0.517	2.458	1.694	0.637	3.029	1.445
4152	29.812	484.493	633.227	0.359	1.651	2.822	0.535	2.521	1.821	0.651	3.068	1.575
4153	28.534	505.023	653.274	0.596	1.588	4.265	0.595	2.498	2.287	0.700	3.062	1.909
4154	33.227	525.458	658.867	0.349	1.585	2.783	0.620	2.448	2.327	0.642	3.043	1.456
4155	39.787	480.730	682.718	0.328	1.522	2.668	0.513	2.440	1.626	0.633	3.017	1.378
4156	38.822	466.580	647.223	0.330	1.539	2.687	0.515	2.450	1.651	0.635	3.018	1.418
4157	42.349	458.681	687.420	0.320	1.504	2.632	0.508	2.425	1.604	0.630	3.008	1.354
4158	47.357	522.625	706.588	0.310	1.455	2.523	0.503	2.405	1.487	0.622	2.978	1.277
4159	44.276	444.530	688.372	0.322	1.487	2.700	0.510	2.416	1.632	0.630	3.003	1.348
4160	34.216	517.336	633.856	0.342	1.582	2.712	0.523	2.476	1.706	0.641	3.041	1.459
4161	38.318	491.299	637.380	0.331	1.540	2.699	0.515	2.450	1.658	0.634	3.016	1.418
4162	34.843	455.176	617.723	0.342	1.587	2.779	0.522	2.476	1.745	0.641	3.037	1.499
4163	32.710	463.840	671.641	0.347	1.607	2.764	0.525	2.491	1.747	0.644	3.049	1.503
4164	30.512	524.868	612.784	0.432	1.579	3.558	0.533	2.507	1.797	0.650	3.075	1.515
4165	34.612	466.225	671.040	0.344	1.578	2.788	0.523	2.471	1.741	0.641	3.041	1.461
4166	36.253	484.982	689.473	0.336	1.560	2.669	0.518	2.461	1.663	0.637	3.028	1.422
4167	39.155	499.872	653.533	0.328	1.529	2.653	0.514	2.450	1.612	0.635	3.021	1.386
4168	38.397	476.513	681.294	0.330	1.538	2.662	0.514	2.447	1.637	0.635	3.019	1.403
4169	45.576	502.690	615.169	0.315	1.474	2.657	0.506	2.408	1.600	0.625	2.985	1.347
4170	32.284	451.967	660.894	0.403	1.570	3.412	0.529	2.496	1.797	0.645	3.056	1.515
4171	42.069	514.653	644.399	0.321	1.499	2.646	0.508	2.423	1.595	0.628	2.997	1.359
4172	45.673	505.387	699.026	0.313	1.470	2.563	0.503	2.405	1.535	0.624	2.984	1.305
4173	60.539	485.049	619.716	0.297	1.371	2.713	0.493	2.361	1.497	0.616	2.948	1.274
4174	25.477	509.922	658.977	0.917	1.607	5.256	0.721	2.507	2.858	0.829	3.071	2.435
4175	45.782	457.104	626.549	0.321	1.470	2.790	0.508	2.404	1.665	0.627	2.994	1.351
4176	25.787	461.385	667.947	0.929	1.606	5.408	0.692	2.524	2.770	0.896	3.070	2.647
4177	33.063	510.867	654.358	0.352	1.586	2.848	0.530	2.480	1.789	0.642	3.045	1.465
4178	29.603	452.457	709.403	0.471	1.594	3.767	0.538	2.518	1.845	0.691	3.061	1.853

4179	32.283	497.827	700.420	0.436	1.558	3.504	0.530	2.489	1.755	0.647	3.063	1.462
4180	32.047	434.865	658.321	0.358	1.621	2.869	0.532	2.494	1.836	0.649	3.062	1.545
4181	38.007	464.744	667.181	0.332	1.544	2.709	0.515	2.450	1.667	0.636	3.028	1.406
4182	31.241	469.177	600.586	0.355	1.638	2.834	0.532	2.510	1.824	0.650	3.064	1.574
4183	40.382	488.535	691.756	0.324	1.515	2.658	0.511	2.435	1.618	0.631	3.010	1.364
4184	26.108	507.467	621.903	0.952	1.601	5.339	0.661	2.505	2.676	0.756	3.063	2.233
4185	31.735	445.556	662.142	0.362	1.619	2.953	0.538	2.503	1.882	0.648	3.063	1.540
4186	24.089	497.764	610.679	0.936	1.631	5.529	0.970	2.513	3.590	0.949	3.079	2.853
4187	27.473	516.146	665.805	0.904	1.580	5.071	0.663	2.488	2.607	0.686	3.078	1.818
4188	26.238	442.465	692.113	0.947	1.599	5.429	0.711	2.509	2.849	0.915	3.066	2.697
4189	37.680	499.708	597.548	0.338	1.543	2.815	0.520	2.447	1.743	0.636	3.021	1.437
4190	42.264	456.035	642.410	0.321	1.507	2.684	0.509	2.429	1.636	0.629	2.999	1.392
4191	32.920	462.694	652.943	0.346	1.609	2.750	0.526	2.491	1.751	0.645	3.052	1.504
4192	53.870	494.931	639.962	0.304	1.410	2.669	0.499	2.380	1.532	0.619	2.964	1.264
4193	30.611	512.147	678.392	0.370	1.609	2.995	0.541	2.492	1.893	0.651	3.059	1.546
4194	29.941	492.292	654.461	0.463	1.585	3.728	0.537	2.506	1.851	0.651	3.067	1.557
4195	34.989	476.539	682.877	0.342	1.572	2.753	0.523	2.470	1.723	0.639	3.034	1.448
4196	40.586	471.590	665.972	0.326	1.517	2.669	0.512	2.441	1.614	0.633	3.014	1.376
4197	31.150	474.890	630.148	0.501	1.567	3.943	0.530	2.505	1.797	0.649	3.059	1.554
4198	27.669	539.099	681.901	0.773	1.585	4.650	0.601	2.500	2.288	0.703	3.057	1.913
4199	35.402	474.782	651.553	0.347	1.565	2.838	0.527	2.466	1.774	0.641	3.040	1.453
4200	35.837	491.803	674.779	0.337	1.564	2.690	0.519	2.464	1.679	0.638	3.033	1.428
4201	34.071	501.658	664.222	0.342	1.584	2.703	0.523	2.477	1.703	0.641	3.039	1.462
4202	27.749	452.848	679.180	0.700	1.596	4.704	0.640	2.498	2.557	0.787	3.051	2.322
4203	37.459	473.654	665.796	0.337	1.546	2.764	0.519	2.454	1.706	0.638	3.034	1.408
4204	32.486	485.160	660.999	0.348	1.608	2.742	0.526	2.490	1.740	0.645	3.049	1.504
4205	37.794	458.080	628.863	0.335	1.551	2.744	0.517	2.452	1.709	0.637	3.026	1.446
4206	34.991	439.538	677.199	0.407	1.536	3.441	0.590	2.450	2.224	0.641	3.039	1.477
4207	45.427	453.189	645.839	0.316	1.481	2.662	0.505	2.411	1.603	0.627	2.992	1.357
4208	46.764	481.278	627.500	0.314	1.465	2.696	0.503	2.402	1.594	0.625	2.986	1.341
4209	30.614	457.785	643.159	0.361	1.637	2.906	0.534	2.504	1.869	0.702	3.039	1.950
4210	25.300	492.787	669.715	0.947	1.611	5.368	0.878	2.512	3.239	0.899	3.073	2.635
4211	28.481	496.508	704.118	0.551	1.597	4.066	0.561	2.507	2.063	0.712	3.070	1.936
4212	51.196	519.075	683.174	0.307	1.427	2.560	0.499	2.380	1.499	0.620	2.969	1.256
4213	44.638	472.518	619.055	0.325	1.480	2.793	0.510	2.410	1.672	0.627	2.994	1.361
4214	35.948	483.338	677.544	0.336	1.562	2.708	0.518	2.462	1.677	0.638	3.033	1.425
4215	36.330	486.586	681.907	0.336	1.559	2.677	0.518	2.460	1.657	0.637	3.026	1.425
4216	35.068	476.945	610.562	0.342	1.582	2.762	0.523	2.475	1.737	0.641	3.034	1.493
4217	37.969	470.301	656.237	0.331	1.545	2.710	0.515	2.454	1.665	0.636	3.029	1.408
4218	39.259	451.196	677.016	0.329	1.533	2.688	0.514	2.447	1.642	0.633	3.013	1.410
4219	39.195	497.401	635.544	0.328	1.531	2.665	0.513	2.442	1.636	0.634	3.020	1.395
4220	30.754	440.003	634.184	0.437	1.586	3.685	0.533	2.513	1.843	0.651	3.068	1.584
4221	36.768	450.595	620.330	0.337	1.564	2.789	0.519	2.462	1.737	0.639	3.037	1.456
4222	34.272	466.537	689.765	0.380	1.551	3.197	0.522	2.478	1.703	0.641	3.043	1.457

4223	36.475	469.934	631.879	0.337	1.565	2.731	0.519	2.461	1.703	0.639	3.031	1.458
4224	36.395	503.278	706.480	0.333	1.553	2.635	0.516	2.460	1.625	0.638	3.039	1.379
4225	35.509	445.062	690.297	0.341	1.573	2.727	0.522	2.469	1.708	0.640	3.032	1.466
4226	30.798	429.127	682.228	0.359	1.644	2.838	0.622	2.469	2.455	0.652	3.069	1.576
4227	39.770	502.882	677.036	0.327	1.519	2.658	0.513	2.438	1.617	0.631	3.008	1.373
4228	46.774	480.690	610.483	0.314	1.468	2.669	0.504	2.403	1.597	0.625	2.982	1.352
4229	40.227	490.392	678.938	0.325	1.516	2.674	0.511	2.436	1.623	0.632	3.018	1.355
4230	39.469	475.617	692.762	0.328	1.527	2.644	0.513	2.443	1.613	0.633	3.010	1.389
4231	41.562	475.504	673.195	0.323	1.508	2.641	0.511	2.435	1.597	0.632	3.014	1.357
4232	43.271	463.427	676.556	0.319	1.495	2.636	0.508	2.423	1.593	0.628	2.995	1.362
4233	27.737	471.622	629.813	0.558	1.609	4.270	0.544	2.544	1.915	0.725	3.072	2.062
4234	41.633	451.487	602.831	0.328	1.511	2.815	0.513	2.433	1.701	0.631	3.007	1.414
4235	37.695	452.775	646.255	0.332	1.549	2.754	0.515	2.453	1.686	0.636	3.025	1.436
4236	29.803	471.044	668.335	0.502	1.587	3.935	0.608	2.484	2.366	0.654	3.084	1.552
4237	29.200	455.059	626.935	0.542	1.590	4.205	0.683	2.468	2.747	0.664	3.084	1.676
4238	33.700	439.395	642.703	0.349	1.596	2.862	0.527	2.479	1.815	0.643	3.048	1.512
4239	21.874	430.660	669.835	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4240	29.833	486.803	653.616	0.486	1.584	3.856	0.549	2.503	1.986	0.657	3.065	1.626
4241	41.493	452.741	620.432	0.402	1.473	3.473	0.513	2.433	1.681	0.631	3.004	1.413
4242	30.817	520.099	685.601	0.358	1.617	2.794	0.533	2.498	1.777	0.648	3.060	1.502
4243	29.728	486.681	641.091	0.465	1.589	3.769	0.576	2.490	2.197	0.682	3.055	1.822
4244	29.493	506.770	675.327	0.485	1.585	3.794	0.629	2.480	2.412	0.657	3.082	1.565
4245	48.743	480.489	649.450	0.312	1.449	2.660	0.502	2.392	1.570	0.624	2.983	1.307
4246	41.050	471.995	680.300	0.326	1.509	2.709	0.512	2.431	1.640	0.630	3.006	1.364
4247	31.155	472.810	659.326	0.355	1.628	2.788	0.531	2.505	1.778	0.650	3.067	1.528
4248	36.416	468.512	650.850	0.338	1.560	2.756	0.520	2.461	1.711	0.638	3.031	1.445
4249	40.614	512.075	662.493	0.323	1.513	2.626	0.510	2.432	1.598	0.630	3.004	1.367
4250	29.840	461.761	638.599	0.489	1.587	3.927	0.597	2.490	2.320	0.653	3.073	1.589
4251	45.027	501.230	704.027	0.315	1.472	2.613	0.507	2.420	1.550	0.625	2.987	1.310
4252	28.758	435.108	666.256	0.757	1.575	4.917	0.544	2.534	1.921	0.660	3.093	1.625
4253	39.460	488.376	649.046	0.329	1.524	2.722	0.514	2.438	1.664	0.632	3.010	1.399
4254	33.869	469.533	641.587	0.344	1.594	2.762	0.525	2.489	1.729	0.643	3.045	1.495
4255	31.108	460.117	616.233	0.510	1.568	4.043	0.533	2.509	1.838	0.650	3.064	1.571
4256	35.675	439.302	634.664	0.340	1.575	2.804	0.523	2.476	1.748	0.640	3.041	1.472
4257	32.406	470.080	693.273	0.348	1.611	2.747	0.526	2.495	1.735	0.645	3.056	1.492
4258	28.969	489.164	645.375	0.491	1.590	3.927	0.539	2.521	1.860	0.700	3.059	1.916
4259	50.228	453.153	662.120	0.309	1.440	2.679	0.501	2.388	1.579	0.621	2.970	1.316
4260	37.849	422.368	692.604	0.338	1.544	2.814	0.519	2.449	1.742	0.636	3.026	1.427
4261	32.385	461.287	708.903	0.349	1.613	2.717	0.527	2.496	1.730	0.646	3.056	1.494
4262	31.350	454.420	626.087	0.358	1.632	2.866	0.534	2.504	1.843	0.650	3.061	1.575
4263	43.264	469.457	641.480	0.364	1.462	3.214	0.508	2.423	1.624	0.628	2.999	1.370
4264	29.851	469.076	640.251	0.360	1.652	2.837	0.534	2.519	1.829	0.652	3.072	1.577
4265	38.131	419.465	689.058	0.450	1.498	3.688	0.518	2.452	1.722	0.638	3.036	1.423
4266	36.025	459.607	653.324	0.337	1.570	2.715	0.519	2.467	1.693	0.639	3.034	1.456

4267	41.667	466.121	606.246	0.324	1.516	2.708	0.511	2.434	1.652	0.631	3.003	1.409
4268	26.421	492.803	620.526	0.779	1.603	4.993	0.668	2.495	2.728	0.725	3.071	2.097
4269	31.385	496.760	673.433	0.358	1.610	2.877	0.534	2.493	1.835	0.656	3.054	1.599
4270	28.917	473.307	655.277	0.538	1.591	4.118	0.540	2.522	1.888	0.655	3.076	1.598
4271	29.347	431.691	708.241	0.554	1.588	4.186	0.618	2.487	2.432	0.654	3.078	1.587
4272	31.452	446.744	694.901	0.497	1.566	3.885	0.534	2.502	1.820	0.649	3.060	1.535
4273	38.034	508.431	648.968	0.332	1.538	2.686	0.516	2.447	1.655	0.635	3.020	1.405
4274	26.827	494.848	645.428	0.584	1.617	4.310	0.682	2.489	2.739	0.748	3.068	2.166
4275	42.618	478.497	700.119	0.323	1.492	2.693	0.511	2.425	1.622	0.629	3.000	1.346
4276	35.762	512.479	611.706	0.349	1.555	2.886	0.522	2.477	1.678	0.639	3.029	1.457
4277	29.025	469.885	664.241	0.582	1.575	4.327	0.583	2.510	2.208	0.654	3.079	1.580
4278	47.757	493.703	611.238	0.314	1.456	2.712	0.503	2.399	1.594	0.624	2.981	1.334
4279	41.735	492.357	672.477	0.322	1.501	2.674	0.509	2.424	1.615	0.628	2.999	1.353
4280	32.564	484.118	627.004	0.350	1.610	2.786	0.528	2.491	1.767	0.648	3.066	1.497
4281	44.308	423.191	659.676	0.319	1.492	2.724	0.507	2.418	1.641	0.628	2.998	1.381
4282	34.917	427.959	623.870	0.344	1.591	2.820	0.523	2.477	1.774	0.642	3.039	1.514
4283	38.380	484.020	654.233	0.328	1.540	2.674	0.514	2.450	1.652	0.633	3.017	1.407
4284	39.242	470.779	633.677	0.329	1.534	2.708	0.514	2.447	1.653	0.635	3.024	1.406
4285	26.570	497.817	709.295	0.926	1.595	5.138	0.658	2.509	2.563	0.748	3.067	2.142
4286	51.754	426.598	705.864	0.311	1.430	2.722	0.502	2.382	1.594	0.622	2.974	1.308
4287	36.226	448.684	598.812	0.347	1.565	2.924	0.526	2.461	1.830	0.639	3.032	1.484
4288	42.709	501.039	693.506	0.317	1.493	2.605	0.509	2.432	1.559	0.628	3.002	1.328
4289	33.969	477.597	710.026	0.346	1.587	2.722	0.524	2.478	1.709	0.643	3.045	1.459
4290	40.480	476.826	683.022	0.326	1.517	2.643	0.512	2.436	1.612	0.632	3.009	1.376
4291	32.264	454.063	655.574	0.351	1.618	2.784	0.529	2.496	1.779	0.648	3.061	1.523
4292	34.163	474.361	637.598	0.344	1.590	2.769	0.524	2.479	1.749	0.642	3.043	1.490
4293	36.617	494.147	677.788	0.334	1.554	2.679	0.517	2.460	1.657	0.636	3.025	1.416
4294	35.857	480.030	641.271	0.339	1.568	2.730	0.520	2.466	1.698	0.641	3.046	1.437
4295	38.899	474.769	701.763	0.328	1.532	2.656	0.513	2.446	1.621	0.633	3.017	1.383
4296	34.115	445.909	689.536	0.346	1.594	2.742	0.525	2.485	1.724	0.643	3.042	1.492
4297	45.112	453.212	605.085	0.318	1.487	2.709	0.507	2.417	1.627	0.628	2.995	1.378
4298	27.996	475.739	636.759	0.603	1.599	4.402	0.638	2.505	2.522	0.722	3.062	2.060
4299	42.476	460.402	627.232	0.324	1.502	2.757	0.513	2.440	1.647	0.631	3.008	1.384
4300	31.049	472.547	718.795	0.445	1.572	3.595	0.601	2.471	2.284	0.676	3.046	1.752
4301	29.612	457.041	672.558	0.493	1.593	3.891	0.611	2.489	2.381	0.693	3.060	1.874
4302	35.328	501.613	611.555	0.342	1.571	2.783	0.522	2.466	1.739	0.639	3.033	1.463
4303	45.283	476.841	652.344	0.314	1.477	2.651	0.505	2.411	1.593	0.626	2.991	1.344
4304	31.378	489.017	649.171	0.438	1.570	3.597	0.530	2.503	1.777	0.648	3.063	1.516
4305	28.977	453.644	692.002	0.606	1.587	4.352	0.582	2.497	2.240	0.707	3.055	1.966
4306	48.588	479.278	650.603	0.312	1.451	2.673	0.503	2.396	1.574	0.624	2.983	1.313
4307	37.669	509.231	646.862	0.334	1.540	2.729	0.517	2.448	1.683	0.636	3.029	1.387
4308	40.371	461.305	651.830	0.327	1.524	2.689	0.514	2.450	1.626	0.634	3.017	1.396
4309	39.078	482.803	671.438	0.327	1.531	2.654	0.513	2.443	1.627	0.634	3.023	1.383
4310	45.520	527.214	677.727	0.313	1.469	2.559	0.504	2.408	1.527	0.626	2.996	1.289

4311	31.901	445.506	639.027	0.358	1.622	2.873	0.532	2.497	1.835	0.649	3.063	1.543
4312	33.845	466.892	684.021	0.343	1.589	2.745	0.524	2.481	1.728	0.643	3.055	1.454
4313	38.203	439.591	684.297	0.333	1.545	2.707	0.516	2.449	1.675	0.636	3.023	1.426
4314	32.957	465.762	656.555	0.347	1.606	2.747	0.526	2.490	1.743	0.648	3.062	1.505
4315	41.726	446.733	669.082	0.324	1.510	2.693	0.511	2.432	1.631	0.632	3.011	1.378
4316	36.516	491.792	662.929	0.334	1.558	2.674	0.517	2.463	1.653	0.637	3.030	1.423
4317	53.379	472.593	699.414	0.301	1.420	2.557	0.497	2.377	1.498	0.620	2.969	1.260
4318	34.025	499.099	690.634	0.356	1.570	2.888	0.530	2.468	1.796	0.643	3.045	1.453
4319	35.450	510.305	672.686	0.339	1.564	2.689	0.520	2.467	1.666	0.641	3.043	1.416
4320	40.936	482.667	687.492	0.324	1.511	2.634	0.511	2.434	1.598	0.631	3.006	1.369
4321	28.496	494.402	656.371	0.534	1.596	4.065	0.598	2.497	2.314	0.710	3.057	1.972
4322	41.387	495.219	674.794	0.325	1.503	2.683	0.511	2.428	1.623	0.630	3.004	1.361
4323	30.605	494.134	654.900	0.357	1.631	2.794	0.532	2.508	1.787	0.650	3.066	1.530
4324	47.600	482.414	671.047	0.312	1.457	2.627	0.503	2.398	1.556	0.623	2.979	1.312
4325	43.310	502.020	666.194	0.349	1.465	3.011	0.508	2.415	1.599	0.627	2.993	1.338
4326	30.555	467.555	680.002	0.360	1.638	2.824	0.534	2.509	1.810	0.651	3.069	1.546
4327	29.826	455.107	665.655	0.503	1.588	3.971	0.539	2.520	1.876	0.703	3.048	1.951
4328	22.837	427.073	697.272	3.648	1.626	9.590	1.037	2.523	3.865	1.090	3.070	3.273
4329	27.571	514.476	643.350	0.661	1.596	4.491	0.593	2.510	2.281	0.722	3.061	2.036
4330	26.333	460.961	663.623	0.687	1.614	4.765	0.680	2.505	2.757	0.871	3.069	2.574
4331	29.604	431.675	685.964	0.487	1.595	3.913	0.547	2.530	1.938	0.680	3.066	1.805
4332	30.743	455.704	681.551	0.361	1.635	2.860	0.535	2.504	1.842	0.692	3.061	1.837
4333	31.717	443.648	635.146	0.358	1.625	2.888	0.533	2.499	1.847	0.649	3.066	1.548
4334	33.942	510.152	642.959	0.388	1.547	3.270	0.523	2.478	1.719	0.641	3.044	1.459
4335	35.712	522.211	638.076	0.337	1.563	2.703	0.519	2.466	1.675	0.638	3.030	1.429
4336	40.829	516.415	640.069	0.323	1.511	2.638	0.510	2.430	1.605	0.631	3.012	1.356
4337	41.500	455.775	639.557	0.325	1.515	2.705	0.513	2.444	1.625	0.632	3.009	1.393
4338	35.448	492.247	658.557	0.337	1.569	2.699	0.519	2.469	1.674	0.638	3.034	1.439
4339	40.327	478.029	631.155	0.327	1.523	2.706	0.513	2.440	1.648	0.634	3.017	1.396
4340	34.439	480.401	634.622	0.342	1.586	2.750	0.522	2.477	1.722	0.642	3.043	1.477
4341	31.560	468.292	615.840	0.354	1.628	2.842	0.530	2.503	1.816	0.648	3.058	1.553
4342	36.176	496.719	674.655	0.348	1.545	2.896	0.518	2.460	1.675	0.637	3.033	1.417
4343	37.184	452.974	612.447	0.338	1.562	2.775	0.519	2.464	1.715	0.638	3.026	1.473
4344	43.249	490.119	669.446	0.317	1.491	2.635	0.509	2.431	1.574	0.628	2.999	1.340
4345	35.364	398.427	660.220	0.345	1.591	2.822	0.524	2.479	1.777	0.643	3.042	1.514
4346	30.155	507.518	672.669	0.354	1.636	2.749	0.531	2.515	1.750	0.651	3.081	1.500
4347	29.931	472.081	668.551	0.490	1.584	3.876	0.538	2.512	1.859	0.652	3.073	1.560
4348	28.408	439.350	642.015	0.627	1.595	4.556	0.618	2.501	2.476	0.658	3.087	1.646
4349	45.578	497.877	691.396	0.315	1.466	2.650	0.505	2.406	1.571	0.624	2.985	1.312
4350	42.449	479.680	656.068	0.322	1.501	2.656	0.510	2.428	1.604	0.630	3.006	1.355
4351	43.582	524.067	665.282	0.317	1.484	2.603	0.506	2.414	1.569	0.627	2.995	1.328
4352	37.372	451.971	703.812	0.337	1.553	2.719	0.518	2.455	1.686	0.638	3.028	1.427
4353	34.123	474.047	672.036	0.343	1.587	2.722	0.523	2.481	1.704	0.642	3.040	1.474
4354	40.405	438.048	579.240	0.330	1.533	2.794	0.514	2.443	1.710	0.635	3.014	1.457

4355	36.406	462.977	717.393	0.333	1.561	2.689	0.517	2.461	1.670	0.636	3.029	1.418
4356	50.656	445.183	628.314	0.310	1.444	2.695	0.503	2.396	1.577	0.622	2.970	1.339
4357	24.793	480.472	686.448	1.046	1.619	5.625	0.903	2.511	3.346	0.924	3.074	2.728
4358	39.236	465.169	684.224	0.336	1.521	2.791	0.519	2.442	1.699	0.633	3.015	1.392
4359	43.163	498.832	689.227	0.359	1.461	3.083	0.509	2.432	1.546	0.628	2.996	1.334
4360	30.385	483.241	668.314	0.483	1.577	3.812	0.534	2.510	1.804	0.651	3.069	1.538
4361	28.773	460.024	644.589	0.534	1.597	4.152	0.609	2.496	2.406	0.699	3.060	1.942
4362	50.706	468.323	703.198	0.307	1.432	2.646	0.500	2.385	1.543	0.620	2.967	1.289
4363	32.243	458.805	606.137	0.362	1.610	2.980	0.537	2.487	1.914	0.648	3.058	1.547
4364	34.221	457.610	735.342	0.341	1.584	2.718	0.539	2.464	1.898	0.650	3.043	1.536
4365	32.087	469.681	645.897	0.355	1.617	2.811	0.530	2.496	1.784	0.650	3.062	1.532
4366	33.972	492.697	672.814	0.343	1.585	2.740	0.596	2.449	2.236	0.641	3.041	1.460
4367	33.361	438.797	664.825	0.349	1.603	2.793	0.527	2.489	1.770	0.646	3.058	1.499
4368	36.541	430.631	601.574	0.340	1.575	2.805	0.520	2.465	1.762	0.639	3.030	1.501
4369	39.574	453.693	671.499	0.326	1.530	2.686	0.512	2.444	1.652	0.632	3.015	1.400
4370	42.392	462.369	631.023	0.322	1.507	2.680	0.509	2.427	1.628	0.631	3.006	1.381
4371	35.708	485.406	639.769	0.336	1.569	2.714	0.519	2.468	1.686	0.640	3.043	1.430
4372	53.753	466.322	651.425	0.302	1.420	2.618	0.496	2.374	1.529	0.620	2.969	1.278
4373	37.536	446.645	609.541	0.347	1.544	2.969	0.526	2.453	1.827	0.638	3.024	1.483
4374	60.645	462.143	648.040	0.295	1.368	2.773	0.495	2.354	1.580	0.615	2.947	1.283
4375	37.956	472.691	674.629	0.370	1.511	3.171	0.542	2.449	1.896	0.649	3.020	1.543
4376	48.039	506.494	649.150	0.309	1.454	2.580	0.501	2.396	1.537	0.622	2.976	1.307
4377	28.890	478.835	640.140	0.510	1.596	4.012	0.544	2.532	1.902	0.717	3.055	2.017
4378	41.315	434.562	638.464	0.328	1.516	2.777	0.513	2.433	1.696	0.633	3.017	1.402
4379	40.675	503.506	652.409	0.322	1.514	2.631	0.511	2.438	1.601	0.631	3.013	1.357
4380	45.214	476.259	677.771	0.315	1.477	2.619	0.505	2.411	1.566	0.625	2.986	1.335
4381	44.027	498.593	692.368	0.318	1.481	2.618	0.506	2.413	1.561	0.626	2.990	1.329
4382	34.418	452.079	712.751	0.346	1.586	2.744	0.525	2.476	1.730	0.643	3.045	1.466
4383	33.090	448.068	637.532	0.350	1.609	2.807	0.528	2.487	1.793	0.647	3.056	1.526
4384	40.603	446.472	635.772	0.326	1.524	2.727	0.512	2.437	1.665	0.633	3.016	1.403
4385	50.021	477.028	637.624	0.306	1.444	2.619	0.500	2.389	1.559	0.621	2.975	1.303
4386	24.388	488.870	673.251	1.008	1.624	5.565	0.830	2.516	3.216	0.943	3.067	2.819
4387	39.248	489.102	683.530	0.336	1.520	2.776	0.518	2.436	1.700	0.635	3.027	1.362
4388	35.629	472.510	614.792	0.340	1.576	2.747	0.521	2.470	1.721	0.641	3.037	1.477
4389	29.095	473.931	645.616	0.561	1.587	4.208	0.536	2.527	1.846	0.697	3.056	1.921
4390	30.883	488.028	689.825	0.513	1.567	3.918	0.534	2.505	1.807	0.650	3.078	1.496
4391	45.064	484.877	631.615	0.318	1.477	2.687	0.507	2.412	1.601	0.626	2.986	1.355
4392	34.976	448.364	656.697	0.342	1.581	2.777	0.522	2.473	1.734	0.640	3.036	1.477
4393	33.327	456.836	631.200	0.348	1.606	2.796	0.526	2.488	1.776	0.645	3.050	1.520
4394	36.311	493.776	686.619	0.335	1.557	2.681	0.517	2.460	1.657	0.636	3.027	1.415
4395	37.723	502.414	704.720	0.331	1.540	2.625	0.515	2.450	1.616	0.636	3.030	1.371
4396	25.643	489.482	645.126	0.960	1.606	5.405	0.664	2.509	2.703	0.747	3.068	2.208
4397	54.404	470.706	618.183	0.305	1.412	2.735	0.499	2.371	1.589	0.620	2.969	1.293
4398	39.900	420.758	649.591	0.338	1.522	2.922	0.521	2.438	1.798	0.635	3.016	1.448

4399	50.593	486.172	639.105	0.307	1.436	2.656	0.499	2.384	1.557	0.620	2.969	1.301
4400	32.649	478.229	631.738	0.354	1.601	2.883	0.540	2.474	1.972	0.652	3.052	1.605
4401	40.941	461.856	671.357	0.325	1.515	2.688	0.516	2.441	1.695	0.633	3.005	1.431
4402	39.483	462.081	643.748	0.329	1.532	2.700	0.515	2.436	1.729	0.633	3.012	1.417
4403	37.275	492.112	718.495	0.330	1.547	2.611	0.517	2.447	1.696	0.635	3.024	1.386
4404	45.943	453.475	615.567	0.317	1.481	2.679	0.509	2.419	1.635	0.632	2.984	1.469
4405	36.627	483.961	708.339	0.334	1.553	2.682	0.522	2.461	1.735	0.637	3.021	1.449
4406	37.252	496.849	583.351	0.336	1.557	2.732	0.523	2.464	1.764	0.645	3.029	1.545
4407	28.214	507.492	680.562	0.509	1.603	3.913	0.783	2.473	3.147	0.740	3.050	2.108
4408	37.480	477.011	661.155	0.339	1.543	2.777	0.524	2.445	1.807	0.639	3.023	1.470
4409	35.076	423.559	640.810	0.343	1.589	2.775	0.526	2.466	1.847	0.646	3.033	1.580
4410	32.903	442.987	616.588	0.386	1.571	3.344	0.529	2.482	1.892	0.648	3.062	1.554
4411	37.087	483.845	668.071	0.332	1.550	2.700	0.517	2.456	1.686	0.640	3.031	1.469
4412	36.163	496.486	658.721	0.336	1.561	2.676	0.520	2.455	1.745	0.641	3.032	1.469
4413	36.306	475.119	655.928	0.337	1.562	2.711	0.521	2.455	1.766	0.642	3.022	1.520
4414	33.437	513.782	739.592	0.415	1.544	3.350	0.625	2.447	2.418	0.643	3.047	1.449
4415	36.450	477.720	658.581	0.340	1.559	2.725	0.524	2.453	1.785	0.643	3.033	1.488
4416	37.445	474.286	581.659	0.335	1.560	2.763	0.521	2.455	1.797	0.639	3.027	1.491
4417	37.451	487.496	685.252	0.329	1.544	2.670	0.516	2.451	1.679	0.637	3.029	1.428
4418	25.626	429.012	687.200	1.228	1.607	6.038	0.687	2.520	2.848	79.974	3.042	55.009
4419	33.011	495.008	626.176	0.354	1.591	2.894	0.537	2.471	1.946	0.648	3.059	1.526
4420	39.318	455.314	680.974	0.328	1.530	2.691	0.516	2.437	1.733	0.636	3.006	1.477
4421	35.661	465.105	639.801	0.338	1.574	2.724	0.523	2.464	1.784	0.642	3.032	1.511
4422	24.180	417.641	725.113	1.078	1.640	5.781	1.136	2.515	4.058	0.979	3.063	3.179
4423	28.193	503.077	693.796	0.538	1.603	4.019	0.624	2.502	2.424	0.793	3.043	2.407
4425	27.826	492.940	655.182	0.641	1.596	4.445	0.645	2.497	2.554	0.766	3.056	2.304
4426	30.689	487.551	664.858	0.362	1.624	2.894	0.543	2.492	1.976	0.652	3.070	1.561
4427	31.137	450.671	664.744	0.361	1.632	2.887	0.543	2.513	1.933	0.663	3.051	1.748
4428	37.272	466.246	683.704	0.335	1.550	2.718	0.521	2.447	1.770	0.641	3.018	1.518
4429	31.680	478.081	637.591	0.352	1.623	2.782	0.532	2.490	1.868	0.659	3.048	1.701
4430	51.608	476.980	622.407	0.306	1.434	2.662	0.501	2.379	1.633	0.621	2.969	1.312
4431	42.641	499.904	668.519	0.324	1.489	2.725	0.516	2.420	1.728	0.631	2.993	1.424
4432	31.670	508.660	723.969	0.360	1.603	2.844	0.532	2.487	1.816	0.654	3.051	1.565
4433	50.533	433.878	648.622	0.311	1.444	2.684	0.507	2.394	1.658	0.625	2.968	1.385
4434	33.243	480.616	677.580	0.351	1.591	2.835	0.535	2.479	1.885	0.647	3.050	1.531
4435	22.354	490.656	619.632	1.105	1.660	6.002	2.462	2.509	7.069	1.631	3.070	4.683
4436	27.616	493.127	635.241	0.552	1.608	4.196	0.625	2.499	2.505	0.797	3.047	2.404
4437	33.540	454.310	641.953	0.350	1.595	2.868	0.535	2.474	1.937	0.646	3.047	1.550
4438	42.807	470.577	680.954	0.320	1.497	2.653	0.508	2.419	1.633	0.629	2.999	1.379
4439	30.354	471.845	713.897	0.411	1.596	3.361	0.540	2.522	1.848	0.652	3.071	1.546
4440	38.236	527.765	742.190	0.331	1.527	2.606	0.517	2.435	1.681	0.639	3.011	1.452
4441	36.353	481.698	626.774	0.340	1.564	2.736	0.524	2.456	1.788	0.641	3.034	1.461
4442	51.866	476.932	653.987	0.304	1.429	2.621	0.499	2.381	1.556	0.620	2.967	1.296
4443	36.104	504.938	677.278	0.343	1.551	2.792	0.531	2.464	1.821	0.643	3.036	1.484

4444	44.595	477.376	694.545	0.318	1.480	2.626	0.507	2.409	1.601	0.628	2.999	1.325
4445	39.876	454.124	680.887	0.329	1.526	2.688	0.518	2.441	1.719	0.633	3.010	1.401
4446	58.214	445.645	598.242	0.298	1.389	2.754	0.499	2.360	1.669	0.617	2.953	1.317
4447	41.210	496.492	676.227	0.335	1.492	2.872	0.529	2.411	1.892	0.640	2.998	1.516
4448	40.286	459.046	667.027	0.327	1.524	2.679	0.515	2.436	1.707	0.635	3.006	1.448
4449	31.839	473.912	674.480	0.488	1.557	3.835	0.531	2.492	1.834	0.646	3.054	1.513
4450	43.437	435.088	702.720	0.321	1.495	2.682	0.511	2.417	1.696	0.628	2.996	1.369
4451	41.445	482.107	705.484	0.322	1.506	2.608	0.511	2.425	1.652	0.631	3.003	1.376
4452	30.946	457.028	648.313	0.358	1.639	2.816	0.539	2.512	1.901	0.658	3.057	1.676
4453	34.119	456.170	683.295	0.345	1.586	2.785	0.793	2.437	3.078	0.648	3.044	1.558
4454	33.641	433.983	638.387	0.348	1.605	2.806	0.531	2.485	1.870	0.645	3.050	1.524
4455	23.340	456.853	672.117	1.205	1.637	6.166	2.420	2.492	6.949	1.304	3.069	3.874
4456	30.730	485.328	702.904	0.370	1.615	2.982	0.554	2.495	2.037	0.672	3.056	1.786
4457	27.753	490.690	620.181	0.595	1.602	4.381	0.552	2.516	2.086	0.667	3.073	1.765
4458	26.073	522.773	627.974	0.631	1.622	4.463	0.917	2.507	3.312	1.292	3.039	3.819
4459	30.793	488.740	646.323	0.465	1.574	3.742	0.546	2.486	2.026	0.650	3.057	1.582
4460	39.758	487.208	644.156	0.329	1.524	2.711	0.518	2.442	1.726	0.637	3.009	1.485
4461	30.333	473.476	630.537	0.379	1.618	3.141	0.538	2.512	1.904	0.742	3.044	2.185
4462	37.950	496.926	710.501	0.331	1.535	2.666	0.518	2.441	1.718	0.638	3.016	1.467
4463	35.858	473.846	627.124	0.340	1.571	2.742	0.525	2.462	1.802	0.644	3.035	1.518
4464	46.457	515.634	673.117	0.310	1.464	2.570	0.505	2.400	1.605	0.625	2.991	1.288
4465	56.461	475.468	702.589	0.301	1.396	2.616	0.496	2.357	1.565	0.617	2.955	1.245
4466	40.758	509.680	700.675	0.340	1.494	2.840	0.533	2.408	1.897	0.642	2.996	1.520
4467	33.629	499.882	661.218	0.346	1.591	2.724	0.528	2.473	1.809	0.654	3.035	1.641
4468	39.217	441.899	632.599	0.332	1.538	2.748	0.518	2.441	1.773	0.637	3.014	1.486
4469	38.330	468.173	659.746	0.329	1.543	2.670	0.518	2.451	1.723	0.634	3.017	1.416
4470	30.203	479.018	666.789	0.369	1.627	2.975	0.536	2.505	1.884	0.722	3.040	2.084
4471	26.859	496.321	643.410	0.944	1.592	5.258	0.827	2.496	3.331	0.894	3.057	2.772
4472	28.466	487.759	708.851	0.511	1.602	3.914	0.691	2.489	2.744	0.719	3.068	1.994
4473	35.896	448.822	638.221	0.344	1.569	2.821	0.529	2.463	1.860	0.648	3.038	1.561
4474	31.637	473.313	661.902	0.471	1.564	3.763	0.532	2.493	1.861	0.646	3.056	1.520
4475	40.890	515.161	695.087	0.323	1.507	2.616	0.513	2.425	1.662	0.634	3.000	1.438
4476	39.776	467.323	680.269	0.328	1.525	2.659	0.517	2.440	1.699	0.637	3.020	1.427
4477	49.566	464.265	576.595	0.310	1.452	2.715	0.504	2.386	1.691	0.627	2.977	1.413
4478	22.880	467.340	576.940	1.057	1.657	6.043	1.381	2.500	4.933	2.041	3.066	5.581
4479	32.331	442.116	669.222	0.362	1.605	3.018	0.547	2.476	2.066	0.658	3.064	1.656
4480	42.036	428.933	624.794	0.325	1.514	2.746	0.515	2.435	1.736	0.636	3.009	1.483
4481	27.975	486.096	681.819	0.653	1.594	4.466	0.758	2.485	3.071	0.938	3.032	2.913
4482	42.097	402.480	653.689	0.329	1.511	2.815	0.517	2.422	1.801	0.637	3.002	1.518
4483	36.528	431.712	685.267	0.335	1.566	2.726	0.520	2.457	1.777	0.642	3.032	1.516
4485	28.562	497.515	635.556	0.500	1.599	3.947	0.605	2.495	2.438	0.723	3.047	2.099
4486	47.767	479.753	659.821	0.312	1.456	2.669	0.508	2.407	1.640	0.624	2.983	1.313
4487	32.609	448.999	657.600	0.354	1.609	2.861	0.536	2.478	1.942	0.652	3.065	1.569
4488	38.207	483.874	704.015	0.330	1.535	2.658	0.517	2.441	1.708	0.637	3.027	1.416

4489	36.080	453.460	642.861	0.340	1.571	2.736	0.524	2.462	1.791	0.647	3.033	1.560
4490	33.500	511.690	674.043	0.342	1.589	2.691	0.691	2.432	2.742	0.767	3.021	2.212
4491	40.255	433.239	711.874	0.328	1.524	2.681	0.516	2.430	1.728	0.633	3.012	1.398
4492	27.221	496.809	665.876	0.661	1.604	4.519	0.715	2.483	3.006	0.750	3.056	2.179
4493	56.400	441.919	629.450	0.302	1.401	2.756	0.501	2.367	1.662	0.618	2.957	1.309
4494	30.958	483.075	638.034	0.375	1.606	3.126	0.564	2.474	2.197	0.670	3.050	1.776
4495	26.722	501.639	691.406	0.934	1.591	5.174	0.654	2.506	2.579	0.938	3.056	2.875
4496	29.817	449.537	599.218	0.474	1.593	3.928	0.556	2.499	2.160	0.663	3.062	1.760
4497	26.305	418.593	635.038	0.939	1.603	5.618	0.945	2.478	3.910	0.954	3.055	2.911
4498	26.129	457.250	643.885	0.917	1.602	5.435	1.718	2.463	5.474	0.925	3.053	2.961
4499	36.434	442.386	629.652	0.344	1.559	2.888	0.529	2.461	1.882	0.641	3.033	1.509
4500	36.861	470.240	626.237	0.435	1.511	3.622	0.518	2.456	1.737	0.639	3.042	1.433
4501	33.166	504.016	655.282	0.343	1.596	2.714	0.523	2.482	1.715	0.644	3.061	1.449
4502	36.500	483.639	656.617	0.337	1.557	2.724	0.518	2.458	1.689	0.638	3.028	1.435
4503	46.042	478.964	638.882	0.314	1.473	2.647	0.505	2.405	1.596	0.625	2.985	1.344
4504	33.678	486.182	677.047	0.344	1.589	2.744	0.524	2.478	1.731	0.642	3.046	1.460
4505	42.784	461.879	623.078	0.323	1.502	2.716	0.511	2.434	1.623	0.631	3.005	1.389
4506	29.418	481.068	622.834	0.497	1.590	3.966	0.535	2.525	1.842	0.730	3.048	2.080
4507	28.680	474.498	689.390	0.585	1.591	4.236	0.654	2.488	2.549	0.706	3.054	1.959
4508	33.258	446.110	602.050	0.355	1.603	2.923	0.530	2.484	1.852	0.646	3.051	1.545
4509	30.583	473.072	692.479	0.479	1.579	3.779	0.607	2.495	2.286	0.679	3.066	1.749
4510	29.669	497.053	587.029	0.511	1.585	4.046	0.539	2.516	1.896	0.653	3.069	1.599
4511	47.100	530.424	652.400	0.311	1.455	2.624	0.502	2.399	1.555	0.624	2.989	1.285
4512	41.346	440.155	635.594	0.328	1.516	2.763	0.513	2.434	1.680	0.632	3.009	1.408
4513	37.313	488.272	674.128	0.330	1.548	2.658	0.515	2.455	1.645	0.635	3.024	1.407
4514	32.892	485.660	686.425	0.346	1.601	2.714	0.526	2.488	1.722	0.645	3.058	1.465
4515	32.233	493.770	638.404	0.352	1.607	2.805	0.528	2.490	1.770	0.647	3.054	1.513
4516	32.602	484.325	663.250	0.348	1.605	2.763	0.527	2.489	1.758	0.645	3.053	1.495
4517	36.786	490.748	667.529	0.335	1.553	2.700	0.518	2.456	1.672	0.636	3.024	1.422
4518	33.915	420.454	614.848	0.349	1.607	2.844	0.527	2.490	1.804	0.646	3.049	1.548
4519	38.178	486.988	639.641	0.329	1.541	2.704	0.514	2.449	1.663	0.634	3.021	1.414
4520	32.416	514.473	680.130	0.346	1.603	2.699	0.525	2.487	1.708	0.644	3.052	1.469
4521	40.021	457.125	719.439	0.328	1.521	2.663	0.513	2.439	1.626	0.632	3.008	1.386
4522	28.116	483.658	582.001	0.555	1.603	4.303	0.542	2.539	1.918	0.660	3.086	1.665
4523	29.421	443.226	687.937	0.494	1.595	3.934	0.631	2.489	2.478	0.652	3.081	1.574
4524	35.426	513.752	670.430	0.339	1.563	2.711	0.521	2.463	1.690	0.639	3.038	1.414
4525	34.974	483.849	639.733	0.342	1.578	2.732	0.522	2.473	1.716	0.641	3.036	1.468
4526	27.465	459.314	678.503	0.615	1.610	4.434	0.688	2.499	2.729	0.748	3.074	2.148
4527	35.376	485.386	710.987	0.343	1.566	2.749	0.523	2.466	1.714	0.639	3.037	1.426
4528	30.140	494.835	673.023	0.487	1.578	3.809	0.536	2.522	1.774	0.653	3.073	1.537
4529	33.753	455.879	643.484	0.350	1.593	2.846	0.527	2.479	1.790	0.646	3.058	1.487
4530	34.457	487.483	675.397	0.361	1.560	3.000	0.540	2.457	1.915	0.640	3.037	1.452
4531	28.474	506.617	716.281	0.502	1.600	3.836	0.652	2.488	2.498	0.701	3.057	1.898
4532	46.737	497.572	660.843	0.317	1.460	2.658	0.506	2.405	1.573	0.625	2.981	1.320

4533	27.233	466.026	558.081	0.560	1.617	4.449	0.678	2.488	2.836	0.710	3.071	2.067
4534	30.619	456.441	629.617	0.512	1.575	4.053	0.646	2.479	2.535	0.735	3.042	2.097
4535	40.231	471.670	657.638	0.327	1.520	2.713	0.512	2.436	1.653	0.632	3.011	1.392
4536	38.712	494.093	668.651	0.328	1.533	2.655	0.513	2.444	1.624	0.635	3.025	1.383
4537	42.549	489.887	656.596	0.321	1.499	2.638	0.508	2.426	1.589	0.629	3.000	1.361
4538	43.843	415.791	629.243	0.322	1.501	2.754	0.510	2.425	1.664	0.629	2.996	1.412
4539	52.988	500.742	676.870	0.303	1.416	2.632	0.498	2.375	1.536	0.618	2.963	1.261
4540	31.984	462.030	720.681	0.368	1.600	2.971	0.542	2.484	1.909	0.650	3.051	1.544
4541	41.779	457.354	650.821	0.325	1.510	2.690	0.512	2.431	1.641	0.631	3.001	1.395
4542	43.040	455.809	624.466	0.320	1.503	2.691	0.511	2.436	1.620	0.630	3.003	1.384
4543	28.564	492.469	660.347	0.556	1.593	4.132	0.621	2.497	2.410	0.724	3.054	2.037
4544	42.702	433.012	714.909	0.324	1.498	2.714	0.510	2.421	1.642	0.629	3.001	1.368
4545	38.344	483.262	685.459	0.330	1.536	2.650	0.516	2.459	1.605	0.635	3.020	1.390
4546	50.632	486.403	626.728	0.306	1.441	2.600	0.499	2.386	1.544	0.621	2.969	1.310
4547	34.262	486.395	699.558	0.372	1.554	3.091	0.525	2.473	1.740	0.640	3.043	1.430
4548	25.590	452.673	628.827	0.992	1.611	5.665	0.697	2.522	2.860	0.929	3.074	2.779
4549	42.543	449.232	663.397	0.325	1.497	2.779	0.514	2.436	1.657	0.630	3.012	1.361
4550	36.412	501.210	745.747	0.375	1.526	3.083	0.517	2.461	1.616	0.636	3.028	1.387
4551	32.420	486.337	641.447	0.352	1.608	2.783	0.529	2.490	1.762	0.647	3.049	1.528
4552	35.259	428.845	631.339	0.344	1.584	2.821	0.523	2.473	1.776	0.641	3.036	1.507
4553	41.103	451.548	644.990	0.324	1.518	2.702	0.513	2.446	1.634	0.632	3.014	1.390
4554	38.370	487.743	639.409	0.329	1.540	2.683	0.514	2.449	1.651	0.635	3.020	1.414
4555	36.606	484.487	646.417	0.334	1.559	2.698	0.517	2.459	1.675	0.638	3.030	1.436
4556	38.163	430.560	615.433	0.334	1.553	2.778	0.517	2.458	1.711	0.637	3.025	1.465
4557	46.365	452.369	681.670	0.313	1.470	2.672	0.504	2.407	1.594	0.624	2.986	1.339
4558	29.337	459.973	675.000	0.522	1.591	4.037	0.652	2.481	2.564	0.721	3.050	2.029
4559	39.609	469.600	671.763	0.330	1.524	2.715	0.515	2.441	1.659	0.634	3.020	1.386
4560	27.584	461.123	607.665	0.667	1.598	4.736	0.668	2.484	2.754	0.728	3.063	2.123
4561	40.467	507.235	648.837	0.325	1.511	2.710	0.512	2.432	1.649	0.630	3.005	1.373
4562	29.640	451.857	595.457	0.507	1.589	4.106	0.539	2.526	1.902	0.693	3.052	1.936
4563	32.025	476.396	640.132	0.351	1.613	2.842	0.528	2.491	1.813	0.645	3.058	1.515
4564	30.476	537.451	706.864	0.422	1.572	3.419	0.564	2.489	2.025	0.672	3.050	1.694
4565	45.217	466.214	642.884	0.320	1.478	2.699	0.508	2.415	1.606	0.628	2.996	1.347
4566	44.008	494.648	660.591	0.317	1.485	2.629	0.508	2.428	1.561	0.626	2.992	1.339
4567	36.588	473.991	628.345	0.337	1.561	2.748	0.518	2.460	1.703	0.640	3.043	1.434
4568	39.993	444.835	732.230	0.393	1.484	3.328	0.511	2.438	1.621	0.632	3.013	1.378
4569	48.826	420.506	633.713	0.314	1.460	2.728	0.504	2.395	1.635	0.625	2.980	1.367
4570	45.540	471.676	619.266	0.317	1.473	2.759	0.506	2.409	1.632	0.627	2.998	1.345
4571	28.178	456.500	661.775	0.655	1.593	4.574	0.657	2.497	2.608	0.726	3.071	2.052
4572	28.693	471.019	675.429	0.598	1.589	4.317	0.660	2.490	2.580	0.712	3.058	1.988
4573	29.116	463.008	700.762	0.479	1.598	3.800	0.618	2.486	2.404	0.712	3.071	1.935
4574	39.314	478.342	673.346	0.331	1.526	2.713	0.516	2.442	1.659	0.634	3.018	1.388
4575	40.605	471.610	661.964	0.326	1.518	2.668	0.512	2.440	1.615	0.632	3.011	1.382
4576	32.960	467.223	686.012	0.347	1.602	2.739	0.526	2.489	1.729	0.644	3.047	1.493

4577	34.238	472.210	623.852	0.345	1.590	2.783	0.526	2.486	1.742	0.644	3.051	1.482
4578	28.064	481.316	626.761	0.607	1.597	4.419	0.608	2.505	2.401	0.715	3.063	2.027
4579	36.214	456.269	629.443	0.342	1.563	2.844	0.522	2.462	1.764	0.639	3.034	1.464
4580	25.335	513.847	684.724	1.053	1.606	5.485	0.688	2.505	2.757	0.924	3.057	2.712
4581	36.638	446.771	631.584	0.348	1.553	2.915	0.526	2.456	1.805	0.639	3.032	1.462
4582	25.341	443.944	639.624	0.974	1.615	5.677	0.894	2.513	3.401	0.925	3.076	2.769
4583	26.584	459.110	656.866	0.939	1.594	5.422	0.899	2.489	3.348	0.808	3.060	2.429
4584	33.808	503.214	638.893	0.349	1.580	2.845	0.527	2.474	1.786	0.644	3.060	1.446
4585	29.687	477.985	722.067	0.487	1.587	3.793	0.579	2.498	2.153	0.714	3.043	1.969
4586	31.076	465.969	699.228	0.363	1.624	2.863	0.537	2.514	1.805	0.652	3.079	1.508
4587	37.538	468.025	644.955	0.336	1.549	2.742	0.518	2.452	1.699	0.637	3.022	1.439
4588	36.874	495.759	738.208	0.332	1.551	2.612	0.516	2.456	1.616	0.635	3.026	1.385
4589	36.531	452.216	627.514	0.341	1.566	2.761	0.521	2.464	1.715	0.640	3.028	1.482
4590	38.249	502.954	686.250	0.328	1.536	2.632	0.514	2.449	1.616	0.634	3.027	1.368
4591	31.128	473.569	656.518	0.356	1.629	2.799	0.532	2.504	1.794	0.650	3.065	1.535
4592	35.385	458.991	676.182	0.428	1.526	3.530	0.520	2.468	1.703	0.640	3.034	1.458
4593	34.957	496.628	668.514	0.340	1.573	2.702	0.520	2.469	1.681	0.640	3.036	1.441
4594	33.053	427.407	717.020	0.350	1.610	2.766	0.528	2.494	1.759	0.646	3.053	1.508
4595	37.980	539.936	694.603	0.329	1.534	2.587	0.514	2.449	1.589	0.633	3.014	1.372
4596	38.796	465.669	652.235	0.332	1.537	2.702	0.516	2.449	1.656	0.646	3.018	1.524
4597	39.701	470.125	626.862	0.327	1.532	2.693	0.513	2.445	1.654	0.633	3.014	1.417
4598	29.636	494.233	637.676	0.357	1.652	2.793	0.552	2.520	1.968	0.651	3.070	1.562
4599	22.284	497.423	660.422	1.766	1.634	7.163	1.085	2.534	3.846	1.180	3.074	3.455
4600	35.717	462.433	638.283	0.355	1.554	2.991	0.532	2.464	1.846	0.642	3.032	1.501
4601	41.904	430.318	690.819	0.322	1.510	2.688	0.512	2.430	1.687	0.631	3.011	1.382
4602	36.748	424.054	630.039	0.339	1.572	2.769	0.522	2.457	1.817	0.643	3.026	1.559
4603	36.034	546.648	653.131	0.336	1.552	2.712	0.518	2.460	1.668	0.638	3.027	1.445
4604	45.971	480.276	637.661	0.315	1.473	2.651	0.507	2.403	1.664	0.628	2.982	1.394
4605	30.514	427.655	683.478	0.479	1.583	3.874	0.664	2.479	2.714	0.657	3.077	1.635
4606	29.735	477.459	670.556	0.362	1.645	2.848	0.544	2.520	1.928	0.760	3.035	2.274
4607	34.607	505.872	692.750	0.343	1.572	2.726	0.528	2.472	1.782	0.646	3.039	1.522
4608	34.668	470.627	639.546	0.344	1.584	2.758	0.528	2.471	1.821	0.642	3.038	1.488
4609	48.795	480.334	628.684	0.309	1.451	2.652	0.503	2.388	1.639	0.624	2.975	1.363
4610	36.419	447.591	622.928	0.340	1.564	2.825	0.526	2.460	1.850	0.638	3.034	1.463
4611	33.048	498.230	635.606	0.344	1.601	2.729	0.526	2.479	1.814	0.646	3.050	1.528
4612	38.477	481.238	640.903	0.331	1.537	2.724	0.518	2.442	1.749	0.640	3.020	1.498
4613	28.132	503.727	679.145	0.632	1.592	4.360	0.622	2.493	2.431	0.711	3.060	1.999
4614	32.824	470.729	648.894	0.355	1.599	2.874	0.537	2.478	1.928	0.649	3.050	1.557
4615	32.996	459.671	682.662	0.347	1.601	2.766	0.530	2.481	1.839	0.646	3.049	1.519
4616	32.513	521.852	660.453	0.347	1.600	2.720	0.529	2.479	1.814	0.652	3.055	1.559
4617	35.112	447.929	689.870	0.343	1.574	2.768	0.526	2.464	1.818	0.650	3.028	1.616
4618	32.695	490.987	628.722	0.348	1.607	2.759	0.529	2.480	1.844	0.653	3.037	1.648
4619	51.096	454.597	597.612	0.307	1.441	2.716	0.502	2.381	1.670	0.626	2.969	1.422
4620	30.664	496.657	703.130	0.394	1.597	3.226	0.674	2.451	2.726	0.671	3.051	1.746

4621	47.331	442.150	666.546	0.315	1.464	2.688	0.509	2.402	1.681	0.628	2.981	1.395
4622	38.162	468.260	663.682	0.333	1.541	2.727	0.519	2.441	1.768	0.638	3.016	1.484
4623	38.175	462.599	658.189	0.331	1.543	2.703	0.517	2.445	1.729	0.637	3.019	1.465
4624	30.005	464.482	643.792	0.558	1.576	4.197	0.538	2.508	1.925	0.660	3.076	1.663
4625	29.705	473.430	638.068	0.562	1.580	4.215	0.543	2.508	1.989	0.749	3.034	2.250
4626	42.005	529.753	617.690	0.322	1.500	2.683	0.512	2.418	1.701	0.631	2.998	1.405
4627	42.424	477.845	663.209	0.321	1.500	2.656	0.512	2.431	1.664	0.630	3.009	1.352
4628	28.402	482.966	655.010	0.563	1.596	4.207	0.544	2.519	1.980	0.782	3.057	2.353
4629	26.728	454.507	636.391	0.595	1.619	4.506	0.740	2.496	3.035	0.914	3.045	2.927
4630	37.465	454.757	715.140	0.338	1.545	2.783	0.525	2.459	1.788	0.638	3.026	1.451
4631	27.985	452.552	713.449	0.595	1.602	4.304	0.790	2.477	3.210	0.751	3.054	2.180
4632	48.907	479.521	708.631	0.311	1.446	2.604	0.505	2.388	1.622	0.623	2.980	1.281
4633	36.736	504.884	673.690	0.339	1.547	2.729	0.527	2.459	1.773	0.636	3.023	1.410
4634	40.965	486.472	677.317	0.324	1.511	2.644	0.513	2.427	1.676	0.636	3.000	1.468
4635	36.429	470.682	718.310	0.336	1.561	2.662	0.523	2.464	1.728	0.642	3.034	1.462
4636	36.138	481.958	650.151	0.338	1.564	2.711	0.522	2.457	1.764	0.640	3.032	1.451
4637	35.823	508.492	661.553	0.336	1.564	2.666	0.521	2.459	1.740	0.642	3.036	1.465
4638	34.212	447.742	701.680	0.345	1.592	2.740	0.528	2.475	1.821	0.649	3.037	1.580
4639	27.530	479.749	657.788	0.690	1.599	4.648	0.695	2.498	2.814	0.871	3.056	2.724
4640	42.285	453.932	671.105	0.325	1.500	2.738	0.514	2.417	1.744	0.634	2.999	1.466
4641	38.137	443.699	688.908	0.332	1.545	2.702	0.518	2.445	1.745	0.642	3.026	1.505
4642	32.538	502.194	622.289	0.348	1.609	2.745	0.529	2.484	1.833	0.651	3.050	1.582
4643	34.847	451.720	657.884	0.467	1.528	3.757	0.526	2.466	1.829	0.648	3.044	1.559
4644	30.636	427.028	640.477	0.450	1.587	3.763	0.538	2.503	1.970	0.652	3.070	1.596
4645	38.589	440.917	634.559	0.332	1.543	2.773	0.519	2.442	1.796	0.637	3.025	1.455
4646	43.137	496.379	651.823	0.322	1.490	2.709	0.507	2.419	1.594	0.629	2.994	1.394
4647	36.603	491.755	666.371	0.335	1.556	2.686	0.521	2.454	1.750	0.637	3.026	1.423
4648	54.722	466.986	629.512	0.302	1.416	2.646	0.498	2.374	1.568	0.620	2.960	1.319
4649	40.654	437.791	644.307	0.336	1.511	2.903	0.528	2.424	1.908	0.638	3.003	1.526
4650	37.688	464.886	609.215	0.341	1.549	2.828	0.521	2.457	1.740	0.638	3.026	1.459
4651	35.886	478.632	605.960	0.336	1.574	2.741	0.519	2.468	1.719	0.639	3.036	1.469
4652	39.596	493.418	646.986	0.378	1.488	3.264	0.513	2.448	1.623	0.631	3.009	1.393
4653	37.103	509.019	684.709	0.332	1.547	2.643	0.515	2.453	1.629	0.636	3.029	1.388
4654	41.679	444.146	641.236	0.326	1.514	2.710	0.511	2.431	1.642	0.632	3.009	1.397
4655	41.033	486.207	675.106	0.321	1.512	2.625	0.510	2.433	1.600	0.630	3.003	1.367
4656	36.450	470.115	636.169	0.337	1.566	2.715	0.519	2.461	1.700	0.639	3.031	1.456
4657	44.032	473.344	676.047	0.317	1.487	2.636	0.509	2.432	1.565	0.628	3.003	1.334
4658	42.066	466.788	641.973	0.323	1.509	2.680	0.512	2.439	1.616	0.630	3.001	1.387
4659	31.191	499.113	698.639	0.395	1.588	3.241	0.529	2.501	1.743	0.648	3.072	1.482
4660	39.066	502.783	648.485	0.331	1.528	2.694	0.517	2.452	1.638	0.634	3.014	1.401
4661	29.033	487.919	663.023	0.521	1.591	4.005	0.552	2.511	2.003	0.692	3.060	1.870
4662	40.912	418.750	609.570	0.331	1.524	2.825	0.516	2.439	1.732	0.633	3.009	1.444
4663	19.459	469.973	665.609	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4664	31.089	495.441	661.353	0.384	1.592	3.192	0.552	2.484	2.012	0.659	3.050	1.639

4665	41.647	449.576	640.717	0.404	1.471	3.462	0.514	2.443	1.644	0.632	3.009	1.394
4666	35.005	486.868	615.927	0.368	1.552	3.138	0.521	2.475	1.714	0.641	3.039	1.476
4667	32.652	440.865	629.355	0.351	1.618	2.831	0.528	2.494	1.813	0.647	3.056	1.544
4668	34.721	495.090	648.871	0.339	1.577	2.722	0.520	2.470	1.709	0.641	3.049	1.434
4669	42.033	530.168	640.801	0.320	1.498	2.619	0.510	2.438	1.561	0.629	3.001	1.349
4670	54.299	443.883	652.688	0.304	1.418	2.690	0.497	2.374	1.559	0.620	2.968	1.295
4671	38.286	455.087	695.334	0.340	1.530	2.847	0.521	2.443	1.745	0.635	3.021	1.408
4672	28.921	429.735	647.969	0.544	1.597	4.252	0.542	2.540	1.897	0.658	3.083	1.643
4673	31.485	527.476	648.769	0.351	1.610	2.782	0.529	2.493	1.770	0.644	3.053	1.489
4674	37.097	471.930	644.852	0.337	1.553	2.761	0.519	2.457	1.703	0.637	3.025	1.441
4675	38.059	465.556	636.134	0.340	1.537	2.855	0.515	2.451	1.674	0.636	3.023	1.434
4676	25.630	475.629	695.831	0.731	1.620	4.830	0.699	2.504	2.815	0.813	3.069	2.420
4677	44.973	439.832	627.875	0.324	1.481	2.810	0.513	2.427	1.664	0.628	2.996	1.376
4678	30.375	469.562	710.790	0.356	1.638	2.779	0.534	2.523	1.773	0.688	3.050	1.830
4679	40.364	406.333	617.649	0.333	1.532	2.820	0.516	2.441	1.735	0.635	3.015	1.456
4680	35.324	453.097	669.260	0.337	1.576	2.728	0.519	2.469	1.708	0.638	3.034	1.459
4681	39.529	469.709	653.900	0.328	1.530	2.688	0.513	2.445	1.638	0.634	3.021	1.394
4682	28.642	470.311	628.874	0.652	1.584	4.564	0.611	2.490	2.428	0.699	3.061	1.941
4683	32.163	505.664	666.633	0.347	1.608	2.723	0.526	2.492	1.728	0.645	3.053	1.487
4684	26.617	408.071	657.372	0.972	1.597	5.646	0.676	2.506	2.812	0.930	3.055	2.822
4685	31.447	460.215	653.444	0.359	1.621	2.902	0.534	2.501	1.847	0.647	3.060	1.532
4686	36.813	462.339	633.942	0.337	1.559	2.762	0.518	2.458	1.716	0.638	3.030	1.452
4687	43.945	439.335	647.524	0.319	1.495	2.707	0.510	2.432	1.621	0.629	3.000	1.378
4688	42.287	455.168	707.070	0.320	1.502	2.634	0.508	2.425	1.595	0.629	3.002	1.360
4689	27.247	475.698	683.349	0.993	1.585	5.348	0.641	2.503	2.542	0.747	3.056	2.170
4690	39.462	467.595	630.186	0.334	1.527	2.794	0.517	2.438	1.720	0.635	3.023	1.406
4691	37.617	460.559	624.185	0.333	1.556	2.722	0.516	2.456	1.698	0.636	3.023	1.451
4692	26.745	471.528	643.995	0.573	1.620	4.345	0.688	2.490	2.799	0.750	3.058	2.219
4693	29.810	396.051	705.614	0.538	1.584	4.216	0.627	2.502	2.464	0.745	3.048	2.161
4694	35.776	490.867	705.329	0.338	1.561	2.688	0.519	2.462	1.671	0.638	3.032	1.418
4695	36.964	449.055	681.539	0.337	1.558	2.700	0.519	2.460	1.680	0.639	3.031	1.439
4696	44.444	501.190	618.986	0.317	1.484	2.651	0.512	2.408	1.683	0.627	2.992	1.355
4697	62.466	456.006	663.159	0.288	1.359	2.567	0.488	2.341	1.451	0.611	2.931	1.220
4698	45.256	420.059	591.463	0.321	1.490	2.785	0.509	2.422	1.667	0.629	2.997	1.400
4699	32.734	516.828	654.777	0.401	1.555	3.360	0.573	2.464	2.129	0.676	3.030	1.751
4700	43.245	476.005	616.138	0.322	1.496	2.715	0.510	2.432	1.612	0.629	3.000	1.376
4701	27.105	504.449	639.042	0.797	1.595	4.895	0.697	2.496	2.741	0.757	3.057	2.211
4702	31.404	456.082	671.159	0.486	1.569	3.858	0.537	2.498	1.876	0.648	3.061	1.535
4703	57.603	418.262	686.223	0.300	1.395	2.744	0.497	2.363	1.589	0.618	2.955	1.306
4704	26.497	466.915	650.569	1.023	1.594	5.583	0.677	2.505	2.743	0.818	3.057	2.460
4705	53.616	435.547	647.620	0.306	1.420	2.747	0.499	2.374	1.598	0.620	2.965	1.314
4706	44.288	468.200	699.172	0.324	1.474	2.778	0.510	2.410	1.650	0.625	2.991	1.327
4707	38.169	490.762	657.118	0.332	1.540	2.678	0.516	2.450	1.646	0.636	3.022	1.402
4708	40.149	474.750	638.848	0.327	1.523	2.695	0.512	2.439	1.637	0.634	3.018	1.395

4709	59.187	478.600	654.829	0.295	1.384	2.645	0.493	2.360	1.514	0.616	2.950	1.267
4710	46.036	487.714	711.013	0.337	1.448	2.909	0.518	2.392	1.733	0.630	2.988	1.371
4711	33.103	471.212	633.309	0.352	1.601	2.830	0.529	2.483	1.800	0.646	3.050	1.515
4712	30.766	498.290	666.775	0.354	1.626	2.789	0.641	2.461	2.480	0.647	3.061	1.517
4713	32.630	496.567	687.274	0.350	1.598	2.768	0.528	2.487	1.749	0.646	3.065	1.453
4714	43.689	441.879	668.863	0.322	1.494	2.700	0.509	2.422	1.623	0.629	3.000	1.371
4715	33.130	468.153	676.974	0.347	1.600	2.754	0.525	2.485	1.740	0.644	3.050	1.487
4716	35.124	511.435	653.913	0.339	1.570	2.701	0.520	2.469	1.681	0.639	3.034	1.438
4717	34.862	506.532	639.743	0.340	1.575	2.713	0.521	2.469	1.702	0.640	3.035	1.455
4718	36.440	473.968	724.457	0.336	1.558	2.678	0.518	2.461	1.654	0.638	3.030	1.416
4719	32.722	460.618	660.665	0.379	1.580	3.158	0.529	2.495	1.755	0.647	3.052	1.523
4720	53.081	447.251	674.875	0.304	1.425	2.646	0.499	2.381	1.554	0.621	2.976	1.282
4721	36.902	486.422	659.533	0.344	1.543	2.857	0.523	2.449	1.764	0.638	3.037	1.408
4722	32.743	458.877	700.709	0.349	1.608	2.742	0.527	2.493	1.738	0.645	3.050	1.494
4723	37.053	451.102	673.795	0.336	1.556	2.718	0.518	2.456	1.692	0.638	3.027	1.438
4724	36.758	488.136	624.291	0.335	1.559	2.715	0.517	2.459	1.681	0.637	3.026	1.448
4725	31.496	448.161	647.016	0.354	1.630	2.821	0.531	2.508	1.801	0.648	3.059	1.551
4726	27.261	497.039	641.463	0.777	1.594	4.859	0.663	2.498	2.629	0.737	3.056	2.134
4727	30.344	433.533	651.846	0.523	1.573	4.161	0.542	2.510	1.953	0.652	3.071	1.594
4728	27.836	424.289	654.255	0.675	1.595	4.778	0.662	2.501	2.688	0.758	3.062	2.240
4729	38.450	494.371	646.919	0.331	1.534	2.730	0.516	2.447	1.678	0.634	3.022	1.397
4730	33.395	523.603	666.326	0.343	1.590	2.688	0.523	2.479	1.693	0.641	3.041	1.455
4731	39.463	476.631	714.276	0.328	1.525	2.646	0.513	2.440	1.616	0.633	3.014	1.374
4732	40.298	459.341	680.515	0.327	1.522	2.659	0.512	2.437	1.621	0.634	3.016	1.388
4733	24.421	455.556	655.194	0.955	1.624	5.635	0.000	0.000	0.000	0.958	3.072	2.894
4734	44.194	485.353	615.780	0.323	1.481	2.782	0.510	2.413	1.667	0.627	2.994	1.364
4735	32.658	476.594	662.652	0.347	1.606	2.761	0.526	2.490	1.754	0.644	3.054	1.490
4736	32.940	461.448	697.168	0.349	1.603	2.764	0.527	2.490	1.745	0.644	3.049	1.489
4737	51.442	450.347	690.341	0.306	1.435	2.622	0.500	2.386	1.547	0.622	2.979	1.287
4738	31.584	481.211	704.839	0.361	1.610	2.874	0.543	2.489	1.907	0.647	3.060	1.497
4739	25.469	475.230	626.883	0.996	1.611	5.563	0.658	2.513	2.718	0.746	3.074	2.228
4740	45.662	494.804	702.642	0.318	1.463	2.684	0.506	2.403	1.592	0.624	2.988	1.305
4741	24.988	431.446	686.444	1.447	1.612	6.455	0.976	2.494	3.646	0.857	3.067	2.632
4742	34.846	469.835	661.478	0.349	1.571	2.866	0.527	2.469	1.786	0.641	3.041	1.458
4743	25.006	484.558	665.581	1.118	1.615	5.732	0.900	2.511	3.341	0.923	3.071	2.730
4744	39.836	473.059	638.202	0.334	1.519	2.811	0.517	2.438	1.713	0.632	3.010	1.400
4745	39.711	468.381	707.953	0.325	1.524	2.639	0.512	2.442	1.611	0.634	3.025	1.361
4746	34.020	465.932	650.544	0.345	1.593	2.749	0.524	2.481	1.731	0.643	3.040	1.501
4747	46.516	432.978	692.839	0.314	1.472	2.668	0.505	2.413	1.588	0.626	2.987	1.349
4748	23.806	496.047	646.473	1.080	1.629	5.771	0.906	2.523	3.398	0.953	3.075	2.869
4749	33.414	478.787	653.979	0.357	1.583	2.945	0.533	2.477	1.846	0.644	3.043	1.504
4750	34.880	448.308	707.073	0.343	1.581	2.743	0.522	2.473	1.718	0.641	3.038	1.463
4751	33.305	487.333	583.880	0.349	1.606	2.797	0.526	2.487	1.777	0.646	3.050	1.531
4752	40.995	464.578	697.134	0.323	1.511	2.673	0.510	2.433	1.621	0.630	3.007	1.368

4753	42.075	502.681	679.338	0.321	1.500	2.607	0.508	2.424	1.573	0.631	3.009	1.337
4754	35.986	462.313	614.682	0.341	1.573	2.775	0.522	2.471	1.727	0.640	3.032	1.480
4755	27.318	466.279	684.595	0.626	1.610	4.441	0.653	2.505	2.586	0.776	3.057	2.281
4756	32.621	504.771	623.634	0.354	1.598	2.861	0.530	2.483	1.810	0.645	3.052	1.496
4757	31.733	455.820	679.801	0.355	1.623	2.821	0.533	2.513	1.778	0.648	3.064	1.518
4758	37.484	467.428	704.867	0.333	1.545	2.686	0.517	2.454	1.656	0.636	3.023	1.409
4759	31.673	439.007	600.447	0.357	1.636	2.873	0.533	2.507	1.845	0.651	3.059	1.596
4760	28.908	450.281	668.719	0.617	1.587	4.439	0.645	2.484	2.568	0.740	3.055	2.124
4761	35.193	484.177	642.559	0.342	1.572	2.777	0.000	0.000	0.000	0.000	0.000	0.000
4762	44.327	490.797	665.657	0.316	1.484	2.622	0.508	2.430	1.555	0.627	2.994	1.338
4763	23.400	500.599	677.345	1.862	1.614	7.217	1.058	2.530	3.683	0.926	3.099	2.749
4764	31.566	475.842	609.038	0.371	1.607	3.088	0.544	2.490	1.969	0.652	3.054	1.603
4765	45.689	484.407	662.171	0.314	1.472	2.651	0.506	2.417	1.569	0.624	2.985	1.334
4766	37.835	535.189	622.365	0.332	1.538	2.687	0.515	2.447	1.651	0.634	3.016	1.401
4767	44.322	435.779	652.773	0.319	1.491	2.707	0.509	2.428	1.617	0.628	2.992	1.384
4768	30.713	454.835	587.452	0.359	1.647	2.899	0.534	2.514	1.866	0.651	3.069	1.597
4769	36.021	526.703	703.091	0.333	1.554	2.658	0.516	2.458	1.644	0.635	3.030	1.385
4770	25.416	408.551	608.388	1.052	1.613	6.020	0.791	2.527	3.222	0.973	3.069	2.976
4771	42.405	488.256	664.109	0.321	1.493	2.729	0.509	2.418	1.649	0.628	3.001	1.354
4772	40.352	459.123	652.456	0.327	1.524	2.693	0.514	2.450	1.628	0.634	3.017	1.394
4773	32.011	456.858	634.576	0.352	1.624	2.813	0.529	2.500	1.792	0.648	3.059	1.542
4774	28.684	449.894	688.511	0.511	1.603	4.009	0.637	2.491	2.516	0.731	3.061	2.073
4775	42.129	435.804	678.473	0.326	1.505	2.743	0.512	2.426	1.663	0.631	3.004	1.393
4776	42.521	460.004	632.948	0.322	1.506	2.694	0.510	2.429	1.630	0.631	3.007	1.379
4777	47.974	416.355	700.615	0.312	1.460	2.705	0.504	2.405	1.603	0.624	2.982	1.348
4778	45.000	485.510	633.803	0.317	1.478	2.677	0.507	2.407	1.623	0.626	2.987	1.352
4779	41.267	449.553	673.542	0.324	1.514	2.689	0.511	2.434	1.629	0.631	3.011	1.377
4780	41.533	467.399	655.746	0.323	1.512	2.652	0.511	2.439	1.608	0.632	3.013	1.371
4781	35.538	485.417	664.599	0.338	1.570	2.703	0.520	2.468	1.683	0.639	3.036	1.443
4782	31.359	508.952	624.612	0.353	1.620	2.784	0.529	2.500	1.766	0.647	3.056	1.527
4783	25.526	472.183	622.277	0.945	1.611	5.486	0.746	2.500	3.037	0.941	3.060	2.830
4784	34.908	493.301	640.741	0.345	1.567	2.844	0.525	2.465	1.775	0.638	3.035	1.450
4785	35.647	447.378	644.711	0.340	1.576	2.767	0.522	2.472	1.731	0.640	3.038	1.474
4786	38.539	466.870	621.007	0.331	1.544	2.727	0.514	2.447	1.684	0.637	3.034	1.415
4787	32.206	493.991	664.835	0.346	1.609	2.729	0.525	2.491	1.727	0.645	3.054	1.491
4788	36.823	467.464	682.046	0.337	1.553	2.724	0.518	2.457	1.683	0.638	3.029	1.426
4789	38.516	462.657	691.086	0.330	1.538	2.662	0.514	2.447	1.635	0.634	3.016	1.406
4790	37.042	494.746	658.237	0.334	1.551	2.676	0.516	2.456	1.650	0.636	3.022	1.422
4791	40.700	454.014	692.336	0.326	1.518	2.669	0.511	2.435	1.620	0.633	3.018	1.373
4792	39.527	450.297	646.665	0.330	1.534	2.706	0.514	2.447	1.654	0.635	3.017	1.419
4793	42.215	426.580	684.320	0.322	1.510	2.691	0.511	2.437	1.628	0.631	3.008	1.384
4794	40.733	451.693	604.317	0.326	1.528	2.715	0.512	2.439	1.669	0.635	3.023	1.410
4795	37.265	448.773	666.395	0.332	1.555	2.716	0.516	2.455	1.686	0.636	3.029	1.431
4796	38.767	493.308	656.485	0.328	1.534	2.658	0.514	2.448	1.629	0.634	3.017	1.399

4797	35.110	451.118	686.070	0.340	1.578	2.720	0.521	2.471	1.702	0.641	3.038	1.463
4798	30.105	547.330	681.462	0.354	1.628	2.710	0.531	2.506	1.737	0.648	3.063	1.496
4799	40.620	490.155	741.069	0.328	1.508	2.650	0.514	2.444	1.580	0.630	3.003	1.353
4800	27.009	419.766	625.780	0.817	1.594	5.316	0.728	2.500	2.977	0.780	3.068	2.365
4801	29.993	480.770	665.396	0.377	1.622	3.093	0.537	2.512	1.859	0.650	3.072	1.538
4802	29.399	504.057	681.708	0.477	1.589	3.751	0.591	2.493	2.233	0.651	3.074	1.533
4803	54.583	474.667	688.291	0.302	1.411	2.598	0.496	2.371	1.510	0.618	2.960	1.262
4804	27.024	496.180	661.382	0.600	1.613	4.338	0.643	2.508	2.539	0.721	3.074	2.032
4805	35.000	464.966	695.939	0.348	1.572	2.827	0.526	2.468	1.766	0.641	3.040	1.452
4806	37.886	459.493	672.074	0.333	1.547	2.690	0.516	2.453	1.658	0.637	3.024	1.423
4807	27.970	475.859	691.032	0.571	1.603	4.208	0.663	2.488	2.619	0.734	3.058	2.086
4808	28.259	478.283	652.366	0.559	1.600	4.195	0.606	2.500	2.373	0.709	3.062	1.982
4809	31.790	482.918	678.701	0.355	1.609	2.836	0.531	2.491	1.803	0.695	3.035	1.861
4810	39.811	487.809	621.081	0.329	1.526	2.717	0.514	2.439	1.663	0.634	3.015	1.401
4811	38.642	446.241	637.498	0.331	1.544	2.730	0.515	2.452	1.683	0.635	3.019	1.437
4812	34.711	440.051	669.047	0.341	1.587	2.740	0.522	2.478	1.723	0.641	3.038	1.483
4813	37.339	475.103	723.170	0.333	1.549	2.652	0.516	2.454	1.637	0.637	3.031	1.392
4814	33.456	439.883	712.699	0.349	1.603	2.746	0.527	2.488	1.738	0.645	3.046	1.504
4815	33.323	465.294	669.765	0.348	1.598	2.764	0.526	2.484	1.739	0.645	3.048	1.495
4816	33.670	478.351	680.470	0.344	1.592	2.726	0.525	2.482	1.725	0.642	3.043	1.473
4817	25.751	463.709	649.486	0.953	1.607	5.478	0.663	2.518	2.705	0.756	3.076	2.252
4818	37.848	508.721	730.982	0.334	1.530	2.697	0.518	2.454	1.640	0.634	3.024	1.354
4819	33.722	474.303	655.250	0.348	1.593	2.758	0.526	2.482	1.735	0.644	3.040	1.503
4820	35.627	486.267	666.758	0.338	1.567	2.715	0.520	2.466	1.690	0.639	3.037	1.437
4821	34.028	469.226	700.023	0.343	1.586	2.716	0.523	2.476	1.711	0.642	3.040	1.463
4822	48.605	443.996	687.188	0.312	1.455	2.647	0.502	2.395	1.565	0.625	2.985	1.320
4823	33.248	463.227	659.863	0.349	1.598	2.802	0.527	2.483	1.777	0.644	3.050	1.491
4824	33.057	432.299	613.210	0.352	1.614	2.868	0.528	2.492	1.823	0.666	3.038	1.744
4825	26.061	455.042	772.250	0.867	1.602	5.083	0.735	2.501	2.868	0.888	3.070	2.559
4826	37.354	463.289	702.417	0.344	1.544	2.800	0.524	2.456	1.722	0.638	3.026	1.423
4827	33.215	463.997	678.052	0.347	1.600	2.737	0.525	2.484	1.736	0.645	3.049	1.494
4828	57.200	431.862	697.070	0.301	1.402	2.679	0.497	2.370	1.544	0.617	2.955	1.286
4829	27.960	457.594	634.596	0.591	1.602	4.401	0.722	2.484	2.871	0.774	3.049	2.288
4830	30.042	447.421	665.314	0.468	1.591	3.811	0.552	2.499	2.048	0.651	3.071	1.574
4831	30.208	491.452	657.671	0.467	1.581	3.741	0.535	2.509	1.826	0.649	3.065	1.541
4832	42.513	460.989	654.132	0.324	1.502	2.709	0.510	2.423	1.642	0.630	3.006	1.371
4833	42.858	511.275	653.849	0.319	1.492	2.635	0.509	2.433	1.564	0.628	3.000	1.343
4834	34.808	461.320	674.540	0.342	1.580	2.731	0.522	2.471	1.722	0.641	3.037	1.465
4835	31.599	438.418	624.645	0.356	1.635	2.856	0.532	2.505	1.838	0.650	3.063	1.576
4836	40.220	470.119	655.297	0.326	1.522	2.694	0.513	2.445	1.634	0.632	3.012	1.392
4837	27.953	438.926	659.829	0.623	1.602	4.533	0.627	2.500	2.522	0.754	3.063	2.199
4838	42.603	464.187	634.463	0.323	1.500	2.740	0.512	2.434	1.643	0.630	3.002	1.385
4839	22.230	453.852	609.592	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4840	31.230	465.376	661.234	0.457	1.573	3.706	0.541	2.488	1.948	0.651	3.055	1.585

4841	40.739	436.954	646.212	0.328	1.522	2.742	0.513	2.438	1.675	0.634	3.020	1.403
4842	29.693	451.656	667.106	0.361	1.660	2.825	0.535	2.527	1.824	0.652	3.073	1.582
4843	36.478	484.721	600.815	0.338	1.562	2.782	0.520	2.459	1.740	0.638	3.031	1.459
4844	34.140	490.035	672.147	0.340	1.585	2.705	0.521	2.479	1.692	0.643	3.057	1.433
4845	29.565	472.326	685.738	0.447	1.597	3.636	0.537	2.521	1.821	0.654	3.076	1.564
4846	38.775	431.330	619.777	0.336	1.545	2.802	0.518	2.451	1.732	0.637	3.022	1.456
4847	42.233	432.622	725.730	0.319	1.504	2.655	0.508	2.425	1.620	0.629	3.005	1.365
4848	46.401	452.105	691.883	0.314	1.472	2.614	0.504	2.407	1.566	0.626	2.987	1.339
4849	50.145	471.023	625.140	0.309	1.443	2.665	0.500	2.387	1.574	0.622	2.972	1.322
4850	33.052	519.504	646.741	0.349	1.589	2.808	0.527	2.479	1.768	0.642	3.049	1.457
4851	27.932	412.056	665.222	0.797	1.580	5.157	0.643	2.492	2.641	0.735	3.066	2.152
4852	30.652	505.836	661.096	0.357	1.622	2.842	0.585	2.479	2.207	0.648	3.066	1.513
4853	31.910	468.136	663.524	0.356	1.614	2.845	0.531	2.494	1.808	0.647	3.056	1.520
4854	27.407	486.670	673.686	0.592	1.609	4.304	0.648	2.500	2.561	0.769	3.071	2.201
4855	31.044	501.281	724.616	0.466	1.569	3.641	0.537	2.510	1.786	0.649	3.071	1.474
4856	41.021	458.284	643.776	0.330	1.516	2.734	0.515	2.445	1.646	0.634	3.015	1.397
4857	39.652	443.744	652.764	0.327	1.533	2.699	0.513	2.446	1.657	0.635	3.025	1.405
4858	39.388	533.269	670.360	0.324	1.523	2.587	0.512	2.442	1.588	0.631	3.008	1.364
4859	32.588	476.325	631.300	0.351	1.610	2.792	0.528	2.490	1.780	0.646	3.052	1.521
4860	36.048	397.581	683.047	0.342	1.578	2.817	0.522	2.471	1.760	0.640	3.034	1.495
4861	52.302	448.740	668.124	0.306	1.428	2.678	0.499	2.381	1.568	0.621	2.971	1.298
4862	51.137	437.777	657.432	0.309	1.436	2.730	0.501	2.384	1.606	0.621	2.969	1.320
4863	54.793	453.356	649.371	0.303	1.411	2.712	0.497	2.369	1.580	0.619	2.967	1.276
4864	42.105	483.392	642.455	0.330	1.493	2.829	0.514	2.422	1.697	0.628	3.000	1.368
4865	35.668	468.546	581.075	0.340	1.581	2.788	0.521	2.471	1.754	0.640	3.033	1.502
4866	30.956	471.802	664.419	0.352	1.633	2.771	0.604	2.472	2.335	0.647	3.065	1.527
4867	46.273	473.842	643.796	0.315	1.471	2.666	0.505	2.403	1.608	0.625	2.985	1.342
4868	36.405	457.865	692.571	0.338	1.561	2.737	0.520	2.463	1.697	0.638	3.034	1.427
4869	38.280	473.566	700.049	0.331	1.540	2.648	0.515	2.451	1.625	0.636	3.025	1.393
4870	29.264	457.902	598.517	0.472	1.601	3.918	0.540	2.534	1.891	0.656	3.076	1.643
4871	51.902	433.110	672.503	0.305	1.431	2.720	0.499	2.382	1.589	0.621	2.973	1.316
4872	29.099	465.271	674.290	0.375	1.651	3.010	0.544	2.515	1.941	0.731	3.051	2.071
4873	32.963	476.199	714.090	0.350	1.597	2.774	0.528	2.483	1.755	0.643	3.047	1.472
4874	28.911	477.223	640.163	0.579	1.588	4.252	0.622	2.492	2.441	0.656	3.078	1.602
4875	40.742	473.402	639.210	0.327	1.516	2.735	0.513	2.435	1.668	0.633	3.015	1.389
4876	27.847	480.789	621.093	0.529	1.610	4.139	0.590	2.504	2.330	0.717	3.063	2.041
4877	21.480	523.460	704.260	3.409	1.657	8.912	0.966	2.522	3.653	0.000	0.000	0.000
4878	33.280	499.366	692.544	0.369	1.572	3.009	0.540	2.471	1.876	0.649	3.044	1.522
4879	38.724	459.981	649.541	0.332	1.539	2.717	0.516	2.450	1.671	0.635	3.018	1.425
4880	35.316	472.049	646.796	0.338	1.577	2.717	0.536	2.467	1.870	0.639	3.035	1.461
4881	47.585	443.629	699.262	0.311	1.460	2.643	0.505	2.412	1.552	0.624	2.981	1.327
4882	38.468	464.065	681.161	0.333	1.536	2.717	0.516	2.446	1.669	0.634	3.017	1.405
4883	28.716	491.900	655.124	0.535	1.583	4.130	0.604	2.491	2.350	0.704	3.060	1.934
4884	30.322	534.537	717.879	0.446	1.575	3.522	0.547	2.487	1.920	0.650	3.059	1.519

4885	28.618	482.033	670.715	0.531	1.599	4.060	0.594	2.496	2.299	0.707	3.059	1.960
4886	35.218	461.629	590.562	0.347	1.580	2.882	0.525	2.468	1.809	0.641	3.037	1.509
4887	25.353	509.192	641.532	0.910	1.610	5.274	0.856	2.514	3.174	0.779	3.067	2.317
4888	44.008	513.483	670.806	0.322	1.476	2.702	0.509	2.412	1.614	0.626	2.993	1.323
4889	35.710	460.495	642.183	0.341	1.572	2.754	0.522	2.468	1.726	0.640	3.032	1.470
4890	40.415	481.419	622.091	0.325	1.523	2.690	0.512	2.437	1.647	0.633	3.017	1.395
4891	28.511	460.397	686.699	0.604	1.593	4.348	0.541	2.544	1.843	0.724	3.057	2.049
4892	32.452	514.358	622.160	0.353	1.600	2.836	0.529	2.483	1.794	0.644	3.048	1.501
4893	21.326	498.560	663.041	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4894	27.353	465.977	637.318	0.666	1.603	4.675	0.651	2.506	2.618	0.734	3.065	2.135
4895	35.227	440.846	732.707	0.345	1.569	2.807	0.524	2.469	1.747	0.639	3.035	1.446
4896	30.253	499.753	710.118	0.358	1.635	2.750	0.543	2.499	1.888	0.651	3.066	1.524
4897	39.381	506.390	701.360	0.330	1.519	2.659	0.515	2.443	1.615	0.632	3.008	1.372
4898	34.762	467.456	654.525	0.344	1.582	2.746	0.523	2.473	1.721	0.643	3.040	1.482
4899	36.112	457.841	678.672	0.337	1.565	2.719	0.519	2.465	1.690	0.639	3.034	1.442
4900	40.800	465.852	668.499	0.325	1.518	2.663	0.512	2.440	1.615	0.631	3.005	1.389
4901	31.847	493.688	644.418	0.350	1.615	2.765	0.528	2.499	1.752	0.646	3.054	1.515
4902	26.475	462.925	664.061	0.792	1.600	5.075	0.659	2.513	2.650	0.800	3.063	2.389
4903	33.037	474.295	638.195	0.353	1.596	2.881	0.531	2.482	1.828	0.644	3.051	1.500
4904	38.338	456.337	684.813	0.331	1.539	2.700	0.515	2.451	1.654	0.635	3.020	1.411
4905	36.927	493.393	657.726	0.333	1.554	2.666	0.517	2.459	1.654	0.636	3.023	1.424
4906	48.803	446.428	612.042	0.313	1.456	2.736	0.503	2.397	1.610	0.624	2.979	1.358
4907	32.780	461.846	669.773	0.350	1.602	2.827	0.542	2.475	1.948	0.643	3.050	1.491
4908	33.530	472.108	630.992	0.347	1.599	2.786	0.526	2.484	1.765	0.644	3.045	1.506
4909	33.029	491.772	701.842	0.345	1.596	2.706	0.524	2.486	1.710	0.643	3.049	1.462
4910	45.188	504.927	646.906	0.316	1.475	2.622	0.507	2.419	1.555	0.626	2.988	1.333
4911	37.887	452.595	643.162	0.335	1.549	2.753	0.517	2.452	1.698	0.636	3.022	1.437
4912	40.023	503.373	682.485	0.324	1.519	2.613	0.511	2.438	1.597	0.631	3.010	1.364
4913	36.700	492.783	675.384	0.335	1.555	2.665	0.517	2.457	1.656	0.638	3.027	1.423
4914	34.287	456.884	666.576	0.344	1.589	2.738	0.524	2.479	1.725	0.643	3.042	1.486
4915	45.862	467.039	622.534	0.315	1.477	2.681	0.505	2.409	1.605	0.627	2.995	1.350
4916	39.045	471.953	631.065	0.331	1.534	2.752	0.514	2.447	1.677	0.634	3.018	1.414
4917	25.284	473.741	635.713	0.804	1.618	5.175	0.740	2.518	2.966	0.773	3.076	2.332
4918	28.022	487.898	612.872	0.510	1.608	4.060	0.585	2.504	2.292	0.757	3.051	2.221
4919	26.165	473.978	660.700	0.590	1.628	4.413	0.737	2.501	2.935	0.804	3.058	2.417
4920	39.541	453.429	689.204	0.333	1.522	2.781	0.517	2.439	1.698	0.632	3.012	1.398
4921	28.450	494.243	633.740	0.507	1.601	3.983	0.623	2.494	2.441	0.725	3.046	2.072
4922	44.540	467.778	647.545	0.319	1.482	2.716	0.508	2.419	1.623	0.628	2.998	1.347
4923	34.093	435.616	656.899	0.346	1.594	2.803	0.525	2.484	1.763	0.642	3.042	1.502
4924	35.497	481.539	717.847	0.336	1.566	2.663	0.519	2.468	1.656	0.637	3.030	1.422
4925	35.555	475.937	692.217	0.340	1.568	2.690	0.521	2.468	1.674	0.640	3.035	1.442
4926	39.367	470.846	663.299	0.329	1.531	2.671	0.514	2.445	1.635	0.635	3.020	1.396
4927	35.938	452.985	647.851	0.339	1.573	2.735	0.520	2.468	1.708	0.640	3.035	1.467
4928	32.312	450.787	630.356	0.351	1.622	2.807	0.528	2.496	1.799	0.646	3.054	1.545

4929	33.195	461.697	706.782	0.346	1.599	2.754	0.526	2.487	1.741	0.644	3.055	1.469
4930	37.918	435.814	675.356	0.335	1.548	2.734	0.517	2.451	1.691	0.637	3.024	1.439
4931	41.452	538.154	696.886	0.319	1.500	2.547	0.508	2.426	1.548	0.628	2.999	1.326
4932	44.115	462.472	617.005	0.321	1.493	2.690	0.510	2.427	1.610	0.630	2.999	1.381
4933	37.973	498.904	617.979	0.330	1.544	2.705	0.515	2.453	1.665	0.634	3.019	1.424
4934	41.223	437.820	575.964	0.328	1.525	2.801	0.513	2.441	1.701	0.632	3.007	1.450
4935	28.167	417.952	652.446	0.683	1.590	4.809	0.626	2.500	2.548	0.743	3.060	2.186
4936	28.190	445.751	655.417	0.595	1.601	4.409	0.597	2.505	2.366	0.697	3.077	1.922
4937	46.256	448.782	700.085	0.316	1.466	2.696	0.506	2.409	1.593	0.625	2.987	1.334
4938	44.738	438.996	629.896	0.320	1.489	2.726	0.508	2.415	1.642	0.629	2.997	1.377
4939	33.358	485.456	675.855	0.344	1.595	2.734	0.524	2.485	1.724	0.645	3.065	1.443
4940	31.246	478.069	660.974	0.355	1.625	2.796	0.532	2.503	1.791	0.651	3.076	1.509
4941	43.958	472.956	649.348	0.319	1.488	2.677	0.508	2.423	1.601	0.629	3.003	1.346
4942	39.467	450.111	669.303	0.328	1.531	2.694	0.513	2.443	1.645	0.633	3.013	1.409
4943	32.579	489.567	744.946	0.346	1.603	2.667	0.525	2.489	1.686	0.645	3.063	1.435
4944	44.880	477.775	663.997	0.319	1.481	2.634	0.509	2.424	1.564	0.627	2.988	1.351
4945	37.213	533.763	628.711	0.332	1.545	2.673	0.516	2.455	1.647	0.635	3.020	1.407
4946	35.788	441.967	663.093	0.340	1.574	2.752	0.521	2.470	1.720	0.642	3.046	1.453
4947	27.582	459.569	651.865	0.638	1.605	4.557	0.544	2.550	1.908	0.755	3.064	2.209
4948	34.178	435.580	633.770	0.350	1.591	2.893	0.528	2.478	1.829	0.643	3.046	1.515
4949	38.804	433.439	607.118	0.332	1.547	2.783	0.516	2.454	1.711	0.636	3.022	1.457
4950	41.008	484.314	655.133	0.321	1.513	2.655	0.510	2.433	1.623	0.630	3.007	1.371
4951	49.218	400.319	645.106	0.313	1.453	2.794	0.504	2.396	1.653	0.624	2.976	1.376
4952	33.719	461.682	672.187	0.346	1.591	2.797	0.525	2.478	1.764	0.642	3.047	1.474
4953	33.488	442.174	684.918	0.349	1.603	2.782	0.527	2.490	1.757	0.645	3.050	1.504
4954	41.221	475.881	653.036	0.324	1.513	2.665	0.511	2.433	1.622	0.632	3.011	1.372
4955	28.795	474.368	656.604	0.603	1.586	4.338	0.610	2.493	2.387	0.701	3.070	1.911
4956	30.317	483.524	604.467	0.418	1.592	3.539	0.537	2.506	1.894	0.651	3.069	1.575
4957	31.467	488.142	638.795	0.390	1.585	3.280	0.531	2.498	1.813	0.646	3.057	1.520
4958	34.169	494.004	676.329	0.377	1.553	3.146	0.523	2.476	1.717	0.641	3.042	1.452
4959	26.702	483.614	634.762	0.632	1.614	4.540	0.642	2.503	2.599	0.756	3.061	2.236
4960	45.682	425.881	648.773	0.320	1.476	2.802	0.510	2.422	1.654	0.627	2.994	1.369
4961	28.536	413.834	631.097	0.572	1.599	4.455	0.650	2.501	2.643	0.658	3.092	1.663
4962	34.393	458.158	660.169	0.344	1.584	2.803	0.523	2.472	1.764	0.640	3.039	1.477
4963	35.621	456.603	665.315	0.339	1.572	2.739	0.520	2.469	1.704	0.640	3.037	1.456
4964	44.961	461.172	654.413	0.316	1.483	2.652	0.507	2.418	1.590	0.628	2.997	1.346
4965	42.444	463.746	625.263	0.323	1.505	2.714	0.511	2.437	1.628	0.631	3.009	1.383
4966	37.649	454.858	670.965	0.338	1.541	2.816	0.515	2.453	1.670	0.635	3.022	1.425
4967	32.372	498.543	716.657	0.347	1.607	2.686	0.528	2.504	1.680	0.645	3.054	1.468
4968	35.377	481.839	645.883	0.343	1.571	2.753	0.523	2.469	1.724	0.641	3.033	1.466
4969	32.911	461.455	637.735	0.349	1.610	2.789	0.528	2.494	1.772	0.645	3.049	1.522
4970	47.061	507.578	669.508	0.311	1.459	2.596	0.502	2.402	1.538	0.623	2.982	1.302
4971	34.750	464.533	631.038	0.347	1.579	2.843	0.527	2.481	1.765	0.642	3.041	1.483
4972	34.482	481.288	692.268	0.340	1.579	2.707	0.521	2.472	1.692	0.641	3.043	1.442

4973	20.723	441.658	658.793	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4974	38.679	480.771	661.445	0.343	1.520	2.908	0.525	2.447	1.760	0.636	3.015	1.435
4975	33.004	460.534	690.808	0.348	1.605	2.741	0.526	2.488	1.737	0.645	3.052	1.492
4976	42.712	485.886	662.968	0.321	1.497	2.647	0.508	2.422	1.597	0.629	2.999	1.361
4977	32.037	433.749	665.128	0.355	1.628	2.827	0.532	2.504	1.813	0.649	3.061	1.548
4978	47.189	480.447	658.927	0.312	1.461	2.641	0.504	2.410	1.548	0.625	2.987	1.315
4979	40.508	501.022	642.982	0.327	1.513	2.701	0.512	2.434	1.642	0.632	3.012	1.371
4980	23.527	500.473	705.061	1.087	1.631	5.710	0.922	2.524	3.397	0.947	3.083	2.792
4981	32.345	512.896	627.707	0.366	1.589	2.999	0.539	2.485	1.876	0.647	3.047	1.529
4982	34.181	458.332	578.141	0.347	1.597	2.862	0.557	2.461	2.106	0.661	3.036	1.694
4983	40.486	450.452	680.693	0.324	1.521	2.699	0.511	2.438	1.649	0.630	3.008	1.395
4984	35.905	455.144	685.832	0.337	1.569	2.691	0.519	2.465	1.680	0.638	3.030	1.448
4985	39.451	489.150	623.712	0.329	1.531	2.695	0.513	2.443	1.644	0.633	3.012	1.412
4986	29.281	478.669	667.789	0.495	1.591	3.903	0.589	2.489	2.270	0.683	3.053	1.833
4987	37.376	488.469	722.389	0.334	1.542	2.676	0.517	2.449	1.653	0.635	3.024	1.386
4988	32.535	449.113	658.610	0.353	1.616	2.790	0.530	2.494	1.784	0.649	3.061	1.527
4989	40.903	499.850	679.256	0.323	1.510	2.639	0.510	2.430	1.599	0.630	3.003	1.362
4990	36.075	482.515	645.194	0.338	1.565	2.711	0.519	2.464	1.688	0.639	3.029	1.449
4991	37.307	476.016	670.112	0.333	1.549	2.693	0.516	2.457	1.657	0.635	3.021	1.423
4992	34.016	472.446	615.199	0.345	1.596	2.773	0.524	2.483	1.748	0.643	3.042	1.508
4993	29.368	467.112	664.689	0.498	1.594	3.945	0.590	2.490	2.294	0.692	3.062	1.879
4994	35.196	436.108	728.190	0.343	1.575	2.774	0.523	2.469	1.741	0.640	3.036	1.459
4995	33.316	467.182	683.490	0.347	1.598	2.737	0.525	2.483	1.725	0.645	3.047	1.493
4996	28.530	499.680	633.369	0.509	1.598	3.981	0.650	2.489	2.551	0.688	3.064	1.856
4997	23.978	475.695	676.082	1.603	1.623	6.640	0.901	2.525	3.380	0.973	3.071	2.929
4998	26.784	478.534	624.403	0.597	1.618	4.440	0.642	2.508	2.600	0.748	3.058	2.218
4999	45.881	479.805	608.426	0.319	1.469	2.784	0.507	2.403	1.659	0.626	2.994	1.347
5000	38.817	461.338	651.762	0.329	1.537	2.724	0.516	2.439	1.756	0.637	3.014	1.495
5001	43.332	427.287	652.508	0.321	1.502	2.713	0.511	2.418	1.723	0.634	2.993	1.488
5002	40.346	469.881	614.407	0.326	1.525	2.714	0.514	2.433	1.737	0.637	3.005	1.502
5003	34.264	519.945	686.135	0.338	1.578	2.662	0.524	2.475	1.736	0.643	3.034	1.502
5004	37.619	448.420	668.093	0.335	1.550	2.723	0.521	2.447	1.773	0.637	3.022	1.439
5005	49.500	469.252	707.426	0.308	1.445	2.590	0.503	2.386	1.609	0.623	2.981	1.283
5006	27.192	477.292	676.505	0.607	1.612	4.383	0.755	2.494	3.094	0.758	3.061	2.274
5007	28.851	435.641	654.008	0.523	1.600	4.135	0.607	2.509	2.405	0.666	3.074	1.760
5008	53.527	471.876	647.027	0.302	1.418	2.644	0.499	2.368	1.617	0.618	2.961	1.289
5009	32.391	456.463	693.677	0.365	1.597	2.985	0.548	2.473	2.032	0.657	3.057	1.629
5010	32.860	490.380	666.254	0.348	1.599	2.756	0.530	2.478	1.833	0.654	3.036	1.652
5011	44.905	402.232	683.759	0.320	1.488	2.738	0.510	2.408	1.727	0.632	2.986	1.480
5012	30.804	468.047	627.844	0.356	1.639	2.833	0.537	2.509	1.905	0.654	3.062	1.626
5013	39.222	466.979	634.372	0.329	1.532	2.736	0.517	2.437	1.771	0.635	3.022	1.426
5014	30.366	468.431	661.567	0.459	1.584	3.729	0.536	2.513	1.878	0.737	3.043	2.157
5015	30.053	497.639	657.010	0.492	1.579	3.846	0.539	2.497	1.932	0.653	3.066	1.590
5016	26.012	467.892	711.218	0.666	1.621	4.604	1.165	2.474	4.307	0.784	3.060	2.341

5017	34.812	444.414	685.103	0.350	1.574	2.849	0.536	2.470	1.895	0.655	3.023	1.690
5018	38.123	458.751	650.366	0.332	1.545	2.711	0.518	2.446	1.751	0.638	3.025	1.446
5019	43.909	457.777	620.302	0.319	1.495	2.706	0.512	2.424	1.699	0.631	2.992	1.452
5020	38.829	475.867	716.627	0.327	1.531	2.639	0.515	2.441	1.691	0.633	3.016	1.379
5021	37.006	459.554	624.121	0.338	1.561	2.743	0.522	2.457	1.784	0.640	3.024	1.490
5022	33.819	473.688	685.195	0.341	1.590	2.706	0.702	2.442	2.772	0.778	3.009	2.289
5023	27.879	440.204	650.811	0.580	1.607	4.403	0.552	2.532	2.070	0.741	3.064	2.186
5024	37.573	494.463	629.970	0.335	1.543	2.768	0.522	2.444	1.809	0.640	3.027	1.480
5025	33.370	423.641	641.595	0.396	1.563	3.413	0.530	2.483	1.882	0.647	3.050	1.560
5026	39.866	491.090	693.964	0.325	1.521	2.643	0.512	2.439	1.620	0.631	3.012	1.368
5027	38.244	465.377	680.215	0.332	1.542	2.677	0.518	2.443	1.729	0.641	3.015	1.509
5028	34.943	441.061	681.453	0.341	1.584	2.722	0.524	2.465	1.802	0.647	3.029	1.582
5029	39.641	432.871	691.009	0.329	1.532	2.697	0.517	2.445	1.719	0.633	3.013	1.412
5030	29.886	493.376	674.343	0.356	1.644	2.753	0.630	2.467	2.504	0.784	3.038	2.334
5031	39.133	451.096	658.566	0.333	1.533	2.752	0.520	2.437	1.786	0.636	3.027	1.406
5032	32.544	488.194	654.537	0.346	1.609	2.720	0.527	2.482	1.815	0.645	3.053	1.498
5033	30.015	473.550	605.749	0.477	1.587	3.892	0.540	2.501	1.989	0.657	3.067	1.672
5034	38.597	473.774	666.703	0.330	1.534	2.725	0.517	2.436	1.763	0.635	3.015	1.451
5035	39.301	496.986	663.581	0.327	1.529	2.638	0.515	2.439	1.693	0.633	3.016	1.383
5036	34.863	472.528	626.655	0.342	1.584	2.742	0.525	2.466	1.817	0.648	3.041	1.569
5037	30.077	421.366	687.889	0.496	1.579	4.022	0.586	2.509	2.299	0.721	3.044	2.082
5038	42.276	484.132	627.362	0.324	1.502	2.709	0.513	2.425	1.711	0.634	2.996	1.473
5039	34.517	478.825	657.351	0.341	1.583	2.729	0.525	2.467	1.807	0.641	3.037	1.488
5040	24.291	496.009	696.937	1.269	1.623	5.958	2.607	2.486	7.085	1.094	3.069	3.205
5041	38.751	479.097	669.238	0.339	1.526	2.815	0.528	2.442	1.827	0.636	3.014	1.449
5042	26.559	477.393	634.230	0.586	1.622	4.392	1.067	2.473	4.098	0.892	3.055	2.817
5043	24.348	458.336	615.884	1.499	1.620	6.665	0.924	2.521	3.800	2.121	3.057	5.630
5044	30.300	441.851	690.365	0.469	1.587	3.796	0.551	2.493	2.089	0.660	3.059	1.705
5045	32.350	457.510	678.125	0.353	1.610	2.814	0.534	2.483	1.889	0.649	3.050	1.561
5046	36.704	516.110	703.563	0.333	1.549	2.632	0.520	2.449	1.716	0.638	3.019	1.444
5047	49.745	443.438	651.255	0.311	1.450	2.657	0.504	2.388	1.643	0.623	2.972	1.337
5048	39.364	499.495	632.316	0.331	1.524	2.751	0.519	2.434	1.777	0.634	3.013	1.433
5049	36.611	447.577	647.981	0.337	1.564	2.747	0.521	2.458	1.782	0.644	3.030	1.543
5050	29.743	476.472	658.778	0.419	1.599	3.487	0.539	2.517	1.897	0.762	3.033	2.290
5051	31.962	512.821	652.654	0.351	1.606	2.783	0.534	2.485	1.870	0.648	3.053	1.535
5052	30.066	429.054	672.717	0.497	1.580	4.014	0.545	2.522	1.969	0.660	3.066	1.703
5053	40.503	473.823	678.307	0.326	1.515	2.685	0.516	2.431	1.720	0.634	3.013	1.401
5054	32.033	413.318	647.140	0.357	1.632	2.874	0.535	2.493	1.937	0.657	3.059	1.678
5055	37.770	490.423	635.709	0.331	1.547	2.696	0.516	2.451	1.679	0.637	3.023	1.450
5056	31.774	495.726	666.208	0.380	1.586	3.144	0.531	2.490	1.835	0.648	3.052	1.541
5057	46.301	527.699	753.003	0.312	1.459	2.509	0.507	2.410	1.542	0.624	2.984	1.265
5058	34.796	448.104	689.706	0.348	1.578	2.793	0.533	2.471	1.854	0.643	3.037	1.481
5059	34.753	464.159	659.211	0.342	1.583	2.725	0.525	2.467	1.801	0.645	3.041	1.516
5060	42.165	445.260	647.641	0.324	1.509	2.707	0.513	2.439	1.660	0.632	3.003	1.419

5061	36.533	441.931	702.547	0.336	1.565	2.709	0.520	2.457	1.763	0.642	3.032	1.507
5062	36.002	503.245	666.339	0.336	1.561	2.671	0.522	2.464	1.729	0.642	3.025	1.503
5063	31.433	419.505	683.000	0.451	1.577	3.729	0.537	2.496	1.937	0.656	3.053	1.678
5064	32.137	472.239	649.890	0.352	1.614	2.804	0.533	2.485	1.885	0.647	3.056	1.523
5065	24.742	526.152	643.876	0.910	1.619	5.281	2.832	2.477	7.429	0.842	3.071	2.583
5066	38.949	494.504	610.637	0.337	1.528	2.819	0.525	2.434	1.840	0.634	3.014	1.417
5067	25.756	485.084	699.922	1.101	1.601	5.592	0.751	2.512	3.011	1.203	3.041	3.665
5068	41.915	422.896	709.714	0.330	1.503	2.795	0.519	2.418	1.791	0.633	3.000	1.446
5069	32.178	431.481	635.571	0.354	1.628	2.819	0.533	2.494	1.895	0.656	3.053	1.668
5070	29.002	516.163	726.383	0.480	1.594	3.715	0.557	2.505	2.016	0.670	3.063	1.719
5071	34.873	455.907	665.265	0.348	1.576	2.812	0.533	2.471	1.863	0.644	3.039	1.501
5072	38.416	487.094	713.993	0.329	1.533	2.631	0.516	2.442	1.689	0.639	3.025	1.433
5073	42.579	517.872	712.434	0.321	1.492	2.571	0.510	2.418	1.610	0.631	2.998	1.371
5074	43.600	449.503	636.507	0.323	1.497	2.695	0.514	2.427	1.691	0.635	2.994	1.481
5075	42.509	465.531	634.805	0.321	1.505	2.680	0.513	2.437	1.662	0.631	3.000	1.426
5076	37.461	483.311	695.475	0.331	1.545	2.654	0.518	2.452	1.700	0.638	3.027	1.434
5077	43.641	493.503	666.924	0.318	1.488	2.609	0.510	2.413	1.652	0.630	2.992	1.392
5078	38.511	448.112	727.241	0.332	1.541	2.675	0.518	2.445	1.720	0.636	3.020	1.416
5079	27.948	468.906	653.397	0.590	1.604	4.351	0.746	2.482	3.060	0.667	3.091	1.710
5080	51.596	499.532	686.597	0.305	1.426	2.589	0.502	2.379	1.592	0.622	2.969	1.302
5081	35.749	435.140	615.981	0.352	1.567	2.969	0.537	2.457	1.973	0.648	3.033	1.597
5082	30.479	485.691	627.943	0.354	1.640	2.811	0.534	2.501	1.902	0.654	3.057	1.646
5083	28.591	520.768	698.805	0.491	1.599	3.793	0.721	2.481	2.884	0.702	3.056	1.946
5084	32.536	483.050	675.214	0.356	1.599	2.839	0.539	2.489	1.891	0.650	3.059	1.534
5085	27.910	488.067	599.687	0.590	1.601	4.403	0.550	2.529	2.045	0.666	3.077	1.760
5086	39.051	441.318	659.645	0.332	1.534	2.783	0.520	2.438	1.813	0.639	3.020	1.498
5087	33.220	495.232	686.356	0.343	1.596	2.690	0.523	2.481	1.712	0.643	3.044	1.477
5088	26.516	510.614	681.800	0.964	1.594	5.242	0.808	2.482	3.290	0.955	3.058	2.939
5089	33.856	476.604	683.769	0.353	1.579	2.856	0.538	2.474	1.898	0.645	3.040	1.512
5090	44.620	460.053	596.034	0.319	1.491	2.714	0.537	2.406	1.937	0.649	2.980	1.635
5091	39.142	503.162	646.541	0.353	1.505	3.043	0.516	2.446	1.705	0.637	3.013	1.477
5092	37.620	467.409	601.611	0.335	1.557	2.755	0.520	2.451	1.786	0.640	3.023	1.501
5093	50.477	458.396	704.918	0.305	1.439	2.608	0.501	2.383	1.619	0.622	2.970	1.338
5094	29.689	447.110	712.120	0.521	1.586	3.991	0.750	2.472	3.023	0.673	3.056	1.798
5095	33.073	484.912	669.581	0.350	1.596	2.789	0.533	2.481	1.858	0.649	3.051	1.541
5096	43.239	438.156	650.707	0.322	1.500	2.703	0.512	2.419	1.715	0.635	2.997	1.478
5097	34.037	464.155	654.301	0.343	1.594	2.737	0.525	2.475	1.811	0.647	3.036	1.585
5098	25.292	444.089	612.617	1.336	1.611	6.386	2.557	2.471	7.181	1.047	3.065	3.157
5099	42.042	489.242	662.053	0.323	1.496	2.730	0.514	2.418	1.742	0.630	3.000	1.392
5100	39.185	501.245	620.932	0.328	1.532	2.675	0.516	2.443	1.712	0.639	3.014	1.497
5101	30.228	458.228	688.787	0.481	1.584	3.821	0.537	2.513	1.884	0.803	3.025	2.445
5102	50.772	420.387	681.173	0.309	1.442	2.706	0.505	2.395	1.649	0.624	2.971	1.378
5103	40.621	449.952	623.817	0.331	1.519	2.810	0.519	2.427	1.813	0.636	3.003	1.502
5104	39.681	487.253	639.867	0.382	1.489	3.296	0.513	2.441	1.665	0.633	3.018	1.389

5105	34.770	450.612	663.117	0.342	1.584	2.748	0.525	2.469	1.809	0.645	3.042	1.520
5106	52.789	479.976	649.015	0.302	1.424	2.593	0.498	2.376	1.558	0.620	2.958	1.331
5107	31.330	477.095	651.930	0.367	1.609	3.000	0.552	2.481	2.075	0.659	3.055	1.675
5108	35.871	503.083	679.137	0.337	1.560	2.700	0.523	2.456	1.763	0.643	3.038	1.477
5109	35.514	476.343	656.726	0.340	1.572	2.716	0.524	2.462	1.781	0.640	3.032	1.460
5110	35.625	435.406	668.813	0.340	1.577	2.747	0.526	2.478	1.788	0.653	3.021	1.684
5111	31.370	444.479	633.410	0.356	1.635	2.841	0.534	2.498	1.911	0.658	3.071	1.650
5112	38.398	478.856	639.886	0.331	1.539	2.730	0.517	2.439	1.765	0.638	3.011	1.512
5113	32.557	452.668	686.022	0.349	1.615	2.741	0.529	2.486	1.836	0.647	3.055	1.520
5114	33.789	489.410	690.475	0.345	1.587	2.723	0.528	2.474	1.795	0.647	3.038	1.540
5115	38.599	459.004	662.040	0.332	1.538	2.699	0.519	2.447	1.734	0.640	3.024	1.475
5116	36.811	497.255	634.933	0.334	1.556	2.690	0.519	2.454	1.744	0.639	3.019	1.483
5117	39.099	496.258	664.370	0.328	1.529	2.665	0.518	2.449	1.690	0.635	3.025	1.375
5118	32.612	481.125	646.611	0.349	1.608	2.773	0.529	2.489	1.795	0.651	3.051	1.581
5119	41.523	451.945	630.638	0.325	1.514	2.734	0.514	2.426	1.738	0.631	3.003	1.407
5120	38.362	443.469	691.683	0.330	1.542	2.694	0.517	2.445	1.732	0.639	3.012	1.512
5121	36.955	443.797	702.675	0.336	1.562	2.691	0.521	2.458	1.752	0.639	3.033	1.435
5122	27.341	484.739	674.941	0.939	1.583	5.233	0.823	2.482	3.321	1.053	3.046	3.256
5123	41.746	510.218	635.339	0.326	1.500	2.718	0.515	2.418	1.737	0.637	2.993	1.511
5124	44.085	472.062	674.014	0.317	1.487	2.635	0.508	2.415	1.643	0.630	2.997	1.385
5125	44.017	474.112	655.722	0.318	1.489	2.648	0.509	2.410	1.669	0.633	2.993	1.443
5126	26.682	529.853	568.561	0.687	1.610	4.692	0.750	2.485	3.187	0.760	3.062	2.290
5127	36.519	490.605	654.788	0.339	1.550	2.816	0.525	2.448	1.837	0.642	3.034	1.496
5128	27.846	473.330	654.612	0.544	1.608	4.165	0.665	2.494	2.751	0.923	3.051	2.849
5129	28.306	457.580	644.123	0.517	1.608	4.089	0.648	2.493	2.696	0.715	3.062	2.062
5130	29.765	483.535	657.255	0.505	1.583	3.942	0.573	2.495	2.216	0.657	3.063	1.661
5131	35.925	463.769	672.593	0.341	1.563	2.775	0.525	2.456	1.817	0.639	3.035	1.443
5132	31.397	436.599	693.848	0.481	1.570	3.842	0.543	2.507	1.922	0.653	3.054	1.629
5133	28.881	455.866	628.503	0.522	1.598	4.128	0.702	2.472	2.956	0.772	3.057	2.340
5134	35.243	509.292	641.756	0.339	1.566	2.753	0.525	2.460	1.808	0.644	3.036	1.526
5135	38.638	435.430	647.312	0.333	1.544	2.747	0.518	2.443	1.775	0.640	3.010	1.542
5136	42.240	443.092	620.257	0.323	1.513	2.716	0.511	2.428	1.694	0.632	2.998	1.453
5137	31.537	499.840	665.616	0.349	1.617	2.739	0.530	2.491	1.823	0.651	3.053	1.591
5138	31.871	444.012	634.253	0.358	1.622	2.891	0.539	2.504	1.924	0.653	3.049	1.649
5139	33.477	489.328	623.027	0.345	1.596	2.781	0.530	2.492	1.819	0.643	3.043	1.518
5140	25.672	408.966	634.861	1.325	1.607	6.395	0.809	2.518	3.447	2.290	3.038	5.944
5141	35.911	489.355	670.805	0.341	1.556	2.804	0.526	2.452	1.841	0.636	3.030	1.424
5142	32.830	474.219	713.802	0.348	1.603	2.725	0.529	2.479	1.811	0.651	3.045	1.582
5143	31.094	519.125	679.702	0.354	1.616	2.755	0.535	2.492	1.846	0.657	3.053	1.635
5144	36.322	500.154	633.926	0.340	1.557	2.757	0.524	2.452	1.798	0.638	3.027	1.445
5145	44.186	441.478	689.129	0.318	1.490	2.665	0.508	2.415	1.650	0.631	2.994	1.427
5146	49.232	463.789	657.038	0.309	1.450	2.633	0.503	2.389	1.625	0.623	2.977	1.316
5147	32.667	463.336	664.183	0.353	1.603	2.847	0.535	2.479	1.909	0.651	3.051	1.593
5148	32.380	474.648	667.934	0.349	1.611	2.760	0.532	2.486	1.859	0.649	3.053	1.554

5149	33.315	420.044	706.972	0.435	1.555	3.598	0.532	2.480	1.879	0.648	3.049	1.562
5150	36.496	480.253	649.644	0.336	1.560	2.705	0.521	2.454	1.768	0.641	3.032	1.479
5151	26.397	471.772	640.294	0.703	1.610	4.810	0.869	2.485	3.556	0.896	3.065	2.810
5152	39.800	466.801	652.967	0.331	1.521	2.776	0.522	2.443	1.777	0.634	3.021	1.389
5153	51.381	528.022	637.346	0.306	1.426	2.624	0.501	2.382	1.579	0.622	2.971	1.307
5154	21.058	443.662	636.850	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5155	39.957	469.268	682.454	0.338	1.509	2.874	0.528	2.423	1.881	0.639	3.001	1.520
5156	44.800	445.153	654.084	0.318	1.487	2.674	0.507	2.410	1.649	0.631	2.989	1.439
5157	31.455	456.846	604.910	0.356	1.632	2.873	0.535	2.494	1.945	0.652	3.061	1.612
5158	35.188	491.998	666.268	0.338	1.571	2.724	0.523	2.463	1.787	0.639	3.039	1.438
5159	38.731	483.898	665.982	0.330	1.535	2.670	0.517	2.443	1.711	0.637	3.015	1.450
5160	48.952	485.193	662.662	0.309	1.449	2.605	0.504	2.395	1.603	0.624	2.974	1.347
5161	34.936	492.159	674.429	0.343	1.570	2.760	0.527	2.463	1.815	0.644	3.039	1.502
5162	32.614	470.516	686.588	0.349	1.606	2.744	0.531	2.480	1.843	0.647	3.051	1.522
5163	34.597	511.718	679.674	0.341	1.574	2.696	0.526	2.471	1.758	0.647	3.036	1.532
5164	32.816	488.099	650.859	0.480	1.549	3.779	0.530	2.479	1.843	0.652	3.043	1.608
5165	39.255	478.306	667.772	0.329	1.528	2.687	0.517	2.441	1.718	0.636	3.013	1.441
5166	38.746	529.378	678.273	0.327	1.528	2.606	0.515	2.438	1.669	0.637	3.015	1.434
5167	32.031	456.909	621.321	0.354	1.623	2.834	0.534	2.485	1.921	0.651	3.065	1.567
5168	34.810	454.728	681.589	0.340	1.580	2.747	0.525	2.466	1.812	0.642	3.038	1.504
5169	39.176	466.029	676.914	0.328	1.531	2.666	0.516	2.441	1.705	0.638	3.008	1.494
5170	38.700	459.579	675.957	0.330	1.538	2.668	0.514	2.447	1.641	0.635	3.018	1.409
5171	40.201	502.382	705.455	0.323	1.516	2.585	0.513	2.437	1.625	0.635	3.008	1.420
5172	39.964	497.293	616.176	0.329	1.526	2.684	0.516	2.434	1.719	0.636	3.014	1.435
5173	28.029	488.851	672.961	0.558	1.603	4.165	0.629	2.493	2.502	0.720	3.061	2.092
5174	36.154	421.244	616.280	0.346	1.572	2.898	0.530	2.457	1.917	0.645	3.034	1.570
5175	32.110	518.548	684.004	0.344	1.606	2.682	0.525	2.487	1.738	0.647	3.054	1.524
5176	41.908	454.698	662.697	0.326	1.507	2.701	0.515	2.430	1.705	0.636	3.007	1.446
5177	41.121	470.463	644.043	0.325	1.516	2.682	0.513	2.429	1.710	0.637	3.004	1.495
5178	33.918	467.049	685.649	0.343	1.590	2.730	0.526	2.473	1.804	0.644	3.042	1.516
5179	49.317	470.564	679.772	0.309	1.449	2.598	0.503	2.389	1.616	0.626	2.971	1.394
5180	35.722	483.945	611.585	0.344	1.566	2.839	0.530	2.466	1.861	0.644	3.034	1.534
5181	30.672	485.447	723.291	0.448	1.578	3.583	0.635	2.467	2.478	0.668	3.051	1.751
5182	36.338	536.548	635.350	0.338	1.553	2.703	0.523	2.446	1.775	0.641	3.028	1.462
5183	35.580	454.617	687.387	0.339	1.571	2.720	0.524	2.463	1.784	0.646	3.038	1.536
5184	29.152	467.208	674.737	0.518	1.594	4.011	0.542	2.514	1.953	0.747	3.041	2.232
5185	36.031	490.363	681.606	0.339	1.558	2.736	0.526	2.464	1.774	0.638	3.029	1.428
5186	38.640	448.691	727.928	0.331	1.540	2.662	0.518	2.442	1.721	0.641	3.016	1.501
5187	44.064	465.598	645.656	0.319	1.491	2.646	0.509	2.411	1.674	0.633	2.998	1.424
5188	34.714	475.285	632.325	0.342	1.583	2.764	0.525	2.468	1.817	0.643	3.034	1.526
5189	36.559	462.987	705.741	0.336	1.560	2.695	0.520	2.454	1.753	0.643	3.029	1.510
5190	36.457	482.455	710.752	0.337	1.561	2.654	0.522	2.460	1.720	0.645	3.031	1.511
5191	42.482	444.113	656.379	0.324	1.507	2.687	0.511	2.424	1.664	0.631	3.004	1.387
5192	40.697	490.164	675.058	0.322	1.514	2.621	0.512	2.426	1.682	0.633	3.005	1.412

5193	35.247	463.392	696.266	0.350	1.563	2.858	0.524	2.463	1.775	0.643	3.042	1.473
5194	42.756	435.198	634.012	0.323	1.507	2.712	0.510	2.427	1.652	0.634	3.004	1.441
5195	37.077	454.165	649.266	0.333	1.558	2.719	0.516	2.457	1.692	0.638	3.021	1.493
5196	36.087	414.219	708.568	0.338	1.576	2.732	0.522	2.465	1.773	0.644	3.035	1.532
5197	42.821	522.564	706.058	0.368	1.459	3.107	0.509	2.417	1.614	0.632	2.998	1.391
5198	30.377	437.573	663.860	0.522	1.581	4.059	0.544	2.504	1.993	0.663	3.081	1.667
5199	37.971	495.779	673.230	0.331	1.538	2.683	0.520	2.451	1.733	0.635	3.025	1.390
5200	34.866	448.934	604.690	0.345	1.590	2.809	0.526	2.468	1.858	0.646	3.037	1.566
5201	30.846	504.415	640.784	0.419	1.578	3.484	0.667	2.463	2.694	0.748	3.039	2.184
5202	48.823	446.459	700.664	0.311	1.451	2.651	0.504	2.389	1.645	0.626	2.986	1.345
5203	43.937	462.869	672.219	0.321	1.487	2.681	0.511	2.412	1.699	0.632	2.990	1.439
5204	25.451	499.152	669.155	0.868	1.610	5.156	1.686	2.470	5.272	0.975	3.053	2.886
5205	31.082	481.901	648.900	0.468	1.571	3.756	0.546	2.483	2.029	0.657	3.055	1.655
5206	39.350	429.271	690.076	0.331	1.533	2.744	0.518	2.438	1.770	0.639	3.017	1.490
5207	43.112	463.198	649.631	0.320	1.501	2.644	0.511	2.420	1.686	0.632	3.006	1.404
5208	28.880	480.870	647.058	0.542	1.592	4.130	0.539	2.522	1.891	0.662	3.085	1.670
5209	35.843	479.362	628.479	0.341	1.566	2.793	0.526	2.461	1.833	0.644	3.036	1.531
5210	32.249	481.023	713.151	0.348	1.612	2.710	0.530	2.489	1.813	0.649	3.049	1.554
5211	34.173	436.388	671.949	0.348	1.591	2.799	0.530	2.473	1.855	0.649	3.040	1.579
5212	38.927	496.964	651.011	0.328	1.531	2.675	0.517	2.445	1.705	0.634	3.011	1.423
5213	33.747	507.435	695.133	0.342	1.586	2.671	0.526	2.473	1.766	0.647	3.039	1.532
5214	35.825	495.643	723.706	0.337	1.560	2.650	0.523	2.460	1.727	0.641	3.038	1.424
5215	38.079	473.221	724.327	0.333	1.541	2.650	0.519	2.447	1.705	0.637	3.029	1.389
5216	59.894	448.201	672.705	0.299	1.377	2.735	0.500	2.356	1.642	0.617	2.952	1.280
5217	29.764	450.050	640.404	0.405	1.606	3.453	0.598	2.491	2.418	0.882	3.036	2.725
5218	47.736	466.172	655.495	0.312	1.458	2.677	0.505	2.394	1.657	0.624	2.987	1.320
5219	29.474	500.223	621.678	0.364	1.647	2.891	0.623	2.479	2.532	0.717	3.040	2.085
5220	36.683	524.375	657.265	0.336	1.548	2.718	0.521	2.449	1.760	0.642	3.029	1.485
5221	42.852	474.191	715.359	0.320	1.494	2.617	0.510	2.419	1.643	0.630	3.004	1.351
5222	29.725	423.022	668.529	0.502	1.592	4.023	0.545	2.511	2.007	0.668	3.069	1.783
5223	34.030	459.178	684.090	0.346	1.588	2.779	0.530	2.475	1.841	0.645	3.045	1.519
5224	28.509	512.406	615.322	0.507	1.599	3.979	0.626	2.481	2.529	0.748	3.058	2.244
5225	50.067	476.730	635.853	0.309	1.439	2.695	0.504	2.387	1.657	0.624	2.981	1.321
5226	38.061	478.885	573.297	0.336	1.546	2.835	0.523	2.449	1.845	0.635	3.021	1.449
5227	36.237	509.690	673.976	0.332	1.557	2.661	0.517	2.459	1.685	0.639	3.020	1.498
5228	38.713	440.818	645.769	0.333	1.544	2.726	0.519	2.443	1.768	0.636	3.021	1.440
5229	25.128	481.799	657.659	0.950	1.615	5.444	2.556	2.475	7.046	0.985	3.066	2.929
5230	29.644	461.817	671.342	0.459	1.596	3.733	0.557	2.515	2.073	0.662	3.066	1.709
5231	32.207	453.928	651.276	0.355	1.614	2.859	0.535	2.485	1.922	0.654	3.058	1.620
5232	48.492	425.477	721.281	0.311	1.456	2.662	0.504	2.392	1.648	0.623	2.977	1.333
5233	39.201	457.032	636.094	0.333	1.533	2.766	0.520	2.435	1.794	0.638	3.022	1.455
5234	41.338	505.474	598.641	0.322	1.514	2.669	0.514	2.436	1.695	0.635	3.000	1.479
5235	25.693	465.821	630.947	1.578	1.601	6.537	0.723	2.500	3.011	1.048	3.068	3.113
5236	49.189	470.661	677.531	0.310	1.443	2.688	0.506	2.390	1.667	0.623	2.972	1.347

5237	24.749	475.560	607.771	0.975	1.622	5.631	0.955	2.516	3.561	1.334	3.057	3.892
5238	29.083	452.095	670.743	0.470	1.604	3.826	0.578	2.495	2.301	0.659	3.076	1.670
5239	31.564	557.693	673.837	0.351	1.603	2.738	0.533	2.484	1.831	0.649	3.048	1.538
5240	43.776	464.287	619.836	0.323	1.492	2.730	0.513	2.416	1.721	0.632	2.991	1.443
5241	31.140	457.081	628.243	0.355	1.636	2.838	0.534	2.498	1.917	0.649	3.059	1.582
5242	36.556	447.881	666.431	0.337	1.561	2.760	0.522	2.454	1.802	0.637	3.028	1.450
5243	24.644	438.476	657.739	1.653	1.597	7.037	2.578	2.482	7.176	1.339	3.058	3.925
5244	35.889	463.155	687.717	0.345	1.557	2.841	0.529	2.452	1.869	0.643	3.032	1.522
5245	27.072	474.931	671.677	0.942	1.587	5.300	0.894	2.480	3.575	0.873	3.056	2.712
5246	43.918	476.911	669.695	0.322	1.484	2.702	0.512	2.408	1.718	0.634	2.996	1.448
5247	34.659	459.849	686.672	0.342	1.581	2.729	0.525	2.467	1.796	0.648	3.042	1.545
5248	25.231	486.069	667.017	0.920	1.613	5.363	0.840	2.508	3.433	2.416	3.042	6.047
5249	39.119	423.249	724.893	0.337	1.530	2.807	0.525	2.434	1.838	0.638	3.021	1.468
5250	42.728	489.451	636.286	0.320	1.501	2.627	0.511	2.419	1.681	0.632	2.998	1.415
5251	36.037	479.999	664.079	0.336	1.564	2.708	0.522	2.458	1.770	0.642	3.037	1.473
5252	30.071	466.712	675.379	0.376	1.631	3.049	0.541	2.520	1.902	0.668	3.073	1.743
5253	30.177	440.699	660.565	0.496	1.586	3.955	0.642	2.477	2.597	0.728	3.049	2.129
5254	30.616	462.629	652.467	0.496	1.575	3.928	0.541	2.511	1.926	0.651	3.063	1.582
5255	35.557	511.675	639.778	0.339	1.564	2.742	0.524	2.459	1.794	0.643	3.028	1.524
5256	42.003	502.349	639.170	0.321	1.503	2.646	0.511	2.422	1.681	0.629	3.001	1.364
5257	20.837	454.821	707.119	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5258	34.572	432.720	660.153	0.366	1.568	3.079	0.554	2.456	2.108	0.662	3.038	1.701
5259	34.707	481.577	651.898	0.340	1.582	2.721	0.524	2.469	1.790	0.640	3.037	1.466
5260	39.158	471.097	660.202	0.329	1.531	2.690	0.517	2.444	1.714	0.637	3.010	1.477
5261	30.236	484.465	663.238	0.357	1.642	2.780	0.630	2.474	2.541	0.656	3.058	1.654
5262	33.373	518.317	679.284	0.346	1.586	2.736	0.529	2.473	1.814	0.645	3.047	1.490
5263	30.559	461.265	661.132	0.361	1.636	2.861	0.541	2.510	1.917	0.655	3.063	1.617
5264	36.118	532.345	647.240	0.337	1.554	2.704	0.523	2.462	1.741	0.637	3.029	1.416
5265	35.520	475.214	645.705	0.343	1.568	2.795	0.524	2.464	1.791	0.643	3.035	1.506
5266	30.349	502.263	631.251	0.446	1.581	3.645	0.535	2.498	1.895	0.662	3.049	1.743
5267	46.428	448.911	706.339	0.314	1.466	2.665	0.507	2.401	1.665	0.627	2.988	1.365
5268	42.357	435.511	662.761	0.325	1.507	2.715	0.514	2.423	1.732	0.636	3.000	1.485
5269	32.600	487.506	573.473	0.349	1.619	2.803	0.531	2.495	1.870	0.646	3.050	1.550
5270	32.467	503.469	592.257	0.347	1.609	2.813	0.530	2.483	1.880	0.649	3.057	1.570
5271	30.923	449.936	596.080	0.511	1.572	4.103	0.537	2.498	1.986	0.654	3.057	1.675
5272	33.713	456.931	648.414	0.345	1.596	2.805	0.525	2.476	1.819	0.646	3.045	1.560
5273	34.361	527.296	663.587	0.340	1.576	2.681	0.524	2.467	1.759	0.643	3.044	1.473
5274	26.515	462.191	664.171	0.950	1.594	5.417	1.416	2.462	4.792	0.934	3.049	2.963
5275	31.535	442.018	679.985	0.357	1.628	2.838	0.533	2.503	1.819	0.648	3.060	1.544
5276	34.431	468.781	655.707	0.344	1.586	2.765	0.524	2.473	1.749	0.642	3.044	1.478
5277	29.799	463.235	645.646	0.489	1.588	3.904	0.593	2.487	2.302	0.698	3.052	1.920
5278	36.557	457.458	683.572	0.337	1.556	2.749	0.519	2.457	1.706	0.637	3.028	1.433
5279	44.847	450.754	672.389	0.317	1.485	2.656	0.506	2.415	1.595	0.628	2.997	1.348
5280	33.530	508.114	645.632	0.344	1.591	2.728	0.524	2.478	1.727	0.642	3.046	1.465

5281	34.699	462.913	658.735	0.343	1.582	2.758	0.522	2.473	1.730	0.642	3.041	1.471
5282	39.089	439.178	655.852	0.331	1.538	2.727	0.515	2.447	1.674	0.635	3.019	1.428
5283	22.896	412.585	659.396	0.000	0.000	0.000	4.367	2.509	8.366	0.000	0.000	0.000
5284	33.576	476.277	633.707	0.356	1.581	2.960	0.532	2.472	1.869	0.643	3.043	1.505
5285	39.570	434.076	600.856	0.331	1.539	2.789	0.515	2.446	1.717	0.635	3.018	1.456
5286	34.219	450.630	648.755	0.341	1.593	2.759	0.592	2.458	2.239	0.641	3.044	1.489
5287	34.018	467.724	663.506	0.343	1.589	2.751	0.523	2.478	1.732	0.642	3.042	1.477
5288	39.687	440.090	679.586	0.329	1.530	2.704	0.514	2.444	1.653	0.633	3.012	1.411
5289	50.582	461.995	645.848	0.306	1.440	2.632	0.499	2.385	1.557	0.621	2.968	1.316
5290	38.586	446.118	652.744	0.335	1.537	2.802	0.518	2.447	1.727	0.634	3.019	1.419
5291	32.581	456.703	633.867	0.349	1.617	2.784	0.527	2.499	1.767	0.645	3.051	1.533
5292	30.668	432.257	613.961	0.360	1.647	2.939	0.535	2.514	1.887	0.652	3.070	1.609
5293	33.521	471.937	658.176	0.345	1.593	2.789	0.524	2.482	1.752	0.642	3.047	1.484
5294	39.443	463.488	618.798	0.330	1.534	2.742	0.514	2.441	1.683	0.634	3.013	1.430
5295	43.597	458.147	661.494	0.317	1.493	2.659	0.507	2.420	1.611	0.628	3.002	1.353
5296	42.567	439.470	616.259	0.323	1.510	2.730	0.510	2.428	1.656	0.630	3.000	1.411
5297	35.436	447.530	654.190	0.338	1.578	2.741	0.520	2.473	1.714	0.639	3.035	1.471
5298	37.828	475.240	650.181	0.332	1.546	2.700	0.515	2.453	1.659	0.637	3.032	1.407
5299	24.138	456.486	646.224	1.077	1.625	5.906	0.882	2.527	3.386	0.891	3.074	2.758
5300	37.154	484.324	668.997	0.341	1.540	2.832	0.522	2.453	1.734	0.635	3.026	1.409
5301	40.002	477.801	616.604	0.328	1.527	2.710	0.513	2.442	1.649	0.633	3.009	1.417
5302	32.791	468.184	667.737	0.347	1.606	2.757	0.526	2.491	1.744	0.644	3.052	1.496
5303	29.454	458.774	674.111	0.481	1.596	3.848	0.557	2.502	2.064	0.654	3.077	1.584
5304	58.570	465.548	695.228	0.296	1.390	2.615	0.493	2.358	1.506	0.615	2.950	1.251
5305	33.848	471.724	704.663	0.380	1.562	3.138	0.548	2.464	1.958	0.655	3.046	1.568
5306	35.615	436.627	680.389	0.342	1.579	2.745	0.523	2.473	1.725	0.641	3.034	1.479
5307	34.500	475.029	669.727	0.342	1.583	2.716	0.522	2.476	1.708	0.641	3.038	1.464
5308	28.749	467.425	667.577	0.577	1.592	4.261	0.541	2.539	1.852	0.710	3.054	1.989
5309	44.044	494.711	698.845	0.320	1.478	2.658	0.507	2.414	1.578	0.627	2.993	1.325
5310	54.249	496.465	591.927	0.303	1.416	2.646	0.497	2.371	1.551	0.620	2.967	1.285
5311	38.484	456.396	642.507	0.340	1.531	2.897	0.521	2.444	1.782	0.636	3.020	1.443
5312	30.488	451.775	624.849	0.358	1.650	2.849	0.534	2.521	1.830	0.651	3.066	1.592
5313	37.564	467.094	637.400	0.334	1.548	2.762	0.517	2.454	1.705	0.635	3.022	1.436
5314	31.798	462.268	640.347	0.352	1.625	2.801	0.529	2.503	1.786	0.648	3.060	1.540
5315	36.621	488.748	695.755	0.334	1.553	2.683	0.518	2.459	1.659	0.636	3.025	1.410
5316	51.183	485.304	588.767	0.307	1.439	2.647	0.500	2.385	1.564	0.622	2.969	1.328
5317	42.986	476.873	660.523	0.322	1.491	2.739	0.510	2.419	1.652	0.627	2.996	1.351
5318	35.012	468.626	642.713	0.341	1.580	2.747	0.522	2.471	1.729	0.640	3.036	1.474
5319	42.016	470.839	684.030	0.321	1.503	2.650	0.508	2.426	1.600	0.629	3.003	1.362
5320	41.509	453.730	635.949	0.325	1.515	2.702	0.513	2.444	1.627	0.633	3.013	1.394
5321	35.213	434.772	639.332	0.340	1.585	2.765	0.521	2.475	1.734	0.642	3.046	1.476
5322	35.264	430.980	619.190	0.342	1.588	2.798	0.522	2.475	1.761	0.641	3.040	1.508
5323	35.275	491.714	650.994	0.337	1.571	2.711	0.518	2.467	1.691	0.639	3.037	1.442
5324	25.999	493.732	641.927	0.655	1.620	4.607	0.648	2.516	2.607	0.932	3.055	2.761

5325	28.828	481.882	766.582	0.603	1.585	4.176	0.654	2.482	2.497	0.745	3.043	2.088
5326	48.677	494.429	665.748	0.313	1.448	2.608	0.503	2.394	1.546	0.623	2.974	1.307
5327	32.427	471.808	662.016	0.356	1.602	2.880	0.532	2.490	1.812	0.645	3.051	1.502
5328	30.280	466.690	625.917	0.361	1.644	2.876	0.554	2.494	2.064	0.659	3.060	1.666
5329	36.245	475.494	638.836	0.338	1.561	2.772	0.520	2.462	1.720	0.640	3.044	1.429
5330	27.780	431.573	723.956	0.714	1.594	4.731	0.617	2.505	2.440	0.742	3.060	2.140
5331	37.112	464.614	654.617	0.339	1.551	2.778	0.521	2.456	1.722	0.638	3.026	1.438
5332	33.924	411.802	668.903	0.348	1.607	2.805	0.526	2.489	1.780	0.644	3.047	1.528
5333	36.494	469.211	650.876	0.336	1.561	2.721	0.517	2.460	1.686	0.638	3.031	1.441
5334	36.630	438.257	655.103	0.336	1.565	2.738	0.518	2.462	1.706	0.638	3.028	1.459
5335	23.882	429.455	634.526	1.943	1.615	7.540	0.954	2.512	3.722	0.982	3.081	3.036
5336	32.383	497.782	658.974	0.355	1.594	2.898	0.532	2.483	1.832	0.644	3.048	1.496
5337	41.845	485.410	636.638	0.323	1.506	2.685	0.510	2.428	1.630	0.630	3.004	1.376
5338	34.388	459.151	672.169	0.343	1.586	2.751	0.522	2.476	1.723	0.641	3.040	1.472
5339	26.196	477.120	685.867	0.693	1.614	4.706	0.853	2.502	3.166	0.761	3.064	2.246
5340	34.519	472.363	674.469	0.350	1.572	2.855	0.528	2.470	1.785	0.641	3.038	1.459
5341	45.832	474.866	609.178	0.316	1.477	2.681	0.505	2.409	1.603	0.627	2.995	1.350
5342	28.869	466.181	623.572	0.506	1.598	4.050	0.540	2.528	1.909	0.712	3.061	2.008
5343	32.408	475.668	663.325	0.352	1.605	2.836	0.529	2.491	1.793	0.644	3.052	1.501
5344	25.943	461.663	649.950	0.937	1.603	5.462	0.682	2.512	2.778	0.870	3.059	2.627
5345	40.404	423.619	652.952	0.333	1.521	2.838	0.516	2.434	1.736	0.633	3.014	1.418
5346	42.538	492.996	613.993	0.322	1.501	2.713	0.510	2.434	1.612	0.629	3.004	1.373
5347	32.494	490.290	687.517	0.347	1.603	2.741	0.525	2.487	1.735	0.643	3.049	1.477
5348	32.428	496.223	674.679	0.366	1.587	2.981	0.527	2.486	1.748	0.645	3.048	1.492
5349	35.472	487.951	693.552	0.340	1.565	2.706	0.521	2.467	1.680	0.639	3.031	1.433
5350	45.522	471.032	699.004	0.315	1.472	2.612	0.505	2.410	1.555	0.627	2.993	1.320
5351	46.008	488.953	563.865	0.316	1.477	2.706	0.505	2.408	1.622	0.627	2.993	1.368
5352	34.544	444.988	634.912	0.357	1.570	3.045	0.523	2.478	1.776	0.641	3.044	1.488
5353	26.885	454.782	635.828	0.907	1.592	5.386	0.659	2.510	2.679	0.772	3.059	2.317
5354	43.463	464.868	677.812	0.321	1.488	2.716	0.508	2.415	1.637	0.627	2.994	1.355
5355	31.627	565.706	680.658	0.347	1.606	2.659	0.525	2.490	1.679	0.644	3.052	1.450
5356	37.414	534.058	691.013	0.334	1.537	2.651	0.560	2.423	2.010	0.635	3.017	1.387
5357	38.996	470.072	643.416	0.332	1.536	2.705	0.515	2.446	1.659	0.635	3.014	1.422
5358	24.147	469.213	709.319	1.027	1.625	5.643	0.887	2.519	3.331	0.947	3.069	2.832
5359	37.336	437.048	705.582	0.345	1.546	2.857	0.524	2.451	1.768	0.638	3.030	1.430
5360	32.718	490.483	623.503	0.349	1.608	2.770	0.526	2.492	1.749	0.645	3.048	1.519
5361	41.174	461.108	667.616	0.324	1.513	2.690	0.512	2.441	1.620	0.631	3.012	1.376
5362	37.273	471.614	662.726	0.333	1.554	2.684	0.517	2.458	1.661	0.636	3.024	1.427
5363	26.003	452.730	727.848	0.925	1.601	5.316	0.677	2.502	2.737	0.822	3.067	2.437
5364	49.002	488.003	653.622	0.313	1.445	2.669	0.504	2.395	1.571	0.623	2.976	1.309
5365	35.443	492.934	721.155	0.341	1.561	2.724	0.522	2.465	1.690	0.637	3.031	1.407
5366	31.988	481.752	662.508	0.353	1.612	2.783	0.529	2.493	1.765	0.649	3.066	1.502
5367	43.589	465.367	621.561	0.321	1.495	2.721	0.510	2.430	1.623	0.629	2.999	1.379
5368	31.401	433.380	633.251	0.384	1.601	3.265	0.532	2.507	1.841	0.648	3.063	1.569

5369	34.039	456.546	646.606	0.344	1.592	2.789	0.524	2.479	1.761	0.642	3.041	1.496
5370	29.456	498.418	674.080	0.494	1.586	3.854	0.635	2.470	2.477	0.673	3.057	1.746
5371	29.320	449.370	615.044	0.474	1.599	3.924	0.582	2.496	2.283	0.655	3.075	1.632
5372	38.093	500.990	677.923	0.331	1.534	2.700	0.516	2.457	1.637	0.633	3.016	1.390
5373	44.098	443.384	649.324	0.320	1.494	2.677	0.509	2.428	1.605	0.629	3.000	1.371
5374	29.758	471.052	697.186	0.500	1.586	3.885	0.635	2.479	2.460	0.700	3.058	1.890
5375	35.326	496.600	657.400	0.342	1.567	2.745	0.522	2.466	1.715	0.640	3.034	1.443
5376	34.341	493.264	635.999	0.343	1.584	2.746	0.523	2.478	1.720	0.641	3.038	1.475
5377	33.620	466.210	698.661	0.345	1.595	2.729	0.524	2.481	1.727	0.642	3.044	1.472
5378	38.072	466.107	700.027	0.332	1.541	2.676	0.516	2.452	1.642	0.636	3.021	1.409
5379	33.485	470.358	668.627	0.346	1.595	2.746	0.525	2.483	1.736	0.643	3.046	1.488
5380	36.576	483.366	596.967	0.337	1.563	2.762	0.519	2.462	1.720	0.638	3.027	1.467
5381	49.392	468.717	645.765	0.307	1.447	2.651	0.500	2.389	1.578	0.622	2.976	1.315
5382	26.329	507.583	626.921	0.735	1.609	4.806	0.681	2.505	2.724	0.725	3.076	2.078
5383	40.164	544.692	661.045	0.328	1.508	2.690	0.512	2.429	1.635	0.630	3.008	1.349
5384	42.311	500.552	627.911	0.322	1.501	2.657	0.510	2.431	1.597	0.631	3.009	1.358
5385	43.633	486.135	607.296	0.319	1.495	2.680	0.509	2.429	1.611	0.629	3.003	1.370
5386	44.396	546.029	596.178	0.317	1.476	2.681	0.508	2.413	1.618	0.627	2.997	1.330
5387	30.368	504.235	687.650	0.357	1.628	2.799	0.533	2.507	1.784	0.647	3.064	1.505
5388	46.013	492.325	643.664	0.317	1.469	2.664	0.507	2.414	1.574	0.627	2.994	1.328
5389	44.573	488.626	677.333	0.316	1.479	2.628	0.508	2.424	1.559	0.627	2.996	1.325
5390	29.722	441.271	636.050	0.365	1.659	2.909	0.539	2.524	1.888	0.711	3.062	1.983
5391	30.626	506.744	668.730	0.460	1.570	3.688	0.604	2.469	2.309	0.699	3.043	1.875
5392	32.533	460.674	625.572	0.355	1.611	2.868	0.531	2.493	1.827	0.647	3.055	1.537
5393	26.134	403.864	691.916	0.991	1.603	5.676	0.914	2.485	3.506	0.929	3.072	2.771
5394	22.386	460.782	628.511	0.000	0.000	0.000	1.092	2.518	4.073	0.000	0.000	0.000
5395	38.917	458.974	621.449	0.339	1.527	2.914	0.522	2.441	1.794	0.635	3.015	1.447
5396	25.321	420.960	657.181	1.036	1.614	5.821	0.746	2.531	3.018	0.947	3.076	2.837
5397	38.056	426.426	701.446	0.338	1.542	2.825	0.519	2.448	1.742	0.636	3.026	1.425
5398	43.164	473.299	662.422	0.320	1.496	2.645	0.508	2.421	1.596	0.629	3.003	1.350
5399	34.331	446.083	619.730	0.345	1.595	2.802	0.525	2.484	1.766	0.643	3.041	1.514
5400	45.492	456.210	672.935	0.315	1.476	2.675	0.504	2.408	1.598	0.626	2.989	1.348
5401	34.805	425.415	695.058	0.344	1.588	2.765	0.525	2.486	1.731	0.642	3.039	1.486
5402	31.225	508.050	714.073	0.433	1.572	3.474	0.529	2.500	1.722	0.648	3.068	1.472
5403	52.561	459.212	686.297	0.306	1.425	2.628	0.499	2.380	1.533	0.621	2.971	1.282
5404	38.153	467.916	698.915	0.341	1.531	2.822	0.521	2.445	1.727	0.634	3.019	1.393
5405	42.789	438.909	660.075	0.322	1.505	2.680	0.510	2.428	1.623	0.630	2.998	1.391
5406	34.766	451.996	610.645	0.343	1.592	2.785	0.523	2.483	1.749	0.642	3.039	1.510
5407	29.532	427.446	659.498	0.585	1.583	4.378	0.676	2.478	2.695	0.654	3.085	1.604
5408	24.733	457.181	620.486	1.033	1.620	5.824	0.901	2.521	3.425	0.835	3.075	2.592
5409	42.211	454.473	661.027	0.325	1.499	2.771	0.512	2.425	1.679	0.630	3.010	1.360
5410	38.188	481.205	687.797	0.329	1.538	2.649	0.514	2.448	1.626	0.635	3.028	1.383
5411	28.103	469.488	683.741	0.733	1.585	4.737	0.620	2.498	2.437	0.715	3.064	2.004
5412	23.770	460.187	668.664	1.730	1.613	7.118	0.923	2.524	3.503	1.051	3.069	3.145

5413	36.729	463.175	636.251	0.346	1.550	2.899	0.524	2.455	1.792	0.637	3.027	1.453
5414	35.070	465.906	672.322	0.339	1.578	2.716	0.521	2.473	1.698	0.645	3.035	1.514
5415	27.393	424.683	691.052	0.943	1.584	5.401	0.666	2.497	2.702	0.745	3.071	2.173
5416	42.885	511.857	642.464	0.322	1.491	2.685	0.509	2.420	1.614	0.628	2.994	1.354
5417	30.303	442.893	616.487	0.498	1.582	4.024	0.536	2.515	1.887	0.652	3.068	1.604
5418	28.127	449.983	664.300	0.635	1.596	4.518	0.655	2.495	2.613	0.730	3.070	2.076
5419	38.633	433.133	627.950	0.335	1.542	2.811	0.518	2.448	1.737	0.635	3.018	1.449
5420	38.708	462.834	672.063	0.328	1.537	2.679	0.513	2.446	1.648	0.634	3.019	1.402
5421	32.090	470.580	671.901	0.384	1.581	3.202	0.528	2.496	1.749	0.647	3.056	1.511
5422	34.221	424.141	662.447	0.347	1.594	2.821	0.525	2.481	1.772	0.644	3.045	1.510
5423	31.869	481.446	597.093	0.352	1.625	2.814	0.529	2.502	1.803	0.647	3.056	1.549
5424	32.798	499.374	610.256	0.347	1.603	2.799	0.526	2.487	1.774	0.644	3.051	1.504
5425	26.725	441.548	693.739	0.682	1.610	4.727	0.734	2.506	2.895	0.891	3.051	2.654
5426	37.856	449.192	644.884	0.339	1.544	2.832	0.520	2.452	1.742	0.636	3.022	1.441
5427	29.344	497.147	612.238	0.370	1.642	3.007	0.535	2.522	1.829	0.711	3.049	1.989
5428	30.510	493.085	617.047	0.458	1.581	3.748	0.534	2.505	1.859	0.649	3.071	1.540
5429	36.293	486.571	630.004	0.338	1.560	2.772	0.522	2.477	1.695	0.637	3.028	1.445
5430	23.269	465.798	607.062	0.957	1.662	5.666	0.956	2.518	3.718	1.076	3.076	3.258
5431	44.702	479.465	632.085	0.321	1.473	2.803	0.510	2.418	1.659	0.626	2.996	1.341
5432	41.216	482.280	635.738	0.324	1.512	2.694	0.512	2.438	1.628	0.631	3.011	1.376
5433	28.355	490.106	660.732	0.587	1.593	4.266	0.664	2.487	2.602	0.689	3.066	1.858
5434	38.293	462.356	689.052	0.335	1.536	2.746	0.517	2.446	1.685	0.634	3.018	1.406
5435	37.164	481.721	652.049	0.334	1.553	2.690	0.517	2.458	1.658	0.637	3.028	1.427
5436	29.263	501.822	670.257	0.457	1.594	3.673	0.535	2.523	1.791	0.701	3.053	1.904
5437	33.225	442.860	647.672	0.353	1.601	2.871	0.530	2.483	1.822	0.646	3.054	1.516
5438	26.588	452.862	590.107	0.889	1.599	5.438	0.618	2.510	2.569	0.765	3.067	2.323
5439	40.609	442.495	584.408	0.329	1.523	2.861	0.514	2.436	1.753	0.632	3.010	1.442
5440	38.017	488.300	651.911	0.328	1.543	2.676	0.514	2.449	1.658	0.633	3.018	1.410
5441	36.460	429.464	654.962	0.338	1.569	2.753	0.520	2.468	1.717	0.639	3.033	1.471
5442	45.977	456.923	650.341	0.314	1.476	2.661	0.506	2.414	1.594	0.626	2.993	1.341
5443	36.913	477.821	643.520	0.335	1.556	2.727	0.517	2.456	1.694	0.637	3.027	1.432
5444	35.831	446.235	698.160	0.339	1.571	2.719	0.520	2.466	1.698	0.639	3.036	1.451
5445	24.559	449.635	678.182	0.968	1.621	5.619	0.913	2.521	3.417	0.859	3.069	2.641
5446	35.303	481.930	675.174	0.347	1.562	2.842	0.526	2.462	1.773	0.639	3.035	1.436
5447	35.679	404.187	674.986	0.343	1.584	2.789	0.523	2.473	1.755	0.641	3.035	1.502
5448	31.724	468.813	648.602	0.351	1.625	2.776	0.529	2.502	1.772	0.648	3.063	1.525
5449	44.315	488.432	650.871	0.317	1.482	2.656	0.508	2.424	1.579	0.626	2.991	1.345
5450	31.015	443.414	619.091	0.358	1.642	2.874	0.534	2.512	1.856	0.650	3.063	1.586
5451	34.280	477.451	638.101	0.362	1.566	3.056	0.523	2.477	1.746	0.640	3.039	1.482
5452	56.691	483.750	661.832	0.298	1.400	2.601	0.494	2.362	1.500	0.616	2.954	1.259
5453	31.430	452.569	634.705	0.388	1.594	3.287	0.557	2.488	2.076	0.662	3.054	1.685
5454	37.566	463.458	675.296	0.333	1.548	2.717	0.517	2.456	1.678	0.636	3.031	1.408
5455	40.660	454.059	637.405	0.326	1.524	2.694	0.512	2.440	1.647	0.632	3.007	1.412
5456	41.378	447.607	706.563	0.322	1.512	2.639	0.509	2.431	1.614	0.631	3.009	1.370

5457	32.986	517.908	654.811	0.345	1.596	2.696	0.525	2.486	1.701	0.643	3.045	1.470
5458	28.583	503.005	643.040	0.510	1.597	3.967	0.540	2.526	1.863	0.655	3.080	1.586
5459	32.680	512.853	577.714	0.352	1.603	2.866	0.529	2.483	1.822	0.645	3.052	1.514
5460	36.966	485.039	607.475	0.335	1.556	2.771	0.517	2.456	1.714	0.637	3.028	1.448
5461	29.785	419.610	686.948	0.502	1.590	4.017	0.598	2.489	2.363	0.661	3.073	1.681
5462	29.157	436.569	663.418	0.406	1.624	3.416	0.541	2.525	1.918	0.656	3.087	1.608
5463	35.424	472.521	669.109	0.340	1.570	2.753	0.522	2.468	1.722	0.639	3.033	1.448
5464	36.925	445.163	662.428	0.336	1.559	2.727	0.518	2.458	1.697	0.639	3.038	1.429
5465	29.967	393.993	652.169	0.615	1.573	4.595	0.617	2.486	2.496	0.709	3.051	2.031
5466	28.993	465.025	643.725	0.520	1.595	4.077	0.540	2.534	1.876	0.692	3.060	1.902
5467	32.039	467.564	703.109	0.354	1.611	2.814	0.530	2.492	1.792	0.645	3.055	1.496
5468	40.289	435.722	650.650	0.330	1.526	2.738	0.514	2.438	1.680	0.634	3.014	1.419
5469	39.793	460.207	659.401	0.326	1.530	2.664	0.513	2.444	1.640	0.633	3.014	1.402
5470	33.067	415.024	633.817	0.350	1.619	2.829	0.528	2.496	1.802	0.646	3.052	1.558
5471	43.769	465.948	719.210	0.316	1.486	2.627	0.508	2.427	1.563	0.626	2.992	1.335
5472	30.593	483.559	640.561	0.360	1.633	2.848	0.533	2.505	1.817	0.650	3.062	1.559
5473	31.073	492.720	711.937	0.442	1.575	3.547	0.532	2.508	1.761	0.648	3.069	1.485
5474	30.841	447.484	620.643	0.363	1.638	2.927	0.537	2.505	1.898	0.652	3.066	1.596
5475	35.178	421.736	633.424	0.343	1.585	2.833	0.523	2.474	1.787	0.640	3.037	1.506
5476	47.363	487.620	659.167	0.310	1.460	2.618	0.502	2.400	1.566	0.623	2.979	1.317
5477	31.938	514.066	656.916	0.353	1.605	2.803	0.529	2.487	1.782	0.644	3.051	1.486
5478	40.031	465.888	671.582	0.329	1.521	2.707	0.513	2.439	1.645	0.632	3.008	1.395
5479	35.008	465.830	637.173	0.341	1.581	2.749	0.521	2.473	1.722	0.641	3.036	1.480
5480	33.856	446.584	649.465	0.345	1.598	2.770	0.524	2.483	1.757	0.643	3.043	1.504
5481	36.731	481.075	711.606	0.333	1.554	2.659	0.517	2.460	1.642	0.636	3.025	1.407
5482	32.160	500.965	632.787	0.351	1.610	2.766	0.528	2.491	1.756	0.647	3.055	1.515
5483	29.780	481.781	701.727	0.485	1.587	3.792	0.587	2.484	2.236	0.704	3.043	1.930
5484	39.275	485.479	656.347	0.331	1.526	2.713	0.515	2.442	1.658	0.633	3.011	1.402
5485	29.590	467.727	663.950	0.566	1.580	4.202	0.536	2.524	1.821	0.655	3.085	1.562
5486	27.197	495.690	628.133	0.899	1.588	5.187	0.682	2.487	2.744	0.734	3.058	2.127
5487	29.695	426.847	683.884	0.468	1.598	3.823	0.613	2.481	2.436	0.665	3.069	1.711
5488	39.293	449.272	671.381	0.331	1.530	2.734	0.515	2.444	1.675	0.633	3.013	1.413
5489	39.819	443.242	616.568	0.330	1.536	2.741	0.514	2.445	1.679	0.634	3.016	1.436
5490	35.727	502.250	681.143	0.334	1.563	2.660	0.518	2.466	1.652	0.636	3.029	1.419
5491	43.796	457.363	629.158	0.321	1.495	2.694	0.509	2.429	1.609	0.630	3.002	1.376
5492	50.517	406.841	631.930	0.310	1.442	2.809	0.503	2.390	1.659	0.622	2.971	1.372
5493	34.853	498.507	633.497	0.343	1.571	2.821	0.524	2.466	1.769	0.638	3.036	1.447
5494	42.206	477.810	659.762	0.321	1.503	2.656	0.510	2.432	1.598	0.630	3.007	1.356
5495	34.054	467.245	658.317	0.344	1.590	2.757	0.524	2.480	1.736	0.642	3.044	1.483
5496	35.924	468.476	666.044	0.338	1.566	2.720	0.519	2.463	1.694	0.638	3.030	1.445
5497	34.568	461.518	654.365	0.342	1.586	2.738	0.523	2.476	1.729	0.642	3.042	1.480
5498	28.952	500.128	636.024	0.509	1.593	3.966	0.556	2.503	2.058	0.654	3.084	1.563
5499	39.372	454.566	649.107	0.332	1.530	2.775	0.516	2.444	1.695	0.634	3.022	1.405
5500	43.665	520.468	644.274	0.316	1.487	2.604	0.508	2.426	1.569	0.626	2.991	1.338

5501	30.953	470.223	711.439	0.356	1.627	2.791	0.533	2.508	1.775	0.653	3.069	1.539
5502	33.364	436.204	698.059	0.352	1.603	2.806	0.529	2.489	1.782	0.645	3.047	1.510
5503	29.160	479.506	717.161	0.508	1.592	3.896	0.596	2.488	2.283	0.654	3.079	1.554
5504	27.117	469.129	647.534	1.186	1.586	5.777	0.599	2.515	2.369	0.743	3.059	2.181
5505	36.770	489.827	680.367	0.345	1.541	2.865	0.520	2.456	1.701	0.636	3.025	1.411
5506	48.879	467.506	673.387	0.310	1.451	2.614	0.501	2.392	1.556	0.623	2.979	1.307
5507	24.571	483.429	665.531	1.037	1.622	5.638	0.673	2.537	2.723	0.947	3.066	2.831
5508	34.591	487.559	661.908	0.350	1.568	2.870	0.528	2.469	1.792	0.642	3.053	1.430
5509	29.164	454.072	697.720	0.550	1.581	4.172	0.556	2.514	2.029	0.695	3.060	1.892
5510	27.420	459.928	676.103	0.964	1.583	5.361	0.667	2.502	2.658	0.711	3.092	1.962
5511	38.200	465.682	591.135	0.337	1.545	2.833	0.519	2.450	1.751	0.637	3.023	1.458
5512	30.996	464.506	690.269	0.447	1.578	3.628	0.598	2.489	2.255	0.697	3.048	1.876
5513	27.147	456.241	639.659	0.581	1.616	4.427	0.653	2.505	2.652	0.747	3.071	2.186
5514	40.369	472.072	664.002	0.329	1.514	2.750	0.515	2.447	1.650	0.631	3.011	1.378
5515	31.610	485.957	661.625	0.351	1.619	2.763	0.529	2.500	1.753	0.647	3.058	1.516
5516	34.688	462.130	619.800	0.345	1.585	2.813	0.524	2.477	1.763	0.644	3.052	1.480
5517	26.433	460.123	657.066	0.926	1.596	5.394	0.695	2.508	2.805	0.786	3.057	2.371
5518	28.588	454.251	637.284	0.598	1.593	4.409	0.602	2.501	2.383	0.705	3.061	1.983
5519	35.572	495.602	674.769	0.340	1.562	2.757	0.523	2.479	1.685	0.638	3.031	1.430
5520	25.417	483.209	605.792	0.962	1.613	5.538	0.658	2.511	2.742	0.825	3.069	2.518
5521	32.391	465.158	688.894	0.355	1.603	2.885	0.532	2.486	1.838	0.645	3.057	1.493
5522	40.954	511.622	691.546	0.323	1.508	2.609	0.513	2.444	1.570	0.631	3.013	1.338
5523	49.627	456.818	674.410	0.309	1.447	2.628	0.501	2.393	1.546	0.623	2.977	1.311
5524	32.739	404.474	630.815	0.357	1.617	2.955	0.534	2.494	1.894	0.647	3.056	1.562
5525	30.750	452.355	646.696	0.356	1.642	2.841	0.532	2.509	1.835	0.705	3.054	1.933
5526	29.253	476.250	669.369	0.542	1.588	4.095	0.538	2.520	1.861	0.694	3.061	1.875
5527	40.832	475.975	696.318	0.324	1.514	2.621	0.511	2.435	1.597	0.631	3.004	1.372
5528	28.098	499.292	651.645	0.611	1.594	4.345	0.605	2.501	2.348	0.719	3.052	2.027
5529	39.984	477.229	690.614	0.329	1.517	2.706	0.514	2.433	1.656	0.632	3.012	1.372
5530	35.149	510.274	674.183	0.339	1.570	2.667	0.520	2.470	1.660	0.640	3.035	1.435
5531	25.274	438.031	695.441	1.258	1.611	6.083	0.711	2.529	2.862	0.745	3.088	2.202
5532	30.728	450.034	680.392	0.486	1.578	3.862	0.541	2.501	1.911	0.652	3.068	1.561
5533	34.421	481.730	677.458	0.343	1.579	2.736	0.523	2.472	1.722	0.641	3.038	1.457
5534	32.484	473.701	666.328	0.489	1.550	3.838	0.528	2.491	1.756	0.646	3.054	1.506
5535	29.049	422.293	674.453	0.518	1.599	4.113	0.607	2.505	2.385	0.703	3.063	1.967
5536	30.948	458.046	668.828	0.360	1.634	2.867	0.535	2.507	1.841	0.688	3.061	1.823
5537	33.702	494.117	668.358	0.345	1.588	2.748	0.525	2.480	1.728	0.643	3.046	1.466
5538	35.846	454.739	673.214	0.340	1.569	2.738	0.521	2.467	1.704	0.640	3.035	1.456
5539	25.620	485.894	667.055	0.950	1.606	5.399	0.870	2.512	3.212	0.898	3.074	2.632
5540	26.404	464.928	655.831	0.819	1.599	5.155	0.687	2.520	2.735	0.747	3.073	2.190
5541	32.507	450.306	615.827	0.358	1.610	2.954	0.534	2.486	1.895	0.646	3.053	1.545
5542	27.432	522.201	659.200	0.643	1.599	4.393	0.653	2.488	2.570	0.747	3.053	2.134
5543	29.679	455.071	652.638	0.482	1.583	3.928	0.543	2.511	1.947	0.653	3.074	1.588
5544	37.686	501.895	661.421	0.332	1.539	2.706	0.517	2.457	1.652	0.634	3.018	1.405

5545	36.291	496.689	664.235	0.336	1.559	2.679	0.519	2.463	1.663	0.637	3.027	1.426
5546	40.078	469.541	660.648	0.327	1.523	2.676	0.512	2.438	1.633	0.632	3.008	1.399
5547	50.679	458.403	651.218	0.306	1.441	2.640	0.500	2.387	1.560	0.621	2.971	1.320
5548	50.604	464.465	645.072	0.309	1.435	2.708	0.501	2.385	1.593	0.621	2.968	1.319
5549	26.356	474.567	608.546	0.908	1.599	5.392	0.933	2.486	3.476	0.781	3.063	2.362
5550	32.606	460.869	618.235	0.355	1.606	2.927	0.533	2.494	1.856	0.645	3.055	1.525
5551	28.432	469.635	626.222	0.516	1.603	4.088	0.605	2.501	2.389	0.728	3.056	2.090
5552	29.999	486.157	703.439	0.362	1.635	2.866	0.538	2.525	1.803	0.678	3.052	1.771
5553	39.325	473.965	681.233	0.331	1.525	2.703	0.515	2.441	1.653	0.634	3.016	1.388
5554	34.934	503.512	666.102	0.339	1.574	2.677	0.520	2.469	1.674	0.642	3.030	1.483
5555	34.679	454.463	653.712	0.343	1.585	2.755	0.523	2.474	1.733	0.641	3.036	1.486
5556	24.124	450.243	660.875	1.782	1.605	7.215	0.978	2.506	3.687	0.958	3.074	2.910
5557	34.106	497.078	682.778	0.351	1.572	2.852	0.541	2.463	1.903	0.640	3.041	1.442
5558	38.690	447.665	672.182	0.332	1.539	2.706	0.515	2.448	1.664	0.636	3.020	1.421
5559	41.160	424.906	662.149	0.326	1.521	2.713	0.512	2.438	1.652	0.633	3.015	1.402
5560	32.360	493.516	648.285	0.346	1.610	2.724	0.526	2.494	1.730	0.644	3.049	1.501
5561	59.719	456.538	649.167	0.296	1.384	2.681	0.494	2.354	1.543	0.615	2.946	1.275
5562	34.490	489.785	637.134	0.372	1.553	3.155	0.547	2.474	1.940	0.653	3.043	1.568
5563	32.422	457.620	661.954	0.350	1.613	2.795	0.528	2.494	1.771	0.647	3.064	1.500
5564	47.317	461.620	616.718	0.314	1.464	2.718	0.503	2.402	1.602	0.626	2.989	1.345
5565	25.774	453.967	703.155	1.220	1.603	5.893	0.701	2.508	2.823	0.749	3.078	2.197
5566	31.771	477.210	645.531	0.363	1.607	2.957	0.536	2.488	1.873	0.648	3.061	1.520
5567	34.995	475.432	645.830	0.342	1.577	2.768	0.522	2.472	1.730	0.641	3.040	1.466
5568	46.885	467.084	686.653	0.312	1.463	2.636	0.505	2.414	1.550	0.625	2.987	1.318
5569	30.096	474.494	647.185	0.364	1.640	2.897	0.538	2.512	1.863	0.652	3.072	1.562
5570	44.459	443.456	644.791	0.320	1.488	2.739	0.510	2.427	1.629	0.629	3.001	1.369
5571	29.509	432.526	667.554	0.527	1.590	4.127	0.539	2.536	1.859	0.653	3.078	1.597
5572	43.121	468.641	639.252	0.322	1.496	2.715	0.509	2.423	1.637	0.629	3.000	1.371
5573	42.687	465.077	613.764	0.321	1.505	2.693	0.511	2.438	1.622	0.630	3.006	1.387
5574	35.892	497.015	623.953	0.336	1.567	2.726	0.518	2.463	1.699	0.638	3.034	1.446
5575	27.497	470.789	629.929	0.625	1.607	4.511	0.654	2.510	2.608	0.755	3.056	2.227
5576	40.381	463.561	667.485	0.328	1.517	2.744	0.513	2.434	1.670	0.632	3.011	1.389
5577	39.831	439.811	611.476	0.329	1.537	2.737	0.514	2.447	1.685	0.635	3.019	1.437
5578	27.238	500.635	644.096	0.628	1.606	4.437	0.628	2.505	2.486	0.747	3.054	2.174
5579	38.356	478.643	639.530	0.335	1.535	2.789	0.518	2.446	1.718	0.635	3.025	1.408
5580	36.229	458.559	718.017	0.336	1.565	2.670	0.520	2.476	1.647	0.637	3.030	1.427
5581	33.947	466.423	671.219	0.345	1.591	2.727	0.524	2.478	1.727	0.643	3.041	1.484
5582	30.203	486.656	670.285	0.468	1.582	3.740	0.534	2.514	1.796	0.682	3.048	1.806
5583	33.291	498.997	694.113	0.347	1.589	2.744	0.528	2.496	1.705	0.643	3.047	1.458
5584	35.622	477.406	661.654	0.340	1.568	2.731	0.521	2.464	1.705	0.640	3.031	1.456
5585	31.696	455.935	645.010	0.354	1.626	2.812	0.530	2.503	1.794	0.648	3.060	1.546
5586	32.245	491.862	622.593	0.377	1.584	3.168	0.528	2.492	1.781	0.647	3.064	1.499
5587	28.738	449.409	662.845	0.608	1.590	4.428	0.558	2.517	2.079	0.704	3.062	1.965
5588	37.369	473.024	665.563	0.335	1.546	2.747	0.518	2.452	1.695	0.637	3.034	1.407

5589	29.711	431.924	660.304	0.517	1.590	4.088	0.539	2.532	1.861	0.654	3.076	1.609
5590	27.523	471.180	697.834	0.669	1.601	4.530	0.703	2.491	2.752	0.819	3.051	2.401
5591	33.902	433.861	615.290	0.355	1.595	2.941	0.531	2.478	1.864	0.645	3.051	1.527
5592	43.348	491.190	632.431	0.317	1.492	2.668	0.508	2.425	1.603	0.628	3.003	1.348
5593	41.167	496.537	714.855	0.322	1.506	2.603	0.512	2.443	1.561	0.630	3.009	1.333
5594	28.653	484.757	721.819	0.524	1.596	3.950	0.633	2.488	2.438	0.724	3.054	2.014
5595	34.534	403.151	682.297	0.353	1.592	2.886	0.530	2.478	1.828	0.645	3.049	1.517
5596	24.723	525.905	692.934	0.964	1.617	5.340	0.862	2.517	3.156	0.781	3.070	2.303
5597	41.240	432.864	674.444	0.334	1.508	2.825	0.519	2.441	1.700	0.633	3.014	1.389
5598	34.148	500.960	693.513	0.373	1.555	3.082	0.521	2.479	1.665	0.641	3.044	1.439
5599	40.539	511.214	638.919	0.326	1.515	2.653	0.514	2.451	1.590	0.631	3.005	1.380
5600	39.004	478.321	644.919	0.330	1.534	2.697	0.514	2.445	1.648	0.633	3.014	1.410
5601	36.847	492.868	620.953	0.334	1.558	2.708	0.517	2.458	1.680	0.637	3.028	1.443
5602	37.611	500.454	626.608	0.331	1.547	2.698	0.515	2.453	1.662	0.636	3.024	1.422
5603	33.822	485.427	637.343	0.344	1.592	2.750	0.524	2.482	1.732	0.642	3.044	1.484
5604	37.332	429.507	703.205	0.336	1.556	2.735	0.518	2.457	1.697	0.637	3.028	1.440
5605	50.312	453.798	703.033	0.307	1.443	2.590	0.501	2.390	1.546	0.622	2.973	1.303
5606	30.972	449.716	675.894	0.368	1.626	2.967	0.545	2.495	1.960	0.650	3.063	1.554
5607	28.892	488.826	627.100	0.488	1.598	3.909	0.595	2.493	2.320	0.654	3.075	1.600
5608	32.409	461.991	649.423	0.374	1.588	3.126	0.530	2.491	1.816	0.646	3.057	1.511
5609	37.796	500.659	695.494	0.330	1.539	2.645	0.515	2.448	1.631	0.634	3.021	1.384
5610	43.809	455.184	659.084	0.320	1.494	2.651	0.508	2.420	1.600	0.630	3.001	1.360
5611	44.421	439.910	649.246	0.318	1.491	2.688	0.508	2.427	1.611	0.629	3.001	1.371
5612	52.252	449.348	677.395	0.304	1.428	2.640	0.498	2.380	1.549	0.621	2.974	1.283
5613	36.674	504.630	662.075	0.342	1.544	2.809	0.523	2.457	1.726	0.636	3.028	1.401
5614	46.032	533.042	634.451	0.313	1.466	2.604	0.503	2.403	1.552	0.624	2.983	1.320
5615	42.895	501.047	678.371	0.320	1.491	2.641	0.508	2.420	1.593	0.627	2.995	1.339
5616	58.972	496.336	636.573	0.297	1.388	2.614	0.496	2.365	1.510	0.617	2.958	1.241
5617	41.336	510.698	676.851	0.349	1.483	2.982	0.528	2.426	1.778	0.637	3.001	1.438
5618	35.873	465.568	689.601	0.339	1.565	2.709	0.520	2.466	1.681	0.640	3.035	1.438
5619	51.963	431.766	693.047	0.306	1.433	2.653	0.500	2.380	1.575	0.622	2.972	1.305
5620	33.693	474.105	667.230	0.352	1.583	2.860	0.529	2.474	1.804	0.642	3.047	1.466
5621	27.210	487.900	667.187	0.605	1.613	4.352	0.611	2.511	2.400	0.739	3.066	2.121
5622	26.142	457.318	684.327	0.956	1.600	5.411	0.924	2.486	3.429	0.941	3.055	2.790
5623	39.147	425.733	697.857	0.336	1.530	2.810	0.518	2.444	1.719	0.635	3.019	1.417
5624	41.481	421.042	685.030	0.325	1.517	2.694	0.511	2.436	1.641	0.631	3.005	1.405
5625	29.638	445.667	675.757	0.403	1.619	3.357	0.603	2.486	2.367	0.653	3.072	1.590
5626	34.288	459.901	603.826	0.348	1.591	2.854	0.526	2.478	1.802	0.643	3.044	1.515
5627	44.958	460.685	650.563	0.315	1.481	2.682	0.506	2.418	1.600	0.627	3.000	1.344
5628	35.869	493.860	660.913	0.337	1.562	2.718	0.519	2.461	1.689	0.638	3.034	1.428
5629	29.863	464.036	673.653	0.501	1.586	3.937	0.537	2.522	1.830	0.654	3.080	1.559
5630	40.401	508.153	695.993	0.326	1.511	2.651	0.511	2.431	1.605	0.631	3.007	1.357
5631	30.613	487.089	641.879	0.358	1.635	2.802	0.533	2.506	1.803	0.651	3.065	1.556
5632	33.482	509.897	657.457	0.345	1.587	2.758	0.525	2.480	1.731	0.642	3.046	1.461

5633	32.055	487.540	688.979	0.351	1.608	2.765	0.528	2.490	1.753	0.645	3.051	1.494
5634	29.869	455.842	666.526	0.459	1.594	3.749	0.538	2.517	1.867	0.653	3.070	1.590
5635	31.212	435.298	641.665	0.360	1.633	2.913	0.535	2.504	1.875	0.650	3.066	1.571
5636	37.525	494.825	720.624	0.331	1.541	2.655	0.515	2.450	1.630	0.635	3.031	1.366
5637	32.269	430.011	710.736	0.354	1.619	2.788	0.531	2.500	1.781	0.650	3.063	1.528
5638	40.624	476.618	677.970	0.326	1.515	2.653	0.511	2.433	1.614	0.631	3.008	1.371
5639	33.751	450.988	670.144	0.345	1.597	2.742	0.525	2.487	1.733	0.643	3.043	1.497
5640	26.224	510.416	668.265	0.980	1.596	5.316	0.662	2.505	2.629	0.756	3.069	2.188
5641	23.586	477.692	676.656	1.765	1.633	6.892	0.936	2.517	3.532	0.967	3.078	2.920
5642	27.163	511.178	626.203	0.531	1.615	4.092	0.560	2.522	2.088	0.742	3.059	2.148
5643	34.527	425.533	653.543	0.350	1.585	2.903	0.529	2.475	1.834	0.642	3.041	1.504
5644	35.699	463.067	668.799	0.337	1.570	2.717	0.519	2.468	1.692	0.641	3.048	1.429
5645	29.214	483.938	623.778	0.439	1.601	3.658	0.537	2.523	1.853	0.654	3.076	1.597
5646	33.824	453.887	637.006	0.348	1.593	2.855	0.527	2.480	1.800	0.643	3.047	1.503
5647	31.488	461.526	617.804	0.355	1.630	2.852	0.531	2.506	1.820	0.649	3.063	1.559
5648	30.647	417.046	668.815	0.360	1.649	2.901	0.604	2.476	2.398	0.666	3.061	1.736
5649	29.020	507.971	682.442	0.521	1.588	3.946	0.575	2.498	2.150	0.653	3.082	1.535
5650	36.335	479.024	651.606	0.341	1.557	2.778	0.521	2.458	1.726	0.638	3.028	1.445
5651	40.069	487.662	665.417	0.374	1.484	3.210	0.511	2.437	1.616	0.633	3.016	1.370
5652	51.944	474.160	687.044	0.304	1.429	2.575	0.499	2.388	1.499	0.619	2.964	1.282
5653	40.026	493.544	694.101	0.334	1.512	2.756	0.516	2.431	1.680	0.631	3.009	1.361
5654	42.294	444.061	642.172	0.324	1.509	2.703	0.512	2.440	1.620	0.632	3.009	1.390
5655	32.906	482.612	602.092	0.347	1.611	2.784	0.526	2.492	1.770	0.645	3.052	1.523
5656	33.239	491.497	650.904	0.345	1.596	2.761	0.524	2.481	1.743	0.642	3.048	1.481
5657	39.927	440.750	655.973	0.329	1.529	2.719	0.514	2.442	1.669	0.634	3.020	1.405
5658	49.693	497.274	694.643	0.305	1.442	2.540	0.499	2.388	1.507	0.622	2.981	1.264
5659	31.521	504.911	666.680	0.360	1.607	2.872	0.535	2.491	1.826	0.646	3.054	1.499
5660	44.416	476.905	665.299	0.319	1.482	2.665	0.509	2.424	1.584	0.627	2.994	1.346
5661	46.579	466.053	663.224	0.314	1.470	2.654	0.504	2.407	1.573	0.626	2.988	1.337
5662	35.476	483.744	688.862	0.340	1.565	2.726	0.520	2.466	1.689	0.638	3.032	1.428
5663	32.318	470.537	719.033	0.350	1.612	2.724	0.529	2.498	1.729	0.647	3.062	1.478
5664	28.741	476.404	643.521	0.497	1.600	3.950	0.611	2.491	2.403	0.702	3.053	1.956
5665	29.761	455.507	668.100	0.366	1.650	2.921	0.540	2.519	1.887	0.659	3.076	1.629
5666	34.669	530.609	667.855	0.341	1.569	2.706	0.522	2.469	1.691	0.639	3.033	1.428
5667	26.033	483.984	695.972	0.955	1.599	5.333	0.875	2.504	3.203	0.926	3.056	2.721
5668	45.275	468.635	671.444	0.320	1.475	2.702	0.509	2.413	1.620	0.627	2.993	1.336
5669	34.961	445.237	656.927	0.343	1.583	2.764	0.523	2.475	1.742	0.640	3.036	1.480
5670	40.532	451.465	606.676	0.327	1.527	2.743	0.513	2.441	1.676	0.632	3.009	1.431
5671	42.052	455.795	647.688	0.321	1.509	2.685	0.509	2.430	1.639	0.629	3.000	1.390
5672	41.059	461.236	698.051	0.323	1.513	2.640	0.510	2.432	1.609	0.630	3.007	1.369
5673	32.292	461.707	584.768	0.354	1.625	2.856	0.531	2.502	1.820	0.648	3.053	1.575
5674	33.101	474.960	680.441	0.344	1.598	2.754	0.599	2.450	2.282	0.694	3.028	1.853
5675	31.437	473.364	681.849	0.354	1.619	2.797	0.531	2.502	1.774	0.647	3.057	1.518
5676	33.635	476.420	671.896	0.347	1.589	2.772	0.526	2.481	1.741	0.645	3.056	1.462

5677	34.627	474.547	622.645	0.343	1.587	2.768	0.525	2.484	1.731	0.642	3.041	1.491
5678	44.690	455.117	667.522	0.316	1.485	2.661	0.506	2.415	1.601	0.627	2.998	1.344
5679	27.489	487.360	673.041	0.941	1.581	5.230	0.645	2.501	2.548	0.754	3.057	2.186
5680	39.037	481.708	607.368	0.335	1.531	2.806	0.518	2.443	1.725	0.635	3.018	1.426
5681	21.582	498.236	642.424	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5682	29.397	507.188	677.610	0.549	1.580	4.042	0.618	2.479	2.380	0.661	3.085	1.589
5683	37.710	475.848	707.043	0.336	1.539	2.714	0.518	2.450	1.668	0.636	3.027	1.394
5684	33.393	465.262	640.117	0.348	1.601	2.773	0.526	2.486	1.755	0.647	3.057	1.497
5685	50.936	511.975	633.592	0.307	1.432	2.635	0.000	0.000	0.000	0.000	0.000	0.000
5686	35.929	474.511	653.840	0.343	1.560	2.822	0.523	2.459	1.759	0.639	3.042	1.421
5687	26.575	510.674	659.709	0.588	1.620	4.278	0.668	2.509	2.616	0.775	3.056	2.265
5688	44.231	466.015	667.690	0.323	1.481	2.734	0.509	2.413	1.637	0.627	2.994	1.352
5689	38.384	451.887	632.059	0.332	1.547	2.730	0.516	2.452	1.689	0.635	3.019	1.439
5690	34.967	440.630	631.420	0.341	1.588	2.775	0.522	2.480	1.742	0.642	3.040	1.500
5691	34.478	421.335	715.181	0.343	1.591	2.760	0.626	2.453	2.374	0.641	3.041	1.486
5692	39.550	448.400	623.796	0.331	1.536	2.729	0.514	2.445	1.674	0.637	3.028	1.414
5693	25.662	490.735	672.129	0.950	1.605	5.366	0.681	2.501	2.761	0.908	3.068	2.654
5694	26.604	425.112	674.313	0.971	1.596	5.551	0.696	2.507	2.836	0.766	3.074	2.285
5695	37.056	463.094	667.393	0.339	1.550	2.798	0.521	2.456	1.728	0.637	3.029	1.427
5696	32.567	469.669	673.124	0.348	1.610	2.737	0.527	2.493	1.742	0.646	3.054	1.503
5697	28.181	473.592	643.405	0.569	1.601	4.270	0.601	2.500	2.367	0.768	3.050	2.254
5698	31.763	475.746	663.744	0.403	1.573	3.383	0.531	2.494	1.814	0.645	3.055	1.511
5699	39.615	483.486	629.426	0.330	1.529	2.719	0.514	2.443	1.665	0.633	3.012	1.412
5700	38.128	435.969	630.380	0.333	1.554	2.741	0.517	2.458	1.700	0.637	3.024	1.456
5701	25.256	498.297	694.743	0.861	1.615	5.122	0.688	2.508	2.770	0.763	3.072	2.253
5702	43.872	466.453	642.795	0.326	1.484	2.774	0.511	2.415	1.668	0.630	3.004	1.353
5703	37.664	471.764	664.104	0.332	1.548	2.694	0.558	2.429	2.050	0.635	3.021	1.421
5704	42.996	469.435	662.318	0.320	1.498	2.651	0.509	2.429	1.595	0.630	3.005	1.353
5705	29.308	492.604	609.826	0.507	1.579	4.064	0.620	2.491	2.424	0.653	3.072	1.592
5706	34.284	444.072	654.807	0.346	1.587	2.835	0.525	2.478	1.784	0.642	3.044	1.491
5707	37.530	528.378	624.394	0.331	1.543	2.681	0.515	2.450	1.653	0.635	3.023	1.403
5708	53.993	480.602	668.306	0.301	1.414	2.599	0.497	2.379	1.495	0.619	2.964	1.262
5709	23.993	493.331	659.261	1.119	1.624	5.854	0.946	2.510	3.529	0.950	3.073	2.857
5710	39.306	497.784	621.384	0.337	1.520	2.844	0.519	2.443	1.719	0.634	3.023	1.388
5711	26.979	440.186	656.579	0.868	1.591	5.302	0.658	2.508	2.676	0.744	3.073	2.181
5712	33.044	472.634	621.959	0.352	1.599	2.879	0.529	2.481	1.830	0.645	3.060	1.494
5713	35.653	492.331	637.626	0.338	1.568	2.735	0.520	2.467	1.703	0.639	3.035	1.447
5714	34.641	446.820	643.928	0.343	1.588	2.776	0.523	2.477	1.748	0.643	3.049	1.479
5715	53.134	473.143	685.554	0.301	1.421	2.580	0.498	2.386	1.504	0.619	2.966	1.267
5716	44.515	499.420	648.561	0.327	1.470	2.800	0.511	2.409	1.656	0.626	2.993	1.329
5717	31.923	456.961	635.250	0.354	1.624	2.824	0.531	2.500	1.811	0.648	3.060	1.540
5718	43.369	467.861	658.818	0.319	1.493	2.675	0.508	2.425	1.604	0.629	3.003	1.351
5719	50.828	446.894	646.465	0.307	1.442	2.660	0.500	2.390	1.569	0.622	2.971	1.326
5720	34.956	469.658	653.327	0.344	1.574	2.814	0.524	2.467	1.770	0.639	3.037	1.458

5721	35.250	518.134	664.332	0.337	1.566	2.675	0.519	2.468	1.664	0.639	3.039	1.415
5722	46.290	474.470	629.745	0.315	1.472	2.663	0.505	2.411	1.583	0.625	2.983	1.354
5723	25.506	501.439	668.074	0.813	1.613	5.044	0.646	2.523	2.580	0.810	3.078	2.380
5724	38.541	510.465	651.950	0.336	1.526	2.776	0.520	2.453	1.680	0.634	3.022	1.383
5725	39.414	507.194	666.365	0.327	1.525	2.631	0.512	2.442	1.605	0.633	3.016	1.375
5726	33.622	498.689	635.393	0.345	1.593	2.737	0.524	2.480	1.728	0.644	3.047	1.485
5727	30.441	460.160	639.202	0.552	1.572	4.175	0.553	2.496	2.043	0.666	3.079	1.665
5728	45.699	453.985	651.032	0.316	1.476	2.702	0.505	2.408	1.620	0.626	2.988	1.358
5729	35.115	452.645	670.656	0.341	1.578	2.744	0.521	2.470	1.725	0.640	3.036	1.462
5730	32.950	438.891	631.575	0.350	1.614	2.822	0.528	2.494	1.797	0.646	3.050	1.543
5731	44.465	487.435	722.959	0.315	1.478	2.610	0.505	2.411	1.556	0.627	3.000	1.302
5732	46.067	444.258	653.013	0.317	1.475	2.679	0.505	2.408	1.596	0.628	2.996	1.348
5733	27.919	475.256	654.476	0.669	1.595	4.574	0.617	2.508	2.418	0.757	3.048	2.215
5734	32.775	445.799	665.112	0.353	1.606	2.863	0.530	2.488	1.822	0.646	3.056	1.511
5735	28.066	458.664	681.070	0.688	1.592	4.626	0.629	2.501	2.479	0.739	3.066	2.108
5736	30.806	495.367	639.296	0.378	1.605	3.115	0.534	2.497	1.845	0.648	3.063	1.528
5737	28.359	458.170	636.796	0.557	1.601	4.267	0.644	2.491	2.588	0.731	3.067	2.091
5738	36.646	437.926	736.010	0.339	1.555	2.770	0.520	2.460	1.712	0.637	3.032	1.427
5739	36.378	484.687	682.513	0.336	1.559	2.664	0.518	2.461	1.650	0.638	3.027	1.429
5740	31.725	440.940	691.892	0.486	1.565	3.854	0.531	2.505	1.784	0.650	3.066	1.531
5741	24.588	428.677	628.835	1.176	1.621	6.216	3.242	2.480	7.155	1.001	3.067	3.074
5742	34.155	482.112	681.378	0.348	1.575	2.851	0.526	2.470	1.780	0.640	3.043	1.445
5743	36.591	499.285	634.435	0.336	1.558	2.703	0.518	2.457	1.684	0.638	3.031	1.434
5744	46.134	446.201	637.970	0.315	1.476	2.687	0.505	2.410	1.611	0.626	2.988	1.365
5745	31.959	492.116	689.084	0.349	1.610	2.749	0.527	2.494	1.744	0.644	3.053	1.483
5746	37.076	444.940	722.015	0.338	1.553	2.730	0.519	2.458	1.686	0.637	3.026	1.431
5747	37.781	427.989	705.170	0.334	1.551	2.688	0.517	2.454	1.668	0.637	3.025	1.436
5748	66.054	459.814	624.482	0.286	1.313	2.834	0.488	2.324	1.556	0.616	2.953	1.265
5749	36.593	458.217	704.279	0.333	1.545	2.885	0.517	2.449	1.807	0.638	3.025	1.526
5750	26.154	451.279	644.317	0.980	1.601	5.576	0.669	2.519	2.733	0.805	3.065	2.436
5751	34.426	415.474	662.810	0.352	1.586	2.935	0.528	2.473	1.846	0.642	3.042	1.511
5752	34.171	507.861	680.670	0.342	1.579	2.721	0.521	2.473	1.689	0.641	3.044	1.438
5753	35.050	492.055	688.126	0.430	1.525	3.492	0.522	2.471	1.682	0.640	3.038	1.436
5754	33.284	483.604	662.881	0.347	1.597	2.747	0.525	2.485	1.729	0.644	3.047	1.492
5755	44.934	503.881	627.054	0.316	1.478	2.654	0.505	2.410	1.587	0.626	2.988	1.347
5756	38.333	483.968	664.875	0.330	1.539	2.686	0.515	2.450	1.648	0.635	3.026	1.390
5757	25.586	462.344	649.139	0.980	1.610	5.571	0.933	2.503	3.448	0.755	3.082	2.246
5758	38.788	474.212	629.181	0.335	1.532	2.811	0.518	2.444	1.732	0.636	3.028	1.405
5759	25.170	481.412	670.389	0.963	1.613	5.452	0.884	2.505	3.303	0.915	3.069	2.709
5760	30.565	475.012	651.177	0.368	1.623	2.988	0.540	2.495	1.922	0.650	3.062	1.564
5761	38.246	449.605	682.981	0.333	1.540	2.741	0.517	2.450	1.684	0.636	3.027	1.406
5762	23.916	483.778	602.552	0.948	1.642	5.583	0.931	2.512	3.557	0.958	3.082	2.898
5763	53.564	440.993	621.542	0.307	1.413	2.832	0.502	2.386	1.619	0.619	2.960	1.325
5764	35.059	458.577	672.909	0.350	1.565	2.918	0.528	2.467	1.811	0.640	3.036	1.467

5765	30.412	446.600	678.134	0.360	1.647	2.831	0.546	2.516	1.927	0.653	3.081	1.552
5766	36.491	472.735	654.851	0.338	1.558	2.745	0.519	2.458	1.709	0.638	3.027	1.445
5767	33.663	476.636	621.291	0.345	1.599	2.767	0.525	2.487	1.746	0.643	3.044	1.505
5768	43.253	471.148	692.448	0.318	1.492	2.642	0.509	2.432	1.574	0.629	3.005	1.335
5769	33.854	482.186	705.565	0.344	1.590	2.698	0.524	2.482	1.697	0.643	3.045	1.460
5770	41.343	452.521	668.373	0.326	1.513	2.680	0.512	2.434	1.628	0.633	3.011	1.386
5771	24.829	488.755	648.411	0.960	1.620	5.512	0.927	2.496	3.479	0.813	3.073	2.458
5772	24.993	427.177	681.271	1.482	1.611	6.523	0.957	2.496	3.607	0.849	3.066	2.619
5773	31.394	450.006	661.932	0.363	1.619	2.962	0.538	2.495	1.903	0.693	3.044	1.873
5774	37.195	449.489	623.108	0.337	1.558	2.782	0.519	2.458	1.730	0.638	3.029	1.462
5775	32.547	464.893	626.006	0.348	1.616	2.782	0.526	2.496	1.769	0.645	3.055	1.526
5776	24.379	462.745	647.892	2.553	1.612	7.888	0.876	2.519	3.377	0.914	3.084	2.748
5777	41.193	455.084	635.643	0.332	1.508	2.839	0.517	2.438	1.710	0.631	3.009	1.398
5778	41.179	440.079	665.904	0.323	1.519	2.680	0.513	2.446	1.628	0.632	3.014	1.389
5779	33.911	472.170	644.602	0.343	1.595	2.737	0.523	2.482	1.722	0.643	3.045	1.490
5780	33.569	449.909	660.512	0.347	1.599	2.787	0.525	2.485	1.755	0.644	3.048	1.501
5781	36.380	452.797	628.120	0.338	1.569	2.764	0.520	2.466	1.721	0.639	3.030	1.470
5782	32.260	447.064	693.205	0.349	1.620	2.751	0.528	2.502	1.755	0.646	3.056	1.515
5783	41.182	454.695	645.357	0.326	1.517	2.704	0.514	2.446	1.633	0.633	3.014	1.393
5784	36.374	433.794	679.368	0.336	1.568	2.726	0.518	2.463	1.704	0.639	3.033	1.457
5785	27.609	463.245	650.458	0.721	1.596	4.795	0.628	2.502	2.514	0.732	3.083	2.071
5786	45.048	484.232	626.684	0.319	1.474	2.743	0.508	2.417	1.615	0.628	3.000	1.340
5787	38.440	416.568	699.248	0.333	1.547	2.741	0.516	2.454	1.689	0.636	3.024	1.432
5788	50.780	420.929	635.808	0.309	1.446	2.720	0.501	2.386	1.626	0.623	2.978	1.343
5789	35.315	422.026	652.092	0.345	1.576	2.880	0.609	2.443	2.339	0.639	3.037	1.481
5790	39.493	479.074	711.093	0.326	1.526	2.629	0.512	2.441	1.608	0.632	3.013	1.370
5791	31.600	478.292	675.277	0.460	1.562	3.696	0.529	2.499	1.755	0.648	3.057	1.523
5792	43.687	466.944	646.265	0.320	1.491	2.686	0.508	2.419	1.619	0.629	3.001	1.356
5793	42.677	469.172	630.138	0.321	1.504	2.684	0.510	2.435	1.614	0.630	3.007	1.377
5794	32.867	480.553	652.041	0.347	1.603	2.770	0.525	2.487	1.750	0.643	3.048	1.497
5795	41.579	440.769	632.114	0.431	1.469	3.620	0.511	2.432	1.665	0.632	3.007	1.411
5796	48.625	436.421	657.246	0.310	1.455	2.703	0.502	2.398	1.599	0.623	2.980	1.342
5797	39.449	463.354	689.835	0.328	1.525	2.696	0.513	2.439	1.653	0.633	3.021	1.373
5798	41.076	468.490	662.444	0.325	1.515	2.660	0.512	2.441	1.607	0.633	3.016	1.374
5799	38.190	516.288	705.125	0.328	1.535	2.590	0.513	2.446	1.593	0.634	3.018	1.372
5800	37.287	460.407	698.995	0.335	1.550	2.671	0.518	2.457	1.655	0.637	3.022	1.426
5801	36.962	464.402	667.760	0.335	1.557	2.693	0.517	2.458	1.668	0.638	3.028	1.435
5802	30.599	473.368	649.443	0.357	1.638	2.812	0.532	2.513	1.794	0.651	3.067	1.556
5803	42.297	460.090	688.092	0.322	1.501	2.680	0.510	2.431	1.610	0.631	3.011	1.353
5804	24.408	506.444	654.001	0.987	1.625	5.497	0.894	2.516	3.330	0.883	3.072	2.644
5805	41.922	467.637	659.480	0.329	1.498	2.790	0.514	2.423	1.692	0.630	3.007	1.366
5806	49.794	465.862	644.133	0.308	1.447	2.632	0.500	2.391	1.563	0.622	2.974	1.318
5807	45.127	443.517	652.617	0.319	1.479	2.751	0.507	2.412	1.640	0.626	2.992	1.360
5808	32.076	491.646	671.717	0.348	1.611	2.738	0.527	2.491	1.749	0.645	3.056	1.490

5809	30.739	519.401	646.646	0.356	1.624	2.784	0.531	2.500	1.782	0.649	3.063	1.518
5810	35.488	517.758	656.539	0.339	1.563	2.717	0.521	2.465	1.694	0.638	3.030	1.428
5811	44.710	456.674	669.016	0.318	1.484	2.655	0.506	2.416	1.590	0.627	2.992	1.356
5812	41.834	471.161	651.924	0.323	1.508	2.673	0.510	2.430	1.621	0.631	3.008	1.372
5813	33.296	455.352	634.069	0.348	1.606	2.799	0.526	2.488	1.773	0.645	3.050	1.518
5814	42.167	485.149	684.844	0.320	1.499	2.639	0.510	2.436	1.575	0.629	3.001	1.352
5815	28.426	503.743	679.507	0.509	1.601	3.911	0.544	2.519	1.904	0.712	3.059	1.961
5816	44.140	392.550	684.907	0.324	1.493	2.785	0.511	2.420	1.682	0.629	2.997	1.403
5817	32.813	490.080	713.859	0.346	1.604	2.681	0.525	2.489	1.702	0.644	3.053	1.464
5818	32.892	449.956	613.500	0.354	1.611	2.871	0.531	2.492	1.825	0.647	3.049	1.555
5819	36.419	446.812	639.269	0.337	1.566	2.773	0.519	2.463	1.723	0.637	3.029	1.465
5820	32.932	524.391	618.373	0.344	1.599	2.727	0.523	2.484	1.720	0.643	3.050	1.479
5821	28.488	470.096	664.682	0.541	1.599	4.139	0.620	2.498	2.443	0.687	3.067	1.861
5822	37.462	515.312	673.702	0.334	1.539	2.695	0.517	2.450	1.661	0.635	3.021	1.395
5823	41.829	422.261	636.471	0.326	1.516	2.731	0.512	2.433	1.665	0.632	3.007	1.417
5824	43.415	480.382	705.219	0.316	1.490	2.600	0.506	2.416	1.578	0.626	2.993	1.336
5825	41.511	485.973	622.548	0.325	1.512	2.679	0.512	2.439	1.616	0.632	3.007	1.386
5826	44.282	468.840	628.164	0.317	1.490	2.680	0.507	2.419	1.614	0.627	2.992	1.372
5827	29.906	436.033	608.308	0.552	1.581	4.304	0.613	2.477	2.481	0.653	3.079	1.612
5828	62.810	483.499	702.066	0.285	1.343	2.542	0.487	2.331	1.447	0.610	2.932	1.179
5829	33.571	433.483	626.620	0.349	1.611	2.776	0.527	2.489	1.782	0.647	3.049	1.545
5830	53.910	470.928	726.477	0.300	1.415	2.572	0.496	2.372	1.519	0.618	2.961	1.258
5831	33.267	468.356	670.820	0.367	1.580	3.012	0.539	2.472	1.894	0.649	3.046	1.538
5832	34.912	495.072	657.859	0.340	1.575	2.712	0.521	2.468	1.703	0.640	3.035	1.451
5833	51.673	482.848	646.496	0.304	1.432	2.601	0.499	2.383	1.536	0.620	2.965	1.296
5834	45.817	465.404	691.446	0.319	1.467	2.717	0.507	2.405	1.619	0.625	2.990	1.316
5835	41.657	475.821	720.804	0.323	1.502	2.636	0.510	2.427	1.595	0.630	3.002	1.353
5836	19.656	452.524	651.613	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5837	27.983	516.756	662.434	0.552	1.599	4.090	0.623	2.485	2.445	0.723	3.056	2.024
5838	36.950	455.472	669.890	0.341	1.551	2.802	0.522	2.457	1.733	0.637	3.028	1.435
5839	29.595	451.416	690.804	0.362	1.657	2.823	0.552	2.510	2.006	0.653	3.073	1.577
5840	36.999	450.072	679.414	0.338	1.553	2.755	0.519	2.455	1.708	0.638	3.030	1.434
5841	27.370	453.678	602.179	0.964	1.586	5.509	0.615	2.513	2.494	0.748	3.058	2.234
5842	43.201	509.166	645.525	0.319	1.487	2.701	0.508	2.418	1.623	0.627	2.998	1.345
5843	43.832	511.384	622.891	0.320	1.485	2.688	0.506	2.415	1.594	0.627	2.991	1.356
5844	32.271	484.189	636.788	0.376	1.586	3.145	0.529	2.502	1.762	0.647	3.068	1.493
5845	42.555	481.871	613.069	0.322	1.503	2.709	0.511	2.435	1.626	0.630	3.006	1.380
5846	34.146	427.478	686.155	0.344	1.597	2.771	0.524	2.483	1.752	0.642	3.044	1.495
5847	43.540	453.909	657.234	0.320	1.496	2.667	0.508	2.422	1.607	0.628	2.995	1.373
5848	30.993	491.619	642.401	0.353	1.629	2.784	0.531	2.508	1.778	0.648	3.060	1.531
5849	52.326	448.297	622.615	0.307	1.429	2.726	0.500	2.388	1.574	0.620	2.964	1.329
5850	31.333	454.085	637.724	0.363	1.619	2.991	0.538	2.507	1.891	0.648	3.065	1.548
5851	41.369	437.721	655.311	0.325	1.515	2.737	0.514	2.447	1.643	0.631	3.005	1.405
5852	39.849	473.418	672.271	0.325	1.525	2.651	0.513	2.445	1.622	0.633	3.016	1.380

5853	40.148	464.146	672.759	0.326	1.523	2.664	0.512	2.438	1.626	0.632	3.008	1.397
5854	24.538	493.663	675.240	1.894	1.615	6.937	0.881	2.512	3.307	2.682	3.047	5.874
5855	43.021	495.276	646.636	0.327	1.487	2.774	0.511	2.415	1.665	0.628	2.995	1.356
5856	36.742	467.032	692.013	0.335	1.555	2.689	0.518	2.458	1.669	0.638	3.037	1.408
5857	44.189	432.744	670.951	0.320	1.490	2.691	0.508	2.420	1.612	0.629	3.002	1.367
5858	33.479	473.889	685.530	0.345	1.594	2.731	0.524	2.484	1.718	0.645	3.061	1.453
5859	40.377	476.440	589.980	0.329	1.526	2.740	0.514	2.441	1.673	0.635	3.021	1.414
5860	31.255	497.246	691.777	0.351	1.623	2.749	0.543	2.488	1.923	0.646	3.060	1.496
5861	38.563	458.918	669.295	0.333	1.537	2.711	0.517	2.448	1.673	0.635	3.016	1.418
5862	33.684	455.098	672.998	0.345	1.598	2.733	0.524	2.486	1.728	0.644	3.048	1.492
5863	32.782	466.769	657.137	0.349	1.606	2.779	0.527	2.493	1.754	0.646	3.052	1.508
5864	36.006	456.505	698.714	0.339	1.567	2.720	0.520	2.466	1.697	0.639	3.035	1.439
5865	27.622	445.793	626.111	0.620	1.603	4.581	0.608	2.510	2.444	0.745	3.056	2.215
5866	39.987	471.407	676.927	0.328	1.517	2.734	0.515	2.448	1.643	0.633	3.021	1.368
5867	35.018	427.205	657.957	0.343	1.587	2.773	0.523	2.476	1.741	0.643	3.049	1.482
5868	43.140	475.007	594.761	0.320	1.500	2.708	0.509	2.424	1.644	0.630	3.006	1.384
5869	40.978	450.266	652.223	0.323	1.519	2.697	0.512	2.445	1.635	0.631	3.012	1.392
5870	38.543	426.701	698.097	0.330	1.544	2.699	0.514	2.449	1.668	0.635	3.022	1.424
5871	44.561	467.280	681.328	0.318	1.481	2.658	0.508	2.425	1.560	0.627	2.994	1.340
5872	42.058	485.176	647.483	0.323	1.504	2.671	0.509	2.426	1.614	0.630	3.003	1.371
5873	34.623	469.445	649.962	0.342	1.584	2.752	0.522	2.474	1.726	0.642	3.042	1.475
5874	34.605	529.644	625.593	0.339	1.577	2.695	0.521	2.472	1.693	0.640	3.038	1.445
5875	38.299	439.733	693.227	0.332	1.542	2.712	0.516	2.452	1.665	0.636	3.027	1.408
5876	43.411	472.803	629.770	0.320	1.497	2.661	0.508	2.422	1.612	0.628	2.995	1.376
5877	42.633	489.805	678.169	0.319	1.494	2.639	0.510	2.436	1.563	0.627	2.996	1.346
5878	49.310	484.564	639.143	0.309	1.447	2.629	0.501	2.392	1.551	0.622	2.976	1.308
5879	47.257	510.026	641.684	0.313	1.454	2.666	0.503	2.396	1.574	0.623	2.981	1.306
5880	30.763	488.262	644.863	0.359	1.627	2.862	0.533	2.499	1.838	0.649	3.068	1.526
5881	41.385	492.773	699.898	0.323	1.504	2.640	0.511	2.432	1.591	0.630	3.005	1.350
5882	42.028	518.478	621.519	0.322	1.502	2.644	0.509	2.428	1.591	0.631	3.008	1.357
5883	30.669	482.020	686.761	0.487	1.576	3.815	0.534	2.518	1.774	0.657	3.066	1.600
5884	30.871	443.256	639.360	0.361	1.638	2.900	0.536	2.505	1.882	0.651	3.063	1.580
5885	37.751	493.631	631.440	0.333	1.543	2.736	0.516	2.450	1.683	0.635	3.023	1.422
5886	37.693	472.985	666.274	0.332	1.547	2.699	0.516	2.454	1.657	0.637	3.033	1.405
5887	31.624	464.416	679.322	0.354	1.626	2.777	0.532	2.513	1.759	0.649	3.065	1.523
5888	43.207	461.573	643.840	0.322	1.496	2.699	0.509	2.421	1.628	0.630	3.003	1.371
5889	49.841	516.696	733.370	0.304	1.437	2.477	0.499	2.391	1.463	0.620	2.973	1.245
5890	37.996	430.758	662.853	0.343	1.544	2.846	0.523	2.449	1.770	0.640	3.037	1.426
5891	43.047	482.884	671.503	0.318	1.495	2.622	0.507	2.422	1.587	0.628	2.998	1.351
5892	43.828	461.959	621.491	0.320	1.495	2.687	0.509	2.426	1.613	0.629	2.998	1.378
5893	30.905	440.303	624.424	0.511	1.572	4.063	0.533	2.515	1.843	0.696	3.041	1.937
5894	27.441	470.288	667.494	0.696	1.600	4.680	0.702	2.489	2.794	0.747	3.065	2.164
5895	39.164	507.662	702.000	0.331	1.520	2.686	0.516	2.445	1.628	0.633	3.018	1.354
5896	34.987	428.886	653.663	0.344	1.588	2.767	0.524	2.476	1.748	0.643	3.037	1.505

5897	34.103	443.946	616.351	0.345	1.600	2.799	0.525	2.487	1.770	0.643	3.046	1.516
5898	37.910	412.962	711.640	0.332	1.550	2.732	0.516	2.455	1.693	0.635	3.022	1.436
5899	27.202	453.439	663.867	0.764	1.595	4.954	0.680	2.497	2.740	0.758	3.072	2.211
5900	34.620	421.147	602.419	0.350	1.593	2.931	0.528	2.476	1.861	0.644	3.046	1.534
5901	31.406	489.916	660.551	0.349	1.621	2.757	0.528	2.504	1.750	0.645	3.058	1.507
5902	23.571	459.694	688.234	1.833	1.634	7.037	0.931	2.513	3.540	0.976	3.071	2.968
5903	35.559	474.959	647.392	0.349	1.560	2.893	0.528	2.463	1.804	0.640	3.035	1.464
5904	24.655	421.772	671.432	1.014	1.638	5.668	0.887	2.528	3.395	0.923	3.093	2.767
5905	31.912	445.779	663.453	0.457	1.569	3.732	0.537	2.493	1.893	0.647	3.058	1.542
5906	32.636	427.499	614.238	0.353	1.622	2.874	0.530	2.498	1.838	0.648	3.057	1.567
5907	23.698	447.764	636.532	2.176	1.620	7.792	1.045	2.510	3.892	1.187	3.070	3.463
5908	45.713	486.283	621.473	0.318	1.467	2.765	0.507	2.402	1.659	0.625	2.986	1.343
5909	46.422	495.313	632.734	0.313	1.466	2.661	0.505	2.411	1.581	0.625	2.989	1.329
5910	32.258	468.827	677.709	0.352	1.607	2.815	0.529	2.489	1.790	0.645	3.056	1.497
5911	30.505	456.056	692.535	0.360	1.640	2.819	0.535	2.512	1.816	0.651	3.066	1.549
5912	49.125	474.422	636.427	0.311	1.448	2.680	0.502	2.391	1.577	0.624	2.980	1.320
5913	40.317	436.667	696.953	0.329	1.521	2.734	0.514	2.438	1.667	0.633	3.022	1.373
5914	36.398	469.203	644.214	0.336	1.565	2.696	0.518	2.461	1.684	0.638	3.028	1.450
5915	29.594	432.655	661.698	0.516	1.591	4.079	0.538	2.530	1.867	0.654	3.076	1.607
5916	32.656	468.340	649.885	0.351	1.605	2.830	0.529	2.492	1.787	0.645	3.054	1.509
5917	36.824	460.890	629.695	0.336	1.561	2.751	0.518	2.459	1.714	0.637	3.027	1.456
5918	41.700	491.677	747.361	0.319	1.501	2.573	0.508	2.427	1.560	0.628	2.999	1.331
5919	35.158	484.205	602.925	0.344	1.580	2.763	0.524	2.475	1.730	0.643	3.035	1.496
5920	40.400	449.150	692.376	0.325	1.521	2.675	0.511	2.439	1.633	0.633	3.020	1.376
5921	45.529	498.813	638.373	0.317	1.473	2.658	0.506	2.420	1.552	0.626	2.988	1.337
5922	34.932	476.111	656.683	0.341	1.578	2.745	0.522	2.470	1.725	0.640	3.037	1.459
5923	22.505	470.376	680.048	1.964	1.651	7.250	1.811	2.518	5.148	1.331	3.073	3.759
5924	22.598	464.309	692.899	1.877	1.650	7.130	0.910	2.555	3.452	1.233	3.088	3.519
5925	36.254	452.051	676.466	0.350	1.552	2.915	0.529	2.454	1.823	0.641	3.035	1.465
5926	41.326	444.218	674.055	0.418	1.470	3.510	0.511	2.434	1.628	0.631	3.003	1.395
5927	38.499	500.739	726.191	0.327	1.532	2.591	0.513	2.447	1.587	0.634	3.022	1.355
5928	30.193	457.590	627.146	0.364	1.648	2.886	0.537	2.517	1.858	0.654	3.065	1.609
5929	38.971	515.129	650.225	0.334	1.521	2.789	0.513	2.441	1.645	0.633	3.017	1.379
5930	20.546	494.058	672.701	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5931	41.793	427.919	685.802	0.339	1.495	2.942	0.520	2.420	1.781	0.634	3.003	1.442
5932	33.158	441.788	646.939	0.348	1.611	2.770	0.526	2.492	1.765	0.645	3.051	1.521
5933	25.031	480.350	667.755	0.945	1.617	5.412	0.887	2.511	3.316	5.461	3.043	9.368
5934	27.853	465.215	668.435	0.745	1.590	4.791	0.645	2.502	2.551	0.745	3.068	2.135
5935	38.347	434.740	727.297	0.336	1.539	2.765	0.518	2.448	1.699	0.636	3.028	1.404
5936	22.968	482.711	689.743	1.320	1.660	6.110	1.080	2.528	3.799	1.100	3.088	3.209
5937	29.104	437.964	697.670	0.555	1.590	4.191	0.631	2.488	2.489	0.741	3.050	2.127
5938	41.220	493.448	684.666	0.325	1.506	2.656	0.511	2.429	1.612	0.630	3.001	1.363
5939	36.791	461.721	653.406	0.337	1.560	2.723	0.519	2.461	1.688	0.639	3.030	1.448
5940	45.847	504.156	635.482	0.314	1.471	2.637	0.506	2.418	1.554	0.625	2.986	1.329

5941	31.063	476.997	660.547	0.356	1.625	2.829	0.532	2.503	1.809	0.647	3.060	1.525
5942	31.512	508.398	675.021	0.382	1.587	3.126	0.530	2.495	1.761	0.647	3.063	1.480
5943	31.693	452.114	673.906	0.493	1.565	3.882	0.533	2.500	1.824	0.649	3.061	1.540
5944	32.368	500.136	630.396	0.363	1.592	2.992	0.528	2.490	1.772	0.646	3.053	1.509
5945	31.305	480.679	641.475	0.355	1.623	2.832	0.531	2.499	1.810	0.649	3.066	1.527
5946	39.991	514.857	664.143	0.326	1.517	2.663	0.512	2.437	1.617	0.631	3.007	1.371
5947	45.927	505.586	641.264	0.314	1.471	2.605	0.506	2.418	1.547	0.626	2.987	1.329
5948	34.717	490.845	609.747	0.343	1.582	2.782	0.523	2.472	1.753	0.642	3.046	1.465
5949	34.624	439.152	683.610	0.342	1.585	2.763	0.604	2.449	2.288	0.641	3.041	1.479
5950	33.266	457.873	741.746	0.346	1.598	2.703	0.525	2.486	1.711	0.644	3.050	1.468
5951	39.504	460.826	639.218	0.331	1.532	2.705	0.515	2.445	1.660	0.635	3.016	1.423
5952	37.789	453.916	664.168	0.331	1.550	2.688	0.515	2.452	1.669	0.635	3.022	1.428
5953	26.487	457.214	646.205	0.926	1.596	5.420	0.657	2.513	2.674	0.777	3.059	2.342
5954	43.092	483.584	669.491	0.322	1.489	2.714	0.510	2.418	1.635	0.628	2.998	1.349
5955	49.158	441.782	615.903	0.311	1.456	2.708	0.502	2.395	1.613	0.624	2.978	1.357
5956	29.919	446.859	617.334	0.364	1.652	2.973	0.609	2.483	2.431	0.651	3.075	1.594
5957	40.752	504.819	623.039	0.325	1.511	2.733	0.513	2.443	1.633	0.631	3.013	1.378
5958	32.531	467.972	661.883	0.349	1.610	2.770	0.527	2.492	1.759	0.645	3.054	1.504
5959	27.089	499.656	682.203	0.945	1.586	5.211	0.635	2.512	2.471	0.745	3.074	2.108
5960	35.099	454.793	633.336	0.349	1.573	2.885	0.529	2.480	1.783	0.641	3.035	1.486
5961	31.336	465.305	685.496	0.353	1.630	2.769	0.532	2.515	1.761	0.648	3.066	1.519
5962	30.399	480.182	625.322	0.361	1.639	2.870	0.535	2.508	1.851	0.651	3.064	1.572
5963	32.149	464.817	679.526	0.352	1.611	2.816	0.529	2.492	1.792	0.646	3.057	1.503
5964	34.084	477.108	665.435	0.344	1.585	2.752	0.524	2.478	1.730	0.642	3.040	1.473
5965	23.736	492.576	675.341	1.610	1.606	6.857	0.768	2.517	3.108	0.921	3.094	2.724
5966	40.132	440.887	642.659	0.338	1.516	2.894	0.519	2.431	1.767	0.633	3.014	1.416
5967	38.952	478.971	645.440	0.328	1.536	2.672	0.513	2.445	1.651	0.633	3.014	1.407
5968	41.428	464.006	621.984	0.324	1.516	2.702	0.513	2.445	1.632	0.631	3.004	1.406
5969	33.587	397.166	645.985	0.470	1.547	3.909	0.527	2.489	1.823	0.645	3.048	1.554
5970	32.051	418.453	632.036	0.353	1.631	2.860	0.530	2.503	1.834	0.647	3.058	1.572
5971	49.275	507.477	629.949	0.311	1.440	2.704	0.499	2.390	1.549	0.622	2.976	1.302
5972	30.534	472.536	618.008	0.366	1.630	2.993	0.539	2.503	1.917	0.650	3.069	1.561
5973	29.438	453.587	688.763	0.455	1.600	3.710	0.579	2.493	2.225	0.653	3.080	1.570
5974	36.042	483.323	640.218	0.340	1.562	2.771	0.521	2.463	1.723	0.639	3.033	1.450
5975	30.544	507.868	624.196	0.377	1.609	3.112	0.532	2.510	1.787	0.649	3.062	1.541
5976	33.969	475.552	664.784	0.345	1.586	2.779	0.524	2.477	1.745	0.644	3.057	1.452
5977	33.554	447.919	659.251	0.347	1.600	2.781	0.526	2.487	1.758	0.644	3.048	1.506
5978	36.463	484.386	631.799	0.336	1.562	2.723	0.520	2.474	1.677	0.638	3.031	1.446
5979	26.964	447.279	676.886	0.992	1.590	5.470	0.687	2.500	2.765	0.740	3.062	2.171
5980	36.686	522.128	630.365	0.338	1.550	2.761	0.520	2.453	1.713	0.637	3.028	1.419
5981	34.245	513.174	596.852	0.342	1.586	2.754	0.523	2.478	1.729	0.642	3.043	1.480
5982	40.019	509.102	739.404	0.323	1.514	2.585	0.510	2.435	1.573	0.630	3.009	1.337
5983	38.809	500.260	625.489	0.332	1.535	2.683	0.515	2.448	1.641	0.636	3.016	1.419
5984	41.072	445.211	655.677	0.343	1.498	2.988	0.513	2.444	1.633	0.633	3.015	1.392

5985	45.628	498.186	667.732	0.314	1.470	2.627	0.504	2.408	1.557	0.625	2.987	1.322
5986	44.123	439.161	672.620	0.320	1.489	2.698	0.508	2.417	1.620	0.628	2.996	1.368
5987	38.653	530.924	626.994	0.328	1.532	2.654	0.514	2.453	1.612	0.634	3.023	1.383
5988	34.594	475.206	639.996	0.342	1.585	2.747	0.522	2.474	1.730	0.642	3.042	1.474
5989	25.158	507.926	646.633	0.951	1.613	5.366	0.696	2.511	2.806	0.901	3.074	2.631
5990	29.169	465.867	648.472	0.548	1.589	4.174	0.550	2.528	1.963	0.713	3.055	2.001
5991	39.908	487.229	657.055	0.380	1.485	3.265	0.515	2.448	1.639	0.633	3.021	1.373
5992	44.980	437.524	633.459	0.318	1.488	2.709	0.508	2.425	1.618	0.628	2.995	1.378
5993	36.466	468.426	642.642	0.336	1.563	2.746	0.518	2.461	1.706	0.640	3.045	1.429
5994	47.083	468.747	694.669	0.311	1.462	2.611	0.503	2.402	1.555	0.624	2.982	1.319
5995	28.746	498.625	666.114	0.519	1.593	3.979	0.600	2.500	2.293	0.654	3.080	1.566
5996	46.845	482.585	686.980	0.315	1.460	2.642	0.504	2.401	1.567	0.624	2.981	1.312
5997	41.880	501.593	665.632	0.324	1.500	2.659	0.512	2.436	1.589	0.630	3.002	1.354
5998	35.459	475.764	656.979	0.444	1.523	3.614	0.521	2.469	1.699	0.639	3.033	1.458
5999	40.052	494.575	655.601	0.325	1.520	2.652	0.512	2.439	1.619	0.632	3.011	1.379
6000	27.298	422.795	666.966	0.715	1.598	4.918	0.654	2.511	2.655	0.784	3.055	2.368
6001	39.612	493.536	661.712	0.330	1.520	2.724	0.514	2.439	1.655	0.632	3.014	1.379
6002	45.098	465.639	702.808	0.315	1.477	2.618	0.505	2.411	1.565	0.627	2.997	1.324
6003	34.211	458.463	650.791	0.346	1.589	2.782	0.527	2.487	1.746	0.643	3.043	1.494
6004	42.139	504.575	654.443	0.320	1.500	2.636	0.508	2.426	1.590	0.629	3.001	1.357
6005	25.004	467.963	700.865	0.986	1.616	5.515	0.819	2.509	3.171	0.870	3.067	2.607
6006	54.683	477.978	650.171	0.304	1.408	2.667	0.500	2.378	1.539	0.618	2.955	1.279
6007	35.864	469.153	721.354	0.352	1.552	2.901	0.530	2.459	1.801	0.642	3.037	1.455
6008	38.053	495.113	627.608	0.332	1.544	2.685	0.516	2.451	1.658	0.637	3.022	1.426
6009	29.730	478.477	676.744	0.509	1.585	3.939	0.606	2.485	2.339	0.726	3.047	2.031
6010	39.825	492.405	655.779	0.329	1.520	2.696	0.513	2.435	1.650	0.633	3.017	1.382
6011	48.233	490.024	642.827	0.310	1.456	2.608	0.504	2.407	1.546	0.624	2.981	1.312
6012	36.485	477.075	656.527	0.339	1.556	2.767	0.520	2.459	1.718	0.637	3.032	1.428
6013	37.811	503.410	660.359	0.331	1.541	2.660	0.515	2.452	1.629	0.634	3.018	1.403
6014	41.597	464.728	617.943	0.326	1.513	2.727	0.511	2.432	1.645	0.633	3.012	1.397
6015	38.075	486.771	626.511	0.330	1.544	2.710	0.515	2.453	1.667	0.636	3.028	1.411
6016	39.852	470.868	670.445	0.326	1.525	2.660	0.512	2.438	1.632	0.633	3.020	1.381
6017	31.007	450.803	655.894	0.356	1.638	2.809	0.533	2.515	1.799	0.650	3.065	1.560
6018	24.770	435.468	653.933	1.458	1.615	6.540	0.967	2.500	3.650	0.958	3.073	2.907
6019	27.820	473.314	697.154	0.907	1.576	5.140	0.641	2.495	2.522	0.717	3.066	2.006
6020	47.106	453.266	612.487	0.317	1.465	2.746	0.506	2.401	1.645	0.626	2.984	1.365
6021	47.185	490.141	656.892	0.311	1.460	2.636	0.502	2.401	1.564	0.623	2.983	1.316
6022	27.884	446.804	644.551	0.717	1.592	4.830	0.661	2.497	2.662	0.659	3.092	1.647
6023	51.727	477.370	697.499	0.305	1.427	2.623	0.498	2.381	1.531	0.621	2.974	1.268
6024	46.930	473.547	681.351	0.318	1.458	2.715	0.508	2.407	1.599	0.625	2.988	1.309
6025	36.340	485.803	653.929	0.339	1.558	2.750	0.520	2.460	1.707	0.637	3.028	1.432
6026	33.025	436.343	601.791	0.351	1.618	2.847	0.529	2.497	1.817	0.647	3.054	1.559
6027	30.704	457.221	607.836	0.390	1.602	3.349	0.533	2.514	1.858	0.649	3.065	1.582
6028	40.544	459.470	628.209	0.326	1.521	2.747	0.512	2.438	1.675	0.631	3.008	1.412

6029	32.424	468.331	641.293	0.348	1.615	2.777	0.527	2.494	1.769	0.645	3.051	1.522
6030	40.987	480.342	667.360	0.324	1.512	2.666	0.510	2.431	1.620	0.630	3.006	1.371
6031	30.296	473.798	626.707	0.511	1.577	4.006	0.533	2.509	1.835	0.685	3.051	1.845
6032	49.034	499.137	662.599	0.308	1.444	2.612	0.501	2.392	1.540	0.623	2.982	1.283
6033	47.554	479.000	626.899	0.315	1.458	2.706	0.505	2.399	1.610	0.624	2.979	1.331
6034	30.707	502.646	695.885	0.470	1.571	3.700	0.531	2.498	1.788	0.685	3.038	1.812
6035	40.786	468.286	594.346	0.330	1.522	2.762	0.515	2.440	1.687	0.633	3.007	1.427
6036	40.301	475.123	636.611	0.324	1.523	2.680	0.511	2.436	1.648	0.631	3.010	1.400
6037	41.809	476.159	610.528	0.322	1.514	2.687	0.510	2.431	1.643	0.631	3.008	1.391
6038	34.131	452.844	678.614	0.342	1.590	2.752	0.604	2.449	2.295	0.697	3.022	1.869
6039	32.924	475.326	645.911	0.348	1.603	2.770	0.527	2.491	1.748	0.646	3.059	1.488
6040	39.322	480.427	721.634	0.327	1.525	2.638	0.513	2.442	1.608	0.632	3.014	1.370
6041	35.429	483.177	654.248	0.340	1.572	2.703	0.521	2.466	1.694	0.642	3.043	1.444
6042	34.451	487.839	698.305	0.369	1.554	3.059	0.521	2.472	1.686	0.640	3.037	1.444
6043	30.779	475.777	701.261	0.358	1.631	2.780	0.534	2.514	1.770	0.652	3.076	1.508
6044	32.813	417.330	648.985	0.356	1.613	2.897	0.531	2.491	1.840	0.647	3.051	1.557
6045	46.412	464.730	701.963	0.312	1.466	2.631	0.504	2.407	1.561	0.624	2.986	1.315
6046	27.016	476.532	699.440	0.780	1.601	4.828	0.634	2.507	2.493	0.757	3.058	2.206
6047	45.554	443.338	633.299	0.321	1.478	2.769	0.511	2.421	1.648	0.628	2.995	1.367
6048	25.252	445.080	720.002	0.981	1.614	5.516	0.921	2.492	3.454	0.950	3.061	2.833
6049	32.852	533.444	617.928	0.355	1.586	2.878	0.532	2.478	1.814	0.643	3.046	1.477
6050	40.819	461.298	640.967	0.327	1.518	2.721	0.515	2.448	1.644	0.633	3.015	1.393
6051	44.636	514.771	627.329	0.314	1.481	2.610	0.507	2.418	1.590	0.626	2.991	1.341
6052	33.032	437.230	677.224	0.377	1.582	3.164	0.528	2.492	1.778	0.645	3.052	1.511
6053	37.814	433.958	659.192	0.334	1.552	2.743	0.517	2.453	1.702	0.639	3.039	1.428
6054	26.877	480.395	633.469	0.900	1.591	5.252	0.671	2.502	2.699	0.758	3.056	2.242
6055	32.288	481.862	656.279	0.355	1.602	2.880	0.531	2.485	1.833	0.644	3.052	1.502
6056	33.182	417.741	693.072	0.474	1.550	3.819	0.528	2.492	1.788	0.646	3.053	1.518
6057	31.682	497.003	628.945	0.352	1.619	2.781	0.529	2.500	1.771	0.648	3.060	1.520
6058	32.851	437.303	682.795	0.352	1.610	2.830	0.529	2.494	1.788	0.645	3.053	1.513
6059	30.144	484.351	713.932	0.387	1.610	3.147	0.553	2.496	1.990	0.697	3.061	1.841
6060	33.927	481.055	654.781	0.349	1.584	2.805	0.526	2.476	1.756	0.643	3.041	1.485
6061	41.334	464.989	668.293	0.324	1.511	2.678	0.511	2.433	1.621	0.631	3.007	1.376
6062	36.634	471.683	648.280	0.336	1.561	2.712	0.518	2.462	1.680	0.637	3.027	1.444
6063	43.280	446.751	645.322	0.320	1.501	2.681	0.510	2.434	1.616	0.629	2.999	1.385
6064	35.400	448.173	657.063	0.339	1.578	2.735	0.520	2.470	1.713	0.640	3.038	1.471
6065	41.099	475.731	664.773	0.324	1.511	2.674	0.510	2.434	1.611	0.631	3.010	1.371
6066	44.112	429.078	640.793	0.320	1.494	2.721	0.508	2.418	1.645	0.629	2.999	1.385
6067	32.007	496.875	694.427	0.348	1.609	2.732	0.526	2.494	1.725	0.644	3.052	1.479
6068	34.160	514.566	678.217	0.344	1.576	2.725	0.524	2.475	1.697	0.641	3.040	1.445
6069	42.102	430.045	636.742	0.326	1.512	2.736	0.511	2.429	1.662	0.632	3.005	1.410
6070	32.981	508.685	657.842	0.343	1.597	2.704	0.523	2.484	1.703	0.643	3.049	1.467
6071	37.474	474.489	680.785	0.334	1.545	2.703	0.517	2.451	1.667	0.636	3.024	1.415
6072	32.969	464.445	618.264	0.349	1.612	2.788	0.527	2.490	1.783	0.646	3.048	1.534

6073	37.773	478.007	628.746	0.332	1.547	2.741	0.515	2.450	1.689	0.636	3.024	1.432
6074	21.602	460.044	670.292	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6075	37.947	464.863	674.234	0.345	1.530	2.900	0.527	2.454	1.769	0.637	3.020	1.437
6076	37.182	445.769	714.016	0.335	1.556	2.684	0.518	2.461	1.661	0.638	3.029	1.427
6077	40.967	480.070	684.702	0.324	1.513	2.628	0.511	2.434	1.596	0.631	3.007	1.371
6078	30.982	450.939	660.506	0.357	1.637	2.818	0.533	2.512	1.808	0.651	3.065	1.561
6079	39.474	477.387	595.229	0.330	1.533	2.758	0.515	2.442	1.699	0.635	3.024	1.416
6080	35.754	478.575	672.570	0.335	1.568	2.689	0.518	2.467	1.675	0.638	3.036	1.433
6081	55.390	468.455	658.904	0.302	1.408	2.642	0.498	2.381	1.513	0.619	2.963	1.270
6082	34.095	491.216	618.689	0.360	1.570	3.021	0.536	2.467	1.895	0.647	3.045	1.529
6083	27.534	480.390	668.873	0.681	1.600	4.605	0.633	2.508	2.495	0.740	3.057	2.140
6084	37.962	502.074	691.661	0.334	1.534	2.707	0.517	2.444	1.664	0.634	3.021	1.382
6085	42.590	489.381	676.689	0.320	1.497	2.615	0.511	2.437	1.557	0.629	2.998	1.354
6086	41.135	505.086	676.423	0.323	1.508	2.619	0.512	2.443	1.568	0.631	3.005	1.359
6087	38.715	453.740	630.429	0.332	1.544	2.726	0.516	2.447	1.689	0.636	3.021	1.437
6088	33.520	484.161	633.699	0.343	1.598	2.735	0.523	2.483	1.730	0.642	3.044	1.490
6089	34.485	411.146	683.792	0.346	1.596	2.815	0.525	2.481	1.776	0.643	3.042	1.513
6090	37.815	479.982	684.790	0.330	1.542	2.659	0.515	2.452	1.637	0.634	3.018	1.403
6091	31.442	532.666	667.375	0.432	1.560	3.493	0.528	2.497	1.711	0.647	3.065	1.467
6092	34.117	418.871	686.645	0.350	1.596	2.825	0.528	2.483	1.793	0.644	3.045	1.510
6093	44.060	467.062	720.920	0.317	1.484	2.610	0.506	2.416	1.568	0.627	2.995	1.327
6094	34.422	468.822	624.610	0.346	1.588	2.785	0.525	2.479	1.752	0.644	3.050	1.482
6095	31.008	505.911	644.596	0.352	1.624	2.771	0.613	2.463	2.368	0.647	3.062	1.519
6096	35.800	471.703	671.610	0.340	1.565	2.749	0.520	2.463	1.710	0.639	3.036	1.440
6097	29.485	447.648	651.891	0.514	1.592	4.065	0.540	2.534	1.861	0.695	3.065	1.899
6098	35.485	432.204	648.534	0.343	1.576	2.820	0.525	2.480	1.756	0.640	3.038	1.482
6099	41.692	477.358	614.719	0.323	1.512	2.710	0.510	2.430	1.644	0.631	3.009	1.388
6100	41.147	496.681	643.397	0.322	1.512	2.658	0.510	2.433	1.617	0.630	3.006	1.373
6101	26.467	489.302	665.252	0.667	1.616	4.597	0.669	2.500	2.695	0.737	3.068	2.134
6102	48.378	505.345	681.201	0.314	1.445	2.647	0.503	2.391	1.556	0.622	2.977	1.289
6103	37.400	485.834	624.726	0.339	1.546	2.800	0.519	2.451	1.724	0.637	3.026	1.429
6104	46.608	483.452	652.012	0.312	1.467	2.629	0.505	2.414	1.555	0.624	2.984	1.326
6105	34.664	452.444	642.811	0.344	1.583	2.803	0.526	2.484	1.749	0.641	3.041	1.482
6106	39.756	420.603	715.970	0.328	1.529	2.714	0.513	2.444	1.656	0.633	3.012	1.411
6107	33.502	455.273	623.273	0.348	1.606	2.782	0.526	2.491	1.759	0.645	3.048	1.528
6108	42.325	505.099	652.021	0.319	1.497	2.650	0.508	2.424	1.594	0.628	2.997	1.355
6109	24.657	477.317	673.476	1.006	1.621	5.597	0.897	2.513	3.355	0.916	3.069	2.757
6110	38.165	459.525	659.417	0.432	1.497	3.575	0.521	2.445	1.751	0.635	3.023	1.416
6111	32.073	510.530	671.627	0.347	1.608	2.707	0.525	2.491	1.716	0.645	3.055	1.483
6112	28.113	441.918	670.519	0.562	1.605	4.281	0.655	2.498	2.612	0.726	3.072	2.057
6113	36.453	464.117	653.606	0.340	1.559	2.797	0.520	2.459	1.729	0.640	3.044	1.427
6114	43.322	481.336	623.721	0.319	1.497	2.667	0.508	2.424	1.611	0.628	2.995	1.375
6115	26.253	454.525	683.061	1.058	1.597	5.610	0.641	2.514	2.588	0.773	3.064	2.301
6116	28.783	510.098	677.309	0.458	1.599	3.658	0.543	2.514	1.898	0.700	3.053	1.900

6117	32.571	453.312	661.531	0.355	1.607	2.852	0.532	2.486	1.829	0.647	3.057	1.516
6118	31.082	490.058	657.925	0.354	1.625	2.797	0.530	2.502	1.785	0.648	3.061	1.523
6119	44.237	479.214	757.140	0.318	1.479	2.606	0.506	2.414	1.549	0.626	2.993	1.312
6120	48.393	483.270	670.152	0.312	1.454	2.591	0.502	2.394	1.542	0.624	2.979	1.314
6121	33.552	468.788	673.516	0.349	1.590	2.798	0.527	2.479	1.772	0.643	3.046	1.477
6122	33.739	500.190	681.966	0.343	1.588	2.702	0.524	2.481	1.696	0.642	3.044	1.457
6123	38.825	445.619	649.223	0.333	1.541	2.739	0.516	2.449	1.685	0.636	3.020	1.433
6124	21.989	457.439	660.121	3.533	1.641	9.593	0.000	0.000	0.000	0.000	0.000	0.000
6125	46.586	480.737	596.654	0.323	1.459	2.860	0.509	2.401	1.689	0.625	2.986	1.356
6126	33.512	478.296	629.495	0.346	1.595	2.809	0.526	2.482	1.782	0.642	3.048	1.489
6127	27.506	474.623	633.076	0.570	1.612	4.308	0.641	2.499	2.578	0.728	3.074	2.078
6128	31.685	492.437	694.304	0.427	1.570	3.484	0.531	2.492	1.796	0.646	3.060	1.488
6129	37.804	523.029	668.472	0.332	1.537	2.661	0.516	2.447	1.639	0.636	3.025	1.384
6130	42.536	500.796	648.274	0.321	1.498	2.640	0.508	2.423	1.591	0.629	2.999	1.362
6131	33.001	450.385	705.148	0.348	1.606	2.750	0.527	2.488	1.752	0.645	3.052	1.494
6132	31.895	466.709	693.401	0.354	1.618	2.775	0.530	2.498	1.768	0.647	3.055	1.515
6133	33.950	462.716	684.347	0.347	1.589	2.771	0.526	2.481	1.740	0.645	3.053	1.469
6134	37.374	485.758	678.197	0.333	1.547	2.672	0.516	2.452	1.652	0.636	3.024	1.414
6135	44.129	473.010	689.318	0.317	1.486	2.615	0.509	2.429	1.555	0.628	2.994	1.343
6136	30.121	462.256	661.325	0.361	1.644	2.849	0.536	2.511	1.845	0.654	3.081	1.554
6137	38.527	459.657	638.680	0.333	1.540	2.759	0.516	2.446	1.700	0.635	3.021	1.431
6138	36.012	448.975	667.585	0.337	1.571	2.723	0.519	2.466	1.697	0.639	3.035	1.454
6139	23.542	491.820	662.488	1.478	1.635	6.466	0.912	2.534	3.416	0.991	3.080	2.943
6140	37.802	518.369	629.126	0.341	1.530	2.845	0.521	2.439	1.754	0.636	3.025	1.405
6141	40.336	479.320	645.574	0.325	1.521	2.672	0.512	2.438	1.633	0.632	3.009	1.395
6142	44.073	445.859	649.492	0.318	1.493	2.680	0.507	2.420	1.617	0.629	3.003	1.364
6143	34.370	431.828	652.840	0.344	1.595	2.786	0.525	2.483	1.760	0.643	3.045	1.503
6144	32.440	473.648	678.851	0.347	1.610	2.734	0.526	2.491	1.743	0.644	3.051	1.498
6145	38.495	475.509	631.949	0.333	1.540	2.732	0.516	2.450	1.677	0.637	3.031	1.413
6146	41.666	470.568	598.017	0.323	1.516	2.716	0.511	2.433	1.659	0.631	3.003	1.413
6147	48.734	512.817	595.833	0.309	1.449	2.678	0.501	2.392	1.585	0.623	2.983	1.315
6148	37.602	471.717	627.286	0.335	1.547	2.785	0.518	2.453	1.723	0.636	3.026	1.430
6149	36.944	491.964	789.555	0.331	1.548	2.585	0.515	2.455	1.598	0.636	3.032	1.356
6150	51.285	470.296	714.194	0.308	1.433	2.554	0.499	2.383	1.498	0.622	2.969	1.289
6151	35.066	474.455	659.315	0.349	1.568	2.855	0.528	2.466	1.795	0.640	3.036	1.457
6152	34.198	488.915	691.175	0.342	1.582	2.702	0.593	2.454	2.189	0.641	3.041	1.447
6153	29.190	487.041	653.971	0.478	1.595	3.805	0.537	2.522	1.835	0.684	3.054	1.834
6154	47.217	459.234	690.197	0.313	1.459	2.668	0.505	2.407	1.571	0.624	2.982	1.324
6155	42.981	450.656	670.220	0.322	1.498	2.691	0.509	2.421	1.631	0.629	3.000	1.369
6156	46.175	477.326	684.309	0.313	1.468	2.600	0.503	2.406	1.551	0.625	2.987	1.316
6157	24.887	483.634	621.606	0.969	1.620	5.559	0.688	2.515	2.839	0.770	3.077	2.334
6158	30.074	447.330	653.496	0.450	1.595	3.732	0.544	2.505	1.978	0.679	3.059	1.817
6159	33.348	454.845	700.528	0.348	1.599	2.777	0.526	2.482	1.764	0.644	3.050	1.485
6160	34.074	407.913	609.929	0.351	1.606	2.887	0.528	2.490	1.825	0.646	3.045	1.563

6161	29.768	445.272	684.546	0.439	1.599	3.642	0.535	2.527	1.825	0.701	3.049	1.944
6162	30.961	408.759	640.410	0.365	1.644	2.981	0.538	2.508	1.929	0.652	3.072	1.602
6163	32.793	483.555	677.630	0.346	1.601	2.753	0.526	2.487	1.743	0.643	3.051	1.481
6164	48.838	455.782	658.472	0.311	1.453	2.658	0.502	2.394	1.570	0.623	2.974	1.333
6165	39.571	472.204	663.013	0.329	1.525	2.713	0.514	2.441	1.659	0.634	3.024	1.376
6166	27.362	453.200	684.922	0.735	1.596	4.808	0.648	2.509	2.568	0.751	3.066	2.172
6167	35.045	502.814	627.074	0.345	1.569	2.819	0.525	2.468	1.756	0.640	3.038	1.457
6168	46.794	484.371	640.753	0.313	1.466	2.652	0.506	2.417	1.558	0.624	2.982	1.333
6169	36.289	446.858	637.718	0.340	1.565	2.803	0.521	2.464	1.740	0.639	3.034	1.462
6170	32.171	479.367	642.580	0.349	1.616	2.769	0.528	2.499	1.758	0.647	3.064	1.499
6171	29.081	420.176	655.541	0.676	1.579	4.724	0.599	2.492	2.402	0.758	3.061	2.203
6172	38.390	455.459	663.216	0.332	1.538	2.746	0.516	2.449	1.687	0.636	3.030	1.404
6173	32.748	491.372	620.618	0.347	1.609	2.758	0.526	2.491	1.750	0.645	3.052	1.512
6174	34.715	470.619	663.847	0.341	1.580	2.749	0.522	2.472	1.725	0.641	3.041	1.461
6175	42.523	477.171	681.828	0.321	1.498	2.644	0.508	2.425	1.589	0.628	2.997	1.358
6176	40.193	487.670	614.035	0.327	1.526	2.681	0.512	2.440	1.638	0.634	3.018	1.397
6177	30.649	483.731	625.249	0.379	1.609	3.159	0.531	2.508	1.809	0.649	3.067	1.549
6178	39.437	456.409	651.211	0.330	1.530	2.745	0.514	2.441	1.681	0.634	3.016	1.414
6179	46.801	467.817	725.358	0.310	1.465	2.568	0.502	2.401	1.544	0.624	2.982	1.309
6180	29.270	458.587	629.122	0.526	1.592	4.112	0.543	2.516	1.947	0.655	3.074	1.621
6181	33.135	497.304	668.839	0.347	1.592	2.774	0.526	2.480	1.754	0.644	3.061	1.446
6182	27.756	491.552	701.004	0.573	1.604	4.174	0.613	2.500	2.379	0.936	3.036	2.705
6183	39.221	449.071	690.161	0.334	1.529	2.751	0.517	2.442	1.694	0.634	3.013	1.409
6184	31.798	459.789	667.683	0.352	1.622	2.776	0.530	2.504	1.762	0.649	3.063	1.523
6185	37.046	439.598	646.434	0.337	1.559	2.764	0.519	2.459	1.717	0.637	3.026	1.458
6186	34.661	490.546	649.578	0.339	1.580	2.702	0.520	2.473	1.695	0.642	3.055	1.435
6187	49.129	461.216	653.880	0.309	1.450	2.648	0.501	2.391	1.569	0.623	2.978	1.322
6188	32.064	493.195	693.175	0.353	1.606	2.796	0.532	2.486	1.815	0.646	3.066	1.464
6189	33.498	484.897	673.290	0.347	1.592	2.749	0.526	2.482	1.736	0.644	3.047	1.477
6190	30.087	449.920	619.659	0.554	1.578	4.249	0.537	2.518	1.878	0.653	3.069	1.610
6191	38.082	463.583	613.249	0.333	1.547	2.783	0.517	2.453	1.720	0.635	3.021	1.445
6192	36.081	453.038	645.553	0.336	1.571	2.738	0.519	2.468	1.710	0.638	3.031	1.465
6193	36.242	516.487	674.090	0.333	1.556	2.647	0.516	2.459	1.636	0.636	3.025	1.409
6194	26.938	479.710	661.723	0.735	1.601	4.812	0.651	2.512	2.579	0.734	3.071	2.114
6195	29.470	479.659	660.834	0.513	1.586	3.980	0.591	2.487	2.283	0.690	3.055	1.866
6196	40.427	484.988	657.503	0.374	1.482	3.223	0.513	2.435	1.648	0.632	3.011	1.379
6197	45.958	449.065	655.552	0.315	1.477	2.658	0.505	2.408	1.602	0.627	2.996	1.345
6198	43.561	481.294	682.923	0.318	1.488	2.630	0.509	2.430	1.569	0.627	2.996	1.339
6199	39.878	495.239	641.557	0.327	1.523	2.661	0.513	2.446	1.614	0.633	3.015	1.385
6200	25.017	500.279	706.879	0.979	1.613	5.376	0.681	2.510	2.729	0.751	3.074	2.191
6201	35.671	445.948	657.525	0.352	1.563	2.916	0.528	2.463	1.811	0.654	3.035	1.589
6202	48.645	534.965	660.611	0.306	1.447	2.535	0.501	2.396	1.501	0.621	2.975	1.274
6203	35.550	455.578	674.009	0.345	1.566	2.821	0.525	2.466	1.756	0.642	3.049	1.431
6204	42.767	479.182	655.981	0.320	1.498	2.647	0.509	2.426	1.596	0.629	3.004	1.352

6205	30.699	473.485	647.344	0.357	1.636	2.816	0.532	2.509	1.802	0.650	3.066	1.548
6206	25.045	481.610	640.225	0.926	1.618	5.428	0.895	2.494	3.428	0.811	3.075	2.450
6207	32.006	533.716	630.234	0.357	1.597	2.888	0.532	2.484	1.820	0.644	3.052	1.476
6208	30.415	455.836	644.783	0.514	1.577	4.028	0.562	2.488	2.124	0.651	3.070	1.572
6209	42.503	479.869	669.400	0.321	1.498	2.672	0.509	2.422	1.615	0.628	2.997	1.362
6210	38.808	496.272	687.076	0.328	1.530	2.631	0.514	2.445	1.616	0.634	3.019	1.376
6211	27.686	493.117	625.403	0.554	1.606	4.221	0.615	2.502	2.434	0.726	3.059	2.082
6212	28.776	470.598	634.970	0.512	1.598	4.036	0.599	2.495	2.354	0.712	3.053	2.010
6213	31.480	505.984	608.793	0.355	1.617	2.857	0.531	2.496	1.826	0.646	3.059	1.521
6214	35.101	482.432	666.048	0.340	1.572	2.750	0.521	2.470	1.719	0.641	3.047	1.431
6215	36.392	478.818	635.161	0.337	1.563	2.736	0.519	2.461	1.700	0.640	3.041	1.435
6216	20.466	485.948	672.992	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6217	38.998	523.187	712.724	0.344	1.509	2.834	0.524	2.433	1.730	0.635	3.016	1.383
6218	41.997	434.111	616.638	0.327	1.516	2.734	0.512	2.435	1.657	0.632	3.003	1.425
6219	39.197	465.937	678.967	0.326	1.531	2.669	0.512	2.444	1.637	0.632	3.016	1.392
6220	38.062	488.167	673.061	0.331	1.541	2.662	0.514	2.449	1.634	0.635	3.020	1.405
6221	35.270	459.015	709.684	0.340	1.577	2.692	0.521	2.473	1.687	0.641	3.038	1.451
6222	63.542	460.662	660.692	0.304	1.308	3.131	0.492	2.236	1.879	0.739	2.957	1.953
6223	55.299	511.565	685.956	0.305	1.399	2.643	0.497	2.363	1.526	0.616	2.954	1.235
6224	34.743	497.477	660.946	0.360	1.558	2.970	0.536	2.459	1.872	0.646	3.037	1.506
6225	51.576	468.343	643.366	0.305	1.432	2.636	0.499	2.382	1.545	0.622	2.978	1.292
6226	29.909	478.784	704.695	0.528	1.580	3.978	0.552	2.500	1.992	0.652	3.077	1.535
6227	45.994	430.740	665.518	0.319	1.475	2.721	0.507	2.407	1.630	0.626	2.986	1.367
6228	26.294	450.464	682.958	0.951	1.598	5.414	0.889	2.496	3.308	0.925	3.058	2.735
6229	24.077	442.871	642.899	1.544	1.613	6.925	0.966	2.508	3.698	0.924	3.101	2.782
6230	34.883	535.647	699.846	0.345	1.559	2.777	0.525	2.465	1.722	0.637	3.037	1.393
6231	42.087	468.604	628.180	0.325	1.509	2.687	0.511	2.430	1.635	0.631	3.004	1.393
6232	43.506	469.111	695.168	0.318	1.490	2.637	0.509	2.432	1.567	0.627	2.996	1.347
6233	30.527	473.247	603.718	0.360	1.644	2.872	0.536	2.514	1.854	0.651	3.064	1.588
6234	35.608	496.036	671.388	0.337	1.564	2.726	0.520	2.464	1.698	0.637	3.031	1.429
6235	41.082	479.765	690.839	0.323	1.510	2.628	0.511	2.433	1.597	0.631	3.006	1.368
6236	40.711	433.128	660.189	0.327	1.524	2.701	0.512	2.438	1.649	0.633	3.011	1.413
6237	27.253	507.011	667.257	0.578	1.610	4.216	0.670	2.496	2.628	0.734	3.055	2.098
6238	31.850	506.986	712.913	0.357	1.603	2.823	0.533	2.489	1.794	0.649	3.052	1.513
6239	30.308	490.863	682.645	0.459	1.577	3.674	0.535	2.504	1.812	0.653	3.082	1.515
6240	28.075	438.781	628.046	0.622	1.598	4.589	0.648	2.498	2.634	0.742	3.065	2.172
6241	42.994	466.988	654.844	0.321	1.494	2.730	0.509	2.422	1.638	0.628	3.000	1.365
6242	28.765	478.749	669.738	0.467	1.606	3.763	0.539	2.534	1.842	0.724	3.061	2.022
6243	49.064	445.961	660.135	0.312	1.450	2.698	0.503	2.391	1.606	0.623	2.977	1.335
6244	34.057	444.850	635.531	0.350	1.590	2.880	0.527	2.476	1.813	0.642	3.043	1.502
6245	43.722	513.257	665.829	0.316	1.484	2.615	0.505	2.415	1.567	0.627	2.996	1.322
6246	41.255	452.421	702.281	0.325	1.512	2.664	0.511	2.434	1.616	0.631	3.007	1.374
6247	40.897	440.536	652.607	0.327	1.522	2.698	0.512	2.439	1.641	0.633	3.009	1.408
6248	33.462	472.161	659.242	0.343	1.599	2.721	0.523	2.483	1.723	0.642	3.044	1.489

6249	50.441	457.647	660.429	0.307	1.442	2.629	0.500	2.388	1.556	0.623	2.978	1.305
6250	37.667	470.512	668.995	0.337	1.542	2.783	0.519	2.449	1.719	0.636	3.030	1.399
6251	36.210	430.109	687.335	0.361	1.550	3.049	0.520	2.469	1.704	0.640	3.035	1.465
6252	31.473	468.224	662.157	0.353	1.626	2.784	0.530	2.505	1.772	0.648	3.062	1.530
6253	44.513	473.065	621.119	0.318	1.486	2.697	0.507	2.417	1.620	0.627	2.990	1.372
6254	27.180	464.589	634.609	0.674	1.605	4.700	0.631	2.511	2.537	0.761	3.060	2.255
6255	28.328	519.458	646.195	0.475	1.603	3.782	0.583	2.502	2.216	0.732	3.045	2.077
6256	29.598	450.490	685.519	0.483	1.593	3.861	0.557	2.504	2.059	0.662	3.082	1.638
6257	28.208	498.870	681.732	0.597	1.596	4.257	0.622	2.504	2.400	0.705	3.074	1.915
6258	31.185	466.389	651.171	0.363	1.623	2.921	0.536	2.501	1.859	0.649	3.060	1.548
6259	43.193	458.239	659.542	0.321	1.496	2.686	0.509	2.422	1.623	0.629	2.999	1.370
6260	40.136	490.409	661.839	0.325	1.519	2.650	0.511	2.435	1.623	0.632	3.014	1.373
6261	46.253	469.474	672.178	0.314	1.470	2.632	0.507	2.419	1.555	0.625	2.987	1.333
6262	25.738	467.792	622.748	0.938	1.609	5.477	0.794	2.495	3.167	0.934	3.061	2.803
6263	36.232	439.839	673.420	0.342	1.561	2.838	0.523	2.459	1.774	0.640	3.047	1.430
6264	36.654	425.388	666.533	0.337	1.567	2.742	0.519	2.467	1.704	0.639	3.032	1.465
6265	34.464	446.832	647.297	0.343	1.590	2.757	0.522	2.479	1.731	0.641	3.039	1.493
6266	21.539	449.745	712.336	14.057	1.632	18.036	0.000	0.000	0.000	0.000	0.000	0.000
6267	43.010	476.179	692.640	0.331	1.483	2.805	0.516	2.419	1.682	0.629	2.997	1.357
6268	34.471	444.741	656.353	0.344	1.589	2.760	0.525	2.486	1.732	0.642	3.039	1.497
6269	38.402	476.209	653.586	0.330	1.540	2.698	0.515	2.451	1.652	0.635	3.020	1.414
6270	41.459	434.115	763.036	0.323	1.512	2.631	0.510	2.433	1.602	0.630	3.005	1.366
6271	31.747	474.051	647.278	0.354	1.621	2.782	0.531	2.501	1.780	0.650	3.063	1.534
6272	43.988	495.134	668.189	0.317	1.483	2.634	0.506	2.415	1.580	0.627	2.993	1.337
6273	36.692	463.665	648.191	0.337	1.561	2.734	0.518	2.459	1.699	0.640	3.043	1.428
6274	25.165	447.157	689.958	0.954	1.616	5.506	0.728	2.530	2.906	0.873	3.088	2.573
6275	27.951	490.827	619.981	0.543	1.605	4.175	0.550	2.519	2.019	0.738	3.051	2.142
6276	37.095	490.534	648.707	0.336	1.548	2.756	0.519	2.452	1.711	0.637	3.035	1.407
6277	31.344	434.280	661.349	0.357	1.637	2.837	0.533	2.512	1.819	0.649	3.062	1.563
6278	36.403	489.780	647.352	0.337	1.558	2.729	0.519	2.461	1.694	0.637	3.028	1.433
6279	25.884	480.131	652.101	0.923	1.603	5.371	0.676	2.520	2.716	0.852	3.062	2.558
6280	24.322	457.831	669.278	1.659	1.618	6.752	3.592	2.489	7.578	0.982	3.069	2.965
6281	47.271	428.747	684.619	0.319	1.459	2.784	0.508	2.408	1.637	0.625	2.984	1.347
6282	39.824	474.793	695.250	0.328	1.520	2.677	0.512	2.437	1.628	0.632	3.015	1.370
6283	33.232	507.625	633.985	0.346	1.596	2.730	0.524	2.483	1.723	0.644	3.048	1.487
6284	36.018	419.560	718.273	0.339	1.571	2.744	0.521	2.465	1.724	0.640	3.036	1.458
6285	60.050	450.961	605.459	0.298	1.383	2.744	0.495	2.355	1.578	0.616	2.947	1.294
6286	38.877	441.736	700.487	0.358	1.509	3.095	0.534	2.443	1.862	0.643	3.013	1.513
6287	40.576	440.725	634.552	0.327	1.527	2.706	0.513	2.439	1.660	0.633	3.010	1.419
6288	35.420	473.194	693.162	0.337	1.570	2.689	0.518	2.468	1.672	0.638	3.034	1.435
6289	34.169	485.238	662.584	0.343	1.585	2.719	0.523	2.475	1.717	0.642	3.039	1.471
6290	31.759	430.823	598.881	0.357	1.635	2.909	0.533	2.505	1.865	0.650	3.062	1.594
6291	28.331	453.977	679.921	0.543	1.603	4.163	0.675	2.482	2.696	0.723	3.059	2.053
6292	38.475	500.942	688.001	0.331	1.529	2.689	0.516	2.444	1.650	0.634	3.017	1.379

6293	30.407	492.050	718.108	0.468	1.579	3.656	0.618	2.472	2.355	0.651	3.068	1.517
6294	26.079	458.055	652.694	0.986	1.601	5.544	0.927	2.493	3.443	0.923	3.069	2.722
6295	36.076	441.194	656.433	0.345	1.562	2.865	0.524	2.461	1.780	0.638	3.032	1.462
6296	48.712	452.228	679.200	0.309	1.453	2.640	0.502	2.396	1.567	0.623	2.978	1.323
6297	33.727	399.642	651.490	0.354	1.602	2.937	0.531	2.492	1.844	0.645	3.049	1.542
6298	36.957	436.272	716.532	0.334	1.560	2.705	0.517	2.460	1.679	0.637	3.032	1.430
6299	34.584	465.460	685.402	0.342	1.584	2.704	0.522	2.474	1.700	0.644	3.053	1.449
6300	32.083	505.189	665.781	0.373	1.585	3.062	0.528	2.490	1.756	0.646	3.053	1.494
6301	47.454	481.662	674.572	0.313	1.458	2.618	0.503	2.399	1.553	0.623	2.979	1.314
6302	29.709	468.868	725.189	0.513	1.584	3.914	0.590	2.487	2.240	0.652	3.070	1.554
6303	43.258	493.893	692.735	0.321	1.487	2.628	0.511	2.431	1.567	0.629	2.998	1.334
6304	48.242	464.501	677.947	0.312	1.455	2.626	0.502	2.399	1.547	0.624	2.982	1.313
6305	45.374	476.790	643.896	0.318	1.475	2.694	0.506	2.407	1.612	0.626	2.989	1.345
6306	34.841	451.641	653.765	0.343	1.582	2.780	0.523	2.475	1.743	0.641	3.040	1.477
6307	46.353	474.692	674.532	0.313	1.469	2.619	0.505	2.416	1.550	0.625	2.986	1.324
6308	31.032	480.111	681.360	0.379	1.609	3.086	0.536	2.518	1.790	0.649	3.064	1.521
6309	35.890	502.827	650.004	0.338	1.561	2.719	0.520	2.461	1.695	0.639	3.034	1.432
6310	35.917	451.310	643.815	0.340	1.572	2.758	0.520	2.468	1.719	0.639	3.032	1.471
6311	33.078	464.920	648.152	0.347	1.605	2.774	0.526	2.492	1.748	0.644	3.047	1.509
6312	36.136	452.147	655.866	0.338	1.567	2.752	0.520	2.466	1.710	0.639	3.034	1.456
6313	24.478	482.212	663.748	0.926	1.624	5.415	0.946	2.502	3.528	0.948	3.072	2.833
6314	31.652	497.830	591.827	0.364	1.609	3.005	0.538	2.490	1.918	0.649	3.053	1.567
6315	30.073	467.613	654.415	0.453	1.590	3.718	0.534	2.511	1.847	0.684	3.054	1.839
6316	37.260	469.423	656.816	0.335	1.551	2.741	0.518	2.453	1.702	0.637	3.028	1.429
6317	37.344	450.069	691.826	0.334	1.552	2.696	0.516	2.456	1.662	0.637	3.027	1.424
6318	35.778	480.754	674.826	0.338	1.567	2.686	0.520	2.467	1.671	0.639	3.032	1.438
6319	31.686	465.574	659.184	0.353	1.624	2.785	0.538	2.488	1.896	0.649	3.064	1.526
6320	38.969	505.567	680.595	0.328	1.526	2.657	0.513	2.443	1.618	0.632	3.011	1.380
6321	31.652	489.878	652.478	0.352	1.618	2.769	0.529	2.499	1.764	0.649	3.067	1.503
6322	31.604	464.794	672.607	0.355	1.620	2.827	0.531	2.498	1.801	0.647	3.057	1.523
6323	47.137	465.581	738.080	0.313	1.459	2.602	0.503	2.399	1.542	0.623	2.980	1.303
6324	40.326	506.714	604.864	0.330	1.520	2.716	0.514	2.437	1.660	0.634	3.014	1.394
6325	26.499	484.670	638.673	0.645	1.616	4.573	0.757	2.493	2.985	0.927	3.053	2.735
6326	42.459	472.567	606.299	0.326	1.500	2.790	0.512	2.422	1.695	0.630	3.005	1.385
6327	36.978	504.287	701.172	0.331	1.547	2.647	0.515	2.454	1.628	0.635	3.029	1.383
6328	34.978	491.166	635.515	0.342	1.576	2.734	0.522	2.472	1.712	0.642	3.039	1.463
6329	37.799	493.208	641.804	0.332	1.545	2.703	0.515	2.452	1.661	0.636	3.023	1.420
6330	41.617	447.635	680.937	0.323	1.511	2.664	0.512	2.439	1.615	0.631	3.004	1.386
6331	30.937	491.688	665.486	0.354	1.629	2.757	0.531	2.510	1.754	0.651	3.077	1.502
6332	38.125	470.586	679.459	0.333	1.540	2.706	0.517	2.450	1.666	0.635	3.018	1.412
6333	28.010	447.213	652.238	0.571	1.606	4.331	0.678	2.491	2.723	0.659	3.089	1.648
6334	34.996	434.010	644.269	0.346	1.580	2.859	0.525	2.470	1.798	0.641	3.042	1.489
6335	28.636	488.477	641.812	0.508	1.598	3.989	0.609	2.491	2.392	0.699	3.060	1.922
6336	33.876	469.587	696.197	0.348	1.587	2.792	0.526	2.478	1.758	0.642	3.044	1.464

6337	39.398	468.261	632.452	0.330	1.534	2.704	0.515	2.446	1.661	0.636	3.024	1.410
6338	38.498	457.411	661.304	0.329	1.541	2.691	0.515	2.451	1.655	0.635	3.026	1.406
6339	46.663	419.841	579.727	0.445	1.427	3.812	0.507	2.410	1.680	0.627	2.988	1.411
6340	30.137	433.926	658.365	0.403	1.614	3.415	0.625	2.477	2.496	0.717	3.046	2.036
6341	36.663	435.362	651.226	0.338	1.562	2.781	0.520	2.463	1.731	0.638	3.031	1.463
6342	41.689	479.582	657.189	0.321	1.508	2.643	0.509	2.431	1.610	0.629	3.002	1.373
6343	46.106	485.836	688.455	0.313	1.467	2.601	0.504	2.406	1.551	0.625	2.991	1.308
6344	30.118	453.785	632.831	0.375	1.633	3.075	0.594	2.488	2.318	0.652	3.068	1.590
6345	47.466	517.157	642.196	0.313	1.451	2.678	0.501	2.395	1.554	0.623	2.980	1.306
6346	52.210	448.285	669.515	0.306	1.430	2.664	0.499	2.381	1.562	0.620	2.969	1.299
6347	47.388	483.401	666.837	0.315	1.454	2.693	0.506	2.402	1.592	0.624	2.986	1.301
6348	30.078	515.410	738.746	0.384	1.611	3.054	0.581	2.479	2.152	0.654	3.082	1.501
6349	36.916	461.073	692.058	0.340	1.551	2.735	0.521	2.455	1.704	0.640	3.038	1.416
6350	45.802	460.176	626.310	0.316	1.477	2.683	0.506	2.412	1.602	0.627	2.994	1.353
6351	38.462	448.040	715.216	0.331	1.540	2.701	0.516	2.451	1.660	0.634	3.019	1.403
6352	42.576	482.247	660.466	0.321	1.500	2.633	0.509	2.425	1.594	0.630	3.000	1.365
6353	44.273	480.363	657.229	0.317	1.486	2.637	0.506	2.417	1.582	0.627	2.990	1.353
6354	28.789	404.067	685.311	0.613	1.591	4.534	0.544	2.539	1.938	0.711	3.059	2.033
6355	28.895	482.039	634.023	0.581	1.587	4.291	0.606	2.495	2.373	0.712	3.051	2.006
6356	33.086	461.188	608.754	0.353	1.604	2.900	0.530	2.487	1.836	0.645	3.052	1.530
6357	34.586	498.929	630.751	0.340	1.580	2.756	0.521	2.475	1.717	0.640	3.041	1.463
6358	26.631	505.326	667.836	0.931	1.594	5.197	0.671	2.509	2.633	0.757	3.056	2.212
6359	35.846	455.617	726.806	0.346	1.560	2.806	0.525	2.463	1.745	0.639	3.036	1.431
6360	43.133	454.352	668.791	0.321	1.499	2.646	0.508	2.422	1.603	0.630	2.999	1.373
6361	49.374	499.977	583.210	0.313	1.441	2.762	0.501	2.395	1.572	0.622	2.974	1.335
6362	29.381	449.375	646.303	0.367	1.655	2.972	0.614	2.486	2.440	0.652	3.080	1.586
6363	35.028	443.193	678.585	0.343	1.577	2.787	0.524	2.479	1.738	0.641	3.040	1.468
6364	27.306	441.168	659.842	0.936	1.585	5.398	0.625	2.505	2.532	0.744	3.062	2.188
6365	61.787	462.571	626.263	0.291	1.359	2.639	0.489	2.340	1.480	0.611	2.934	1.230
6366	26.737	487.434	617.868	0.756	1.601	4.935	0.669	2.491	2.736	0.837	3.060	2.490
6367	42.499	478.105	722.439	0.323	1.491	2.697	0.511	2.428	1.607	0.627	2.998	1.339
6368	45.425	506.173	711.771	0.314	1.473	2.533	0.504	2.407	1.524	0.627	2.999	1.289
6369	32.101	490.503	673.034	0.353	1.608	2.773	0.531	2.485	1.799	0.647	3.055	1.501
6370	33.808	466.604	628.783	0.347	1.596	2.797	0.526	2.481	1.772	0.644	3.046	1.506
6371	24.271	493.695	682.502	0.954	1.625	5.461	0.900	2.518	3.351	0.878	3.091	2.577
6372	33.369	484.341	657.388	0.357	1.584	2.923	0.533	2.478	1.835	0.644	3.047	1.492
6373	31.672	446.293	650.301	0.447	1.571	3.692	0.531	2.499	1.819	0.649	3.061	1.550
6374	31.355	439.105	658.420	0.389	1.600	3.286	0.533	2.509	1.837	0.650	3.067	1.558
6375	30.677	494.765	587.564	0.358	1.638	2.865	0.533	2.505	1.849	0.650	3.066	1.569
6376	33.419	511.506	635.585	0.344	1.589	2.775	0.524	2.480	1.743	0.644	3.064	1.442
6377	36.128	502.174	634.348	0.336	1.561	2.714	0.519	2.462	1.690	0.638	3.031	1.436
6378	41.320	492.257	684.246	0.322	1.507	2.623	0.509	2.431	1.588	0.629	3.001	1.359
6379	32.552	475.190	649.958	0.350	1.611	2.769	0.528	2.496	1.757	0.647	3.054	1.514
6380	25.395	443.205	674.161	1.365	1.609	6.242	0.889	2.515	3.336	2.632	3.040	5.815

6381	38.023	470.352	631.763	0.339	1.538	2.840	0.520	2.445	1.749	0.636	3.023	1.429
6382	46.087	476.364	699.080	0.312	1.468	2.593	0.503	2.404	1.554	0.625	2.992	1.309
6383	33.689	473.079	675.555	0.347	1.588	2.769	0.526	2.477	1.751	0.645	3.058	1.456
6384	36.616	460.854	637.850	0.337	1.563	2.740	0.519	2.460	1.712	0.639	3.031	1.457
6385	26.344	497.453	658.697	0.621	1.619	4.428	0.655	2.504	2.619	0.755	3.066	2.199
6386	39.783	466.493	675.272	0.333	1.519	2.769	0.517	2.440	1.686	0.634	3.021	1.379
6387	41.361	487.924	656.005	0.323	1.510	2.646	0.510	2.432	1.608	0.631	3.005	1.371
6388	33.818	496.450	658.381	0.343	1.589	2.717	0.523	2.480	1.713	0.642	3.045	1.467
6389	36.269	492.981	638.803	0.337	1.561	2.715	0.518	2.459	1.693	0.639	3.033	1.438
6390	35.673	466.680	611.783	0.340	1.575	2.774	0.521	2.470	1.730	0.640	3.033	1.482
6391	26.892	449.655	713.001	0.935	1.591	5.292	0.667	2.514	2.636	0.756	3.069	2.196
6392	35.843	444.570	621.189	0.347	1.569	2.880	0.525	2.461	1.810	0.642	3.045	1.473
6393	33.613	441.462	622.510	0.345	1.606	2.802	0.525	2.488	1.777	0.643	3.045	1.528
6394	34.339	496.706	686.530	0.339	1.580	2.688	0.520	2.473	1.689	0.640	3.042	1.436
6395	33.636	429.670	620.982	0.351	1.607	2.849	0.529	2.490	1.807	0.648	3.057	1.537
6396	51.548	466.636	638.428	0.304	1.434	2.657	0.499	2.383	1.571	0.620	2.971	1.304
6397	33.866	452.768	647.899	0.353	1.585	2.920	0.530	2.473	1.845	0.642	3.044	1.491
6398	35.297	516.677	701.989	0.337	1.565	2.655	0.518	2.465	1.647	0.639	3.039	1.400
6399	34.876	459.387	613.931	0.346	1.586	2.799	0.524	2.475	1.756	0.645	3.053	1.491
6400	37.219	512.379	685.638	0.331	1.544	2.651	0.514	2.452	1.630	0.634	3.024	1.384
6401	50.509	499.029	699.658	0.318	1.425	2.719	0.500	2.391	1.481	0.620	2.967	1.274
6402	37.852	453.545	677.807	0.340	1.539	2.803	0.522	2.449	1.738	0.637	3.029	1.406
6403	39.263	500.206	686.969	0.327	1.526	2.622	0.512	2.441	1.603	0.633	3.017	1.371
6404	44.571	466.202	663.350	0.317	1.485	2.631	0.506	2.416	1.582	0.627	2.989	1.355
6405	33.923	477.589	647.126	0.345	1.590	2.764	0.524	2.476	1.747	0.642	3.044	1.481
6406	36.530	490.259	674.639	0.335	1.556	2.687	0.517	2.458	1.664	0.636	3.025	1.422
6407	33.013	413.586	617.132	0.353	1.620	2.871	0.529	2.496	1.829	0.648	3.055	1.570
6408	40.046	393.115	672.635	0.329	1.534	2.784	0.514	2.443	1.713	0.634	3.016	1.442
6409	54.149	445.719	657.878	0.302	1.418	2.675	0.497	2.372	1.569	0.619	2.962	1.294
6410	31.611	485.538	616.714	0.367	1.607	3.034	0.542	2.500	1.912	0.651	3.057	1.580
6411	31.391	482.757	660.129	0.425	1.572	3.520	0.606	2.468	2.324	0.646	3.058	1.516
6412	34.769	499.333	614.636	0.343	1.577	2.786	0.523	2.472	1.740	0.641	3.040	1.469
6413	34.396	456.691	670.532	0.342	1.586	2.742	0.522	2.475	1.726	0.641	3.043	1.471
6414	26.171	457.173	603.276	1.148	1.601	5.906	0.708	2.507	2.904	0.771	3.064	2.347
6415	41.553	459.160	668.236	0.325	1.505	2.752	0.514	2.441	1.655	0.631	3.017	1.360
6416	31.383	462.664	656.786	0.379	1.603	3.141	0.531	2.509	1.776	0.649	3.063	1.540
6417	45.718	458.574	660.739	0.316	1.476	2.690	0.506	2.413	1.599	0.626	2.990	1.351
6418	23.934	449.522	633.048	2.046	1.611	7.658	0.928	2.514	3.590	0.960	3.075	2.964
6419	28.956	480.053	642.778	0.497	1.597	3.940	0.547	2.509	1.993	0.657	3.081	1.611
6420	36.307	485.625	713.486	0.338	1.552	2.721	0.519	2.456	1.681	0.636	3.026	1.407
6421	60.780	424.802	624.590	0.299	1.375	2.807	0.495	2.353	1.595	0.616	2.943	1.309
6422	29.191	497.490	638.580	0.488	1.592	3.881	0.667	2.485	2.583	0.716	3.048	2.003
6423	44.104	484.278	660.706	0.320	1.483	2.690	0.509	2.425	1.594	0.627	2.994	1.349
6424	37.879	448.576	689.644	0.333	1.546	2.706	0.516	2.453	1.665	0.635	3.020	1.422

6425	35.289	466.806	637.110	0.341	1.577	2.747	0.521	2.469	1.715	0.641	3.037	1.475
6426	35.632	479.845	706.655	0.336	1.566	2.669	0.518	2.465	1.661	0.637	3.030	1.425
6427	47.526	484.184	622.796	0.313	1.462	2.643	0.503	2.399	1.578	0.624	2.978	1.340
6428	32.387	467.136	646.758	0.352	1.609	2.847	0.529	2.489	1.810	0.662	3.058	1.644
6429	37.524	447.334	647.590	0.335	1.554	2.749	0.517	2.454	1.710	0.638	3.036	1.429
6430	36.652	444.630	597.799	0.337	1.572	2.778	0.520	2.468	1.736	0.639	3.031	1.491
6431	49.491	471.860	657.178	0.307	1.445	2.648	0.500	2.388	1.574	0.622	2.980	1.304
6432	26.290	503.996	678.841	0.607	1.622	4.354	0.687	2.507	2.704	0.841	3.052	2.487
6433	42.492	489.721	646.244	0.327	1.493	2.758	0.513	2.429	1.644	0.630	3.006	1.354
6434	32.404	479.579	678.381	0.348	1.608	2.738	0.527	2.488	1.752	0.645	3.054	1.491
6435	39.033	504.542	624.459	0.330	1.531	2.689	0.514	2.444	1.650	0.634	3.019	1.400
6436	38.464	467.069	670.756	0.330	1.538	2.694	0.514	2.450	1.644	0.634	3.016	1.409
6437	31.858	436.286	698.676	0.354	1.626	2.787	0.530	2.503	1.774	0.648	3.057	1.536
6438	27.216	531.497	686.026	0.568	1.607	4.107	0.631	2.489	2.463	0.740	3.057	2.086
6439	56.314	465.284	736.294	0.302	1.399	2.614	0.495	2.362	1.503	0.618	2.959	1.243
6440	41.487	477.161	699.722	0.343	1.489	2.899	0.521	2.421	1.737	0.632	2.999	1.398
6441	36.968	474.776	618.339	0.337	1.559	2.735	0.518	2.458	1.698	0.640	3.038	1.442
6442	40.209	433.474	632.573	0.328	1.530	2.746	0.513	2.441	1.681	0.635	3.026	1.412
6443	23.143	414.489	673.706	2.654	1.619	8.590	1.453	2.527	4.550	1.218	3.067	3.599
6444	33.820	499.469	658.063	0.445	1.539	3.599	0.530	2.471	1.812	0.642	3.046	1.469
6445	28.706	478.613	676.808	0.513	1.601	3.975	0.597	2.494	2.318	0.707	3.073	1.925
6446	32.113	471.239	616.477	0.356	1.614	2.882	0.532	2.492	1.845	0.647	3.057	1.539
6447	22.914	501.287	624.917	1.506	1.654	6.469	0.935	2.528	3.578	1.123	3.070	3.320
6448	45.092	384.008	634.485	0.326	1.481	2.943	0.513	2.412	1.775	0.629	2.996	1.423
6449	35.083	443.736	675.830	0.339	1.580	2.747	0.521	2.475	1.719	0.639	3.036	1.466
6450	42.322	483.293	616.806	0.322	1.505	2.681	0.510	2.433	1.617	0.630	3.004	1.381
6451	34.617	500.816	645.308	0.339	1.579	2.716	0.520	2.472	1.699	0.642	3.053	1.432
6452	33.945	470.047	688.775	0.344	1.587	2.732	0.524	2.480	1.716	0.642	3.044	1.467
6453	38.026	449.290	651.542	0.334	1.548	2.730	0.516	2.451	1.687	0.637	3.024	1.439
6454	35.598	511.888	627.437	0.337	1.568	2.706	0.519	2.468	1.675	0.639	3.037	1.438
6455	36.282	469.592	700.967	0.336	1.559	2.690	0.518	2.461	1.666	0.637	3.028	1.425
6456	35.329	488.131	614.049	0.341	1.578	2.733	0.521	2.471	1.715	0.641	3.034	1.476
6457	32.174	455.227	711.648	0.418	1.565	3.465	0.528	2.499	1.748	0.646	3.058	1.498
6458	34.782	497.414	691.344	0.341	1.574	2.688	0.521	2.470	1.679	0.640	3.036	1.437
6459	41.871	493.012	585.992	0.325	1.512	2.713	0.511	2.433	1.646	0.633	3.012	1.395
6460	38.364	417.596	681.027	0.331	1.547	2.751	0.515	2.452	1.697	0.636	3.031	1.423
6461	42.120	513.137	604.501	0.323	1.501	2.700	0.508	2.425	1.615	0.629	3.002	1.374
6462	37.419	423.462	675.766	0.335	1.556	2.760	0.518	2.459	1.706	0.637	3.028	1.450
6463	41.004	450.647	649.564	0.325	1.520	2.690	0.513	2.444	1.632	0.631	3.006	1.402
6464	30.422	458.368	666.469	0.507	1.579	3.970	0.533	2.519	1.800	0.707	3.057	1.935
6465	46.173	460.014	635.367	0.316	1.472	2.701	0.507	2.414	1.614	0.627	2.993	1.346
6466	21.866	462.453	658.263	3.315	1.659	9.062	0.994	2.530	3.871	0.000	0.000	0.000
6467	25.724	465.121	653.867	0.949	1.608	5.463	0.882	2.501	3.328	0.793	3.078	2.372
6468	38.551	470.456	640.355	0.336	1.533	2.814	0.518	2.442	1.731	0.636	3.028	1.404

6469	36.393	476.577	650.928	0.335	1.563	2.701	0.518	2.463	1.679	0.637	3.028	1.443
6470	40.464	459.818	645.446	0.326	1.523	2.695	0.513	2.447	1.631	0.633	3.017	1.396
6471	29.232	451.163	652.191	0.484	1.598	3.902	0.536	2.531	1.835	0.695	3.054	1.922
6472	38.065	493.192	628.647	0.333	1.540	2.742	0.516	2.447	1.692	0.635	3.025	1.410
6473	31.635	484.065	616.961	0.352	1.625	2.802	0.529	2.501	1.788	0.647	3.057	1.539
6474	38.856	488.055	636.112	0.329	1.535	2.687	0.514	2.447	1.650	0.633	3.014	1.412
6475	32.989	476.554	677.519	0.346	1.602	2.730	0.524	2.486	1.725	0.643	3.046	1.487
6476	32.562	468.089	653.546	0.504	1.549	3.914	0.528	2.490	1.774	0.646	3.053	1.513
6477	34.870	433.030	586.092	0.346	1.595	2.863	0.525	2.478	1.813	0.644	3.046	1.530
6478	35.501	475.364	681.031	0.335	1.569	2.705	0.518	2.468	1.685	0.637	3.034	1.433
6479	35.383	510.183	678.706	0.338	1.566	2.670	0.520	2.468	1.660	0.639	3.033	1.429
6480	33.578	414.617	646.692	0.350	1.609	2.824	0.528	2.489	1.800	0.647	3.054	1.536
6481	35.587	503.107	649.288	0.336	1.566	2.696	0.519	2.467	1.678	0.638	3.032	1.434
6482	41.313	542.450	646.129	0.322	1.505	2.612	0.509	2.429	1.575	0.630	3.005	1.348
6483	43.383	495.205	676.067	0.319	1.488	2.629	0.507	2.417	1.574	0.628	2.996	1.343
6484	57.361	468.041	636.816	0.300	1.397	2.667	0.495	2.362	1.539	0.616	2.949	1.279
6485	33.647	448.515	650.626	0.372	1.571	3.153	0.544	2.470	1.975	0.653	3.047	1.590
6486	34.583	451.743	703.269	0.342	1.586	2.730	0.600	2.446	2.269	0.642	3.044	1.463
6487	32.195	512.669	645.988	0.349	1.607	2.741	0.527	2.494	1.732	0.646	3.052	1.499
6488	34.048	457.136	642.013	0.346	1.593	2.794	0.525	2.479	1.766	0.642	3.041	1.499
6489	34.247	468.013	654.294	0.343	1.588	2.757	0.523	2.479	1.734	0.642	3.042	1.484
6490	38.606	482.686	649.383	0.330	1.537	2.694	0.514	2.447	1.650	0.634	3.019	1.409
6491	31.294	464.937	697.965	0.356	1.626	2.796	0.531	2.510	1.758	0.650	3.073	1.501
6492	55.952	495.053	681.182	0.299	1.401	2.560	0.494	2.367	1.472	0.618	2.962	1.237
6493	31.982	477.194	645.741	0.379	1.589	3.148	0.549	2.482	1.991	0.656	3.064	1.582
6494	37.436	459.997	713.622	0.334	1.549	2.696	0.517	2.454	1.664	0.637	3.029	1.408
6495	38.875	487.991	679.482	0.329	1.533	2.637	0.514	2.447	1.617	0.635	3.020	1.387
6496	46.077	478.438	681.995	0.313	1.469	2.595	0.504	2.404	1.555	0.626	2.991	1.317
6497	32.103	462.556	597.210	0.357	1.619	2.905	0.532	2.494	1.859	0.648	3.058	1.559
6498	32.476	486.190	647.711	0.347	1.608	2.778	0.526	2.490	1.767	0.646	3.065	1.483
6499	46.556	477.621	736.461	0.312	1.463	2.575	0.503	2.401	1.538	0.623	2.981	1.301
6500	33.882	499.394	655.049	0.349	1.584	2.782	0.526	2.476	1.748	0.644	3.052	1.455
6501	40.497	471.457	686.380	0.381	1.480	3.258	0.511	2.434	1.616	0.632	3.013	1.373
6502	28.281	443.893	647.775	0.619	1.597	4.520	0.652	2.497	2.624	0.724	3.059	2.086
6503	21.337	469.767	633.553	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6504	40.085	450.174	708.130	0.337	1.510	2.862	0.520	2.437	1.735	0.633	3.008	1.410
6505	44.153	478.057	641.228	0.318	1.489	2.632	0.508	2.421	1.587	0.629	3.000	1.347
6506	27.877	454.678	699.617	0.574	1.607	4.244	0.637	2.502	2.509	0.738	3.058	2.117
6507	34.153	488.708	692.839	0.347	1.578	2.772	0.525	2.472	1.733	0.641	3.042	1.445
6508	30.929	453.604	682.866	0.446	1.582	3.641	0.534	2.508	1.813	0.651	3.067	1.550
6509	38.728	493.761	684.492	0.331	1.531	2.675	0.514	2.443	1.640	0.635	3.022	1.382
6510	24.151	445.889	668.606	1.696	1.609	7.074	0.937	2.512	3.568	0.784	3.085	2.419
6511	31.092	499.725	630.420	0.364	1.615	2.957	0.539	2.494	1.899	0.649	3.063	1.537
6512	49.847	468.687	665.183	0.308	1.443	2.639	0.501	2.392	1.556	0.621	2.972	1.306

6513	24.454	480.828	640.208	1.012	1.624	5.672	0.758	2.526	3.046	0.939	3.077	2.812
6514	45.004	469.504	650.053	0.321	1.474	2.761	0.509	2.408	1.659	0.625	2.988	1.349
6515	38.563	479.446	691.499	0.329	1.536	2.662	0.514	2.446	1.636	0.635	3.030	1.376
6516	36.890	466.349	654.647	0.336	1.559	2.710	0.518	2.459	1.680	0.638	3.026	1.445
6517	31.400	437.765	601.061	0.357	1.641	2.880	0.533	2.512	1.854	0.650	3.061	1.599
6518	35.552	488.370	648.726	0.337	1.568	2.742	0.519	2.467	1.705	0.638	3.036	1.443
6519	40.396	478.018	704.413	0.325	1.516	2.639	0.511	2.435	1.601	0.631	3.009	1.370
6520	45.461	495.178	615.105	0.316	1.478	2.635	0.505	2.411	1.581	0.627	2.989	1.351
6521	37.890	422.825	621.213	0.336	1.555	2.807	0.519	2.461	1.734	0.637	3.027	1.466
6522	40.762	485.534	627.749	0.323	1.519	2.684	0.511	2.437	1.641	0.632	3.018	1.380
6523	37.201	520.533	670.196	0.330	1.545	2.644	0.516	2.459	1.618	0.634	3.020	1.396
6524	29.069	501.459	633.117	0.570	1.584	4.203	0.552	2.504	2.020	0.656	3.087	1.565
6525	37.882	477.793	671.818	0.334	1.540	2.733	0.517	2.449	1.689	0.635	3.022	1.411
6526	39.975	509.632	691.589	0.325	1.518	2.606	0.511	2.437	1.582	0.631	3.007	1.363
6527	30.130	484.455	697.458	0.470	1.584	3.708	0.535	2.519	1.778	0.653	3.075	1.536
6528	37.175	440.063	699.129	0.339	1.555	2.764	0.521	2.458	1.712	0.638	3.028	1.438
6529	27.171	471.298	614.458	0.660	1.605	4.688	0.638	2.502	2.598	0.749	3.055	2.226
6530	25.378	482.126	625.441	0.948	1.612	5.470	0.695	2.504	2.865	0.912	3.071	2.713
6531	37.105	435.264	643.289	0.342	1.554	2.875	0.522	2.454	1.789	0.637	3.027	1.457
6532	37.263	468.991	700.313	0.332	1.549	2.668	0.515	2.454	1.648	0.636	3.025	1.406
6533	34.250	478.793	624.377	0.343	1.589	2.782	0.524	2.487	1.733	0.643	3.050	1.476
6534	37.208	468.299	655.080	0.334	1.553	2.724	0.517	2.457	1.681	0.637	3.029	1.431
6535	28.876	458.500	645.052	0.524	1.597	4.097	0.539	2.535	1.860	0.706	3.058	1.973
6536	34.175	522.436	656.112	0.343	1.576	2.749	0.523	2.473	1.717	0.640	3.042	1.437
6537	37.905	464.430	675.316	0.333	1.545	2.701	0.516	2.451	1.666	0.636	3.023	1.419
6538	44.951	466.553	674.295	0.315	1.481	2.620	0.508	2.424	1.568	0.626	2.989	1.344
6539	28.376	478.722	695.043	0.879	1.570	5.049	0.592	2.500	2.282	0.713	3.060	1.978
6540	32.505	484.143	697.704	0.353	1.600	2.794	0.530	2.481	1.792	0.644	3.048	1.485
6541	32.789	448.150	672.338	0.354	1.611	2.817	0.530	2.494	1.788	0.648	3.058	1.518
6542	35.498	462.896	636.423	0.340	1.575	2.755	0.522	2.470	1.728	0.640	3.033	1.474
6543	28.370	471.923	661.647	0.693	1.587	4.645	0.632	2.490	2.515	0.727	3.053	2.081
6544	35.490	401.269	622.114	0.348	1.582	2.926	0.526	2.474	1.831	0.642	3.038	1.527
6545	33.803	512.444	696.699	0.339	1.584	2.667	0.532	2.481	1.787	0.641	3.044	1.440
6546	37.024	463.640	671.755	0.338	1.554	2.721	0.518	2.456	1.682	0.638	3.028	1.436
6547	25.362	481.715	665.136	0.944	1.611	5.403	0.721	2.510	2.904	0.865	3.076	2.556
6548	28.458	472.340	644.392	0.516	1.602	4.045	0.683	2.474	2.730	0.707	3.058	1.981
6549	31.784	519.669	667.165	0.352	1.605	2.791	0.529	2.489	1.769	0.644	3.053	1.477
6550	38.637	504.667	683.934	0.331	1.529	2.666	0.514	2.443	1.628	0.634	3.017	1.378
6551	36.594	459.408	660.271	0.338	1.563	2.718	0.519	2.463	1.689	0.638	3.027	1.451
6552	49.456	476.285	620.663	0.308	1.448	2.651	0.500	2.390	1.573	0.622	2.976	1.318
6553	32.172	487.613	604.945	0.354	1.612	2.876	0.532	2.494	1.841	0.644	3.054	1.519
6554	31.644	529.292	691.214	0.348	1.609	2.709	0.529	2.510	1.693	0.643	3.053	1.463
6555	37.408	506.123	669.529	0.335	1.543	2.693	0.518	2.451	1.659	0.637	3.030	1.398
6556	37.584	480.267	666.424	0.333	1.546	2.683	0.516	2.452	1.653	0.636	3.023	1.419

6557	25.681	432.134	662.834	1.176	1.608	5.966	0.713	2.516	2.922	0.832	3.066	2.554
6558	39.919	452.612	658.875	0.332	1.522	2.795	0.517	2.442	1.704	0.633	3.015	1.403
6559	37.109	455.333	641.391	0.334	1.559	2.711	0.517	2.457	1.690	0.639	3.040	1.431
6560	43.674	498.140	617.509	0.320	1.489	2.707	0.507	2.419	1.608	0.629	3.002	1.351
6561	33.066	449.770	650.722	0.348	1.608	2.798	0.527	2.491	1.780	0.646	3.060	1.497
6562	31.184	464.165	628.928	0.380	1.603	3.192	0.531	2.506	1.819	0.648	3.060	1.555
6563	33.223	465.509	620.355	0.349	1.604	2.833	0.527	2.484	1.806	0.644	3.051	1.519
6564	30.255	491.421	631.264	0.387	1.607	3.235	0.532	2.509	1.821	0.649	3.065	1.556
6565	30.861	457.328	671.352	0.457	1.581	3.717	0.535	2.505	1.849	0.649	3.065	1.547
6566	34.162	480.619	667.431	0.344	1.583	2.763	0.524	2.478	1.729	0.642	3.043	1.466
6567	26.954	472.231	674.464	0.954	1.588	5.337	0.634	2.512	2.515	0.761	3.058	2.235
6568	30.067	485.322	589.612	0.369	1.637	3.022	0.543	2.518	1.930	0.652	3.072	1.588
6569	37.066	452.158	688.840	0.335	1.552	2.743	0.518	2.457	1.700	0.635	3.026	1.424
6570	34.521	483.193	719.089	0.435	1.533	3.493	0.522	2.477	1.668	0.641	3.038	1.440
6571	31.893	438.225	629.714	0.357	1.627	2.870	0.533	2.505	1.826	0.650	3.056	1.577
6572	38.240	465.447	672.426	0.330	1.540	2.705	0.515	2.451	1.661	0.634	3.021	1.409
6573	26.352	491.128	735.426	0.992	1.593	5.276	0.651	2.518	2.521	0.797	3.059	2.322
6574	25.809	457.273	649.548	0.700	1.622	4.853	0.667	2.518	2.726	0.811	3.068	2.461
6575	33.490	460.776	699.497	0.352	1.591	2.844	0.530	2.478	1.810	0.644	3.056	1.464
6576	27.536	504.709	679.246	0.742	1.592	4.685	0.636	2.507	2.467	0.728	3.065	2.044
6577	31.675	463.249	690.135	0.362	1.615	2.893	0.536	2.492	1.853	0.648	3.061	1.519
6578	33.295	483.468	655.335	0.348	1.596	2.778	0.526	2.481	1.754	0.644	3.047	1.492
6579	28.574	465.435	641.439	0.577	1.593	4.305	0.541	2.538	1.878	0.657	3.083	1.623
6580	35.086	443.316	633.635	0.344	1.581	2.837	0.525	2.472	1.789	0.642	3.047	1.477
6581	43.283	446.354	664.291	0.319	1.497	2.687	0.508	2.424	1.621	0.629	3.003	1.367
6582	39.487	452.508	663.045	0.328	1.532	2.694	0.513	2.443	1.651	0.633	3.012	1.413
6583	37.391	488.179	671.054	0.340	1.537	2.813	0.515	2.453	1.644	0.636	3.024	1.409
6584	40.628	432.025	676.428	0.327	1.522	2.702	0.512	2.437	1.644	0.632	3.007	1.408
6585	49.324	472.198	676.837	0.308	1.447	2.608	0.501	2.391	1.550	0.622	2.974	1.303
6586	53.601	485.641	672.085	0.306	1.412	2.659	0.497	2.374	1.513	0.619	2.967	1.256
6587	24.913	504.319	629.757	0.923	1.620	5.359	0.929	2.496	3.459	0.939	3.065	2.799
6588	35.641	455.469	701.544	0.347	1.562	2.859	0.526	2.461	1.781	0.638	3.033	1.441
6589	62.034	502.310	674.951	0.265	1.282	1.812	0.474	2.292	1.015	0.599559	2.895	0.858
6590	35.142	471.536	656.243	0.337	1.569	2.839	0.520	2.466	1.791	0.640	3.038	1.505
6591	39.339	446.038	641.613	0.330	1.536	2.732	0.514	2.446	1.673	0.634	3.016	1.427
6592	31.493	470.671	657.170	0.351	1.627	2.766	0.529	2.508	1.758	0.647	3.061	1.524
6593	30.438	480.607	668.138	0.465	1.579	3.734	0.534	2.508	1.818	0.651	3.072	1.532
6594	28.646	431.014	666.486	0.885	1.570	5.240	0.665	2.487	2.669	0.722	3.070	2.042
6595	38.262	471.187	655.699	0.333	1.539	2.740	0.517	2.449	1.688	0.635	3.021	1.418
6596	31.502	456.869	666.029	0.354	1.631	2.790	0.531	2.509	1.780	0.649	3.064	1.540
6597	39.040	489.495	637.039	0.330	1.532	2.708	0.515	2.444	1.662	0.635	3.021	1.399
6598	34.973	470.021	613.453	0.341	1.584	2.767	0.522	2.479	1.730	0.643	3.049	1.476
6599	37.031	483.703	605.317	0.334	1.557	2.744	0.517	2.458	1.706	0.637	3.028	1.451
6600	43.117	429.237	683.645	0.320	1.499	2.698	0.510	2.433	1.619	0.628	2.996	1.385

6601	39.171	482.857	640.765	0.329	1.532	2.686	0.514	2.446	1.640	0.635	3.021	1.399
6602	35.974	463.798	692.783	0.336	1.566	2.683	0.519	2.466	1.674	0.638	3.031	1.433
6603	45.734	445.573	662.316	0.316	1.479	2.659	0.505	2.410	1.597	0.628	2.997	1.348
6604	30.738	462.076	654.690	0.500	1.574	3.932	0.533	2.504	1.834	0.650	3.067	1.549
6605	37.632	431.973	665.359	0.336	1.551	2.780	0.518	2.452	1.722	0.636	3.022	1.451
6606	36.047	389.454	666.181	0.343	1.579	2.836	0.522	2.473	1.764	0.640	3.033	1.509
6607	33.653	474.005	673.731	0.343	1.593	2.722	0.523	2.483	1.708	0.644	3.058	1.455
6608	37.117	510.377	718.902	0.332	1.544	2.615	0.516	2.455	1.610	0.636	3.027	1.379
6609	32.899	470.350	692.388	0.350	1.601	2.743	0.527	2.485	1.736	0.645	3.045	1.502
6610	31.084	492.091	648.500	0.355	1.626	2.787	0.531	2.500	1.794	0.649	3.061	1.528
6611	25.550	443.224	659.025	0.971	1.611	5.578	0.682	2.526	2.788	0.776	3.067	2.367
6612	36.869	469.902	666.752	0.340	1.548	2.816	0.521	2.454	1.740	0.636	3.026	1.427
6613	31.118	518.893	630.576	0.352	1.622	2.757	0.530	2.504	1.752	0.648	3.061	1.519
6614	39.358	477.046	615.857	0.331	1.532	2.753	0.515	2.444	1.686	0.634	3.017	1.421
6615	36.875	501.329	664.717	0.331	1.553	2.661	0.516	2.456	1.655	0.635	3.023	1.414
6616	32.895	444.930	706.230	0.349	1.607	2.763	0.528	2.494	1.746	0.645	3.050	1.503
6617	44.373	467.480	615.332	0.320	1.489	2.699	0.509	2.426	1.604	0.629	3.001	1.368
6618	37.255	471.205	660.084	0.332	1.553	2.702	0.516	2.457	1.674	0.636	3.027	1.422
6619	42.880	448.024	663.807	0.321	1.502	2.668	0.510	2.433	1.607	0.631	3.009	1.368
6620	30.911	523.532	605.214	0.353	1.628	2.776	0.530	2.507	1.769	0.648	3.059	1.531
6621	37.599	470.445	716.554	0.333	1.544	2.697	0.517	2.451	1.663	0.635	3.027	1.393
6622	47.835	480.107	739.297	0.310	1.455	2.523	0.503	2.403	1.508	0.623	2.976	1.290
6623	30.050	400.553	699.809	0.561	1.578	4.291	0.606	2.494	2.378	0.657	3.081	1.611
6624	42.532	456.048	630.513	0.323	1.504	2.722	0.512	2.439	1.629	0.631	3.009	1.381
6625	42.890	518.804	674.899	0.317	1.491	2.602	0.507	2.421	1.563	0.627	2.998	1.324
6626	50.251	445.990	639.240	0.309	1.446	2.669	0.502	2.398	1.562	0.623	2.973	1.333
6627	29.257	466.299	657.711	0.369	1.652	2.960	0.542	2.520	1.916	0.718	3.054	2.017
6628	36.765	443.473	705.777	0.339	1.557	2.767	0.520	2.461	1.712	0.637	3.029	1.435
6629	31.379	468.858	694.224	0.354	1.626	2.754	0.531	2.507	1.758	0.649	3.062	1.522
6630	46.810	415.052	639.476	0.317	1.475	2.738	0.506	2.408	1.638	0.627	2.990	1.375
6631	41.091	488.460	714.206	0.322	1.507	2.643	0.509	2.428	1.598	0.630	3.007	1.346
6632	34.694	488.783	627.422	0.343	1.583	2.732	0.523	2.475	1.723	0.643	3.040	1.480
6633	36.583	451.483	709.086	0.335	1.561	2.700	0.518	2.463	1.679	0.638	3.032	1.428
6634	31.146	476.682	684.872	0.484	1.566	3.798	0.531	2.507	1.761	0.649	3.058	1.530
6635	30.559	482.317	679.979	0.361	1.633	2.846	0.537	2.520	1.798	0.650	3.069	1.532
6636	44.836	441.414	649.923	0.320	1.484	2.730	0.509	2.422	1.623	0.629	3.001	1.363
6637	23.290	473.148	588.053	1.424	1.635	6.672	0.961	2.522	3.704	1.222	3.082	3.511
6638	38.443	439.519	639.947	0.339	1.535	2.902	0.522	2.447	1.793	0.635	3.022	1.441
6639	35.877	474.841	587.782	0.338	1.577	2.774	0.520	2.470	1.733	0.641	3.045	1.475
6640	39.675	506.868	621.799	0.325	1.526	2.681	0.513	2.449	1.631	0.632	3.016	1.387
6641	29.059	521.018	656.328	0.469	1.592	3.733	0.534	2.520	1.792	0.671	3.059	1.727
6642	40.809	449.328	664.982	0.329	1.516	2.745	0.514	2.434	1.674	0.633	3.013	1.391
6643	28.286	484.360	657.215	0.631	1.591	4.417	0.608	2.497	2.381	0.700	3.062	1.926
6644	38.255	467.854	601.355	0.336	1.544	2.811	0.519	2.452	1.737	0.636	3.023	1.445

6645	29.793	457.607	690.845	0.503	1.587	3.933	0.535	2.531	1.788	0.684	3.058	1.823
6646	39.029	497.651	647.953	0.331	1.528	2.713	0.515	2.444	1.659	0.633	3.012	1.401
6647	33.912	494.793	692.411	0.343	1.584	2.706	0.522	2.477	1.688	0.641	3.043	1.448
6648	30.660	489.473	683.877	0.358	1.629	2.785	0.534	2.508	1.785	0.652	3.079	1.506
6649	41.249	458.091	661.604	0.327	1.512	2.713	0.512	2.433	1.642	0.632	3.012	1.383
6650	31.282	484.001	662.411	0.351	1.626	2.745	0.529	2.507	1.752	0.647	3.059	1.519
6651	35.743	450.552	710.695	0.341	1.568	2.746	0.522	2.468	1.710	0.639	3.033	1.446
6652	33.626	470.032	606.464	0.348	1.602	2.794	0.526	2.486	1.768	0.645	3.047	1.523
6653	42.588	509.512	670.574	0.318	1.494	2.625	0.507	2.420	1.582	0.628	2.999	1.341
6654	25.864	455.006	629.016	0.949	1.607	5.552	0.794	2.505	3.152	0.751	3.086	2.233
6655	24.674	479.893	715.297	0.982	1.621	5.455	0.888	2.512	3.301	0.890	3.070	2.646
6656	49.696	455.672	678.773	0.315	1.440	2.727	0.504	2.389	1.600	0.623	2.975	1.313
6657	42.902	464.175	660.331	0.324	1.494	2.724	0.510	2.419	1.649	0.629	3.000	1.362
6658	36.121	480.037	603.908	0.338	1.570	2.753	0.520	2.466	1.718	0.639	3.033	1.468
6659	37.532	467.989	655.740	0.332	1.550	2.708	0.515	2.453	1.676	0.635	3.022	1.426
6660	30.910	463.715	644.205	0.357	1.639	2.818	0.533	2.515	1.802	0.651	3.068	1.557
6661	31.370	471.261	667.116	0.354	1.622	2.818	0.531	2.501	1.801	0.648	3.065	1.517
6662	36.881	511.124	661.459	0.335	1.548	2.693	0.519	2.465	1.645	0.636	3.022	1.413
6663	23.969	470.948	726.049	1.188	1.625	5.915	0.919	2.529	3.363	0.907	3.089	2.673
6664	31.632	529.532	623.009	0.368	1.598	2.983	0.540	2.490	1.876	0.649	3.051	1.532
6665	40.216	463.971	685.226	0.403	1.480	3.398	0.514	2.446	1.631	0.632	3.010	1.386
6666	41.156	516.231	673.594	0.323	1.507	2.614	0.511	2.442	1.561	0.630	3.004	1.357
6667	29.465	480.626	631.462	0.487	1.590	3.903	0.537	2.521	1.852	0.654	3.074	1.592
6668	40.801	500.902	633.892	0.325	1.512	2.704	0.512	2.433	1.645	0.631	3.009	1.377
6669	31.987	488.989	675.783	0.349	1.611	2.748	0.527	2.493	1.742	0.646	3.055	1.495
6670	27.005	510.985	644.716	0.946	1.588	5.203	0.691	2.495	2.717	0.741	3.057	2.135
6671	39.082	447.319	694.053	0.334	1.527	2.776	0.517	2.442	1.701	0.634	3.018	1.402
6672	33.185	481.686	674.507	0.346	1.599	2.714	0.525	2.487	1.716	0.643	3.044	1.487
6673	29.946	462.588	703.872	0.375	1.631	3.016	0.581	2.487	2.207	0.652	3.070	1.554
6674	28.159	490.436	664.656	0.672	1.590	4.520	0.585	2.497	2.263	0.708	3.062	1.957
6675	40.127	472.283	691.112	0.329	1.516	2.710	0.513	2.433	1.652	0.633	3.015	1.373
6676	40.923	448.897	678.260	0.326	1.518	2.674	0.512	2.438	1.622	0.632	3.008	1.393
6677	44.608	517.057	652.081	0.314	1.479	2.583	0.505	2.412	1.554	0.627	2.995	1.320
6678	39.614	475.367	669.597	0.329	1.524	2.696	0.515	2.449	1.628	0.634	3.020	1.380
6679	38.039	429.896	641.324	0.334	1.554	2.744	0.517	2.458	1.699	0.637	3.024	1.455
6680	31.069	486.239	643.183	0.352	1.630	2.776	0.530	2.508	1.775	0.648	3.063	1.528
6681	47.177	510.590	680.232	0.311	1.458	2.590	0.503	2.401	1.534	0.625	2.990	1.285
6682	33.240	467.106	706.618	0.352	1.594	2.796	0.529	2.480	1.771	0.645	3.057	1.464
6683	42.370	494.720	651.043	0.322	1.500	2.651	0.509	2.426	1.599	0.630	3.001	1.365
6684	30.457	493.752	612.166	0.359	1.639	2.849	0.533	2.510	1.828	0.650	3.068	1.560
6685	32.838	514.949	645.260	0.347	1.596	2.772	0.526	2.485	1.748	0.644	3.062	1.450
6686	27.485	433.677	659.853	0.954	1.583	5.448	0.646	2.504	2.626	0.751	3.065	2.213
6687	38.022	471.201	680.087	0.335	1.539	2.750	0.517	2.450	1.684	0.634	3.019	1.408
6688	36.694	473.870	683.898	0.335	1.556	2.673	0.517	2.459	1.657	0.637	3.026	1.425

6689	41.236	452.831	599.635	0.326	1.521	2.736	0.512	2.438	1.666	0.632	3.006	1.426
6690	35.414	451.611	665.588	0.337	1.577	2.725	0.519	2.469	1.710	0.639	3.034	1.462
6691	34.104	470.438	648.020	0.343	1.592	2.744	0.523	2.479	1.731	0.642	3.040	1.492
6692	38.860	468.003	688.628	0.329	1.533	2.668	0.513	2.444	1.637	0.633	3.014	1.396
6693	29.830	438.244	626.250	0.485	1.592	3.967	0.538	2.526	1.879	0.703	3.051	1.978
6694	35.880	472.118	669.804	0.338	1.563	2.753	0.520	2.464	1.710	0.638	3.035	1.436
6695	27.512	480.897	656.047	0.649	1.604	4.530	0.664	2.506	2.621	0.730	3.063	2.094
6696	44.255	473.377	615.625	0.410	1.447	3.502	0.509	2.414	1.654	0.627	2.991	1.375
6697	42.409	461.552	681.248	0.320	1.501	2.659	0.509	2.429	1.600	0.630	3.007	1.353
6698	29.046	458.966	667.006	0.516	1.596	4.025	0.603	2.493	2.360	0.707	3.054	1.970
6699	42.597	491.115	646.959	0.322	1.496	2.692	0.510	2.428	1.617	0.629	3.003	1.361
6700	31.875	513.070	687.369	0.348	1.609	2.705	0.527	2.494	1.714	0.646	3.067	1.452
6701	28.675	471.665	608.183	0.495	1.602	4.010	0.543	2.526	1.940	0.679	3.077	1.810
6702	38.365	439.704	691.538	0.333	1.538	2.766	0.516	2.449	1.697	0.635	3.026	1.405
6703	38.883	456.950	613.049	0.331	1.544	2.730	0.516	2.452	1.683	0.636	3.020	1.443
6704	51.465	482.898	662.988	0.303	1.431	2.596	0.498	2.383	1.535	0.620	2.971	1.280
6705	33.405	497.027	671.797	0.353	1.583	2.862	0.530	2.475	1.798	0.641	3.044	1.457
6706	48.412	488.880	704.187	0.309	1.450	2.566	0.501	2.396	1.516	0.623	2.982	1.281
6707	47.544	436.996	611.031	0.317	1.467	2.749	0.506	2.400	1.648	0.626	2.984	1.370
6708	33.609	479.033	619.711	0.344	1.595	2.797	0.525	2.484	1.768	0.641	3.044	1.491
6709	42.699	466.039	664.014	0.320	1.499	2.672	0.508	2.425	1.611	0.629	3.001	1.367
6710	36.431	484.052	654.431	0.335	1.560	2.697	0.518	2.459	1.679	0.638	3.032	1.433
6711	36.894	491.540	687.873	0.334	1.551	2.661	0.516	2.456	1.643	0.636	3.023	1.411
6712	41.505	442.103	644.161	0.326	1.516	2.704	0.512	2.435	1.642	0.632	3.007	1.407
6713	34.831	442.997	630.498	0.342	1.589	2.780	0.522	2.481	1.739	0.642	3.041	1.500
6714	27.356	486.025	652.518	0.609	1.608	4.377	0.693	2.496	2.728	0.763	3.055	2.231
6715	27.734	457.545	629.801	0.703	1.596	4.765	0.612	2.520	2.411	0.758	3.052	2.242
6716	29.326	441.095	731.803	0.512	1.592	3.968	0.603	2.487	2.346	0.696	3.053	1.902
6717	39.742	488.311	654.795	0.330	1.521	2.704	0.516	2.448	1.633	0.634	3.019	1.385
6718	50.945	481.915	667.910	0.305	1.437	2.580	0.499	2.387	1.524	0.622	2.978	1.280
6719	29.883	417.267	655.617	0.612	1.575	4.496	0.612	2.480	2.457	0.741	3.043	2.154
6720	33.717	461.393	674.854	0.346	1.593	2.782	0.525	2.479	1.757	0.643	3.046	1.484
6721	42.562	463.309	672.688	0.322	1.501	2.668	0.509	2.424	1.610	0.630	3.002	1.368
6722	34.725	475.659	604.716	0.343	1.587	2.775	0.523	2.476	1.747	0.642	3.040	1.497
6723	34.508	456.716	690.953	0.373	1.558	3.146	0.522	2.479	1.722	0.640	3.042	1.463
6724	34.206	477.760	663.358	0.343	1.585	2.735	0.523	2.478	1.716	0.642	3.043	1.474
6725	36.103	497.467	657.737	0.336	1.561	2.687	0.518	2.462	1.673	0.638	3.029	1.430
6726	31.972	456.140	731.423	0.351	1.616	2.749	0.629	2.463	2.392	0.646	3.055	1.503
6727	31.794	440.341	674.323	0.358	1.625	2.840	0.533	2.500	1.823	0.649	3.057	1.552
6728	31.062	498.665	637.756	0.355	1.624	2.817	0.531	2.503	1.792	0.649	3.065	1.525
6729	38.552	455.028	663.470	0.332	1.538	2.736	0.516	2.449	1.683	0.635	3.026	1.404
6730	36.922	470.183	708.050	0.334	1.556	2.651	0.517	2.459	1.647	0.637	3.028	1.413
6731	36.281	497.608	657.099	0.336	1.560	2.670	0.519	2.464	1.661	0.638	3.028	1.432
6732	32.997	537.874	666.090	0.344	1.592	2.678	0.523	2.481	1.690	0.643	3.050	1.449

6733	32.888	528.481	589.464	0.350	1.596	2.810	0.527	2.484	1.766	0.645	3.056	1.486
6734	29.215	482.545	686.158	0.487	1.596	3.832	0.578	2.512	2.151	0.691	3.059	1.859
6735	33.623	439.057	675.402	0.351	1.594	2.842	0.528	2.480	1.796	0.644	3.045	1.505
6736	29.683	455.275	643.568	0.535	1.573	4.196	0.538	2.528	1.850	0.653	3.075	1.593
6737	35.860	470.688	632.798	0.340	1.567	2.786	0.521	2.465	1.742	0.639	3.035	1.460
6738	32.787	452.597	666.123	0.348	1.610	2.778	0.527	2.495	1.757	0.647	3.065	1.493
6739	45.700	436.760	655.239	0.316	1.479	2.695	0.505	2.410	1.618	0.626	2.987	1.368
6740	49.536	469.654	700.912	0.307	1.444	2.605	0.500	2.390	1.535	0.621	2.975	1.292
6741	38.987	466.414	643.632	0.334	1.532	2.769	0.517	2.442	1.697	0.634	3.015	1.411
6742	43.923	486.059	670.327	0.317	1.488	2.618	0.509	2.431	1.561	0.627	2.994	1.342
6743	29.991	456.638	663.075	0.363	1.652	2.859	0.537	2.522	1.840	0.705	3.050	1.959
6744	40.189	471.692	666.079	0.327	1.520	2.698	0.515	2.447	1.636	0.632	3.010	1.391
6745	37.338	448.312	655.445	0.334	1.555	2.717	0.517	2.455	1.686	0.637	3.027	1.444
6746	36.866	459.070	688.426	0.334	1.557	2.678	0.517	2.461	1.662	0.637	3.029	1.424
6747	35.969	491.683	606.601	0.338	1.570	2.720	0.519	2.464	1.705	0.639	3.030	1.466
6748	36.234	535.114	712.576	0.332	1.553	2.609	0.516	2.460	1.615	0.635	3.027	1.379
6749	42.910	469.468	679.064	0.322	1.498	2.631	0.509	2.424	1.594	0.629	2.996	1.366
6750	35.018	411.054	639.505	0.345	1.592	2.814	0.524	2.477	1.782	0.643	3.041	1.522
6751	28.306	473.176	693.131	0.714	1.584	4.645	0.605	2.500	2.353	0.743	3.054	2.118
6752	42.209	500.753	645.854	0.325	1.498	2.700	0.511	2.424	1.626	0.630	3.001	1.365
6753	39.525	451.233	705.885	0.328	1.527	2.678	0.513	2.442	1.634	0.632	3.011	1.394
6754	46.324	476.964	679.891	0.315	1.467	2.627	0.504	2.407	1.551	0.626	2.991	1.317
6755	37.860	507.418	665.803	0.332	1.538	2.677	0.517	2.455	1.644	0.635	3.026	1.383
6756	44.137	446.329	661.292	0.319	1.491	2.672	0.508	2.420	1.607	0.628	2.995	1.371
6757	45.288	475.344	696.255	0.314	1.474	2.614	0.505	2.412	1.563	0.626	2.993	1.319
6758	28.719	474.764	641.844	0.495	1.601	3.952	0.587	2.497	2.284	0.721	3.059	2.036
6759	36.410	479.273	662.134	0.338	1.556	2.765	0.520	2.459	1.715	0.637	3.028	1.433
6760	34.269	486.881	630.742	0.343	1.587	2.750	0.523	2.478	1.721	0.642	3.039	1.482
6761	39.888	507.007	680.258	0.325	1.518	2.630	0.511	2.438	1.599	0.631	3.010	1.364
6762	31.145	443.583	641.895	0.358	1.638	2.846	0.533	2.507	1.836	0.651	3.064	1.577
6763	27.157	497.910	632.668	0.796	1.594	4.924	0.664	2.500	2.638	0.756	3.053	2.219
6764	31.218	479.707	662.704	0.360	1.617	2.901	0.535	2.493	1.860	0.647	3.059	1.518
6765	35.983	467.497	680.015	0.339	1.562	2.742	0.520	2.464	1.700	0.638	3.031	1.439
6766	30.887	460.040	651.463	0.357	1.635	2.828	0.533	2.511	1.806	0.651	3.065	1.561
6767	24.812	504.335	677.080	0.976	1.618	5.422	0.881	2.517	3.239	0.912	3.075	2.670
6768	32.338	453.090	654.883	0.363	1.602	2.979	0.537	2.483	1.898	0.648	3.058	1.532
6769	41.957	472.827	620.730	0.323	1.510	2.708	0.512	2.440	1.630	0.630	3.001	1.396
6770	33.442	496.952	660.450	0.343	1.593	2.723	0.523	2.480	1.721	0.644	3.060	1.451
6771	40.770	443.553	649.910	0.327	1.520	2.723	0.512	2.435	1.659	0.633	3.010	1.411
6772	35.216	482.297	668.592	0.338	1.574	2.697	0.520	2.472	1.680	0.639	3.033	1.449
6773	28.317	438.155	701.791	0.594	1.598	4.354	0.648	2.500	2.557	0.713	3.064	2.005
6774	31.576	483.071	671.028	0.356	1.612	2.840	0.533	2.495	1.808	0.647	3.058	1.511
6775	37.857	434.309	666.986	0.336	1.549	2.765	0.518	2.452	1.711	0.637	3.022	1.446
6776	23.053	481.948	716.194	1.214	1.661	5.873	1.132	2.532	3.857	1.093	3.089	3.132

6777	36.445	441.214	615.522	0.353	1.556	2.985	0.531	2.454	1.870	0.645	3.045	1.493
6778	38.394	453.497	650.014	0.330	1.544	2.721	0.515	2.451	1.678	0.635	3.023	1.426
6779	33.648	493.461	671.836	0.342	1.592	2.691	0.523	2.483	1.695	0.642	3.046	1.465
6780	31.367	495.547	682.262	0.354	1.616	2.779	0.530	2.499	1.757	0.647	3.056	1.506
6781	41.704	464.844	649.764	0.326	1.510	2.705	0.512	2.431	1.643	0.630	3.001	1.390
6782	36.091	480.705	665.540	0.336	1.564	2.693	0.518	2.463	1.671	0.638	3.034	1.434
6783	34.514	475.515	688.255	0.341	1.581	2.700	0.614	2.446	2.301	0.641	3.041	1.455
6784	38.012	468.076	681.257	0.332	1.544	2.676	0.516	2.451	1.650	0.635	3.018	1.416
6785	32.365	435.989	687.595	0.352	1.621	2.781	0.529	2.500	1.773	0.648	3.058	1.527
6786	32.846	453.556	673.295	0.371	1.583	3.090	0.528	2.493	1.760	0.645	3.049	1.511
6787	43.763	484.714	646.376	0.335	1.474	2.904	0.507	2.417	1.601	0.629	3.002	1.347
6788	32.978	445.277	671.117	0.372	1.582	3.116	0.527	2.490	1.769	0.647	3.064	1.492
6789	28.163	483.491	691.191	0.571	1.601	4.188	0.605	2.501	2.342	0.700	3.075	1.893
6790	30.759	468.770	634.509	0.363	1.629	2.932	0.539	2.510	1.877	0.651	3.066	1.568
6791	32.520	501.716	661.116	0.348	1.600	2.761	0.526	2.485	1.754	0.644	3.051	1.483
6792	40.014	473.861	653.923	0.328	1.524	2.690	0.513	2.440	1.648	0.632	3.008	1.401
6793	37.350	422.546	656.710	0.336	1.561	2.750	0.518	2.461	1.710	0.638	3.029	1.463
6794	31.047	436.064	696.507	0.380	1.610	3.147	0.532	2.514	1.789	0.650	3.067	1.546
6795	45.095	428.910	677.000	0.319	1.482	2.707	0.507	2.414	1.620	0.627	2.989	1.368
6796	32.153	466.921	705.099	0.380	1.588	3.125	0.528	2.496	1.746	0.646	3.058	1.493
6797	35.840	455.203	656.035	0.342	1.571	2.762	0.522	2.468	1.723	0.641	3.036	1.467
6798	48.217	464.625	656.251	0.311	1.456	2.662	0.502	2.398	1.571	0.624	2.982	1.322
6799	32.700	434.233	651.564	0.355	1.608	2.897	0.531	2.486	1.848	0.645	3.052	1.528
6800	38.536	479.595	625.149	0.330	1.541	2.721	0.515	2.448	1.676	0.636	3.026	1.412
6801	39.635	477.041	676.776	0.325	1.526	2.649	0.513	2.449	1.614	0.632	3.013	1.389
6802	33.402	440.374	618.318	0.349	1.610	2.811	0.527	2.488	1.794	0.645	3.047	1.541
6803	32.802	474.390	662.615	0.346	1.604	2.769	0.525	2.490	1.744	0.643	3.049	1.492
6804	50.729	442.355	631.322	0.309	1.443	2.696	0.502	2.398	1.579	0.622	2.973	1.338
6805	27.963	493.441	595.545	0.568	1.602	4.310	0.644	2.502	2.564	0.701	3.060	1.977
6806	30.292	456.180	665.390	0.400	1.600	3.378	0.558	2.491	2.089	0.662	3.057	1.690
6807	34.184	529.002	663.203	0.343	1.575	2.726	0.523	2.474	1.699	0.641	3.042	1.435
6808	36.597	484.705	662.220	0.336	1.556	2.705	0.519	2.462	1.674	0.638	3.027	1.431
6809	39.565	460.741	659.079	0.329	1.531	2.685	0.513	2.443	1.646	0.634	3.015	1.407
6810	33.986	462.330	658.399	0.343	1.594	2.726	0.523	2.481	1.719	0.643	3.044	1.489
6811	27.767	480.570	706.297	0.794	1.586	4.818	0.640	2.505	2.478	0.744	3.062	2.108
6812	36.642	454.275	702.303	0.342	1.555	2.771	0.522	2.459	1.721	0.639	3.031	1.433
6813	33.996	495.903	759.145	0.342	1.582	2.640	0.522	2.476	1.651	0.641	3.038	1.429
6814	36.900	465.172	714.780	0.339	1.554	2.696	0.519	2.457	1.666	0.639	3.028	1.429
6815	37.799	447.145	690.966	0.334	1.549	2.687	0.000	0.000	0.000	0.000	0.000	0.000
6816	30.145	452.786	663.934	0.421	1.598	3.527	0.536	2.522	1.826	0.712	3.049	1.989
6817	43.300	457.968	606.330	0.322	1.499	2.747	0.509	2.421	1.663	0.630	3.003	1.388
6818	30.285	486.450	667.646	0.518	1.575	3.959	0.648	2.479	2.482	0.732	3.037	2.055
6819	26.690	465.701	666.592	0.780	1.601	4.986	0.648	2.514	2.593	0.741	3.073	2.154
6820	41.456	500.374	657.553	0.327	1.501	2.730	0.512	2.424	1.649	0.629	3.001	1.365

6821	30.205	485.474	703.337	0.459	1.582	3.660	0.535	2.523	1.764	0.672	3.060	1.711
6822	38.383	423.992	691.438	0.337	1.543	2.772	0.518	2.451	1.705	0.637	3.025	1.434
6823	49.148	475.247	616.675	0.310	1.449	2.678	0.501	2.392	1.573	0.623	2.976	1.330
6824	26.086	470.658	679.562	1.119	1.598	5.706	0.690	2.503	2.782	0.738	3.077	2.145
6825	55.197	425.959	693.597	0.303	1.409	2.707	0.498	2.369	1.581	0.619	2.965	1.287
6826	36.780	483.908	653.504	0.348	1.541	2.911	0.526	2.450	1.794	0.638	3.027	1.447
6827	31.814	499.757	707.928	0.350	1.613	2.724	0.528	2.497	1.723	0.647	3.062	1.472
6828	37.250	448.021	654.275	0.338	1.554	2.752	0.519	2.454	1.710	0.638	3.027	1.449
6829	35.554	527.852	707.220	0.335	1.562	2.617	0.518	2.466	1.621	0.638	3.036	1.391
6830	39.833	438.405	646.808	0.331	1.531	2.721	0.515	2.442	1.670	0.635	3.017	1.426
6831	35.551	421.694	652.810	0.340	1.582	2.773	0.521	2.473	1.737	0.641	3.038	1.493
6832	42.804	452.811	672.835	0.320	1.500	2.666	0.508	2.422	1.618	0.629	3.000	1.369
6833	33.730	477.539	650.405	0.344	1.593	2.748	0.524	2.482	1.735	0.643	3.045	1.487
6834	32.446	480.165	606.440	0.350	1.615	2.812	0.528	2.493	1.794	0.646	3.051	1.536
6835	32.705	465.583	632.813	0.349	1.610	2.814	0.527	2.489	1.797	0.644	3.052	1.517
6836	30.907	458.976	702.965	0.441	1.581	3.592	0.575	2.490	2.141	0.657	3.073	1.578
6837	39.828	470.279	666.247	0.329	1.523	2.699	0.514	2.438	1.653	0.633	3.012	1.398
6838	32.795	495.595	652.552	0.346	1.602	2.731	0.525	2.488	1.730	0.644	3.049	1.492
6839	40.677	446.020	625.109	0.328	1.524	2.743	0.513	2.439	1.675	0.633	3.010	1.420
6840	28.984	463.575	665.164	0.363	1.671	2.830	0.590	2.496	2.298	0.709	3.059	1.979
6841	39.319	470.227	599.444	0.333	1.533	2.794	0.516	2.441	1.721	0.634	3.014	1.437
6842	38.067	496.766	651.406	0.329	1.542	2.669	0.514	2.449	1.650	0.633	3.018	1.407
6843	44.871	468.541	684.854	0.316	1.480	2.618	0.508	2.425	1.557	0.626	2.989	1.340
6844	36.207	462.306	709.147	0.338	1.561	2.697	0.521	2.471	1.659	0.638	3.032	1.427
6845	31.209	456.426	635.867	0.357	1.634	2.840	0.532	2.506	1.820	0.651	3.063	1.572
6846	37.761	468.398	698.360	0.332	1.543	2.690	0.515	2.450	1.658	0.634	3.020	1.407
6847	36.940	459.457	644.458	0.336	1.560	2.723	0.518	2.461	1.687	0.640	3.041	1.434
6848	35.244	443.128	721.438	0.339	1.578	2.708	0.521	2.473	1.694	0.640	3.039	1.452
6849	45.563	486.217	664.484	0.316	1.475	2.628	0.505	2.410	1.565	0.627	2.989	1.337
6850	28.720	468.833	622.866	0.693	1.579	4.702	0.616	2.488	2.462	0.709	3.060	1.994
6851	39.344	440.114	624.151	0.332	1.536	2.805	0.516	2.447	1.721	0.634	3.018	1.435
6852	36.780	469.982	697.476	0.340	1.546	2.804	0.516	2.460	1.654	0.635	3.024	1.414
6853	32.400	439.380	661.279	0.354	1.622	2.809	0.530	2.496	1.799	0.649	3.058	1.543
6854	41.118	443.843	644.836	0.397	1.476	3.429	0.512	2.436	1.655	0.631	3.005	1.409
6855	32.232	444.083	669.414	0.350	1.621	2.773	0.528	2.501	1.767	0.647	3.061	1.522
6856	37.225	463.365	659.014	0.335	1.554	2.728	0.518	2.457	1.692	0.638	3.029	1.435
6857	38.134	498.939	679.705	0.329	1.538	2.638	0.515	2.456	1.611	0.633	3.015	1.394
6858	32.051	490.455	596.714	0.351	1.617	2.837	0.528	2.494	1.812	0.645	3.053	1.532
6859	38.737	475.544	679.381	0.329	1.533	2.697	0.514	2.447	1.651	0.633	3.019	1.390
6860	33.168	443.911	631.703	0.349	1.611	2.804	0.528	2.494	1.783	0.646	3.048	1.538
6861	31.453	523.878	647.868	0.350	1.613	2.757	0.527	2.496	1.745	0.645	3.053	1.496
6862	36.750	455.888	659.753	0.338	1.557	2.762	0.520	2.460	1.715	0.638	3.027	1.446
6863	38.947	471.899	645.714	0.329	1.536	2.694	0.514	2.447	1.648	0.634	3.015	1.414
6864	30.624	470.171	660.992	0.475	1.576	3.805	0.531	2.509	1.791	0.697	3.043	1.899

6865	35.060	457.347	673.353	0.343	1.575	2.782	0.523	2.471	1.735	0.641	3.039	1.462
6866	44.303	496.284	688.042	0.317	1.479	2.615	0.505	2.412	1.556	0.626	2.989	1.329
6867	28.256	500.245	623.528	0.543	1.599	4.140	0.595	2.495	2.327	0.688	3.068	1.862
6868	27.810	492.104	685.140	0.603	1.601	4.296	0.603	2.503	2.345	0.709	3.062	1.968
6869	30.040	431.486	654.937	0.463	1.596	3.811	0.544	2.510	1.966	0.654	3.073	1.604
6870	34.247	455.485	597.163	0.346	1.595	2.846	0.525	2.479	1.805	0.643	3.044	1.524
6871	40.084	463.872	703.851	0.324	1.519	2.664	0.510	2.436	1.625	0.632	3.019	1.361
6872	38.004	478.933	658.624	0.333	1.545	2.680	0.515	2.452	1.645	0.635	3.018	1.421
6873	34.550	442.657	654.046	0.343	1.590	2.758	0.000	0.000	0.000	0.644	3.053	1.479
6874	33.259	474.201	627.626	0.346	1.603	2.777	0.000	0.000	0.000	0.000	0.000	0.000
6875	39.227	450.560	655.656	0.330	1.534	2.736	0.514	2.447	1.667	0.634	3.016	1.419
6876	29.169	409.824	653.737	0.621	1.584	4.577	0.000	0.000	0.000	0.697	3.064	1.955
6877	32.316	548.274	734.228	0.396	1.560	3.187	0.526	2.484	1.692	0.662	3.042	1.610
6878	57.454	470.616	704.882	0.300	1.402	2.553	0.000	0.000	0.000	0.000	0.000	0.000
6879	27.658	469.866	615.131	0.663	1.600	4.657	0.000	0.000	0.000	0.000	0.000	0.000
6880	37.227	498.848	674.886	0.335	1.542	2.740	0.518	2.453	1.682	0.634	3.021	1.402
6881	27.956	482.601	653.061	0.664	1.593	4.548	0.653	2.489	2.595	0.765	3.053	2.226
6882	34.741	505.258	656.205	0.344	1.571	2.780	0.524	2.470	1.736	0.640	3.038	1.440
6883	37.269	485.244	683.499	0.333	1.547	2.675	0.516	2.453	1.648	0.636	3.025	1.411
6884	21.792	521.583	687.454	1.951	1.641	7.431	1.002	2.514	3.744	0.000	0.000	0.000
6885	38.494	508.801	606.487	0.346	1.521	2.937	0.526	2.438	1.799	0.637	3.012	1.453
6886	41.536	421.208	603.041	0.327	1.522	2.789	0.512	2.435	1.706	0.632	3.009	1.438
6887	37.433	440.254	665.482	0.331	1.555	2.723	0.515	2.455	1.695	0.636	3.028	1.439
6888	42.504	457.915	662.949	0.321	1.504	2.661	0.509	2.425	1.614	0.630	3.005	1.369
6889	44.718	468.679	652.066	0.317	1.484	2.659	0.507	2.417	1.595	0.628	2.998	1.343
6890	29.445	452.744	620.850	0.608	1.579	4.462	0.624	2.486	2.496	0.655	3.083	1.605
6891	36.200	457.007	701.277	0.338	1.562	2.751	0.520	2.461	1.712	0.638	3.035	1.431
6892	36.566	423.103	688.963	0.338	1.566	2.734	0.519	2.462	1.706	0.639	3.028	1.465
6893	40.048	476.496	647.888	0.326	1.525	2.668	0.512	2.439	1.632	0.633	3.011	1.398
6894	36.388	460.771	633.331	0.337	1.567	2.735	0.519	2.465	1.704	0.639	3.032	1.460
6895	51.920	461.892	697.248	0.303	1.430	2.598	0.498	2.381	1.526	0.620	2.971	1.277
6896	37.388	477.188	625.910	0.342	1.545	2.848	0.523	2.452	1.764	0.637	3.027	1.431
6897	36.366	444.201	632.888	0.337	1.570	2.753	0.519	2.466	1.715	0.638	3.030	1.472
6898	40.597	461.579	606.171	0.326	1.526	2.722	0.512	2.440	1.671	0.633	3.017	1.410
6899	49.081	460.144	712.842	0.307	1.447	2.604	0.500	2.390	1.545	0.622	2.976	1.299
6900	33.201	512.017	656.189	0.350	1.589	2.783	0.528	2.478	1.760	0.642	3.044	1.464
6901	33.016	499.857	683.212	0.347	1.595	2.735	0.526	2.485	1.722	0.646	3.064	1.444
6902	39.931	478.806	626.481	0.329	1.526	2.712	0.514	2.441	1.655	0.634	3.012	1.411
6903	29.541	470.451	623.893	0.575	1.580	4.293	0.592	2.488	2.323	0.690	3.056	1.888
6904	29.369	501.339	650.159	0.483	1.589	3.833	0.591	2.489	2.264	0.675	3.072	1.734
6905	26.623	471.921	638.010	0.702	1.608	4.786	0.681	2.492	2.782	0.752	3.060	2.230
6906	40.263	478.658	651.265	0.330	1.515	2.764	0.514	2.433	1.685	0.632	3.015	1.380
6907	30.780	501.388	635.910	0.355	1.630	2.794	0.531	2.509	1.778	0.649	3.064	1.535
6908	43.071	442.003	695.743	0.322	1.496	2.703	0.509	2.422	1.626	0.629	2.999	1.369

6909	38.142	458.133	660.925	0.332	1.544	2.689	0.516	2.454	1.659	0.635	3.018	1.424
6910	36.214	493.821	619.960	0.336	1.565	2.709	0.518	2.463	1.688	0.639	3.032	1.449
6911	51.802	464.101	641.115	0.305	1.433	2.645	0.499	2.383	1.558	0.621	2.973	1.301
6912	35.600	487.202	667.980	0.344	1.560	2.824	0.524	2.462	1.757	0.637	3.032	1.427
6913	33.177	438.918	611.847	0.350	1.613	2.829	0.528	2.490	1.810	0.647	3.052	1.550
6914	45.142	496.646	690.759	0.313	1.471	2.625	0.504	2.410	1.558	0.625	2.990	1.316
6915	36.690	508.633	669.574	0.336	1.550	2.687	0.518	2.455	1.658	0.637	3.023	1.414
6916	39.021	467.609	644.526	0.330	1.536	2.698	0.515	2.448	1.654	0.635	3.018	1.417
6917	29.459	516.320	691.284	0.424	1.592	3.453	0.594	2.481	2.250	0.689	3.052	1.821
6918	43.593	479.544	696.221	0.321	1.486	2.647	0.509	2.417	1.597	0.628	2.996	1.342
6919	21.759	454.391	698.784	3.169	1.641	9.147	0.000	0.000	0.000	0.000	0.000	0.000
6920	27.251	516.619	658.023	0.842	1.588	4.937	0.653	2.486	2.587	0.745	3.052	2.141
6921	34.606	464.483	659.686	0.349	1.576	2.853	0.527	2.469	1.792	0.642	3.042	1.469
6922	28.515	481.373	697.121	0.549	1.587	4.143	0.611	2.500	2.353	0.707	3.070	1.921
6923	34.628	501.353	684.466	0.346	1.571	2.768	0.524	2.467	1.725	0.640	3.037	1.439
6924	38.771	496.723	608.378	0.331	1.538	2.711	0.515	2.449	1.663	0.636	3.025	1.413
6925	37.120	460.213	618.308	0.334	1.561	2.744	0.518	2.463	1.703	0.638	3.029	1.459
6926	36.445	433.950	695.164	0.337	1.566	2.720	0.519	2.465	1.694	0.639	3.032	1.454
6927	35.861	446.874	639.134	0.339	1.576	2.744	0.521	2.472	1.716	0.641	3.036	1.476
6928	48.271	497.757	671.401	0.308	1.452	2.584	0.501	2.396	1.537	0.623	2.984	1.285
6929	43.053	487.066	699.065	0.321	1.489	2.643	0.509	2.419	1.590	0.628	2.998	1.334
6930	41.811	448.883	719.729	0.324	1.507	2.639	0.510	2.430	1.600	0.631	3.004	1.370
6931	49.977	482.877	629.702	0.308	1.444	2.624	0.501	2.389	1.558	0.623	2.979	1.306
6932	48.858	488.697	695.990	0.310	1.443	2.640	0.501	2.390	1.551	0.621	2.976	1.287
6933	34.089	506.699	653.515	0.348	1.578	2.789	0.527	2.474	1.757	0.643	3.053	1.432
6934	30.024	451.508	642.106	0.471	1.588	3.846	0.536	2.517	1.860	0.652	3.069	1.590
6935	43.647	463.083	689.004	0.319	1.488	2.676	0.507	2.418	1.606	0.627	2.995	1.353
6936	32.334	454.431	658.994	0.351	1.617	2.782	0.529	2.495	1.776	0.648	3.059	1.522
6937	35.335	426.953	708.103	0.342	1.579	2.764	0.522	2.471	1.736	0.641	3.042	1.462
6938	37.977	476.174	648.321	0.332	1.546	2.686	0.515	2.452	1.654	0.637	3.028	1.411
6939	22.799	471.490	728.865	1.597	1.629	6.818	15.179	2.499	18.180	1.780	3.064	4.520
6940	32.876	470.609	650.972	0.366	1.589	3.008	0.539	2.477	1.903	0.649	3.047	1.553
6941	25.224	442.074	649.687	1.327	1.612	6.284	0.896	2.515	3.397	0.925	3.082	2.759
6942	31.616	443.370	703.703	0.490	1.565	3.860	0.636	2.463	2.461	0.647	3.064	1.516
6943	28.394	475.674	635.978	0.872	1.571	5.129	0.543	2.532	1.909	0.724	3.061	2.056
6944	51.395	459.136	643.070	0.307	1.434	2.690	0.500	2.384	1.584	0.620	2.967	1.316
6945	40.611	494.461	645.977	0.330	1.509	2.778	0.514	2.430	1.681	0.630	3.009	1.369
6946	34.794	477.099	628.758	0.341	1.584	2.745	0.522	2.474	1.727	0.641	3.041	1.476
6947	35.959	457.787	654.951	0.338	1.569	2.747	0.520	2.467	1.709	0.638	3.031	1.457
6948	45.466	453.595	650.916	0.315	1.481	2.668	0.505	2.411	1.605	0.628	2.997	1.351
6949	32.807	490.242	710.249	0.347	1.602	2.715	0.526	2.490	1.716	0.644	3.049	1.476
6950	44.887	430.374	658.881	0.320	1.486	2.706	0.509	2.424	1.615	0.629	2.996	1.373
6951	39.921	494.961	659.056	0.325	1.522	2.649	0.511	2.440	1.613	0.632	3.012	1.376
6952	27.762	476.666	681.384	0.562	1.607	4.190	0.636	2.497	2.511	0.763	3.064	2.189

6953	57.508	423.978	685.410	0.301	1.399	2.704	0.496	2.364	1.565	0.618	2.957	1.289
6954	32.749	473.783	680.352	0.373	1.579	3.088	0.547	2.476	1.956	0.653	3.043	1.586
6955	34.786	476.389	679.035	0.342	1.577	2.723	0.522	2.470	1.706	0.641	3.039	1.455
6956	46.848	501.425	635.501	0.312	1.464	2.607	0.505	2.410	1.546	0.624	2.983	1.321
6957	38.797	509.714	671.485	0.330	1.527	2.681	0.514	2.443	1.636	0.633	3.019	1.371
6958	31.317	441.035	680.981	0.357	1.633	2.814	0.533	2.508	1.805	0.650	3.065	1.549
6959	29.477	504.186	664.890	0.437	1.594	3.564	0.605	2.485	2.321	0.652	3.073	1.546
6960	34.503	460.329	601.337	0.348	1.587	2.866	0.526	2.472	1.812	0.643	3.041	1.513
6961	26.847	455.745	655.612	0.926	1.591	5.374	0.669	2.503	2.711	0.887	3.063	2.608
6962	42.196	465.209	636.185	0.327	1.501	2.782	0.512	2.426	1.676	0.629	3.000	1.387
6963	43.123	528.068	702.880	0.317	1.486	2.571	0.507	2.418	1.558	0.627	2.996	1.313
6964	34.601	490.404	653.004	0.344	1.579	2.737	0.523	2.473	1.712	0.653	3.033	1.579
6965	33.517	467.976	699.954	0.346	1.596	2.732	0.525	2.485	1.721	0.645	3.058	1.458
6966	44.225	466.341	704.071	0.347	1.461	2.999	0.509	2.428	1.562	0.627	2.994	1.339
6967	31.712	477.629	679.808	0.355	1.619	2.781	0.531	2.502	1.768	0.648	3.056	1.517
6968	29.552	484.856	665.383	0.450	1.593	3.662	0.537	2.514	1.841	0.653	3.074	1.562
6969	38.662	399.966	647.841	0.337	1.548	2.837	0.519	2.451	1.760	0.636	3.021	1.470
6970	42.159	493.899	702.638	0.318	1.499	2.598	0.507	2.423	1.578	0.628	3.002	1.339
6971	37.019	464.611	679.081	0.336	1.556	2.692	0.519	2.460	1.669	0.638	3.026	1.430
6972	34.300	458.547	652.292	0.343	1.590	2.751	0.524	2.483	1.728	0.643	3.043	1.493
6973	40.651	482.656	663.083	0.325	1.514	2.681	0.511	2.436	1.618	0.631	3.009	1.374
6974	29.295	474.834	656.082	0.527	1.587	4.057	0.536	2.521	1.841	0.654	3.083	1.567
6975	30.469	474.910	681.414	0.448	1.584	3.641	0.548	2.494	1.979	0.660	3.062	1.639
6976	38.074	482.141	656.715	0.334	1.541	2.714	0.516	2.449	1.672	0.636	3.022	1.415
6977	40.334	473.159	678.541	0.325	1.518	2.654	0.512	2.438	1.612	0.632	3.013	1.376
6978	33.931	460.712	703.914	0.345	1.592	2.724	0.524	2.480	1.719	0.644	3.055	1.460
6979	28.084	531.186	642.594	0.490	1.603	3.840	0.584	2.501	2.221	0.713	3.051	1.988
6980	54.387	461.542	632.769	0.304	1.415	2.700	0.498	2.371	1.572	0.619	2.964	1.298
6981	25.962	476.094	665.506	0.922	1.602	5.348	0.723	2.512	2.870	0.753	3.070	2.222
6982	26.569	422.988	634.268	0.954	1.599	5.608	0.673	2.513	2.784	0.759	3.074	2.285
6983	34.051	422.686	631.473	0.350	1.594	2.922	0.529	2.482	1.842	0.642	3.044	1.521
6984	17.996	442.249	681.079	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6985	41.544	512.717	632.187	0.344	1.486	2.962	0.524	2.416	1.797	0.636	3.003	1.443
6986	41.116	451.834	611.362	0.326	1.521	2.733	0.512	2.437	1.667	0.632	3.007	1.420
6987	37.907	493.783	657.151	0.329	1.543	2.668	0.514	2.452	1.646	0.635	3.027	1.394
6988	31.677	478.514	675.688	0.351	1.617	2.764	0.528	2.499	1.751	0.647	3.058	1.512
6989	37.658	469.245	663.495	0.335	1.546	2.730	0.518	2.455	1.676	0.638	3.033	1.411
6990	38.620	507.129	662.747	0.328	1.532	2.646	0.513	2.447	1.614	0.634	3.021	1.383
6991	44.002	486.688	617.739	0.318	1.490	2.661	0.507	2.417	1.604	0.629	3.001	1.355
6992	35.944	487.079	647.110	0.336	1.565	2.717	0.518	2.462	1.692	0.638	3.034	1.439
6993	42.428	466.627	653.049	0.322	1.504	2.673	0.509	2.426	1.613	0.630	3.005	1.370
6994	34.128	471.511	631.666	0.344	1.591	2.771	0.525	2.488	1.732	0.642	3.041	1.491
6995	56.865	428.295	687.836	0.301	1.402	2.724	0.496	2.366	1.564	0.619	2.966	1.282
6996	43.758	436.846	657.906	0.334	1.479	2.931	0.517	2.413	1.763	0.630	2.992	1.418

6997	41.277	467.249	684.457	0.323	1.511	2.650	0.510	2.433	1.615	0.630	3.006	1.369
6998	28.252	441.346	640.775	0.578	1.602	4.382	0.000	0.000	0.000	0.000	0.000	0.000
6999	35.035	504.214	704.738	0.340	1.566	2.715	0.521	2.465	1.692	0.638	3.036	1.417
7000	34.476	464.380	665.097	0.345	1.585	2.743	0.524	2.476	1.726	0.644	3.048	1.473
7001	22.167	481.441	656.396	2.480	1.637	8.203	0.000	0.000	0.000	0.000	0.000	0.000
7002	36.842	431.525	612.534	0.353	1.550	3.032	0.530	2.455	1.876	0.643	3.043	1.495
7003	26.717	444.374	666.664	0.803	1.596	5.141	0.726	2.499	2.919	0.827	3.068	2.463
7004	25.184	488.997	631.148	0.924	1.615	5.393	0.734	2.506	2.974	0.942	3.058	2.817
7005	38.870	483.668	686.855	0.334	1.525	2.765	0.517	2.442	1.687	0.634	3.027	1.366
7006	35.207	472.895	670.251	0.340	1.575	2.698	0.521	2.471	1.695	0.643	3.051	1.434
7007	29.321	473.678	682.918	0.486	1.594	3.844	0.555	2.525	1.972	0.655	3.084	1.558
7008	38.579	447.823	644.669	0.335	1.539	2.785	0.517	2.446	1.716	0.635	3.018	1.437
7009	26.931	454.005	684.125	0.773	1.598	4.968	0.648	2.512	2.595	0.762	3.072	2.218
7010	37.860	474.997	623.678	0.337	1.544	2.802	0.520	2.450	1.738	0.636	3.021	1.438
7011	34.903	435.345	663.708	0.341	1.588	2.754	0.523	2.485	1.725	0.641	3.042	1.485
7012	35.407	484.679	627.110	0.338	1.575	2.728	0.520	2.470	1.707	0.646	3.034	1.529
7013	37.059	416.280	626.806	0.337	1.567	2.796	0.519	2.462	1.747	0.640	3.037	1.474
7014	36.862	486.836	635.404	0.381	1.517	3.287	0.516	2.457	1.684	0.637	3.030	1.431
7015	32.576	469.356	659.595	0.348	1.610	2.762	0.527	2.495	1.753	0.645	3.054	1.505
7016	37.357	447.768	652.110	0.336	1.553	2.752	0.518	2.457	1.701	0.637	3.027	1.444
7017	28.866	417.836	720.701	0.552	1.594	4.227	0.558	2.509	2.097	0.733	3.052	2.112
7018	41.928	427.358	680.162	0.327	1.509	2.747	0.514	2.443	1.644	0.632	3.009	1.393
7019	42.368	481.149	668.171	0.320	1.503	2.617	0.508	2.425	1.593	0.629	2.998	1.362
7020	44.650	459.234	664.363	0.321	1.480	2.726	0.506	2.414	1.590	0.627	2.993	1.355
7021	33.457	506.969	685.566	0.344	1.589	2.706	0.524	2.482	1.700	0.642	3.044	1.450
7022	35.321	501.093	676.178	0.339	1.567	2.690	0.521	2.466	1.678	0.639	3.032	1.437
7023	34.804	471.004	645.680	0.343	1.582	2.753	0.522	2.472	1.727	0.642	3.041	1.477
7024	37.157	494.588	665.920	0.381	1.513	3.228	0.516	2.457	1.651	0.635	3.022	1.414
7025	27.651	505.301	682.898	0.631	1.598	4.358	0.658	2.494	2.570	0.723	3.064	2.021
7026	45.934	437.264	618.734	0.321	1.475	2.790	0.509	2.409	1.673	0.627	2.989	1.385
7027	37.149	461.825	677.122	0.333	1.553	2.711	0.516	2.455	1.683	0.636	3.028	1.420
7028	34.280	482.964	689.943	0.342	1.583	2.694	0.522	2.479	1.686	0.642	3.042	1.454
7029	52.441	472.372	690.012	0.303	1.426	2.569	0.499	2.386	1.496	0.619	2.962	1.282
7030	30.570	472.576	612.728	0.373	1.624	3.072	0.544	2.495	1.981	0.654	3.066	1.607
7031	46.635	445.019	646.030	0.314	1.468	2.723	0.506	2.413	1.611	0.626	2.994	1.345
7032	36.248	446.612	621.344	0.339	1.570	2.789	0.521	2.466	1.746	0.639	3.035	1.469
7033	51.988	417.433	719.667	0.306	1.431	2.698	0.499	2.384	1.581	0.620	2.966	1.314
7034	35.921	464.439	638.928	0.346	1.560	2.868	0.526	2.461	1.791	0.639	3.036	1.449
7035	45.885	484.821	623.750	0.316	1.472	2.701	0.505	2.411	1.589	0.625	2.985	1.351
7036	31.003	514.413	657.821	0.450	1.569	3.622	0.597	2.477	2.245	0.646	3.061	1.497
7037	39.520	482.087	623.671	0.330	1.529	2.733	0.515	2.443	1.674	0.634	3.015	1.413
7038	38.548	471.156	660.355	0.328	1.540	2.671	0.514	2.450	1.647	0.634	3.019	1.410
7039	33.908	517.372	663.549	0.341	1.584	2.676	0.521	2.476	1.681	0.641	3.042	1.446
7040	34.685	506.143	648.401	0.342	1.576	2.726	0.522	2.470	1.706	0.640	3.036	1.454

7041	40.379	414.604	682.801	0.329	1.528	2.733	0.513	2.438	1.677	0.634	3.015	1.421
7042	31.204	484.822	635.007	0.352	1.630	2.760	0.530	2.509	1.765	0.648	3.062	1.538
7043	33.936	451.246	659.096	0.346	1.591	2.802	0.525	2.483	1.761	0.643	3.046	1.490
7044	30.020	490.952	641.707	0.358	1.643	2.816	0.534	2.515	1.817	0.650	3.066	1.558
7045	33.381	491.471	697.400	0.347	1.590	2.748	0.526	2.482	1.733	0.643	3.048	1.457
7046	33.112	517.968	610.070	0.348	1.599	2.760	0.526	2.482	1.748	0.644	3.044	1.501
7047	40.709	431.892	622.387	0.328	1.525	2.770	0.514	2.441	1.692	0.635	3.025	1.411
7048	50.134	456.597	667.379	0.306	1.443	2.643	0.501	2.399	1.550	0.622	2.979	1.305
7049	45.814	440.281	682.375	0.319	1.472	2.734	0.508	2.414	1.623	0.626	2.993	1.339
7050	44.507	479.304	724.526	0.321	1.474	2.683	0.506	2.413	1.561	0.627	2.996	1.314
7051	29.183	497.048	684.882	0.367	1.652	2.850	0.591	2.493	2.249	0.654	3.074	1.568
7052	28.129	491.366	599.242	0.743	1.583	4.847	0.546	2.522	1.981	0.657	3.082	1.637
7053	35.254	457.712	616.627	0.344	1.576	2.854	0.523	2.470	1.786	0.650	3.034	1.592
7054	41.526	482.273	657.421	0.321	1.508	2.661	0.512	2.445	1.594	0.629	3.002	1.370
7055	31.993	499.213	658.406	0.372	1.589	3.046	0.527	2.493	1.744	0.646	3.055	1.497
7056	43.718	506.069	641.504	0.319	1.486	2.660	0.507	2.418	1.591	0.628	2.996	1.348
7057	29.822	478.121	639.006	0.498	1.585	3.940	0.536	2.517	1.847	0.653	3.079	1.557
7058	39.020	445.872	651.291	0.332	1.537	2.756	0.516	2.446	1.701	0.634	3.016	1.426
7059	39.604	472.288	641.351	0.326	1.531	2.672	0.513	2.444	1.644	0.633	3.014	1.405
7060	39.010	459.501	647.440	0.329	1.538	2.689	0.514	2.449	1.656	0.636	3.027	1.404
7061	35.185	491.626	631.489	0.338	1.575	2.713	0.520	2.471	1.695	0.639	3.034	1.459
7062	31.995	481.517	698.202	0.350	1.614	2.743	0.528	2.497	1.744	0.645	3.055	1.494
7063	47.952	445.368	662.871	0.314	1.459	2.684	0.504	2.400	1.592	0.625	2.981	1.342
7064	29.621	469.033	725.408	0.604	1.576	4.236	0.538	2.511	1.849	0.681	3.057	1.791
7065	32.896	413.894	669.606	0.357	1.613	2.889	0.532	2.490	1.844	0.648	3.055	1.552
7066	38.271	481.170	606.727	0.332	1.545	2.740	0.515	2.449	1.690	0.637	3.032	1.418
7067	36.265	485.586	638.448	0.334	1.564	2.709	0.517	2.461	1.690	0.637	3.028	1.444
7068	23.877	470.322	629.853	0.905	1.657	5.393	0.911	2.506	3.559	0.951	3.079	2.903
7069	41.382	458.565	625.384	0.330	1.507	2.843	0.515	2.427	1.737	0.631	3.008	1.400
7070	33.469	490.817	672.044	0.343	1.594	2.718	0.523	2.484	1.712	0.644	3.063	1.445
7071	35.821	446.620	680.910	0.339	1.571	2.728	0.521	2.465	1.713	0.642	3.047	1.441
7072	36.887	475.901	610.588	0.336	1.563	2.734	0.518	2.461	1.700	0.638	3.027	1.458
7073	29.950	467.418	647.161	0.503	1.583	3.970	0.534	2.522	1.816	0.650	3.069	1.572
7074	47.144	461.518	666.809	0.314	1.462	2.685	0.504	2.400	1.594	0.624	2.981	1.337
7075	28.813	452.898	692.627	0.530	1.598	4.072	0.593	2.497	2.301	0.686	3.065	1.850
7076	42.978	491.748	692.097	0.321	1.490	2.645	0.509	2.420	1.592	0.629	3.000	1.336
7077	32.677	429.293	650.329	0.352	1.617	2.815	0.530	2.498	1.793	0.648	3.055	1.545
7078	46.210	447.694	708.525	0.314	1.469	2.659	0.506	2.417	1.563	0.625	2.987	1.334
7079	37.062	453.113	632.292	0.339	1.557	2.784	0.520	2.460	1.720	0.638	3.026	1.455
7080	38.049	463.694	721.549	0.330	1.545	2.653	0.515	2.451	1.639	0.634	3.020	1.399
7081	37.189	466.102	674.131	0.335	1.554	2.686	0.518	2.459	1.661	0.638	3.028	1.430
7082	27.279	441.652	680.685	0.646	1.606	4.593	0.629	2.511	2.513	0.744	3.069	2.162
7083	32.294	496.392	671.469	0.353	1.601	2.818	0.530	2.483	1.792	0.646	3.060	1.476
7084	25.494	512.040	678.875	0.675	1.626	4.592	0.901	2.491	3.330	0.762	3.072	2.221

7085	38.933	455.869	674.727	0.338	1.527	2.815	0.519	2.441	1.724	0.634	3.018	1.406
7086	30.173	479.799	700.178	0.481	1.582	3.777	0.600	2.502	2.236	0.688	3.048	1.835
7087	29.948	437.483	673.507	0.406	1.611	3.400	0.605	2.480	2.386	0.655	3.076	1.594
7088	46.443	463.615	665.054	0.316	1.468	2.697	0.505	2.407	1.591	0.625	2.985	1.341
7089	46.727	446.260	670.980	0.314	1.468	2.680	0.504	2.405	1.595	0.625	2.982	1.349
7090	38.573	471.497	640.487	0.332	1.539	2.728	0.515	2.448	1.674	0.636	3.029	1.404
7091	30.877	443.109	620.836	0.357	1.646	2.849	0.609	2.474	2.416	0.651	3.067	1.591
7092	35.914	447.606	605.595	0.340	1.577	2.821	0.521	2.470	1.767	0.640	3.037	1.494
7093	31.552	470.406	696.071	0.369	1.602	3.030	0.548	2.488	1.968	0.654	3.051	1.602
7094	43.985	477.962	694.259	0.328	1.475	2.776	0.507	2.414	1.578	0.628	2.996	1.336
7095	39.829	503.488	659.891	0.327	1.522	2.648	0.512	2.437	1.621	0.633	3.015	1.376
7096	36.580	440.406	623.308	0.339	1.569	2.772	0.521	2.469	1.722	0.639	3.029	1.480
7097	30.017	458.435	696.740	0.397	1.610	3.286	0.533	2.523	1.785	0.678	3.054	1.790
7098	36.676	494.079	668.854	0.337	1.552	2.715	0.519	2.459	1.679	0.637	3.024	1.424
7099	32.974	472.678	629.543	0.495	1.546	3.898	0.527	2.489	1.762	0.648	3.066	1.496
7100	29.699	486.130	689.810	0.442	1.595	3.585	0.579	2.488	2.190	0.668	3.063	1.702
7101	36.364	488.031	696.289	0.338	1.555	2.710	0.520	2.458	1.683	0.638	3.030	1.418
7102	40.467	452.870	654.029	0.328	1.524	2.690	0.515	2.450	1.629	0.633	3.008	1.410
7103	33.276	528.508	653.389	0.342	1.593	2.673	0.523	2.484	1.681	0.641	3.042	1.459
7104	40.040	499.302	654.323	0.327	1.519	2.673	0.512	2.435	1.630	0.633	3.015	1.378
7105	38.259	466.811	706.361	0.331	1.540	2.653	0.515	2.451	1.631	0.636	3.025	1.393
7106	37.049	478.877	688.153	0.334	1.552	2.654	0.517	2.458	1.643	0.637	3.025	1.419
7107	33.959	465.306	656.127	0.345	1.593	2.748	0.524	2.482	1.733	0.644	3.044	1.496
7108	33.783	455.943	657.019	0.345	1.596	2.766	0.525	2.485	1.745	0.643	3.043	1.497
7109	38.110	418.227	654.839	0.334	1.552	2.770	0.518	2.457	1.710	0.636	3.022	1.457
7110	45.722	445.431	638.345	0.315	1.479	2.694	0.505	2.411	1.623	0.626	2.990	1.366
7111	32.454	490.372	694.826	0.347	1.603	2.732	0.526	2.490	1.732	0.644	3.054	1.469
7112	32.570	457.237	685.874	0.353	1.609	2.801	0.530	2.495	1.776	0.646	3.052	1.511
7113	41.287	472.744	707.965	0.324	1.508	2.638	0.510	2.429	1.600	0.631	3.005	1.365
7114	45.349	426.875	683.370	0.317	1.482	2.671	0.506	2.413	1.601	0.629	2.998	1.356
7115	35.204	480.920	676.612	0.340	1.573	2.709	0.521	2.467	1.699	0.640	3.040	1.439
7116	39.404	469.218	659.330	0.329	1.531	2.682	0.000	0.000	0.000	0.000	0.000	0.000
7117	39.624	466.114	638.494	0.328	1.533	2.684	0.513	2.443	1.650	0.634	3.015	1.415
7118	31.284	486.092	679.019	0.481	1.564	3.788	0.529	2.507	1.743	0.647	3.059	1.513
7119	36.544	499.797	603.560	0.338	1.559	2.765	0.520	2.461	1.712	0.638	3.027	1.457
7120	33.939	455.359	638.245	0.344	1.596	2.788	0.524	2.485	1.756	0.644	3.054	1.486
7121	23.456	446.709	687.313	1.142	1.659	5.857	0.941	2.518	3.610	0.951	3.080	2.904
7122	39.997	450.954	678.070	0.337	1.516	2.840	0.518	2.432	1.732	0.634	3.025	1.380
7123	38.183	476.231	719.617	0.330	1.541	2.632	0.515	2.452	1.618	0.636	3.030	1.374
7124	32.309	498.614	692.083	0.349	1.605	2.708	0.527	2.489	1.715	0.647	3.058	1.475
7125	30.681	430.238	671.091	0.364	1.642	2.901	0.537	2.511	1.868	0.652	3.066	1.586
7126	37.102	442.800	655.087	0.337	1.556	2.772	0.519	2.459	1.714	0.637	3.025	1.450
7127	39.411	471.075	646.025	0.328	1.532	2.690	0.513	2.446	1.646	0.633	3.012	1.409
7128	36.029	454.322	666.625	0.337	1.569	2.712	0.519	2.465	1.692	0.638	3.031	1.453

7129	47.231	446.146	593.821	0.315	1.471	2.730	0.504	2.403	1.638	0.625	2.983	1.379
7130	29.974	467.351	629.596	0.437	1.593	3.669	0.535	2.518	1.861	0.664	3.065	1.702
7131	21.905	496.550	605.053	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7132	26.640	527.165	631.888	0.580	1.616	4.257	0.664	2.500	2.627	0.779	3.059	2.277
7133	35.791	469.783	695.021	0.344	1.562	2.807	0.525	2.464	1.753	0.639	3.037	1.430
7134	31.976	472.602	672.904	0.352	1.615	2.769	0.529	2.496	1.757	0.648	3.057	1.516
7135	25.061	459.427	675.252	1.005	1.617	5.622	0.908	2.512	3.392	2.778	3.043	6.036
7136	34.929	446.901	703.004	0.349	1.573	2.854	0.527	2.468	1.791	0.641	3.042	1.458
7137	41.461	444.446	642.419	0.326	1.516	2.708	0.513	2.445	1.626	0.631	3.004	1.408
7138	42.759	474.280	692.180	0.318	1.497	2.622	0.510	2.437	1.567	0.628	2.999	1.351
7139	36.261	488.284	621.670	0.337	1.565	2.713	0.519	2.464	1.689	0.639	3.031	1.454
7140	35.525	483.591	675.077	0.337	1.570	2.695	0.519	2.466	1.683	0.639	3.038	1.437
7141	48.729	459.058	629.285	0.310	1.455	2.665	0.503	2.399	1.579	0.624	2.978	1.341
7142	38.556	467.689	650.381	0.331	1.536	2.745	0.515	2.445	1.687	0.634	3.020	1.408
7143	29.092	518.210	677.443	0.477	1.591	3.746	0.599	2.489	2.280	0.651	3.071	1.540
7144	39.980	447.199	726.857	0.331	1.522	2.711	0.515	2.436	1.661	0.634	3.019	1.378
7145	38.919	457.082	661.247	0.331	1.538	2.678	0.515	2.450	1.642	0.635	3.015	1.419
7146	30.098	449.132	691.118	0.558	1.577	4.160	0.535	2.520	1.808	0.690	3.054	1.860
7147	32.525	449.563	644.422	0.354	1.612	2.861	0.530	2.490	1.822	0.646	3.052	1.534
7148	35.415	454.097	599.898	0.342	1.583	2.809	0.523	2.475	1.764	0.641	3.038	1.504
7149	39.553	477.923	648.669	0.325	1.530	2.677	0.512	2.443	1.646	0.633	3.023	1.386
7150	26.469	521.638	657.081	0.628	1.616	4.386	0.662	2.501	2.615	0.740	3.059	2.133
7151	33.868	501.184	650.134	0.351	1.578	2.854	0.528	2.473	1.788	0.642	3.045	1.462
7152	35.426	504.553	705.292	0.337	1.565	2.653	0.519	2.464	1.657	0.638	3.030	1.417
7153	42.400	444.546	681.890	0.323	1.504	2.667	0.510	2.428	1.616	0.631	3.003	1.376
7154	47.713	451.989	693.360	0.311	1.460	2.619	0.505	2.409	1.554	0.624	2.984	1.322
7155	33.955	500.163	690.377	0.345	1.581	2.733	0.525	2.473	1.724	0.641	3.042	1.442
7156	34.824	502.472	690.640	0.418	1.528	3.411	0.521	2.470	1.672	0.641	3.038	1.434
7157	33.307	448.542	645.361	0.350	1.605	2.799	0.528	2.490	1.773	0.648	3.063	1.503
7158	25.823	511.312	646.371	0.900	1.602	5.205	0.629	2.519	2.503	0.778	3.069	2.283
7159	32.598	446.765	677.052	0.384	1.583	3.215	0.535	2.486	1.867	0.646	3.058	1.511
7160	34.569	491.303	663.277	0.341	1.578	2.724	0.522	2.472	1.702	0.642	3.051	1.436
7161	33.691	451.026	690.387	0.347	1.598	2.761	0.526	2.488	1.739	0.644	3.049	1.493
7162	31.356	435.068	641.344	0.358	1.636	2.866	0.534	2.509	1.840	0.651	3.064	1.577
7163	36.124	466.600	681.205	0.336	1.562	2.718	0.519	2.463	1.693	0.638	3.034	1.432
7164	32.355	442.138	729.519	0.350	1.614	2.743	0.528	2.496	1.746	0.647	3.056	1.507
7165	31.918	484.012	722.626	0.353	1.612	2.736	0.530	2.497	1.735	0.648	3.063	1.478
7166	32.047	414.809	717.786	0.357	1.620	2.844	0.533	2.497	1.827	0.649	3.055	1.549
7167	35.268	469.283	667.664	0.341	1.574	2.729	0.522	2.471	1.706	0.642	3.049	1.437
7168	51.352	466.818	662.293	0.305	1.433	2.618	0.499	2.384	1.537	0.620	2.966	1.299
7169	32.315	434.376	673.979	0.354	1.621	2.833	0.530	2.496	1.809	0.647	3.056	1.538
7170	34.566	433.513	716.874	0.343	1.587	2.741	0.523	2.475	1.734	0.643	3.052	1.461
7171	32.250	453.041	705.546	0.352	1.615	2.753	0.529	2.499	1.748	0.647	3.053	1.512
7172	34.403	491.172	693.922	0.342	1.579	2.701	0.522	2.471	1.696	0.641	3.039	1.444

7173	38.350	473.041	640.959	0.333	1.542	2.706	0.516	2.449	1.666	0.637	3.026	1.412
7174	34.498	475.826	659.378	0.341	1.585	2.722	0.522	2.477	1.707	0.641	3.039	1.469
7175	30.038	463.906	601.481	0.482	1.587	3.946	0.536	2.518	1.875	0.652	3.069	1.609
7176	37.311	471.818	627.482	0.334	1.552	2.774	0.000	0.000	0.000	0.000	0.000	0.000
7177	35.830	468.613	663.990	0.337	1.568	2.718	0.518	2.464	1.688	0.640	3.047	1.428
7178	33.619	538.177	676.860	0.423	1.536	3.422	0.000	0.000	0.000	0.641	3.044	1.433
7179	41.951	484.527	675.984	0.323	1.502	2.640	0.510	2.427	1.601	0.629	2.998	1.366
7180	31.524	436.434	693.658	0.355	1.631	2.801	0.532	2.506	1.796	0.649	3.059	1.546
7181	38.282	472.751	648.220	0.351	1.522	2.982	0.516	2.449	1.671	0.636	3.026	1.409
7182	34.382	509.388	671.308	0.340	1.580	2.680	0.521	2.476	1.678	0.641	3.043	1.441
7183	27.040	445.407	651.353	0.660	1.608	4.711	0.808	2.488	3.165	0.750	3.077	2.194
7184	34.649	460.691	669.930	0.345	1.578	2.808	0.525	2.473	1.767	0.642	3.053	1.444
7185	34.745	449.163	660.792	0.342	1.585	2.753	0.523	2.474	1.735	0.642	3.040	1.483
7186	34.379	481.217	652.059	0.342	1.585	2.732	0.523	2.479	1.716	0.641	3.039	1.471
7187	43.897	482.334	669.012	0.318	1.488	2.634	0.509	2.430	1.564	0.627	2.992	1.351
7188	32.636	478.986	669.564	0.349	1.606	2.762	0.527	2.491	1.746	0.645	3.050	1.497
7189	29.678	487.727	662.745	0.601	1.574	4.274	0.588	2.499	2.222	0.652	3.072	1.558
7190	32.214	434.411	657.533	0.357	1.617	2.883	0.532	2.494	1.843	0.648	3.059	1.541
7191	35.753	494.867	675.154	0.337	1.563	2.700	0.519	2.463	1.674	0.637	3.030	1.426
7192	27.568	454.408	665.210	0.702	1.599	4.732	0.665	2.502	2.654	0.727	3.062	2.093
7193	25.123	438.831	635.236	1.211	1.614	6.153	0.949	2.503	3.599	0.788	3.095	2.380
7194	43.547	423.827	630.449	0.324	1.495	2.825	0.511	2.421	1.710	0.628	2.997	1.403
7195	35.639	411.413	667.610	0.340	1.584	2.787	0.522	2.477	1.743	0.640	3.036	1.493
7196	34.562	473.427	596.586	0.343	1.591	2.781	0.523	2.482	1.744	0.642	3.040	1.505
7197	30.353	496.786	680.206	0.466	1.576	3.715	0.586	2.482	2.218	0.649	3.077	1.499
7198	25.579	472.724	667.101	1.235	1.605	5.940	0.931	2.489	3.467	0.940	3.059	2.800
7199	46.466	514.292	673.730	0.315	1.459	2.643	0.506	2.401	1.582	0.625	2.994	1.286
7200	28.415	466.673	655.378	0.913	1.570	5.202	0.547	2.538	1.926	0.735	3.061	2.097
7201	43.305	461.423	728.382	0.327	1.481	2.765	0.508	2.418	1.603	0.627	2.994	1.341
7202	39.332	480.497	646.895	0.330	1.530	2.680	0.515	2.444	1.644	0.634	3.015	1.403
7203	38.678	508.206	656.777	0.328	1.534	2.649	0.514	2.450	1.617	0.635	3.026	1.379
7204	52.125	501.626	691.649	0.303	1.426	2.541	0.498	2.380	1.491	0.620	2.971	1.253
7205	37.993	463.126	620.138	0.342	1.540	2.876	0.523	2.446	1.787	0.637	3.024	1.440
7206	40.169	473.742	625.233	0.349	1.502	3.048	0.512	2.441	1.654	0.632	3.013	1.408
7207	39.951	453.808	620.406	0.327	1.533	2.721	0.512	2.440	1.679	0.633	3.012	1.428
7208	24.907	489.753	713.959	1.161	1.615	5.704	0.879	2.516	3.217	0.921	3.061	2.725
7209	40.932	452.579	619.474	0.334	1.514	2.839	0.518	2.432	1.738	0.634	3.019	1.403
7210	46.100	445.341	696.141	0.313	1.472	2.650	0.504	2.407	1.596	0.625	2.989	1.338
7211	36.247	474.340	638.207	0.340	1.563	2.764	0.520	2.461	1.714	0.641	3.046	1.429
7212	37.634	440.479	650.942	0.334	1.555	2.741	0.517	2.459	1.694	0.639	3.039	1.431
7213	49.450	549.658	666.175	0.308	1.435	2.584	0.502	2.394	1.509	0.621	2.975	1.255
7214	37.713	444.911	643.192	0.341	1.547	2.833	0.522	2.453	1.760	0.639	3.038	1.422
7215	31.832	461.019	625.364	0.351	1.628	2.797	0.529	2.508	1.781	0.647	3.056	1.549
7216	31.692	496.800	673.569	0.350	1.613	2.761	0.528	2.497	1.752	0.645	3.054	1.493

7217	32.074	485.133	677.996	0.352	1.607	2.789	0.529	2.491	1.763	0.646	3.055	1.498
7218	40.012	442.089	612.215	0.331	1.532	2.771	0.515	2.442	1.700	0.635	3.018	1.435
7219	31.235	444.038	653.803	0.353	1.638	2.797	0.531	2.515	1.791	0.649	3.065	1.554
7220	38.268	487.454	646.315	0.332	1.539	2.719	0.515	2.448	1.665	0.634	3.017	1.415
7221	41.285	473.882	700.278	0.322	1.509	2.622	0.509	2.429	1.596	0.630	3.002	1.366
7222	28.863	458.314	643.436	0.615	1.586	4.447	0.629	2.482	2.521	0.657	3.082	1.621
7223	34.733	476.700	671.691	0.343	1.576	2.771	0.523	2.470	1.737	0.647	3.038	1.526
7224	33.795	521.647	731.115	0.369	1.559	2.988	0.522	2.478	1.653	0.640	3.039	1.425
7225	45.184	448.062	678.817	0.319	1.481	2.658	0.508	2.418	1.590	0.629	2.997	1.348
7226	35.133	474.382	658.339	0.340	1.576	2.725	0.521	2.469	1.712	0.641	3.042	1.450
7227	37.300	458.070	645.336	0.334	1.555	2.727	0.520	2.471	1.671	0.637	3.024	1.446
7228	35.354	450.163	645.087	0.442	1.526	3.656	0.521	2.473	1.718	0.641	3.038	1.479
7229	33.768	507.843	658.986	0.342	1.586	2.712	0.522	2.479	1.698	0.643	3.055	1.437
7230	33.256	483.376	674.588	0.346	1.596	2.742	0.525	2.483	1.733	0.645	3.059	1.465
7231	43.394	526.432	674.835	0.318	1.485	2.587	0.507	2.417	1.554	0.627	2.992	1.326
7232	47.213	464.970	694.029	0.314	1.460	2.643	0.504	2.403	1.553	0.625	2.988	1.316
7233	38.634	465.058	624.789	0.334	1.540	2.766	0.517	2.448	1.705	0.636	3.021	1.430
7234	29.003	479.247	658.328	0.576	1.586	4.239	0.536	2.530	1.821	0.672	3.078	1.729
7235	32.613	475.767	663.674	0.352	1.602	2.828	0.529	2.485	1.790	0.645	3.053	1.496
7236	34.560	447.982	634.198	0.345	1.589	2.801	0.525	2.479	1.764	0.643	3.042	1.501
7237	26.866	483.978	609.008	0.803	1.595	5.081	0.625	2.506	2.533	0.761	3.056	2.270
7238	39.000	495.505	684.273	0.331	1.523	2.733	0.515	2.440	1.670	0.633	3.024	1.361
7239	33.926	473.695	653.792	0.345	1.591	2.749	0.524	2.482	1.729	0.643	3.040	1.492
7240	27.909	470.817	634.898	0.726	1.590	4.792	0.626	2.501	2.501	0.701	3.070	1.954
7241	39.738	441.540	696.045	0.330	1.525	2.751	0.514	2.438	1.681	0.632	3.012	1.399
7242	38.301	439.494	626.386	0.333	1.553	2.723	0.516	2.455	1.691	0.637	3.024	1.452
7243	33.860	475.388	619.585	0.343	1.599	2.762	0.523	2.485	1.744	0.642	3.043	1.502
7244	23.436	460.386	637.334	1.610	1.622	7.009	0.972	2.515	3.729	0.974	3.083	2.999
7245	40.251	474.548	697.221	0.332	1.509	2.787	0.516	2.429	1.695	0.631	3.013	1.365
7246	28.926	515.712	649.698	0.370	1.644	2.932	0.575	2.496	2.165	0.709	3.054	1.949
7247	26.993	521.192	675.168	0.587	1.610	4.210	0.681	2.486	2.672	0.723	3.066	2.025
7248	31.487	487.987	671.170	0.361	1.609	2.902	0.536	2.493	1.843	0.647	3.056	1.513
7249	23.716	487.037	662.677	1.004	1.632	5.668	0.898	2.526	3.384	0.957	3.076	2.889
7250	25.500	450.849	699.353	0.990	1.610	5.530	0.698	2.531	2.770	0.946	3.065	2.804
7251	39.335	485.207	585.904	0.336	1.528	2.841	0.518	2.441	1.741	0.635	3.025	1.413
7252	33.891	434.200	726.618	0.454	1.543	3.664	0.602	2.468	2.238	0.696	3.030	1.855
7253	34.010	466.956	640.061	0.347	1.592	2.780	0.525	2.481	1.743	0.644	3.041	1.504
7254	33.205	459.682	632.627	0.348	1.606	2.800	0.527	2.491	1.773	0.645	3.053	1.514
7255	32.319	451.425	663.978	0.388	1.579	3.278	0.528	2.495	1.785	0.647	3.059	1.517
7256	39.518	461.223	673.949	0.329	1.528	2.697	0.513	2.443	1.645	0.634	3.018	1.393
7257	43.092	463.980	620.096	0.322	1.501	2.703	0.511	2.435	1.619	0.630	3.004	1.384
7258	38.260	491.280	636.600	0.330	1.540	2.705	0.515	2.451	1.657	0.634	3.020	1.413
7259	45.381	504.273	688.611	0.313	1.472	2.573	0.506	2.417	1.534	0.625	2.989	1.311
7260	39.847	450.760	611.917	0.331	1.534	2.751	0.516	2.445	1.694	0.635	3.016	1.436

7261	29.406	425.090	717.166	0.548	1.587	4.162	0.574	2.496	2.206	0.713	3.070	1.963
7262	40.265	451.522	627.741	0.331	1.526	2.757	0.514	2.439	1.683	0.635	3.020	1.407
7263	26.707	453.219	697.747	0.660	1.613	4.613	0.680	2.498	2.734	0.757	3.077	2.194
7264	36.170	488.347	618.073	0.344	1.558	2.838	0.523	2.461	1.758	0.641	3.045	1.436
7265	32.762	445.358	638.268	0.379	1.581	3.222	0.527	2.493	1.789	0.646	3.054	1.529
7266	35.543	517.695	687.360	0.335	1.563	2.657	0.519	2.465	1.655	0.637	3.030	1.412
7267	33.708	468.733	677.175	0.346	1.593	2.731	0.525	2.483	1.725	0.644	3.047	1.483
7268	23.848	448.477	701.117	0.941	1.652	5.451	0.925	2.523	3.486	1.458	3.062	3.965
7269	29.548	497.744	597.840	0.455	1.594	3.751	0.550	2.509	2.006	0.658	3.069	1.643
7270	33.905	470.889	640.004	0.346	1.589	2.820	0.525	2.477	1.779	0.642	3.046	1.487
7271	38.485	490.961	686.571	0.329	1.533	2.659	0.514	2.447	1.623	0.634	3.023	1.381
7272	37.242	491.255	665.448	0.333	1.549	2.668	0.517	2.456	1.648	0.636	3.021	1.420
7273	30.341	440.439	616.159	0.438	1.593	3.712	0.536	2.521	1.872	0.653	3.071	1.611
7274	45.086	488.083	715.910	0.314	1.472	2.612	0.507	2.421	1.545	0.625	2.991	1.309
7275	36.614	489.011	735.100	0.337	1.553	2.658	0.519	2.460	1.640	0.639	3.040	1.384
7276	36.668	494.727	606.947	0.338	1.560	2.734	0.520	2.463	1.688	0.640	3.029	1.460
7277	41.801	486.950	638.942	0.321	1.507	2.674	0.509	2.430	1.621	0.630	3.004	1.374
7278	40.994	465.881	622.908	0.326	1.519	2.715	0.512	2.437	1.650	0.631	3.006	1.409
7279	21.144	440.842	662.339	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7280	48.384	475.580	639.579	0.320	1.443	2.832	0.508	2.393	1.662	0.624	2.981	1.325
7281	37.595	432.350	712.293	0.337	1.548	2.780	0.519	2.452	1.716	0.636	3.028	1.423
7282	48.299	515.611	618.410	0.310	1.454	2.610	0.502	2.395	1.548	0.623	2.977	1.314
7283	27.744	440.956	654.633	0.660	1.600	4.684	0.680	2.498	2.743	0.754	3.073	2.197
7284	62.415	470.758	662.029	0.288	1.356	2.570	0.489	2.345	1.445	0.611	2.934	1.209
7285	33.944	500.618	665.964	0.340	1.592	2.621	0.523	2.480	1.695	0.642	3.040	1.460
7286	34.553	504.356	640.153	0.341	1.579	2.720	0.522	2.474	1.708	0.643	3.054	1.438
7287	58.473	456.361	672.200	0.298	1.387	2.685	0.495	2.362	1.534	0.616	2.954	1.267
7288	34.061	431.310	670.133	0.380	1.562	3.225	0.548	2.464	2.007	0.655	3.042	1.613
7289	33.071	494.682	708.388	0.345	1.599	2.693	0.525	2.485	1.708	0.643	3.047	1.464
7290	31.322	456.699	713.174	0.450	1.574	3.623	0.534	2.506	1.787	0.652	3.077	1.503
7291	31.497	555.190	629.581	0.353	1.607	2.766	0.529	2.492	1.744	0.647	3.057	1.489
7292	45.894	486.118	616.773	0.317	1.471	2.712	0.507	2.411	1.609	0.626	2.987	1.353
7293	37.471	480.907	685.890	0.332	1.544	2.692	0.516	2.454	1.655	0.635	3.024	1.402
7294	34.885	468.988	667.327	0.342	1.579	2.728	0.522	2.473	1.705	0.642	3.040	1.463
7295	42.735	463.143	682.187	0.321	1.498	2.657	0.509	2.425	1.597	0.630	3.006	1.352
7296	38.725	464.022	642.756	0.359	1.514	3.081	0.515	2.451	1.657	0.635	3.021	1.421
7297	32.422	418.533	682.073	0.351	1.625	2.789	0.528	2.500	1.785	0.647	3.059	1.539
7298	43.892	486.826	691.983	0.318	1.483	2.630	0.508	2.429	1.548	0.627	2.994	1.328
7299	26.959	455.596	653.660	1.004	1.589	5.528	0.690	2.504	2.777	0.664	3.103	1.674
7300	42.250	461.259	642.868	0.326	1.501	2.768	0.512	2.424	1.676	0.629	3.000	1.386
7301	40.546	496.519	637.055	0.324	1.519	2.657	0.512	2.443	1.613	0.632	3.017	1.375
7302	30.970	499.579	682.860	0.491	1.565	3.801	0.529	2.503	1.748	0.647	3.062	1.504
7303	36.122	483.248	657.341	0.339	1.560	2.742	0.520	2.460	1.706	0.639	3.031	1.441
7304	34.906	428.193	670.046	0.343	1.588	2.766	0.523	2.476	1.744	0.643	3.049	1.477

7305	38.623	477.001	661.504	0.329	1.537	2.685	0.514	2.449	1.640	0.634	3.016	1.408
7306	31.290	490.449	680.493	0.351	1.622	2.741	0.529	2.501	1.743	0.648	3.060	1.513
7307	44.151	459.430	630.110	0.321	1.490	2.712	0.508	2.416	1.633	0.629	2.998	1.370
7308	30.858	453.145	594.873	0.357	1.645	2.880	0.533	2.516	1.855	0.650	3.068	1.589
7309	41.374	422.327	670.157	0.324	1.516	2.756	0.511	2.434	1.677	0.630	3.006	1.411
7310	41.651	472.716	629.646	0.322	1.513	2.665	0.510	2.431	1.630	0.631	3.009	1.382
7311	32.512	456.905	664.643	0.349	1.614	2.772	0.527	2.494	1.770	0.646	3.057	1.508
7312	34.904	470.109	685.820	0.341	1.576	2.734	0.522	2.473	1.705	0.640	3.036	1.456
7313	48.534	445.484	696.449	0.311	1.455	2.630	0.504	2.406	1.545	0.624	2.981	1.317
7314	33.960	497.206	683.157	0.346	1.582	2.750	0.525	2.477	1.725	0.642	3.044	1.449
7315	35.738	474.949	666.620	0.340	1.567	2.726	0.520	2.465	1.695	0.639	3.031	1.450
7316	37.764	453.190	664.353	0.333	1.549	2.703	0.516	2.455	1.670	0.636	3.022	1.429
7317	38.148	463.119	680.637	0.331	1.543	2.671	0.515	2.453	1.643	0.635	3.021	1.411
7318	54.925	476.787	600.767	0.303	1.411	2.695	0.498	2.368	1.578	0.619	2.964	1.290
7319	34.874	470.078	633.363	0.355	1.564	3.000	0.532	2.471	1.853	0.642	3.035	1.512
7320	31.142	438.074	615.365	0.461	1.577	3.843	0.534	2.512	1.860	0.650	3.062	1.592
7321	28.081	484.955	688.055	0.590	1.600	4.254	0.607	2.501	2.365	0.760	3.048	2.196
7322	37.316	453.625	628.271	0.340	1.553	2.822	0.521	2.458	1.745	0.638	3.029	1.454
7323	46.600	500.396	690.518	0.310	1.463	2.570	0.504	2.410	1.532	0.624	2.984	1.300
7324	41.332	455.448	639.920	0.328	1.514	2.731	0.515	2.443	1.648	0.633	3.013	1.388
7325	29.995	416.601	673.670	0.464	1.594	3.849	0.537	2.529	1.854	0.653	3.077	1.600
7326	45.913	436.932	643.260	0.316	1.477	2.721	0.506	2.410	1.628	0.626	2.986	1.370
7327	41.491	491.843	646.359	0.322	1.507	2.675	0.512	2.444	1.597	0.629	3.002	1.372
7328	31.019	485.986	709.227	0.460	1.574	3.645	0.531	2.508	1.755	0.648	3.062	1.504
7329	43.504	482.772	644.365	0.321	1.492	2.673	0.509	2.418	1.615	0.629	2.999	1.362
7330	34.816	473.664	737.166	0.340	1.576	2.675	0.520	2.470	1.676	0.640	3.040	1.430
7331	36.806	471.391	677.192	0.337	1.555	2.690	0.518	2.459	1.664	0.638	3.025	1.434
7332	52.603	478.216	614.532	0.304	1.429	2.625	0.498	2.380	1.549	0.620	2.964	1.307
7333	34.301	491.515	710.504	0.349	1.569	2.832	0.529	2.477	1.758	0.640	3.042	1.432
7334	37.600	504.836	701.065	0.333	1.541	2.633	0.516	2.451	1.618	0.637	3.030	1.377
7335	40.616	424.749	699.883	0.328	1.523	2.687	0.513	2.437	1.646	0.633	3.007	1.411
7336	37.958	491.448	621.759	0.331	1.546	2.692	0.515	2.453	1.658	0.637	3.028	1.416
7337	36.084	442.157	666.134	0.337	1.570	2.733	0.519	2.467	1.704	0.639	3.034	1.458
7338	44.714	459.451	616.084	0.317	1.489	2.687	0.508	2.422	1.617	0.628	2.995	1.374
7339	39.694	458.812	731.545	0.326	1.525	2.665	0.512	2.439	1.629	0.632	3.014	1.375
7340	33.079	494.190	685.213	0.346	1.597	2.697	0.525	2.485	1.704	0.644	3.045	1.480
7341	43.950	417.531	706.208	0.321	1.492	2.691	0.509	2.421	1.618	0.629	3.001	1.365
7342	37.550	517.295	667.724	0.337	1.536	2.741	0.515	2.452	1.626	0.637	3.031	1.382
7343	30.184	454.262	644.897	0.489	1.583	3.919	0.536	2.518	1.843	0.652	3.067	1.588
7344	39.618	445.123	660.029	0.330	1.531	2.737	0.515	2.444	1.683	0.633	3.013	1.416
7345	33.505	511.359	664.051	0.345	1.588	2.724	0.525	2.481	1.712	0.643	3.045	1.462
7346	46.248	487.629	658.252	0.314	1.469	2.621	0.506	2.417	1.553	0.626	2.988	1.326
7347	31.363	467.672	653.436	0.379	1.603	3.133	0.550	2.485	2.010	0.648	3.063	1.532
7348	36.772	475.981	683.962	0.336	1.552	2.715	0.518	2.459	1.670	0.636	3.025	1.420

7349	49.091	453.166	708.165	0.309	1.450	2.599	0.501	2.394	1.541	0.622	2.974	1.310
7350	34.307	457.640	622.336	0.349	1.587	2.853	0.528	2.475	1.808	0.643	3.044	1.499
7351	26.096	475.097	666.021	1.021	1.599	5.545	0.716	2.507	2.862	0.766	3.067	2.269
7352	33.603	439.669	634.322	0.355	1.593	2.944	0.533	2.487	1.853	0.644	3.049	1.520
7353	36.044	484.937	657.362	0.336	1.563	2.712	0.518	2.465	1.682	0.638	3.034	1.434
7354	35.611	481.406	635.425	0.339	1.571	2.736	0.520	2.468	1.704	0.641	3.046	1.443
7355	32.693	440.223	689.163	0.378	1.585	3.159	0.528	2.498	1.762	0.646	3.055	1.513
7356	42.877	452.126	703.307	0.320	1.497	2.642	0.508	2.421	1.604	0.629	2.999	1.359
7357	35.187	473.935	651.993	0.341	1.577	2.728	0.521	2.469	1.712	0.641	3.038	1.465
7358	34.603	476.569	676.717	0.374	1.550	3.142	0.522	2.475	1.705	0.643	3.055	1.433
7359	40.499	473.464	670.205	0.326	1.518	2.661	0.512	2.437	1.621	0.632	3.011	1.380
7360	45.031	483.171	674.522	0.315	1.478	2.606	0.505	2.409	1.569	0.626	2.987	1.336
7361	42.780	449.841	694.541	0.322	1.499	2.662	0.510	2.431	1.599	0.630	3.007	1.352
7362	31.262	473.047	602.873	0.357	1.634	2.847	0.532	2.507	1.822	0.652	3.073	1.554
7363	28.998	489.088	653.283	0.511	1.592	3.972	0.571	2.514	2.123	0.675	3.060	1.780
7364	35.870	463.367	693.989	0.341	1.565	2.760	0.523	2.465	1.725	0.639	3.034	1.437
7365	39.337	442.719	713.317	0.329	1.532	2.670	0.514	2.443	1.637	0.634	3.013	1.403
7366	48.432	482.322	687.916	0.309	1.452	2.565	0.501	2.395	1.528	0.622	2.974	1.302
7367	37.303	497.872	608.967	0.338	1.547	2.792	0.520	2.454	1.721	0.637	3.027	1.430
7368	25.703	456.581	599.817	0.842	1.613	5.357	0.666	2.531	2.739	0.767	3.078	2.323
7369	47.903	478.253	660.952	0.312	1.452	2.708	0.504	2.400	1.595	0.623	2.983	1.313
7370	47.863	477.202	618.283	0.314	1.456	2.720	0.504	2.399	1.606	0.624	2.979	1.340
7371	32.772	483.256	656.924	0.350	1.601	2.818	0.528	2.487	1.782	0.644	3.052	1.488
7372	43.492	460.954	611.086	0.321	1.498	2.719	0.509	2.424	1.641	0.629	3.000	1.387
7373	36.157	471.181	654.864	0.335	1.564	2.722	0.518	2.464	1.689	0.638	3.033	1.441
7374	31.914	458.672	630.643	0.353	1.624	2.822	0.530	2.503	1.795	0.648	3.062	1.541
7375	39.279	481.595	643.215	0.328	1.530	2.705	0.514	2.444	1.661	0.634	3.021	1.398
7376	53.703	454.758	675.971	0.302	1.420	2.631	0.498	2.376	1.543	0.619	2.963	1.289
7377	38.327	474.245	612.702	0.344	1.532	2.922	0.523	2.443	1.795	0.636	3.019	1.445
7378	48.055	465.155	630.242	0.310	1.459	2.670	0.502	2.400	1.591	0.623	2.978	1.342
7379	38.756	499.190	724.910	0.384	1.492	3.216	0.514	2.440	1.626	0.633	3.023	1.347
7380	32.688	459.583	647.409	0.351	1.610	2.782	0.529	2.494	1.773	0.648	3.057	1.525
7381	31.118	471.532	709.465	0.495	1.565	3.833	0.632	2.470	2.410	0.715	3.036	1.961
7382	38.180	434.156	675.183	0.336	1.544	2.756	0.518	2.451	1.699	0.637	3.022	1.437
7383	32.014	511.407	647.579	0.370	1.589	3.036	0.527	2.495	1.728	0.645	3.051	1.499
7384	42.091	509.796	642.188	0.322	1.499	2.663	0.509	2.425	1.607	0.629	2.998	1.361
7385	30.453	470.533	710.331	0.428	1.588	3.488	0.533	2.515	1.777	0.667	3.054	1.698
7386	36.221	443.382	617.547	0.343	1.571	2.815	0.523	2.466	1.766	0.642	3.044	1.476
7387	23.187	483.460	673.412	4.039	1.618	9.716	1.102	2.503	3.936	1.012	3.083	3.034
7388	37.035	465.714	674.616	0.345	1.544	2.859	0.525	2.453	1.773	0.637	3.025	1.438
7389	33.264	519.638	647.679	0.344	1.592	2.715	0.523	2.481	1.706	0.643	3.047	1.469
7390	45.145	495.954	606.825	0.317	1.478	2.685	0.507	2.416	1.600	0.628	3.000	1.342
7391	39.938	478.212	655.996	0.327	1.522	2.704	0.512	2.438	1.644	0.632	3.012	1.390
7392	32.183	489.057	611.412	0.350	1.618	2.779	0.528	2.499	1.770	0.647	3.060	1.523

7393	45.600	458.719	600.140	0.316	1.480	2.737	0.506	2.409	1.647	0.627	2.994	1.375
7394	42.881	456.655	590.296	0.321	1.505	2.766	0.510	2.429	1.672	0.630	3.005	1.402
7395	33.562	499.544	665.648	0.350	1.579	2.876	0.542	2.462	1.942	0.652	3.045	1.557
7396	37.660	463.026	714.646	0.334	1.546	2.685	0.517	2.455	1.649	0.636	3.024	1.409
7397	39.898	469.553	643.356	0.328	1.527	2.678	0.513	2.440	1.637	0.635	3.018	1.401
7398	37.211	467.380	668.134	0.333	1.553	2.699	0.517	2.459	1.661	0.637	3.027	1.424
7399	47.413	458.864	696.532	0.311	1.462	2.596	0.503	2.400	1.556	0.624	2.984	1.313
7400	40.842	483.857	624.146	0.328	1.516	2.723	0.515	2.445	1.647	0.633	3.015	1.386
7401	49.926	441.395	646.580	0.309	1.447	2.695	0.501	2.391	1.593	0.622	2.972	1.336
7402	41.041	502.526	631.895	0.326	1.508	2.724	0.512	2.427	1.658	0.630	3.006	1.368
7403	42.527	480.221	654.236	0.320	1.500	2.649	0.509	2.430	1.597	0.630	3.006	1.352
7404	30.392	487.107	652.309	0.504	1.575	3.923	0.533	2.512	1.804	0.650	3.068	1.546
7405	41.901	536.783	678.623	0.366	1.467	3.107	0.509	2.424	1.579	0.629	3.001	1.332
7406	41.885	444.603	678.840	0.324	1.510	2.669	0.511	2.430	1.622	0.631	3.006	1.380
7407	64.831	486.314	635.882	0.288	1.341	2.613	0.488	2.336	1.447	0.609	2.925	1.204
7408	65.526	470.235	720.472	0.288	1.330	2.584	0.486	2.331	1.396	0.609	2.929	1.161
7409	39.816	478.733	670.720	0.325	1.529	2.574	0.513	2.447	1.599	0.634	3.018	1.378
7410	30.162	449.433	718.678	0.506	1.581	3.916	0.534	2.517	1.797	0.651	3.069	1.550
7411	38.910	429.804	635.844	0.335	1.541	2.783	0.518	2.451	1.715	0.637	3.028	1.434
7412	26.214	470.507	675.808	0.710	1.613	4.782	0.694	2.504	2.791	0.764	3.070	2.245
7413	32.004	439.247	633.615	0.363	1.614	2.990	0.536	2.489	1.912	0.648	3.061	1.550
7414	39.385	473.575	671.561	0.327	1.527	2.688	0.513	2.443	1.640	0.632	3.011	1.395
7415	25.848	482.581	677.742	0.937	1.602	5.351	0.678	2.499	2.757	0.894	3.067	2.619
7416	40.259	446.149	689.551	0.333	1.516	2.790	0.516	2.433	1.696	0.632	3.009	1.392
7417	36.717	475.650	646.055	0.335	1.561	2.691	0.517	2.460	1.674	0.638	3.027	1.442
7418	29.587	423.138	683.625	0.657	1.573	4.588	0.539	2.539	1.846	0.655	3.076	1.610
7419	33.362	487.588	633.852	0.348	1.594	2.805	0.526	2.482	1.770	0.643	3.044	1.494
7420	29.187	460.694	701.928	0.513	1.593	3.967	0.558	2.503	2.065	0.653	3.077	1.570
7421	52.427	474.610	679.332	0.305	1.425	2.604	0.500	2.390	1.511	0.620	2.966	1.282
7422	38.591	462.529	642.845	0.341	1.531	2.860	0.522	2.443	1.766	0.635	3.022	1.421
7423	24.807	461.968	651.521	1.031	1.620	5.715	0.897	2.514	3.390	0.928	3.079	2.766
7424	29.364	505.752	631.753	0.553	1.581	4.131	0.544	2.518	1.914	0.652	3.069	1.578
7425	29.350	456.791	667.775	0.493	1.596	3.927	0.640	2.477	2.541	0.664	3.086	1.652
7426	43.479	514.623	631.219	0.320	1.486	2.683	0.507	2.416	1.606	0.628	2.997	1.348
7427	31.057	491.175	707.355	0.483	1.570	3.750	0.531	2.507	1.752	0.648	3.065	1.499
7428	28.293	424.548	662.183	0.628	1.597	4.563	0.594	2.504	2.360	0.705	3.064	1.998
7429	27.928	445.323	635.097	0.591	1.604	4.453	0.647	2.495	2.636	0.747	3.053	2.214
7430	58.778	466.747	647.767	0.296	1.386	2.694	0.494	2.357	1.548	0.616	2.950	1.273
7431	35.189	469.059	698.739	0.368	1.548	3.081	0.541	2.455	1.915	0.648	3.028	1.548
7432	44.701	456.785	596.755	0.319	1.491	2.712	0.507	2.417	1.632	0.630	3.001	1.381
7433	32.672	471.555	665.233	0.347	1.604	2.788	0.526	2.491	1.757	0.643	3.050	1.493
7434	46.923	493.142	688.749	0.312	1.459	2.602	0.505	2.410	1.532	0.623	2.980	1.303
7435	37.954	469.611	621.996	0.337	1.546	2.778	0.519	2.449	1.721	0.637	3.024	1.438
7436	29.872	486.863	636.718	0.489	1.583	3.894	0.533	2.521	1.802	0.650	3.068	1.565

7437	26.890	501.979	658.754	0.685	1.607	4.578	0.865	2.492	3.144	0.749	3.056	2.172
7438	29.255	457.866	653.726	0.531	1.590	4.115	0.547	2.530	1.935	0.723	3.051	2.045
7439	53.411	504.424	684.760	0.304	1.413	2.616	0.497	2.374	1.511	0.618	2.964	1.248
7440	37.090	473.627	673.376	0.348	1.537	2.897	0.527	2.456	1.766	0.639	3.033	1.423
7441	36.642	466.660	664.397	0.335	1.560	2.697	0.518	2.461	1.680	0.639	3.032	1.436
7442	19.054	471.519	691.634	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7443	37.426	466.001	617.475	0.362	1.528	3.127	0.536	2.456	1.880	0.647	3.030	1.532
7444	40.518	444.596	684.199	0.328	1.517	2.750	0.512	2.439	1.636	0.631	3.008	1.394
7445	40.358	494.595	671.196	0.324	1.518	2.617	0.511	2.435	1.603	0.633	3.019	1.357
7446	50.030	456.406	661.442	0.308	1.445	2.621	0.500	2.388	1.554	0.623	2.979	1.310
7447	35.131	468.707	599.836	0.347	1.576	2.885	0.525	2.466	1.806	0.640	3.040	1.483
7448	41.427	491.336	619.925	0.323	1.511	2.703	0.511	2.440	1.623	0.630	3.009	1.378
7449	36.666	427.311	675.330	0.337	1.565	2.752	0.519	2.465	1.714	0.638	3.032	1.460
7450	34.152	463.660	630.090	0.344	1.595	2.758	0.524	2.484	1.740	0.643	3.044	1.499
7451	36.148	475.871	681.646	0.335	1.561	2.696	0.518	2.461	1.677	0.637	3.029	1.428
7452	42.582	441.573	640.047	0.323	1.507	2.701	0.512	2.439	1.623	0.631	3.005	1.391
7453	42.825	464.140	620.863	0.320	1.504	2.686	0.510	2.437	1.622	0.630	3.004	1.383
7454	46.113	478.022	637.275	0.315	1.471	2.694	0.504	2.408	1.593	0.625	2.985	1.346
7455	41.819	482.190	647.067	0.322	1.506	2.678	0.509	2.427	1.625	0.630	3.004	1.368
7456	36.225	441.026	660.502	0.338	1.568	2.750	0.520	2.466	1.712	0.639	3.034	1.460
7457	37.428	483.594	687.119	0.331	1.546	2.656	0.515	2.455	1.634	0.636	3.024	1.404
7458	49.516	462.962	673.768	0.308	1.448	2.608	0.501	2.392	1.547	0.623	2.978	1.306
7459	41.355	494.175	624.348	0.327	1.509	2.732	0.514	2.441	1.639	0.631	3.011	1.370
7460	27.037	498.385	618.940	0.598	1.613	4.395	0.647	2.502	2.599	0.719	3.068	2.057
7461	23.087	446.213	711.376	2.238	1.623	7.806	0.954	2.524	3.620	1.013	3.078	3.063
7462	27.023	487.224	684.643	0.773	1.598	4.833	0.650	2.506	2.560	0.785	3.057	2.291
7463	32.188	480.503	679.769	0.431	1.561	3.524	0.533	2.486	1.827	0.645	3.051	1.496
7464	36.650	489.823	689.178	0.336	1.553	2.691	0.518	2.457	1.661	0.637	3.028	1.416
7465	36.647	469.420	623.839	0.338	1.563	2.744	0.519	2.463	1.705	0.639	3.031	1.462
7466	40.181	464.663	630.126	0.326	1.526	2.710	0.512	2.438	1.662	0.632	3.012	1.411
7467	31.434	453.055	638.589	0.354	1.632	2.820	0.531	2.508	1.802	0.649	3.066	1.543
7468	44.333	479.603	668.058	0.317	1.483	2.659	0.508	2.425	1.582	0.627	2.996	1.341
7469	29.086	467.685	636.191	0.477	1.598	3.870	0.541	2.531	1.876	0.709	3.051	1.990
7470	39.440	428.453	621.368	0.333	1.535	2.825	0.516	2.445	1.733	0.635	3.018	1.447
7471	42.341	451.346	633.006	0.321	1.509	2.695	0.511	2.439	1.636	0.630	3.006	1.388
7472	38.166	463.265	687.578	0.330	1.543	2.672	0.514	2.450	1.648	0.634	3.019	1.407
7473	32.918	477.483	644.334	0.347	1.605	2.752	0.526	2.490	1.742	0.647	3.063	1.489
7474	30.964	433.395	676.985	0.506	1.573	3.980	0.534	2.513	1.827	0.652	3.077	1.546
7475	31.807	431.225	631.606	0.358	1.628	2.909	0.533	2.504	1.858	0.649	3.063	1.569
7476	29.667	507.103	687.521	0.445	1.588	3.588	0.592	2.483	2.246	0.695	3.066	1.831
7477	30.732	447.015	737.424	0.363	1.629	2.852	0.539	2.517	1.812	0.651	3.067	1.532
7478	32.464	458.186	630.888	0.356	1.613	2.858	0.532	2.493	1.825	0.648	3.055	1.544
7479	28.991	464.548	662.799	0.606	1.585	4.374	0.636	2.489	2.512	0.696	3.061	1.913
7480	39.125	486.029	659.062	0.331	1.527	2.727	0.515	2.441	1.665	0.633	3.016	1.396

7481	33.426	454.908	617.994	0.348	1.606	2.800	0.526	2.488	1.775	0.646	3.053	1.521
7482	42.118	483.513	649.498	0.321	1.502	2.674	0.508	2.425	1.615	0.628	3.000	1.369
7483	27.410	523.359	671.516	0.561	1.606	4.112	0.612	2.499	2.371	0.656	3.086	1.578
7484	43.176	505.428	687.356	0.324	1.484	2.683	0.511	2.423	1.595	0.628	2.996	1.331
7485	21.225	473.375	709.773	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7486	28.384	462.140	714.152	0.967	1.568	5.225	0.650	2.494	2.535	0.726	3.064	2.026
7487	31.277	442.754	636.839	0.372	1.622	3.063	0.539	2.505	1.900	0.652	3.067	1.577
7488	28.199	479.856	651.769	0.698	1.587	4.636	0.603	2.499	2.368	0.699	3.060	1.935
7489	36.904	473.135	679.297	0.338	1.549	2.755	0.519	2.454	1.705	0.637	3.029	1.418
7490	37.039	476.663	654.198	0.335	1.554	2.700	0.518	2.458	1.672	0.637	3.024	1.435
7491	33.255	498.403	638.531	0.345	1.598	2.730	0.524	2.483	1.726	0.644	3.047	1.487
7492	44.669	448.081	693.284	0.318	1.483	2.668	0.506	2.413	1.598	0.627	2.990	1.356
7493	41.582	425.254	643.595	0.326	1.517	2.731	0.512	2.436	1.659	0.633	3.013	1.401
7494	28.730	489.465	662.861	0.492	1.598	3.883	0.610	2.497	2.361	0.727	3.050	2.050
7495	30.602	431.402	699.183	0.460	1.584	3.752	0.538	2.509	1.884	0.653	3.079	1.550
7496	23.813	464.511	677.016	1.791	1.612	7.174	1.238	2.514	4.109	0.969	3.082	2.933
7497	26.675	445.677	656.436	1.042	1.593	5.654	0.689	2.510	2.783	0.772	3.061	2.318
7498	34.687	468.713	640.550	0.346	1.577	2.849	0.525	2.470	1.788	0.640	3.039	1.474
7499	36.439	484.252	675.562	0.334	1.559	2.681	0.517	2.461	1.663	0.637	3.031	1.421
7500	33.162	462.163	662.295	0.348	1.602	2.770	0.540	2.474	1.914	0.645	3.050	1.504
7501	38.469	486.850	652.959	0.331	1.538	2.688	0.515	2.449	1.651	0.635	3.023	1.399
7502	31.655	512.241	601.842	0.351	1.621	2.774	0.529	2.499	1.771	0.647	3.058	1.526
7503	41.110	514.238	665.014	0.323	1.506	2.655	0.509	2.427	1.611	0.629	3.002	1.358
7504	51.088	449.692	665.682	0.306	1.438	2.631	0.499	2.386	1.554	0.621	2.967	1.317
7505	39.699	497.343	659.425	0.331	1.518	2.736	0.515	2.436	1.670	0.632	3.015	1.367
7506	34.513	531.453	687.956	0.339	1.574	2.642	0.520	2.470	1.655	0.639	3.034	1.423
7507	31.646	421.823	615.536	0.360	1.634	2.915	0.535	2.506	1.880	0.651	3.059	1.601
7508	35.206	456.207	681.362	0.338	1.575	2.740	0.520	2.469	1.718	0.639	3.039	1.452
7509	30.550	459.204	627.265	0.360	1.647	2.856	0.535	2.517	1.840	0.652	3.069	1.586
7510	27.028	452.250	681.016	1.010	1.588	5.474	0.676	2.510	2.680	0.754	3.064	2.206
7511	39.416	479.536	648.349	0.332	1.526	2.752	0.516	2.440	1.686	0.634	3.020	1.389
7512	28.612	490.966	655.500	0.491	1.601	3.885	0.613	2.494	2.390	0.741	3.051	2.115
7513	43.105	493.983	681.292	0.346	1.468	2.982	0.508	2.419	1.597	0.628	2.997	1.341
7514	32.541	454.631	689.801	0.351	1.612	2.768	0.529	2.495	1.756	0.646	3.053	1.508
7515	44.733	465.900	702.159	0.317	1.478	2.634	0.506	2.410	1.577	0.626	2.988	1.337
7516	31.978	449.469	696.428	0.354	1.620	2.784	0.531	2.501	1.775	0.647	3.055	1.522
7517	49.431	459.686	665.867	0.310	1.447	2.645	0.501	2.393	1.554	0.623	2.980	1.310
7518	37.138	474.937	713.244	0.334	1.549	2.651	0.517	2.457	1.636	0.637	3.028	1.402
7519	36.692	452.440	672.141	0.338	1.561	2.714	0.519	2.461	1.684	0.639	3.030	1.449
7520	35.361	474.035	649.158	0.370	1.545	3.140	0.520	2.468	1.705	0.641	3.045	1.443
7521	27.919	454.981	687.439	0.614	1.601	4.401	0.677	2.495	2.674	0.770	3.052	2.251
7522	43.866	466.447	733.512	0.320	1.482	2.653	0.508	2.413	1.599	0.627	2.995	1.332
7523	44.313	453.553	643.969	0.320	1.491	2.666	0.508	2.420	1.605	0.629	2.995	1.374
7524	36.960	410.198	677.115	0.337	1.565	2.764	0.519	2.462	1.722	0.638	3.032	1.465

7525	34.888	423.747	616.391	0.344	1.596	2.801	0.523	2.481	1.770	0.643	3.042	1.524
7526	34.326	448.984	650.909	0.341	1.590	2.765	0.523	2.487	1.729	0.641	3.044	1.488
7527	27.550	502.128	643.006	0.571	1.605	4.238	0.622	2.509	2.433	0.723	3.054	2.064
7528	34.597	494.104	680.946	0.346	1.569	2.803	0.525	2.467	1.748	0.640	3.041	1.435
7529	29.655	496.214	657.991	0.480	1.586	3.802	0.535	2.514	1.813	0.653	3.072	1.556
7530	35.072	460.079	632.170	0.345	1.576	2.837	0.524	2.468	1.769	0.641	3.038	1.484
7531	45.838	449.643	717.278	0.313	1.473	2.629	0.506	2.417	1.562	0.625	2.985	1.333
7532	30.875	477.180	697.027	0.360	1.627	2.823	0.534	2.503	1.805	0.652	3.079	1.504
7533	31.815	428.637	697.343	0.358	1.624	2.853	0.533	2.498	1.832	0.649	3.058	1.545
7534	31.563	438.461	671.199	0.357	1.631	2.830	0.533	2.503	1.820	0.649	3.060	1.552
7535	33.235	451.629	599.069	0.350	1.610	2.854	0.528	2.488	1.824	0.645	3.047	1.549
7536	36.698	474.150	695.537	0.333	1.554	2.692	0.516	2.457	1.667	0.635	3.025	1.415
7537	49.519	503.893	702.017	0.307	1.441	2.528	0.500	2.390	1.498	0.621	2.971	1.272
7538	29.010	489.023	742.074	0.529	1.589	3.928	0.545	2.514	1.884	0.661	3.071	1.615
7539	27.565	475.501	642.815	0.607	1.607	4.429	0.650	2.504	2.587	0.794	3.052	2.357
7540	28.425	488.859	625.876	0.581	1.594	4.300	0.625	2.494	2.476	0.696	3.070	1.905
7541	39.690	515.571	636.079	0.327	1.519	2.703	0.513	2.434	1.656	0.632	3.012	1.376
7542	43.516	478.899	682.285	0.320	1.487	2.674	0.509	2.433	1.561	0.627	2.993	1.346
7543	32.264	449.261	617.889	0.354	1.622	2.841	0.530	2.497	1.818	0.648	3.058	1.555
7544	27.110	439.516	681.336	0.935	1.588	5.369	0.678	2.496	2.751	0.735	3.071	2.132
7545	35.563	476.314	621.928	0.462	1.520	3.742	0.524	2.464	1.772	0.639	3.034	1.467
7546	35.075	475.709	632.587	0.340	1.579	2.751	0.520	2.471	1.719	0.640	3.039	1.471
7547	44.697	463.644	653.302	0.316	1.484	2.662	0.507	2.420	1.595	0.627	2.998	1.346
7548	36.359	470.629	654.918	0.336	1.562	2.722	0.518	2.460	1.695	0.637	3.028	1.444
7549	41.654	441.683	567.657	0.327	1.525	2.784	0.513	2.437	1.707	0.633	3.009	1.451
7550	35.145	455.499	654.059	0.337	1.579	2.744	0.519	2.471	1.722	0.638	3.036	1.465
7551	41.095	468.118	650.463	0.324	1.516	2.679	0.511	2.435	1.628	0.630	3.004	1.391
7552	43.051	490.849	696.622	0.323	1.485	2.698	0.509	2.432	1.550	0.627	2.997	1.331
7553	35.614	489.869	698.153	0.338	1.564	2.676	0.520	2.467	1.664	0.639	3.030	1.429
7554	35.613	475.221	638.526	0.340	1.572	2.735	0.521	2.466	1.707	0.641	3.040	1.458
7555	30.445	461.183	652.418	0.358	1.643	2.829	0.533	2.510	1.823	0.650	3.065	1.565
7556	46.408	464.046	651.674	0.315	1.469	2.695	0.504	2.404	1.606	0.625	2.985	1.346
7557	34.709	482.818	582.668	0.345	1.584	2.844	0.524	2.473	1.781	0.641	3.038	1.498
7558	39.293	457.700	635.076	0.328	1.535	2.729	0.513	2.445	1.675	0.633	3.019	1.419
7559	38.357	449.719	643.610	0.331	1.547	2.717	0.515	2.449	1.684	0.636	3.023	1.434
7560	29.561	495.286	654.126	0.379	1.625	3.092	0.534	2.528	1.778	0.651	3.070	1.556
7561	34.275	475.785	615.685	0.348	1.585	2.848	0.526	2.477	1.782	0.645	3.055	1.484
7562	32.121	486.489	655.200	0.348	1.612	2.762	0.527	2.495	1.757	0.644	3.052	1.504
7563	30.684	442.831	615.272	0.495	1.578	4.015	0.536	2.511	1.886	0.652	3.069	1.600
7564	31.499	461.913	671.749	0.413	1.577	3.462	0.597	2.466	2.304	0.647	3.062	1.522
7565	33.412	423.397	690.739	0.373	1.580	3.132	0.528	2.489	1.783	0.646	3.053	1.511
7566	26.803	450.220	651.778	0.820	1.593	5.191	0.687	2.508	2.771	0.753	3.075	2.206
7567	28.240	496.862	640.579	0.522	1.602	4.043	0.544	2.518	1.954	0.705	3.061	1.954
7568	40.267	405.286	621.701	0.333	1.529	2.851	0.516	2.439	1.751	0.634	3.012	1.451

7569	48.046	481.233	656.141	0.309	1.456	2.632	0.503	2.405	1.565	0.623	2.982	1.309
7570	51.116	469.277	678.957	0.308	1.432	2.653	0.500	2.385	1.545	0.621	2.970	1.290
7571	38.655	509.095	660.342	0.335	1.525	2.760	0.520	2.453	1.669	0.633	3.017	1.376
7572	39.706	430.637	667.190	0.330	1.532	2.722	0.514	2.446	1.660	0.634	3.013	1.421
7573	35.267	447.430	619.009	0.341	1.585	2.765	0.522	2.478	1.734	0.641	3.035	1.496
7574	33.463	459.526	643.704	0.345	1.602	2.780	0.525	2.490	1.754	0.643	3.046	1.507
7575	38.744	459.854	603.529	0.332	1.543	2.765	0.516	2.452	1.700	0.636	3.021	1.445
7576	38.342	477.636	682.165	0.328	1.539	2.660	0.513	2.447	1.641	0.634	3.025	1.390
7577	24.006	450.533	680.896	0.901	1.658	5.315	0.932	2.521	3.530	0.951	3.084	2.868
7578	34.201	460.611	669.792	0.354	1.577	2.911	0.531	2.473	1.827	0.642	3.039	1.482
7579	45.324	499.338	660.661	0.314	1.474	2.605	0.506	2.420	1.546	0.626	2.993	1.321
7580	43.767	484.963	689.252	0.334	1.471	2.854	0.506	2.415	1.575	0.628	2.997	1.333
7581	28.087	497.533	667.840	0.651	1.590	4.440	0.621	2.493	2.431	0.714	3.055	1.997
7582	41.301	457.090	644.965	0.328	1.512	2.753	0.515	2.443	1.656	0.632	3.011	1.389
7583	36.195	456.479	694.245	0.336	1.567	2.698	0.519	2.468	1.674	0.639	3.036	1.433
7584	41.889	463.730	675.960	0.323	1.506	2.658	0.510	2.431	1.604	0.630	3.004	1.372
7585	35.389	450.829	665.373	0.340	1.577	2.733	0.521	2.469	1.713	0.640	3.034	1.468
7586	43.755	472.130	650.810	0.426	1.447	3.537	0.507	2.417	1.600	0.629	3.004	1.347
7587	40.451	492.524	662.537	0.324	1.516	2.649	0.511	2.436	1.615	0.631	3.009	1.373
7588	29.425	518.447	632.979	0.515	1.583	3.953	0.534	2.517	1.797	0.679	3.060	1.775
7589	46.624	476.643	670.264	0.314	1.464	2.661	0.506	2.411	1.578	0.624	2.982	1.325
7590	31.195	513.225	668.253	0.354	1.616	2.783	0.531	2.497	1.771	0.646	3.056	1.496
7591	32.930	474.579	648.091	0.468	1.547	3.759	0.528	2.485	1.782	0.645	3.047	1.509
7592	39.981	452.907	626.582	0.329	1.528	2.737	0.513	2.440	1.674	0.633	3.012	1.421
7593	46.183	488.042	687.574	0.311	1.468	2.587	0.503	2.404	1.556	0.624	2.984	1.311
7594	47.532	461.770	618.202	0.315	1.463	2.715	0.506	2.409	1.596	0.625	2.985	1.350
7595	41.273	510.189	634.675	0.322	1.507	2.682	0.510	2.434	1.616	0.631	3.014	1.351
7596	29.673	459.281	689.487	0.496	1.590	3.898	0.536	2.522	1.823	0.684	3.060	1.821
7597	38.984	482.056	695.820	0.331	1.529	2.683	0.515	2.441	1.644	0.634	3.017	1.382
7598	25.731	518.419	656.854	0.662	1.623	4.548	0.651	2.526	2.558	0.940	3.052	2.754
7599	35.290	456.994	655.564	0.349	1.567	2.876	0.527	2.463	1.803	0.640	3.035	1.464
7600	41.163	461.656	663.773	0.324	1.515	2.676	0.515	2.444	1.648	0.631	3.009	1.378
7601	38.684	458.911	644.222	0.331	1.541	2.709	0.515	2.449	1.662	0.636	3.029	1.410
7602	30.133	437.251	689.460	0.459	1.591	3.750	0.613	2.478	2.411	0.683	3.057	1.827
7603	42.623	495.974	708.994	0.321	1.493	2.614	0.511	2.435	1.555	0.628	2.999	1.334
7604	33.207	505.119	683.565	0.347	1.592	2.711	0.525	2.480	1.706	0.643	3.043	1.467
7605	33.832	470.024	683.011	0.346	1.589	2.752	0.525	2.478	1.729	0.645	3.055	1.462
7606	36.190	500.321	648.226	0.336	1.560	2.692	0.519	2.461	1.678	0.638	3.027	1.436
7607	46.056	463.815	688.843	0.315	1.471	2.643	0.507	2.420	1.555	0.625	2.987	1.333
7608	38.108	500.422	715.660	0.332	1.533	2.647	0.516	2.448	1.625	0.634	3.019	1.375
7609	34.380	491.399	648.688	0.344	1.582	2.731	0.523	2.476	1.710	0.654	3.045	1.562
7610	40.569	480.745	640.850	0.428	1.474	3.546	0.512	2.437	1.635	0.632	3.008	1.396
7611	34.701	439.615	732.176	0.442	1.534	3.584	0.598	2.444	2.258	0.641	3.039	1.461
7612	30.961	440.291	611.183	0.361	1.643	2.902	0.536	2.514	1.867	0.653	3.066	1.610

7613	32.959	465.226	724.110	0.347	1.599	2.757	0.611	2.452	2.311	0.703	3.022	1.899
7614	33.028	486.995	625.613	0.350	1.601	2.797	0.528	2.486	1.770	0.646	3.050	1.518
7615	36.890	409.149	695.324	0.336	1.563	2.759	0.519	2.462	1.719	0.638	3.027	1.464
7616	29.581	462.149	662.894	0.362	1.657	2.834	0.536	2.527	1.820	0.690	3.056	1.873
7617	35.812	442.039	634.044	0.461	1.520	3.770	0.521	2.476	1.720	0.639	3.032	1.483
7618	35.967	447.880	616.737	0.338	1.575	2.777	0.521	2.475	1.722	0.640	3.040	1.472
7619	38.753	531.035	668.641	0.325	1.529	2.612	0.512	2.444	1.602	0.631	3.012	1.370
7620	35.689	465.951	650.029	0.340	1.571	2.736	0.521	2.468	1.702	0.640	3.036	1.457
7621	28.596	445.819	632.956	0.619	1.591	4.501	0.607	2.498	2.419	0.712	3.059	2.023
7622	49.802	477.668	621.058	0.308	1.442	2.691	0.501	2.389	1.587	0.622	2.974	1.321
7623	31.422	437.165	679.438	0.362	1.623	2.943	0.537	2.503	1.879	0.648	3.065	1.539
7624	27.650	458.789	667.226	0.578	1.610	4.324	0.663	2.504	2.627	0.749	3.064	2.170
7625	46.434	455.730	589.054	0.318	1.473	2.778	0.507	2.407	1.660	0.626	2.985	1.381
7626	33.526	448.003	686.286	0.344	1.597	2.784	0.616	2.457	2.336	0.706	3.025	1.919
7627	32.815	410.734	657.413	0.354	1.621	2.853	0.530	2.497	1.818	0.648	3.055	1.557
7628	36.119	487.314	702.365	0.334	1.559	2.666	0.518	2.463	1.657	0.637	3.031	1.411
7629	46.122	456.775	667.276	0.316	1.475	2.645	0.505	2.409	1.582	0.626	2.987	1.351
7630	42.008	503.571	638.564	0.322	1.502	2.657	0.510	2.429	1.604	0.631	3.011	1.350
7631	36.851	461.918	677.564	0.334	1.558	2.694	0.517	2.459	1.671	0.637	3.030	1.429
7632	37.084	496.358	707.546	0.333	1.548	2.633	0.516	2.457	1.617	0.637	3.034	1.383
7633	26.106	467.235	637.234	0.965	1.601	5.504	0.679	2.511	2.765	0.757	3.077	2.241
7634	27.862	507.911	660.261	0.556	1.601	4.132	0.599	2.505	2.305	0.710	3.066	1.953
7635	30.272	455.285	640.176	0.470	1.585	3.831	0.541	2.507	1.931	0.651	3.067	1.582
7636	33.264	455.977	651.632	0.349	1.600	2.828	0.527	2.487	1.781	0.644	3.050	1.506
7637	38.781	479.812	669.025	0.330	1.534	2.690	0.514	2.447	1.644	0.634	3.018	1.399
7638	31.124	421.973	592.070	0.359	1.642	2.945	0.535	2.515	1.890	0.692	3.044	1.939
7639	34.615	480.671	669.328	0.339	1.578	2.747	0.521	2.474	1.717	0.640	3.051	1.431
7640	29.530	472.714	668.231	0.501	1.590	3.934	0.537	2.521	1.835	0.655	3.087	1.561
7641	31.696	487.792	665.594	0.354	1.611	2.816	0.531	2.495	1.792	0.647	3.058	1.508
7642	40.099	495.795	720.555	0.326	1.514	2.625	0.514	2.445	1.582	0.632	3.017	1.341
7643	20.622	475.069	676.479	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7644	41.542	467.955	653.887	0.340	1.494	2.920	0.520	2.423	1.759	0.632	3.000	1.417
7645	20.973	505.176	684.444	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7646	30.337	518.099	681.765	0.382	1.604	3.088	0.552	2.488	1.980	0.658	3.058	1.604
7647	32.144	469.862	674.101	0.355	1.608	2.836	0.531	2.490	1.799	0.647	3.056	1.512
7648	38.172	439.800	669.090	0.333	1.545	2.736	0.517	2.451	1.688	0.636	3.022	1.436
7649	55.617	419.179	618.904	0.303	1.407	2.796	0.498	2.368	1.619	0.620	2.965	1.323
7650	33.191	479.390	679.665	0.358	1.580	2.967	0.535	2.481	1.850	0.702	3.029	1.877
7651	35.576	453.258	605.253	0.343	1.581	2.801	0.523	2.473	1.758	0.643	3.045	1.487
7652	34.411	454.543	692.328	0.340	1.586	2.724	0.546	2.474	1.936	0.652	3.034	1.588
7653	49.740	509.606	664.718	0.306	1.441	2.549	0.500	2.390	1.507	0.621	2.969	1.284
7654	32.071	481.547	644.020	0.359	1.605	2.914	0.534	2.489	1.848	0.646	3.057	1.509
7655	41.854	505.158	668.424	0.322	1.501	2.639	0.511	2.441	1.571	0.629	3.002	1.354
7656	28.493	455.296	691.100	0.760	1.578	4.818	0.558	2.512	2.072	0.739	3.060	2.104

7657	30.483	435.836	706.153	0.364	1.639	2.897	0.539	2.510	1.877	0.652	3.076	1.549
7658	23.203	461.293	651.329	1.526	1.639	6.699	1.145	2.507	4.074	0.991	3.074	3.050
7659	30.371	480.711	586.695	0.502	1.580	4.023	0.546	2.500	2.011	0.654	3.062	1.638
7660	38.612	496.108	666.284	0.329	1.531	2.700	0.514	2.446	1.652	0.633	3.020	1.385
7661	27.642	478.588	654.155	0.841	1.586	5.039	0.652	2.499	2.589	0.706	3.066	1.974
7662	38.645	463.935	672.407	0.334	1.531	2.760	0.517	2.446	1.685	0.634	3.016	1.405
7663	36.297	439.564	627.276	0.339	1.572	2.767	0.521	2.473	1.718	0.639	3.029	1.485
7664	53.832	470.911	694.937	0.301	1.415	2.602	0.496	2.372	1.511	0.618	2.965	1.258
7665	27.727	494.609	689.186	0.608	1.602	4.308	0.643	2.509	2.485	0.727	3.064	2.038
7666	35.782	458.038	637.926	0.345	1.568	2.832	0.524	2.464	1.771	0.641	3.037	1.469
7667	37.783	455.009	650.314	0.436	1.500	3.609	0.515	2.451	1.682	0.635	3.021	1.435
7668	29.767	458.898	683.451	0.490	1.590	3.880	0.535	2.523	1.812	0.653	3.076	1.570
7669	31.539	449.761	615.675	0.359	1.628	2.911	0.535	2.502	1.874	0.649	3.059	1.573
7670	35.985	507.051	660.858	0.335	1.559	2.704	0.518	2.463	1.674	0.637	3.036	1.410
7671	46.632	492.076	708.769	0.312	1.464	2.563	0.503	2.404	1.528	0.624	2.984	1.302
7672	28.503	466.233	588.387	0.558	1.598	4.327	0.547	2.524	2.004	0.727	3.059	2.105
7673	39.219	490.720	630.209	0.329	1.528	2.750	0.514	2.443	1.682	0.632	3.016	1.404
7674	30.840	440.877	609.988	0.462	1.581	3.859	0.533	2.514	1.857	0.650	3.066	1.597
7675	40.682	460.254	605.120	0.327	1.523	2.772	0.512	2.438	1.690	0.631	3.009	1.423
7676	30.030	460.831	697.920	0.477	1.586	3.796	0.591	2.482	2.270	0.685	3.064	1.806
7677	31.227	449.818	644.351	0.414	1.583	3.495	0.534	2.504	1.848	0.650	3.068	1.552
7678	32.905	457.656	634.383	0.350	1.608	2.828	0.527	2.488	1.800	0.646	3.056	1.517
7679	30.196	449.390	656.411	0.476	1.588	3.855	0.536	2.522	1.850	0.705	3.052	1.958
7680	42.803	457.532	704.205	0.321	1.495	2.670	0.509	2.423	1.607	0.628	2.999	1.357
7681	35.715	481.645	642.286	0.373	1.539	3.160	0.520	2.467	1.697	0.641	3.044	1.440
7682	31.751	430.594	617.171	0.428	1.577	3.663	0.532	2.506	1.846	0.649	3.059	1.584
7683	39.715	497.431	700.294	0.325	1.519	2.643	0.511	2.439	1.603	0.632	3.019	1.349
7684	30.745	441.754	689.336	0.366	1.633	2.924	0.535	2.513	1.813	0.652	3.069	1.562
7685	33.703	445.067	693.576	0.347	1.594	2.780	0.526	2.480	1.761	0.644	3.047	1.490
7686	38.950	479.590	652.855	0.330	1.533	2.690	0.514	2.446	1.643	0.634	3.019	1.399
7687	33.228	532.800	649.524	0.343	1.591	2.693	0.523	2.484	1.687	0.642	3.042	1.461
7688	43.793	451.575	664.803	0.321	1.491	2.692	0.508	2.420	1.616	0.629	2.997	1.367
7689	39.633	484.871	648.760	0.326	1.527	2.661	0.513	2.443	1.627	0.632	3.010	1.397
7690	28.243	550.879	675.112	0.563	1.592	4.032	0.596	2.490	2.259	0.698	3.056	1.872
7691	39.971	434.765	643.009	0.334	1.526	2.802	0.517	2.439	1.716	0.635	3.016	1.424
7692	40.295	468.602	638.084	0.394	1.483	3.385	0.513	2.448	1.634	0.633	3.017	1.394
7693	53.489	505.972	705.253	0.299	1.415	2.506	0.496	2.376	1.474	0.618	2.962	1.242
7694	43.114	499.614	698.433	0.330	1.480	2.756	0.515	2.426	1.631	0.628	2.996	1.332
7695	33.627	455.893	656.809	0.349	1.597	2.784	0.542	2.470	1.935	0.651	3.042	1.573
7696	29.892	477.514	612.972	0.503	1.583	4.006	0.535	2.516	1.855	0.693	3.056	1.895
7697	31.709	439.718	718.180	0.420	1.575	3.486	0.531	2.497	1.808	0.646	3.059	1.514
7698	44.790	449.727	691.330	0.320	1.482	2.679	0.507	2.415	1.592	0.627	2.989	1.357
7699	47.617	463.889	639.725	0.312	1.462	2.649	0.502	2.400	1.573	0.624	2.979	1.340
7700	34.243	469.795	660.831	0.343	1.587	2.747	0.523	2.479	1.725	0.642	3.044	1.477

7701	33.539	508.869	683.382	0.344	1.587	2.708	0.523	2.478	1.696	0.642	3.045	1.450
7702	44.092	417.902	674.791	0.321	1.494	2.708	0.509	2.421	1.636	0.630	3.001	1.382
7703	31.650	438.587	671.337	0.355	1.632	2.806	0.531	2.503	1.806	0.648	3.060	1.544
7704	56.630	468.143	606.224	0.299	1.404	2.664	0.495	2.367	1.548	0.618	2.960	1.287
7705	40.765	472.151	622.239	0.340	1.501	2.965	0.522	2.436	1.772	0.635	3.013	1.436
7706	26.144	450.721	649.230	1.108	1.600	5.789	0.677	2.518	2.750	0.829	3.063	2.516
7707	31.121	477.851	676.619	0.377	1.607	3.092	0.634	2.478	2.416	0.717	3.052	1.945
7708	27.369	517.818	650.753	0.598	1.604	4.290	0.640	2.489	2.534	0.715	3.067	1.995
7709	33.632	488.600	656.823	0.351	1.583	2.857	0.529	2.477	1.795	0.643	3.047	1.472
7710	33.391	433.054	670.081	0.374	1.580	3.148	0.528	2.491	1.776	0.645	3.051	1.515
7711	32.897	475.854	602.384	0.349	1.610	2.812	0.528	2.494	1.785	0.645	3.048	1.534
7712	38.657	412.824	669.780	0.332	1.544	2.768	0.516	2.452	1.707	0.636	3.032	1.427
7713	33.845	508.174	631.505	0.341	1.590	2.707	0.522	2.481	1.704	0.641	3.042	1.470
7714	41.607	438.328	632.866	0.326	1.516	2.742	0.512	2.434	1.666	0.632	3.008	1.412
7715	44.345	454.806	654.161	0.316	1.490	2.652	0.506	2.418	1.610	0.628	3.003	1.351
7716	26.595	510.746	666.316	0.599	1.618	4.304	0.672	2.502	2.643	0.762	3.060	2.217
7717	40.097	483.122	693.191	0.332	1.514	2.733	0.515	2.432	1.668	0.632	3.010	1.369
7718	35.417	466.061	703.683	0.340	1.574	2.689	0.521	2.469	1.684	0.640	3.036	1.446
7719	34.571	477.503	660.196	0.343	1.583	2.724	0.523	2.476	1.716	0.642	3.038	1.473
7720	38.229	511.012	650.651	0.330	1.536	2.666	0.514	2.449	1.631	0.634	3.014	1.401
7721	39.815	447.805	643.336	0.329	1.530	2.721	0.513	2.442	1.664	0.633	3.012	1.421
7722	32.163	435.676	678.353	0.510	1.558	3.973	0.529	2.505	1.770	0.647	3.056	1.534
7723	29.225	462.734	634.782	0.453	1.602	3.749	0.538	2.524	1.881	0.654	3.075	1.606
7724	40.272	444.965	674.563	0.414	1.480	3.490	0.515	2.449	1.654	0.632	3.009	1.402
7725	39.341	499.705	665.849	0.326	1.528	2.626	0.513	2.443	1.609	0.634	3.023	1.369
7726	25.328	456.323	682.457	0.988	1.613	5.529	0.714	2.545	2.793	3.927	3.041	7.558
7727	24.942	434.029	626.117	1.074	1.618	5.973	0.780	2.517	3.200	0.983	3.065	3.005
7728	47.779	492.883	682.597	0.313	1.450	2.689	0.505	2.403	1.573	0.622	2.977	1.301
7729	35.339	487.236	578.650	0.346	1.575	2.855	0.524	2.466	1.793	0.640	3.034	1.490
7730	37.920	482.165	602.972	0.331	1.549	2.753	0.515	2.454	1.696	0.635	3.023	1.439
7731	28.947	448.115	666.948	0.579	1.590	4.310	0.566	2.503	2.164	0.655	3.086	1.596
7732	43.860	490.321	650.471	0.319	1.486	2.677	0.508	2.416	1.612	0.627	2.991	1.354
7733	33.687	480.004	707.522	0.345	1.591	2.712	0.525	2.482	1.710	0.707	3.025	1.890
7734	34.788	481.154	665.247	0.343	1.578	2.736	0.522	2.471	1.712	0.644	3.052	1.445
7735	53.003	458.452	683.168	0.303	1.424	2.611	0.498	2.378	1.529	0.619	2.960	1.289
7736	36.752	435.052	630.954	0.446	1.514	3.704	0.527	2.457	1.828	0.639	3.029	1.480
7737	32.337	460.642	661.942	0.348	1.617	2.762	0.542	2.481	1.946	0.645	3.054	1.514
7738	40.515	465.177	594.473	0.328	1.526	2.760	0.513	2.440	1.688	0.635	3.023	1.414
7739	31.954	471.417	673.142	0.348	1.619	2.742	0.527	2.499	1.750	0.645	3.059	1.503
7740	44.437	496.574	658.076	0.317	1.481	2.633	0.507	2.413	1.590	0.627	2.992	1.338
7741	36.064	467.357	626.060	0.339	1.570	2.756	0.521	2.467	1.719	0.639	3.031	1.463
7742	37.054	443.868	722.249	0.334	1.556	2.699	0.516	2.458	1.667	0.637	3.029	1.425
7743	28.678	462.042	633.798	0.651	1.584	4.570	0.540	2.531	1.887	0.658	3.085	1.625
7744	41.139	500.989	675.194	0.324	1.505	2.674	0.511	2.429	1.619	0.630	3.005	1.358

7745	37.674	466.435	582.261	0.336	1.558	2.771	0.518	2.457	1.723	0.638	3.026	1.472
7746	42.289	486.729	645.666	0.318	1.502	2.660	0.508	2.426	1.621	0.629	3.001	1.370
7747	37.702	447.059	666.641	0.333	1.550	2.721	0.517	2.454	1.682	0.636	3.025	1.432
7748	44.814	502.145	677.523	0.314	1.477	2.580	0.505	2.412	1.557	0.627	2.996	1.312
7749	31.249	359.069	700.733	0.514	1.564	4.221	0.537	2.513	1.916	0.653	3.066	1.627
7750	34.260	474.477	608.497	0.344	1.592	2.790	0.524	2.479	1.758	0.643	3.044	1.501
7751	36.835	489.553	647.467	0.333	1.554	2.708	0.517	2.458	1.677	0.637	3.029	1.424
7752	35.468	485.316	663.437	0.338	1.570	2.706	0.519	2.466	1.691	0.639	3.032	1.448
7753	28.430	458.957	638.248	0.625	1.592	4.508	0.608	2.498	2.415	0.704	3.062	1.977
7754	44.923	463.350	688.170	0.318	1.476	2.692	0.507	2.416	1.599	0.626	2.989	1.340
7755	36.098	439.655	631.433	0.341	1.572	2.796	0.522	2.468	1.746	0.640	3.031	1.483
7756	35.395	461.854	624.969	0.339	1.579	2.761	0.521	2.469	1.742	0.647	3.041	1.541
7757	44.729	508.607	658.757	0.314	1.477	2.613	0.506	2.420	1.558	0.625	2.987	1.329
7758	47.021	428.165	668.246	0.315	1.468	2.710	0.504	2.404	1.607	0.626	2.986	1.355
7759	40.414	433.077	686.423	0.327	1.523	2.707	0.513	2.439	1.657	0.632	3.012	1.396
7760	37.431	486.715	648.329	0.332	1.551	2.674	0.516	2.458	1.651	0.638	3.034	1.410
7761	57.110	471.305	712.062	0.298	1.400	2.589	0.494	2.366	1.488	0.616	2.955	1.252
7762	37.559	469.921	675.031	0.358	1.526	3.022	0.533	2.451	1.826	0.643	3.028	1.474
7763	42.488	474.727	604.128	0.322	1.507	2.693	0.509	2.426	1.640	0.631	3.008	1.390
7764	27.858	460.620	670.845	0.579	1.607	4.300	0.677	2.496	2.680	0.722	3.072	2.039
7765	34.821	450.615	662.640	0.346	1.577	2.829	0.524	2.468	1.773	0.641	3.038	1.474
7766	29.242	481.383	633.147	0.471	1.591	3.851	0.536	2.523	1.846	0.701	3.055	1.935
7767	32.186	503.595	651.506	0.351	1.602	2.817	0.529	2.490	1.779	0.644	3.050	1.492
7768	33.099	445.997	689.473	0.351	1.604	2.805	0.528	2.488	1.773	0.645	3.052	1.504
7769	28.965	453.563	669.818	0.534	1.596	4.120	0.541	2.539	1.857	0.716	3.050	2.028
7770	47.882	470.099	640.422	0.313	1.458	2.694	0.504	2.399	1.600	0.624	2.978	1.339
7771	38.325	475.042	624.807	0.334	1.541	2.770	0.517	2.449	1.707	0.634	3.019	1.424
7772	35.390	464.326	667.567	0.337	1.575	2.701	0.519	2.468	1.695	0.642	3.051	1.432
7773	35.154	491.764	678.867	0.339	1.571	2.694	0.520	2.469	1.680	0.640	3.037	1.437
7774	41.481	455.320	679.007	0.325	1.511	2.675	0.511	2.432	1.620	0.631	3.007	1.379
7775	41.960	526.975	647.818	0.320	1.500	2.608	0.510	2.437	1.560	0.629	2.999	1.348
7776	48.941	472.465	612.996	0.311	1.452	2.679	0.504	2.402	1.581	0.623	2.974	1.340
7777	57.859	422.866	659.020	0.298	1.392	2.769	0.497	2.373	1.582	0.617	2.958	1.300
7778	35.305	431.177	689.924	0.364	1.557	3.088	0.538	2.458	1.930	0.648	3.043	1.540
7779	27.454	490.993	701.889	0.909	1.580	5.102	0.633	2.505	2.456	0.752	3.055	2.152
7780	33.125	498.754	647.561	0.354	1.587	2.859	0.530	2.478	1.798	0.644	3.049	1.481
7781	47.614	494.479	647.116	0.311	1.458	2.625	0.502	2.397	1.559	0.624	2.984	1.311
7782	36.996	461.203	644.193	0.338	1.554	2.786	0.520	2.455	1.730	0.637	3.030	1.439
7783	35.566	462.576	693.380	0.337	1.570	2.689	0.519	2.467	1.677	0.639	3.038	1.437
7784	46.452	469.081	675.244	0.314	1.468	2.634	0.506	2.418	1.550	0.626	2.989	1.324
7785	33.779	506.359	634.532	0.346	1.586	2.775	0.524	2.477	1.739	0.644	3.057	1.447
7786	41.918	460.502	645.028	0.324	1.509	2.702	0.510	2.431	1.635	0.631	3.004	1.391
7787	33.303	470.975	680.069	0.345	1.599	2.730	0.524	2.484	1.722	0.643	3.048	1.480
7788	30.835	517.720	700.073	0.353	1.621	2.725	0.529	2.499	1.739	0.648	3.060	1.493

7789	34.914	484.339	670.639	0.344	1.572	2.761	0.524	2.470	1.729	0.641	3.034	1.459
7790	35.995	463.480	642.486	0.339	1.569	2.737	0.520	2.463	1.714	0.640	3.034	1.463
7791	36.844	486.002	637.982	0.334	1.558	2.713	0.517	2.458	1.682	0.637	3.028	1.436
7792	30.789	421.651	596.330	0.360	1.641	2.982	0.535	2.518	1.895	0.653	3.073	1.623
7793	44.029	436.690	695.310	0.317	1.488	2.709	0.507	2.418	1.627	0.628	3.005	1.352
7794	45.173	480.637	669.112	0.316	1.477	2.635	0.508	2.422	1.561	0.626	2.987	1.337
7795	43.196	452.478	667.465	0.321	1.496	2.677	0.509	2.423	1.612	0.629	2.999	1.370
7796	27.074	463.050	656.474	0.769	1.596	4.960	0.643	2.511	2.578	0.662	3.102	1.651
7797	39.886	482.390	684.762	0.329	1.517	2.713	0.514	2.436	1.658	0.632	3.015	1.370
7798	33.298	450.931	605.474	0.349	1.610	2.813	0.527	2.489	1.797	0.646	3.050	1.542
7799	27.035	478.431	630.065	0.702	1.604	4.761	0.652	2.509	2.614	0.743	3.062	2.182
7800	35.696	468.061	637.196	0.343	1.564	2.840	0.523	2.464	1.771	0.639	3.036	1.458
7801	31.868	515.055	630.792	0.348	1.614	2.743	0.527	2.496	1.746	0.649	3.050	1.553
7802	31.656	528.856	674.083	0.350	1.607	2.734	0.528	2.490	1.742	0.647	3.070	1.446
7803	33.746	503.703	631.673	0.348	1.586	2.796	0.526	2.480	1.749	0.643	3.042	1.481
7804	38.929	522.958	687.993	0.376	1.492	3.158	0.513	2.445	1.594	0.632	3.011	1.366
7805	46.862	472.967	690.717	0.314	1.463	2.617	0.503	2.400	1.549	0.626	2.990	1.312
7806	32.467	459.507	636.878	0.355	1.610	2.871	0.531	2.489	1.829	0.646	3.051	1.531
7807	29.556	460.760	668.207	0.531	1.587	4.090	0.563	2.498	2.125	0.653	3.079	1.578
7808	26.367	463.523	664.199	0.925	1.597	5.381	0.675	2.517	2.706	0.747	3.072	2.193
7809	31.992	470.796	649.810	0.397	1.576	3.346	0.534	2.488	1.861	0.646	3.056	1.518
7810	37.526	473.393	621.161	0.335	1.551	2.753	0.517	2.453	1.703	0.636	3.022	1.446
7811	33.666	475.298	694.891	0.342	1.591	2.709	0.610	2.446	2.306	0.701	3.023	1.876
7812	29.807	513.346	643.171	0.486	1.581	3.822	0.535	2.513	1.806	0.652	3.075	1.540
7813	39.893	515.203	677.731	0.328	1.516	2.666	0.513	2.436	1.621	0.632	3.010	1.365
7814	32.925	476.580	651.447	0.348	1.603	2.764	0.526	2.487	1.751	0.646	3.051	1.504
7815	37.057	465.710	636.056	0.335	1.557	2.736	0.518	2.459	1.701	0.638	3.029	1.447
7816	34.427	454.944	667.463	0.341	1.588	2.731	0.522	2.477	1.723	0.641	3.042	1.477
7817	36.560	502.441	601.963	0.336	1.560	2.740	0.518	2.459	1.698	0.637	3.026	1.453
7818	34.648	499.512	616.321	0.340	1.582	2.746	0.521	2.475	1.717	0.640	3.038	1.472
7819	30.918	500.345	678.720	0.461	1.570	3.671	0.608	2.467	2.320	0.700	3.041	1.878
7820	28.040	404.685	647.388	0.718	1.586	4.995	0.675	2.495	2.771	0.734	3.074	2.148
7821	32.261	522.809	665.923	0.349	1.598	2.773	0.526	2.485	1.747	0.643	3.053	1.463
7822	27.978	483.795	685.482	0.974	1.574	5.252	0.545	2.535	1.891	0.722	3.064	2.023
7823	54.078	455.417	673.164	0.304	1.416	2.651	0.497	2.372	1.544	0.619	2.961	1.291
7824	32.864	482.424	685.237	0.360	1.587	2.926	0.536	2.482	1.850	0.645	3.045	1.504
7825	37.232	477.488	665.676	0.334	1.550	2.698	0.518	2.457	1.667	0.638	3.031	1.413
7826	37.495	428.944	684.181	0.335	1.554	2.728	0.517	2.455	1.689	0.638	3.035	1.428
7827	38.174	447.519	675.010	0.331	1.546	2.690	0.516	2.454	1.660	0.636	3.023	1.423
7828	41.447	490.108	632.742	0.323	1.511	2.653	0.510	2.429	1.618	0.631	3.007	1.374
7829	39.727	506.224	657.309	0.328	1.519	2.701	0.512	2.440	1.614	0.632	3.012	1.376
7830	44.378	496.444	642.328	0.316	1.483	2.625	0.506	2.415	1.577	0.627	2.992	1.347
7831	36.998	459.003	639.650	0.335	1.559	2.733	0.517	2.457	1.700	0.639	3.038	1.430
7832	42.312	450.140	632.928	0.322	1.509	2.701	0.511	2.438	1.631	0.631	3.009	1.387

7833	36.022	495.464	667.813	0.334	1.563	2.677	0.518	2.466	1.658	0.638	3.033	1.422
7834	30.022	491.891	638.638	0.524	1.577	4.018	0.534	2.513	1.815	0.652	3.070	1.561
7835	33.834	440.507	647.429	0.349	1.595	2.841	0.527	2.482	1.798	0.643	3.044	1.507
7836	36.602	493.176	651.307	0.334	1.557	2.702	0.518	2.462	1.668	0.636	3.027	1.425
7837	28.523	479.900	663.274	0.569	1.596	4.222	0.613	2.497	2.400	0.656	3.085	1.597
7838	46.758	490.126	640.513	0.315	1.462	2.686	0.506	2.409	1.580	0.625	2.985	1.329
7839	30.482	451.330	651.326	0.361	1.641	2.894	0.537	2.511	1.871	0.650	3.066	1.567
7840	30.360	444.753	683.146	0.523	1.577	4.040	0.536	2.514	1.849	0.652	3.080	1.549
7841	43.284	476.485	676.331	0.320	1.491	2.657	0.508	2.420	1.600	0.628	2.994	1.353
7842	44.451	445.882	675.766	0.318	1.488	2.660	0.507	2.419	1.598	0.629	3.002	1.352
7843	35.175	479.950	730.793	0.340	1.571	2.681	0.521	2.472	1.667	0.640	3.037	1.426
7844	40.238	463.388	667.310	0.328	1.523	2.672	0.513	2.440	1.627	0.633	3.010	1.402
7845	31.641	461.612	632.357	0.372	1.604	3.105	0.529	2.502	1.792	0.649	3.063	1.543
7846	40.783	433.345	685.211	0.326	1.518	2.717	0.514	2.448	1.637	0.632	3.014	1.390
7847	31.060	540.738	673.165	0.375	1.591	3.037	0.559	2.476	2.026	0.647	3.059	1.481
7848	40.310	477.738	629.973	0.330	1.520	2.739	0.514	2.436	1.668	0.634	3.015	1.398
7849	43.637	442.393	610.296	0.321	1.499	2.751	0.509	2.424	1.654	0.629	2.998	1.405
7850	39.671	433.996	628.907	0.328	1.537	2.738	0.514	2.448	1.685	0.633	3.014	1.436
7851	33.075	499.249	661.466	0.343	1.598	2.708	0.523	2.486	1.706	0.642	3.045	1.473
7852	54.886	449.973	665.290	0.302	1.412	2.665	0.498	2.374	1.546	0.618	2.959	1.292
7853	25.923	474.165	636.402	0.916	1.604	5.383	0.723	2.509	2.907	0.757	3.068	2.263
7854	30.147	484.887	598.459	0.368	1.635	3.020	0.541	2.505	1.947	0.651	3.071	1.583
7855	36.761	490.264	667.672	0.335	1.552	2.730	0.517	2.456	1.685	0.636	3.027	1.415
7856	26.381	432.955	691.995	0.945	1.598	5.443	0.708	2.504	2.861	0.779	3.067	2.330
7857	41.860	480.923	674.928	0.326	1.499	2.721	0.511	2.425	1.638	0.630	3.003	1.361
7858	34.511	457.144	667.157	0.343	1.585	2.734	0.522	2.475	1.718	0.642	3.042	1.477
7859	40.911	453.535	686.466	0.325	1.516	2.676	0.511	2.436	1.623	0.631	3.009	1.381
7860	36.268	451.910	659.930	0.337	1.569	2.707	0.519	2.464	1.693	0.640	3.042	1.440
7861	32.839	467.813	690.225	0.347	1.608	2.728	0.526	2.492	1.735	0.644	3.050	1.494
7862	42.021	499.012	658.447	0.322	1.501	2.639	0.509	2.426	1.597	0.630	3.001	1.362
7863	40.306	489.926	694.184	0.335	1.508	2.779	0.511	2.435	1.601	0.631	3.007	1.370
7864	36.787	474.309	679.683	0.335	1.555	2.677	0.518	2.461	1.658	0.639	3.037	1.412
7865	29.904	467.866	688.736	0.453	1.593	3.664	0.604	2.483	2.331	0.652	3.070	1.561
7866	37.394	481.451	640.738	0.336	1.548	2.747	0.518	2.452	1.696	0.638	3.036	1.414
7867	44.518	436.489	602.307	0.320	1.493	2.750	0.508	2.421	1.659	0.629	2.995	1.405
7868	36.537	455.756	662.258	0.353	1.543	3.013	0.517	2.461	1.696	0.639	3.044	1.424
7869	34.698	456.149	648.441	0.342	1.585	2.752	0.523	2.478	1.727	0.642	3.040	1.487
7870	34.241	483.760	631.865	0.343	1.587	2.759	0.522	2.476	1.733	0.641	3.041	1.479
7871	24.258	464.452	664.924	1.070	1.625	5.807	0.905	2.521	3.424	0.928	3.084	2.776
7872	53.808	461.059	680.544	0.305	1.413	2.689	0.500	2.381	1.553	0.619	2.968	1.272
7873	36.461	430.152	601.119	0.353	1.557	3.024	0.530	2.456	1.888	0.642	3.030	1.527
7874	38.150	484.168	588.719	0.331	1.548	2.763	0.516	2.452	1.712	0.635	3.021	1.447
7875	41.698	468.465	620.596	0.322	1.514	2.696	0.510	2.433	1.648	0.630	3.008	1.392
7876	36.513	455.311	654.929	0.335	1.564	2.731	0.518	2.463	1.700	0.638	3.031	1.451

7877	35.057	402.093	652.875	0.343	1.592	2.804	0.524	2.480	1.771	0.643	3.041	1.522
7878	38.763	466.275	689.359	0.327	1.535	2.654	0.513	2.445	1.638	0.634	3.022	1.388
7879	38.488	434.722	662.325	0.333	1.547	2.716	0.516	2.452	1.675	0.636	3.022	1.438
7880	27.151	468.856	658.092	1.203	1.583	5.807	0.671	2.506	2.672	0.752	3.066	2.195
7881	32.779	479.344	688.390	0.352	1.596	2.817	0.530	2.483	1.792	0.644	3.051	1.477
7882	34.777	435.231	677.802	0.345	1.582	2.785	0.524	2.474	1.744	0.642	3.040	1.487
7883	26.409	456.633	640.246	0.938	1.597	5.464	0.711	2.505	2.885	0.797	3.058	2.418
7884	27.967	464.460	687.683	0.578	1.603	4.268	0.631	2.501	2.488	0.727	3.061	2.066
7885	37.370	453.295	649.603	0.338	1.549	2.791	0.520	2.452	1.731	0.637	3.027	1.442
7886	37.188	439.031	664.463	0.334	1.559	2.717	0.517	2.459	1.692	0.639	3.041	1.429
7887	34.353	457.060	594.702	0.344	1.596	2.802	0.524	2.483	1.766	0.643	3.043	1.519
7888	37.290	492.733	688.085	0.330	1.546	2.662	0.514	2.452	1.644	0.635	3.028	1.390
7889	37.198	491.583	653.988	0.335	1.551	2.688	0.517	2.455	1.660	0.636	3.022	1.425
7890	49.428	438.304	672.110	0.310	1.451	2.661	0.501	2.393	1.578	0.623	2.976	1.333
7891	30.347	499.968	642.093	0.464	1.578	3.731	0.535	2.501	1.846	0.649	3.067	1.527
7892	23.510	447.560	619.368	1.872	1.625	7.429	0.721	2.536	3.076	1.108	3.082	3.282
7893	37.359	487.535	714.561	0.338	1.536	2.785	0.520	2.450	1.706	0.635	3.034	1.367
7894	42.190	463.939	647.246	0.324	1.509	2.664	0.512	2.437	1.605	0.631	3.003	1.389
7895	38.938	455.575	612.107	0.331	1.542	2.754	0.515	2.452	1.687	0.634	3.017	1.441
7896	27.499	438.657	638.914	0.935	1.585	5.443	0.641	2.507	2.610	0.771	3.060	2.304
7897	48.406	467.623	667.551	0.310	1.450	2.680	0.503	2.399	1.581	0.623	2.980	1.314
7898	29.514	489.114	656.667	0.367	1.641	2.919	0.612	2.483	2.373	0.651	3.071	1.555
7899	46.531	464.627	686.483	0.315	1.465	2.670	0.507	2.412	1.581	0.625	2.988	1.322
7900	46.195	459.028	654.585	0.317	1.471	2.698	0.506	2.410	1.595	0.625	2.984	1.350
7901	43.665	467.441	682.334	0.319	1.490	2.649	0.551	2.396	1.982	0.627	2.992	1.353
7902	33.080	476.399	643.863	0.347	1.602	2.764	0.527	2.488	1.755	0.644	3.046	1.504
7903	39.954	429.921	678.743	0.329	1.529	2.727	0.514	2.443	1.664	0.633	3.011	1.416
7904	45.012	429.216	665.513	0.318	1.485	2.703	0.508	2.424	1.610	0.628	2.998	1.362
7905	25.555	498.322	671.874	1.011	1.605	5.478	0.836	2.512	3.128	0.779	3.070	2.299
7906	32.908	489.621	693.150	0.355	1.589	2.857	0.532	2.478	1.810	0.644	3.051	1.464
7907	32.543	501.775	658.215	0.349	1.600	2.762	0.528	2.488	1.744	0.645	3.050	1.494
7908	48.772	498.355	692.048	0.309	1.446	2.585	0.501	2.393	1.530	0.622	2.976	1.287
7909	29.194	482.439	684.693	0.558	1.587	4.125	0.544	2.513	1.912	0.684	3.059	1.818
7910	30.232	472.140	702.498	0.365	1.634	2.879	0.539	2.523	1.814	0.651	3.071	1.535
7911	39.702	468.215	700.227	0.330	1.522	2.693	0.514	2.440	1.639	0.635	3.024	1.369
7912	34.952	463.141	637.305	0.342	1.583	2.740	0.523	2.476	1.722	0.642	3.036	1.486
7913	37.305	480.778	723.075	0.332	1.549	2.642	0.516	2.455	1.634	0.636	3.027	1.392
7914	35.373	451.798	721.799	0.342	1.575	2.702	0.522	2.473	1.687	0.641	3.034	1.454
7915	28.481	459.732	670.540	0.562	1.597	4.230	0.610	2.494	2.405	0.730	3.055	2.082
7916	37.079	433.654	650.588	0.339	1.558	2.811	0.521	2.460	1.748	0.638	3.030	1.458
7917	38.273	486.707	677.480	0.328	1.537	2.650	0.514	2.449	1.628	0.635	3.026	1.386
7918	39.125	457.522	667.745	0.329	1.534	2.682	0.514	2.445	1.645	0.634	3.017	1.411
7919	32.460	481.193	684.240	0.348	1.607	2.727	0.526	2.490	1.727	0.644	3.049	1.493
7920	27.547	444.319	670.059	0.656	1.601	4.633	0.646	2.500	2.606	0.750	3.068	2.186

7921	36.799	432.035	676.626	0.341	1.557	2.817	0.521	2.460	1.744	0.638	3.031	1.452
7922	35.166	457.680	669.923	0.450	1.526	3.649	0.520	2.471	1.700	0.641	3.039	1.462
7923	30.290	488.590	659.102	0.490	1.578	3.848	0.576	2.489	2.162	0.690	3.049	1.847
7924	43.087	463.203	640.092	0.323	1.496	2.721	0.510	2.423	1.637	0.629	3.002	1.370
7925	40.651	466.939	654.706	0.324	1.521	2.668	0.511	2.439	1.628	0.631	3.006	1.393
7926	27.229	490.297	667.365	0.941	1.586	5.243	0.624	2.507	2.461	0.750	3.055	2.184
7927	37.833	482.155	698.081	0.335	1.535	2.736	0.519	2.449	1.685	0.635	3.026	1.384
7928	37.235	477.329	656.654	0.335	1.553	2.690	0.518	2.459	1.660	0.638	3.028	1.430
7929	41.091	467.217	693.731	0.324	1.512	2.650	0.510	2.434	1.603	0.631	3.009	1.368
7930	44.261	458.310	641.100	0.319	1.492	2.657	0.507	2.418	1.605	0.628	2.992	1.370
7931	45.335	495.033	675.464	0.314	1.473	2.618	0.504	2.409	1.558	0.625	2.988	1.322
7932	38.129	468.964	657.640	0.333	1.542	2.718	0.516	2.449	1.671	0.637	3.030	1.406
7933	33.961	494.992	631.239	0.343	1.590	2.734	0.522	2.478	1.722	0.643	3.044	1.481
7934	29.290	441.116	643.373	0.538	1.592	4.200	0.540	2.531	1.896	0.655	3.084	1.611
7935	33.261	463.378	675.567	0.347	1.596	2.794	0.526	2.482	1.772	0.643	3.046	1.487
7936	36.725	460.340	616.104	0.338	1.564	2.776	0.519	2.462	1.721	0.638	3.028	1.468
7937	41.786	467.537	719.474	0.320	1.504	2.619	0.511	2.441	1.573	0.629	3.007	1.343
7938	42.376	520.276	653.097	0.321	1.498	2.607	0.511	2.438	1.551	0.630	3.000	1.351
7939	42.466	460.312	713.384	0.321	1.499	2.634	0.508	2.423	1.594	0.629	3.000	1.358
7940	37.146	477.863	683.785	0.334	1.551	2.661	0.517	2.455	1.647	0.636	3.022	1.421
7941	36.864	480.018	689.504	0.334	1.554	2.656	0.517	2.457	1.648	0.637	3.027	1.419
7942	39.857	501.149	626.363	0.327	1.525	2.664	0.513	2.445	1.618	0.633	3.011	1.399
7943	25.834	491.525	666.597	1.028	1.601	5.516	0.694	2.503	2.796	0.745	3.074	2.174
7944	40.478	464.210	632.784	0.333	1.515	2.816	0.518	2.449	1.688	0.632	3.008	1.403
7945	46.782	485.213	657.981	0.311	1.466	2.610	0.505	2.413	1.550	0.624	2.985	1.320
7946	39.256	478.111	658.807	0.331	1.527	2.720	0.516	2.452	1.648	0.633	3.012	1.396
7947	32.159	477.061	635.923	0.351	1.616	2.784	0.528	2.499	1.764	0.647	3.056	1.524
7948	34.541	500.120	628.439	0.342	1.580	2.759	0.522	2.473	1.725	0.641	3.040	1.466
7949	41.573	476.059	623.657	0.324	1.513	2.704	0.510	2.431	1.639	0.632	3.011	1.389
7950	39.158	437.365	612.682	0.331	1.543	2.757	0.515	2.451	1.704	0.635	3.019	1.449
7951	31.143	435.120	666.451	0.355	1.641	2.814	0.532	2.516	1.805	0.648	3.064	1.558
7952	29.747	468.669	644.813	0.477	1.589	3.853	0.536	2.517	1.854	0.694	3.064	1.875
7953	38.205	444.676	624.016	0.335	1.548	2.789	0.518	2.452	1.728	0.636	3.024	1.450
7954	31.916	478.545	665.535	0.348	1.616	2.744	0.527	2.500	1.744	0.645	3.053	1.507
7955	34.466	456.267	672.063	0.344	1.584	2.762	0.524	2.474	1.743	0.641	3.039	1.477
7956	36.218	448.475	682.751	0.338	1.567	2.716	0.519	2.463	1.699	0.640	3.043	1.431
7957	29.162	464.995	694.482	0.382	1.640	3.089	0.630	2.485	2.459	0.655	3.080	1.574
7958	31.778	484.434	641.242	0.356	1.613	2.859	0.532	2.491	1.824	0.647	3.055	1.523
7959	35.541	485.845	716.496	0.338	1.563	2.689	0.520	2.466	1.671	0.637	3.030	1.420
7960	31.989	500.017	641.781	0.352	1.611	2.767	0.528	2.491	1.758	0.647	3.051	1.519
7961	35.979	489.682	672.801	0.338	1.560	2.722	0.519	2.462	1.688	0.638	3.032	1.429
7962	32.018	482.826	667.475	0.497	1.553	3.859	0.528	2.496	1.752	0.647	3.056	1.507
7963	27.527	487.307	637.446	0.669	1.600	4.587	0.546	2.540	1.926	0.751	3.055	2.194
7964	32.624	454.881	646.000	0.355	1.606	2.887	0.531	2.485	1.844	0.646	3.057	1.513

7965	28.324	495.518	668.933	0.516	1.601	3.975	0.645	2.491	2.522	0.744	3.051	2.124
7966	33.933	438.501	666.347	0.351	1.590	2.856	0.528	2.476	1.802	0.645	3.057	1.483
7967	41.576	482.173	631.809	0.323	1.511	2.678	0.511	2.439	1.616	0.631	3.009	1.377
7968	46.683	479.780	649.854	0.312	1.466	2.645	0.505	2.414	1.557	0.626	2.991	1.323
7969	30.717	457.209	668.151	0.510	1.575	3.981	0.535	2.508	1.844	0.650	3.070	1.550
7970	29.268	472.220	664.492	0.507	1.593	3.974	0.539	2.521	1.872	0.702	3.063	1.917
7971	38.858	485.118	660.680	0.332	1.529	2.731	0.517	2.452	1.655	0.634	3.017	1.401
7972	27.123	432.899	678.102	0.993	1.587	5.503	0.655	2.505	2.650	0.739	3.072	2.152
7973	29.849	444.514	636.273	0.504	1.587	4.033	0.637	2.478	2.547	0.652	3.072	1.599
7974	44.406	448.620	653.240	0.319	1.485	2.719	0.507	2.416	1.629	0.627	2.994	1.366
7975	29.101	465.720	655.024	0.462	1.600	3.779	0.539	2.530	1.860	0.722	3.054	2.037
7976	38.670	456.532	641.489	0.333	1.537	2.773	0.517	2.447	1.704	0.635	3.018	1.429
7977	33.143	480.977	631.652	0.346	1.602	2.766	0.525	2.489	1.739	0.644	3.049	1.504
7978	53.172	473.512	685.304	0.302	1.419	2.597	0.498	2.383	1.500	0.619	2.968	1.262
7979	30.160	513.555	669.165	0.486	1.573	3.781	0.545	2.498	1.920	0.688	3.051	1.815
7980	32.677	447.455	653.220	0.355	1.608	2.868	0.531	2.487	1.826	0.647	3.055	1.526
7981	44.832	489.945	692.516	0.315	1.475	2.615	0.504	2.409	1.561	0.626	2.990	1.322
7982	37.988	479.693	686.840	0.332	1.539	2.666	0.516	2.448	1.646	0.635	3.023	1.394
7983	29.789	475.168	624.525	0.481	1.588	3.887	0.536	2.522	1.839	0.696	3.047	1.922
7984	46.059	471.249	687.604	0.314	1.467	2.657	0.505	2.413	1.568	0.625	2.986	1.325
7985	41.936	458.497	687.326	0.325	1.504	2.688	0.511	2.428	1.623	0.631	3.006	1.368
7986	41.709	471.010	723.509	0.322	1.503	2.611	0.509	2.429	1.576	0.629	2.999	1.356
7987	34.420	470.052	647.097	0.344	1.588	2.739	0.523	2.475	1.732	0.643	3.037	1.494
7988	37.001	475.304	683.471	0.333	1.552	2.678	0.516	2.455	1.661	0.636	3.026	1.415
7989	37.520	464.766	698.868	0.332	1.547	2.659	0.516	2.453	1.644	0.636	3.023	1.414
7990	42.315	482.783	598.145	0.323	1.508	2.692	0.510	2.428	1.635	0.631	3.005	1.396
7991	40.257	463.410	590.951	0.327	1.530	2.755	0.512	2.442	1.686	0.633	3.013	1.435
7992	31.313	489.672	643.473	0.386	1.590	3.228	0.528	2.506	1.761	0.646	3.058	1.522
7993	31.861	492.654	642.946	0.462	1.559	3.715	0.530	2.495	1.787	0.646	3.053	1.513
7994	45.751	482.729	686.314	0.314	1.470	2.623	0.505	2.407	1.570	0.625	2.987	1.322
7995	29.377	463.499	701.228	0.454	1.599	3.670	0.539	2.519	1.852	0.696	3.059	1.876
7996	38.842	489.850	659.810	0.332	1.530	2.712	0.516	2.445	1.659	0.634	3.017	1.401
7997	36.178	489.791	713.112	0.335	1.558	2.646	0.517	2.460	1.640	0.638	3.030	1.411
7998	39.607	434.687	653.377	0.331	1.535	2.710	0.515	2.444	1.668	0.635	3.018	1.428
7999	34.024	504.182	627.583	0.341	1.588	2.715	0.522	2.478	1.708	0.642	3.044	1.472
8000	29.940	456.041	634.945	0.505	1.573	4.075	0.641	2.485	2.518	0.651	3.075	1.575
8001	44.594	436.975	704.956	0.318	1.483	2.691	0.507	2.419	1.607	0.627	2.995	1.355
8002	40.593	491.429	633.196	0.326	1.519	2.672	0.512	2.441	1.620	0.631	3.005	1.393
8003	42.611	470.679	668.033	0.320	1.499	2.658	0.509	2.430	1.595	0.630	3.006	1.353
8004	38.340	429.325	654.026	0.334	1.548	2.745	0.516	2.453	1.696	0.638	3.036	1.428
8005	25.668	469.609	684.154	0.925	1.607	5.360	0.937	2.491	3.456	0.944	3.058	2.800
8006	34.755	469.913	695.279	0.453	1.530	3.622	0.527	2.470	1.771	0.640	3.037	1.449
8007	36.143	498.256	603.991	0.338	1.566	2.734	0.520	2.464	1.707	0.640	3.032	1.462
8008	22.037	472.639	675.715	0.000	0.000	0.000	0.980	2.540	3.768	0.000	0.000	0.000

8009	39.628	460.433	730.331	0.339	1.512	2.832	0.521	2.436	1.723	0.634	3.018	1.385
8010	45.942	480.290	612.653	0.316	1.477	2.653	0.507	2.415	1.586	0.627	2.989	1.357
8011	27.655	494.220	680.923	0.655	1.599	4.461	0.608	2.506	2.359	0.753	3.059	2.161
8012	33.680	407.311	671.985	0.357	1.599	2.940	0.532	2.485	1.860	0.646	3.051	1.534
8013	41.357	497.928	723.678	0.321	1.505	2.595	0.508	2.427	1.568	0.629	3.002	1.337
8014	28.349	486.556	654.969	0.516	1.602	4.013	0.635	2.491	2.502	0.712	3.053	1.997
8015	43.178	455.048	680.752	0.322	1.492	2.706	0.511	2.429	1.624	0.629	3.003	1.353
8016	30.715	407.083	700.099	0.471	1.582	3.859	0.535	2.516	1.848	0.652	3.070	1.585
8017	40.839	461.032	651.699	0.327	1.518	2.708	0.512	2.435	1.645	0.632	3.012	1.389
8018	47.124	442.530	671.929	0.313	1.466	2.678	0.504	2.408	1.584	0.624	2.982	1.346
8019	23.020	439.632	579.683	1.488	1.632	7.045	1.052	2.515	4.022	1.019	3.084	3.195
8020	47.940	530.723	667.297	0.313	1.444	2.690	0.504	2.396	1.581	0.622	2.978	1.288
8021	39.889	492.230	660.959	0.330	1.518	2.711	0.515	2.436	1.660	0.633	3.015	1.373
8022	38.312	470.746	637.187	0.437	1.495	3.600	0.516	2.453	1.660	0.635	3.018	1.427
8023	35.546	481.677	669.269	0.337	1.570	2.696	0.519	2.469	1.677	0.638	3.032	1.444
8024	24.265	489.069	646.853	0.951	1.627	5.531	0.944	2.508	3.536	0.772	3.086	2.333
8025	46.561	480.446	657.563	0.317	1.461	2.724	0.507	2.404	1.621	0.625	2.988	1.322
8026	39.190	489.502	593.950	0.331	1.535	2.746	0.516	2.448	1.688	0.634	3.018	1.421
8027	41.994	475.018	676.204	0.320	1.504	2.642	0.508	2.425	1.609	0.629	3.008	1.351
8028	41.497	453.664	624.170	0.325	1.516	2.710	0.511	2.433	1.647	0.631	3.004	1.409
8029	29.041	397.636	699.536	0.628	1.585	4.572	0.627	2.490	2.533	0.666	3.085	1.715
8030	42.965	498.437	668.460	0.370	1.458	3.188	0.508	2.417	1.601	0.628	3.000	1.339
8031	30.979	476.876	687.400	0.430	1.578	3.521	0.532	2.504	1.783	0.648	3.061	1.522
8032	33.340	509.431	603.641	0.348	1.594	2.805	0.526	2.478	1.774	0.644	3.046	1.500
8033	50.762	431.772	645.543	0.308	1.441	2.724	0.501	2.388	1.616	0.622	2.972	1.341
8034	23.624	481.667	674.765	7.747	1.610	12.847	1.070	2.518	3.784	0.902	3.086	2.746
8035	40.064	439.210	687.732	0.337	1.516	2.847	0.519	2.434	1.743	0.633	3.010	1.405
8036	30.714	495.383	640.368	0.354	1.633	2.775	0.531	2.508	1.777	0.650	3.064	1.542
8037	31.000	471.324	647.413	0.382	1.602	3.186	0.532	2.499	1.836	0.648	3.061	1.543
8038	32.388	515.946	694.682	0.349	1.598	2.740	0.526	2.485	1.727	0.644	3.052	1.461
8039	51.274	423.592	653.794	0.310	1.438	2.732	0.501	2.386	1.604	0.623	2.971	1.343
8040	41.066	459.303	605.901	0.329	1.515	2.811	0.514	2.435	1.707	0.632	3.016	1.397
8041	39.456	440.977	593.547	0.330	1.540	2.780	0.514	2.447	1.710	0.634	3.015	1.455
8042	35.821	484.977	672.980	0.334	1.566	2.690	0.517	2.463	1.679	0.637	3.034	1.427
8043	38.090	412.373	657.767	0.335	1.553	2.763	0.517	2.456	1.708	0.638	3.025	1.460
8044	29.801	541.273	725.981	0.436	1.584	3.461	0.593	2.482	2.196	0.669	3.051	1.682
8045	39.478	442.631	645.474	0.336	1.530	2.787	0.517	2.439	1.709	0.636	3.015	1.432
8046	40.474	442.492	685.346	0.411	1.479	3.467	0.512	2.439	1.634	0.632	3.016	1.384
8047	34.058	434.292	653.366	0.345	1.598	2.772	0.524	2.485	1.746	0.643	3.043	1.510
8048	42.140	504.948	651.661	0.320	1.501	2.633	0.508	2.426	1.592	0.629	3.001	1.357
8049	30.288	435.443	571.239	0.432	1.599	3.740	0.538	2.522	1.924	0.654	3.072	1.643
8050	31.114	379.715	657.573	0.479	1.572	4.070	0.562	2.498	2.182	0.691	3.049	1.938
8051	32.601	453.824	633.164	0.376	1.584	3.195	0.528	2.495	1.800	0.645	3.051	1.533
8052	34.041	480.512	608.785	0.344	1.595	2.784	0.524	2.480	1.766	0.643	3.052	1.484

8053	42.025	452.271	672.753	0.322	1.505	2.698	0.511	2.437	1.615	0.630	3.008	1.374
8054	39.969	466.757	577.388	0.329	1.535	2.742	0.514	2.445	1.688	0.634	3.015	1.443
8055	37.966	459.044	636.646	0.330	1.549	2.733	0.514	2.451	1.692	0.634	3.021	1.437
8056	33.937	417.409	694.602	0.345	1.604	2.758	0.525	2.490	1.749	0.646	3.060	1.493
8057	38.524	437.466	648.173	0.333	1.546	2.735	0.515	2.449	1.687	0.635	3.019	1.441
8058	40.553	439.956	695.710	0.325	1.522	2.668	0.513	2.446	1.623	0.631	3.007	1.393
8059	38.914	519.295	642.570	0.328	1.532	2.633	0.513	2.444	1.616	0.634	3.021	1.382
8060	33.715	421.311	710.572	0.347	1.602	2.761	0.526	2.486	1.750	0.644	3.049	1.502
8061	47.029	458.707	667.064	0.313	1.468	2.639	0.503	2.402	1.575	0.625	2.982	1.339
8062	32.943	515.960	683.110	0.347	1.592	2.746	0.526	2.483	1.719	0.642	3.045	1.454
8063	35.478	470.160	669.449	0.341	1.571	2.733	0.522	2.469	1.708	0.641	3.036	1.455
8064	33.826	495.545	661.589	0.344	1.588	2.725	0.523	2.478	1.715	0.642	3.041	1.469
8065	37.246	478.950	697.956	0.454	1.499	3.612	0.517	2.455	1.645	0.636	3.024	1.410
8066	30.648	422.179	654.268	0.448	1.590	3.739	0.538	2.524	1.859	0.653	3.067	1.609
8067	39.054	417.067	671.261	0.332	1.539	2.766	0.516	2.447	1.705	0.635	3.020	1.436
8068	28.262	479.396	696.858	0.616	1.594	4.338	0.648	2.494	2.533	0.664	3.075	1.676
8069	33.815	481.822	650.418	0.350	1.585	2.828	0.527	2.475	1.777	0.643	3.045	1.480
8070	24.824	473.204	641.131	1.370	1.615	6.304	0.922	2.498	3.500	0.765	3.082	2.305
8071	24.954	446.632	653.232	1.381	1.614	6.361	0.896	2.518	3.396	0.779	3.076	2.388
8072	41.968	432.664	717.117	0.328	1.499	2.780	0.512	2.425	1.674	0.629	3.003	1.370
8073	29.487	479.683	677.937	0.546	1.584	4.083	0.537	2.525	1.808	0.696	3.054	1.891
8074	43.319	484.378	658.203	0.321	1.491	2.678	0.508	2.417	1.617	0.628	2.994	1.359
8075	36.846	436.361	681.493	0.336	1.561	2.734	0.518	2.459	1.697	0.638	3.030	1.449
8076	31.432	481.044	676.029	0.351	1.621	2.753	0.533	2.497	1.808	0.647	3.057	1.515
8077	22.428	491.232	632.277	2.034	1.634	7.582	1.242	2.530	4.180	1.092	3.079	3.279
8078	31.597	513.524	682.090	0.366	1.594	2.968	0.539	2.487	1.864	0.650	3.067	1.497
8079	40.589	427.878	680.040	0.329	1.520	2.733	0.513	2.435	1.669	0.632	3.007	1.411
8080	31.547	433.069	630.934	0.354	1.638	2.823	0.532	2.512	1.816	0.649	3.060	1.576
8081	43.418	501.316	627.931	0.318	1.491	2.668	0.507	2.422	1.602	0.628	3.001	1.346
8082	29.470	447.617	593.799	0.535	1.589	4.249	0.539	2.525	1.925	0.656	3.080	1.641
8083	29.832	451.930	665.061	0.473	1.593	3.842	0.598	2.482	2.351	0.698	3.050	1.931
8084	32.848	454.105	659.115	0.351	1.605	2.829	0.528	2.486	1.799	0.646	3.060	1.496
8085	35.954	474.885	664.301	0.337	1.565	2.721	0.519	2.462	1.697	0.638	3.030	1.446
8086	39.481	493.833	607.490	0.328	1.532	2.701	0.513	2.443	1.653	0.633	3.011	1.419
8087	39.723	462.945	638.701	0.327	1.530	2.711	0.513	2.445	1.652	0.633	3.015	1.413
8088	44.809	480.010	647.917	0.315	1.482	2.630	0.505	2.411	1.590	0.626	2.991	1.348
8089	20.221	493.621	631.907	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8090	27.138	493.479	662.336	0.680	1.604	4.585	0.672	2.498	2.659	0.771	3.052	2.261
8091	38.087	439.866	663.285	0.338	1.541	2.823	0.520	2.447	1.746	0.636	3.024	1.433
8092	32.827	493.805	673.278	0.344	1.601	2.696	0.524	2.489	1.704	0.646	3.063	1.459
8093	31.620	469.401	676.237	0.355	1.619	2.807	0.530	2.498	1.783	0.647	3.057	1.521
8094	34.191	468.872	670.941	0.346	1.584	2.774	0.525	2.479	1.735	0.644	3.055	1.456
8095	22.342	492.082	620.714	1.921	1.636	7.423	1.712	2.520	4.977	83.944	3.070	55.595
8096	31.095	491.972	635.697	0.508	1.565	3.941	0.637	2.475	2.447	0.727	3.035	2.034

8097	30.403	472.214	654.306	0.408	1.591	3.428	0.534	2.505	1.845	0.650	3.065	1.559
8098	31.997	463.133	658.041	0.355	1.616	2.842	0.531	2.496	1.810	0.646	3.057	1.520
8099	35.791	477.870	697.650	0.338	1.564	2.706	0.519	2.464	1.680	0.639	3.034	1.427
8100	40.286	436.914	642.770	0.329	1.529	2.723	0.513	2.438	1.667	0.634	3.014	1.422
8101	34.532	453.339	652.579	0.341	1.589	2.733	0.522	2.480	1.719	0.641	3.041	1.484
8102	25.859	474.170	620.885	0.789	1.611	5.129	0.695	2.502	2.864	0.779	3.074	2.339
8103	32.287	431.379	648.105	0.358	1.611	2.957	0.534	2.486	1.897	0.646	3.060	1.533
8104	35.819	414.838	660.064	0.340	1.578	2.792	0.521	2.469	1.756	0.642	3.047	1.474
8105	31.383	487.480	645.371	0.351	1.624	2.772	0.529	2.505	1.762	0.721	3.035	1.995
8106	40.176	451.843	729.170	0.400	1.481	3.359	0.512	2.436	1.632	0.632	3.012	1.374
8107	28.666	543.212	658.910	0.550	1.587	4.024	0.537	2.528	1.769	0.655	3.081	1.542
8108	30.284	448.525	690.326	0.540	1.576	4.087	0.540	2.505	1.900	0.653	3.077	1.555
8109	47.759	496.247	667.146	0.311	1.455	2.610	0.502	2.397	1.548	0.623	2.980	1.306
8110	29.928	476.224	691.823	0.366	1.638	2.900	0.585	2.496	2.195	0.652	3.073	1.542
8111	31.613	483.445	692.244	0.355	1.613	2.799	0.532	2.494	1.791	0.647	3.059	1.503
8112	32.765	457.071	607.989	0.354	1.612	2.872	0.530	2.493	1.824	0.647	3.054	1.548
8113	55.356	494.755	636.943	0.299	1.406	2.631	0.496	2.375	1.514	0.618	2.962	1.261
8114	43.365	515.344	662.943	0.328	1.477	2.784	0.513	2.414	1.668	0.628	2.995	1.347
8115	37.914	481.614	701.801	0.331	1.540	2.646	0.515	2.449	1.633	0.636	3.025	1.387
8116	44.036	484.765	646.518	0.319	1.489	2.643	0.507	2.418	1.586	0.628	2.996	1.357
8117	31.583	444.675	649.944	0.380	1.599	3.192	0.531	2.499	1.824	0.649	3.062	1.548
8118	33.492	469.116	658.544	0.346	1.596	2.768	0.525	2.481	1.755	0.642	3.044	1.489
8119	45.360	454.216	694.802	0.316	1.479	2.641	0.505	2.410	1.580	0.627	2.995	1.333
8120	43.730	455.303	663.332	0.320	1.493	2.671	0.508	2.419	1.611	0.629	3.002	1.356
8121	45.547	485.030	644.184	0.315	1.474	2.660	0.505	2.410	1.585	0.625	2.987	1.342
8122	33.989	455.512	619.537	0.347	1.595	2.824	0.525	2.480	1.780	0.642	3.043	1.508
8123	34.156	489.133	682.612	0.340	1.583	2.706	0.521	2.477	1.695	0.648	3.043	1.521
8124	40.453	476.108	676.918	0.326	1.517	2.652	0.512	2.434	1.619	0.632	3.010	1.377
8125	36.705	505.421	679.898	0.334	1.552	2.664	0.517	2.459	1.637	0.636	3.023	1.412
8126	33.784	438.729	690.002	0.348	1.599	2.773	0.527	2.489	1.741	0.645	3.048	1.501
8127	35.899	473.772	625.635	0.339	1.571	2.743	0.520	2.465	1.718	0.640	3.035	1.467
8128	44.606	491.031	636.335	0.316	1.482	2.657	0.505	2.411	1.599	0.626	2.992	1.349
8129	35.055	526.569	636.518	0.338	1.570	2.698	0.520	2.468	1.679	0.638	3.033	1.432
8130	38.454	453.519	685.164	0.331	1.539	2.698	0.515	2.450	1.657	0.635	3.020	1.413
8131	26.789	480.310	684.891	0.951	1.589	5.293	0.634	2.513	2.506	0.729	3.075	2.075
8132	37.456	482.950	618.575	0.339	1.545	2.820	0.521	2.452	1.746	0.637	3.025	1.440
8133	28.341	494.305	604.793	0.517	1.602	4.077	0.657	2.488	2.616	0.745	3.058	2.148
8134	37.473	462.810	691.193	0.335	1.544	2.750	0.518	2.452	1.694	0.635	3.025	1.411
8135	28.059	480.724	682.825	0.703	1.590	4.619	0.633	2.496	2.485	0.716	3.062	2.004
8136	31.261	502.974	637.260	0.358	1.616	2.868	0.534	2.498	1.829	0.647	3.058	1.524
8137	38.955	497.067	700.568	0.328	1.525	2.647	0.513	2.440	1.624	0.632	3.011	1.375
8138	39.677	479.944	646.087	0.329	1.529	2.673	0.514	2.444	1.632	0.634	3.015	1.398
8139	26.417	443.608	677.272	0.879	1.598	5.314	0.684	2.513	2.763	0.765	3.074	2.264
8140	35.320	414.899	704.432	0.349	1.575	2.874	0.526	2.466	1.804	0.640	3.037	1.478

8141	27.349	485.137	653.859	0.855	1.590	5.068	0.668	2.499	2.649	0.661	3.095	1.634
8142	52.716	434.622	684.336	0.306	1.426	2.697	0.500	2.380	1.582	0.620	2.966	1.308
8143	40.366	481.650	604.978	0.333	1.515	2.838	0.516	2.433	1.729	0.632	3.012	1.399
8144	31.318	444.859	668.336	0.456	1.577	3.741	0.532	2.512	1.805	0.649	3.067	1.545
8145	46.723	474.998	658.480	0.314	1.464	2.669	0.506	2.414	1.568	0.626	2.991	1.320
8146	45.327	484.897	643.722	0.316	1.476	2.659	0.505	2.410	1.593	0.626	2.991	1.340
8147	29.072	484.640	629.169	0.570	1.586	4.250	0.538	2.522	1.874	0.653	3.078	1.587
8148	40.075	456.458	649.721	0.329	1.523	2.754	0.514	2.437	1.687	0.632	3.010	1.408
8149	31.187	429.304	624.821	0.357	1.644	2.860	0.533	2.516	1.835	0.651	3.066	1.590
8150	33.182	467.554	664.963	0.346	1.598	2.783	0.525	2.483	1.758	0.643	3.050	1.487
8151	37.948	428.206	702.039	0.334	1.550	2.726	0.517	2.455	1.686	0.636	3.024	1.431
8152	54.463	464.675	704.821	0.303	1.411	2.629	0.497	2.379	1.489	0.619	2.964	1.259
8153	35.168	479.550	658.152	0.358	1.556	2.977	0.534	2.460	1.856	0.644	3.032	1.500
8154	34.409	451.595	626.564	0.344	1.593	2.788	0.524	2.479	1.761	0.642	3.040	1.507
8155	43.235	451.035	668.966	0.408	1.455	3.468	0.508	2.424	1.614	0.628	2.996	1.370
8156	27.054	500.067	609.672	0.647	1.608	4.564	0.669	2.493	2.703	0.659	3.091	1.647
8157	42.900	483.019	671.018	0.323	1.490	2.722	0.509	2.419	1.634	0.627	2.995	1.351
8158	38.800	495.101	683.393	0.329	1.532	2.642	0.514	2.446	1.622	0.635	3.028	1.371
8159	37.978	425.156	656.986	0.335	1.554	2.737	0.518	2.456	1.700	0.637	3.022	1.456
8160	33.023	487.683	644.241	0.345	1.602	2.739	0.524	2.488	1.727	0.644	3.049	1.489
8161	45.509	489.343	660.824	0.316	1.474	2.648	0.505	2.410	1.575	0.626	2.990	1.332
8162	32.155	501.743	673.623	0.350	1.606	2.756	0.528	2.487	1.757	0.646	3.060	1.476
8163	26.376	528.292	668.847	0.771	1.606	4.735	0.640	2.498	2.532	0.746	3.063	2.133
8164	41.830	510.337	676.531	0.327	1.495	2.711	0.512	2.420	1.635	0.629	3.000	1.347
8165	36.212	468.009	651.443	0.336	1.565	2.719	0.519	2.464	1.691	0.640	3.045	1.430
8166	43.486	471.071	662.168	0.373	1.457	3.239	0.507	2.421	1.595	0.628	2.997	1.359
8167	41.881	434.661	660.809	0.351	1.486	3.084	0.512	2.443	1.625	0.632	3.012	1.390
8168	35.088	507.274	676.440	0.336	1.572	2.655	0.519	2.473	1.654	0.638	3.033	1.430
8169	30.837	476.525	641.945	0.486	1.572	3.871	0.533	2.507	1.810	0.651	3.064	1.559
8170	36.036	483.722	599.951	0.339	1.568	2.786	0.521	2.466	1.739	0.639	3.034	1.468
8171	36.816	520.854	704.549	0.330	1.547	2.623	0.515	2.457	1.613	0.635	3.028	1.377
8172	32.253	423.701	628.070	0.356	1.627	2.864	0.532	2.501	1.838	0.650	3.058	1.582
8173	32.067	495.915	618.099	0.349	1.616	2.789	0.527	2.494	1.783	0.646	3.057	1.518
8174	43.167	472.542	637.671	0.321	1.497	2.701	0.508	2.423	1.627	0.629	3.002	1.369
8175	34.229	456.162	656.220	0.342	1.590	2.748	0.523	2.479	1.733	0.643	3.052	1.470
8176	31.844	451.311	676.417	0.353	1.626	2.789	0.531	2.503	1.783	0.648	3.061	1.525
8177	32.696	462.004	631.846	0.352	1.609	2.836	0.528	2.490	1.794	0.645	3.049	1.531
8178	33.342	447.752	678.577	0.348	1.604	2.787	0.526	2.488	1.763	0.644	3.051	1.500
8179	40.331	419.663	685.700	0.328	1.527	2.726	0.514	2.442	1.666	0.633	3.011	1.419
8180	33.056	500.671	650.025	0.345	1.598	2.722	0.524	2.484	1.716	0.643	3.046	1.481
8181	45.471	471.941	699.712	0.315	1.472	2.621	0.505	2.408	1.561	0.626	2.994	1.317
8182	32.278	438.386	678.034	0.358	1.616	2.873	0.532	2.499	1.803	0.649	3.063	1.526
8183	43.381	488.077	712.462	0.318	1.487	2.600	0.506	2.417	1.563	0.627	2.995	1.330
8184	29.661	464.387	684.608	0.501	1.589	3.904	0.610	2.485	2.362	0.706	3.063	1.920

8185	21.806	450.083	696.717	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8186	41.329	428.773	642.908	0.337	1.507	2.907	0.520	2.427	1.779	0.635	3.020	1.415
8187	33.496	481.728	644.107	0.343	1.597	2.731	0.523	2.482	1.726	0.642	3.043	1.489
8188	31.667	480.852	686.334	0.452	1.561	3.647	0.000	0.000	0.000	0.000	0.000	0.000
8189	42.545	465.049	701.094	0.322	1.498	2.653	0.509	2.422	1.605	0.629	3.000	1.358
8190	35.430	475.147	720.329	0.340	1.572	2.677	0.000	0.000	0.000	0.643	3.037	1.460
8191	37.591	458.303	676.251	0.335	1.550	2.687	0.518	2.457	1.661	0.638	3.026	1.429
8192	50.289	446.639	684.379	0.308	1.443	2.641	0.000	0.000	0.000	0.000	0.000	0.000
8193	46.497	472.354	668.959	0.316	1.465	2.687	0.507	2.411	1.592	0.000	0.000	0.000
8194	38.444	432.462	660.633	0.335	1.544	2.770	0.517	2.451	1.709	0.635	3.020	1.434
8195	30.642	455.552	650.838	0.383	1.612	3.192	0.533	2.520	1.800	0.650	3.065	1.565
8196	26.581	509.124	709.744	0.631	1.616	4.351	0.695	2.489	2.729	0.779	3.062	2.251
8197	35.024	478.332	617.410	0.350	1.572	2.875	0.528	2.466	1.811	0.642	3.039	1.482
8198	40.950	507.261	631.132	0.323	1.512	2.673	0.510	2.434	1.615	0.631	3.010	1.371
8199	48.512	469.509	629.077	0.311	1.455	2.673	0.502	2.397	1.578	0.623	2.978	1.337
8200	36.569	455.681	620.411	0.339	1.562	2.814	0.520	2.460	1.753	0.637	3.029	1.459
8201	32.674	442.411	710.147	0.347	1.612	2.749	0.526	2.495	1.744	0.645	3.055	1.499
8202	33.548	453.793	678.561	0.347	1.598	2.751	0.526	2.484	1.742	0.644	3.044	1.498
8203	36.067	469.195	636.104	0.338	1.568	2.735	0.520	2.466	1.709	0.640	3.040	1.447
8204	39.799	459.796	670.399	0.327	1.528	2.679	0.513	2.443	1.636	0.634	3.021	1.389
8205	24.885	471.595	652.348	1.353	1.616	6.225	0.915	2.503	3.448	0.942	3.075	2.803
8206	28.264	463.766	639.017	0.600	1.596	4.398	0.625	2.494	2.493	0.704	3.065	1.968
8207	37.353	463.589	669.634	0.336	1.548	2.756	0.518	2.451	1.704	0.636	3.026	1.422
8208	40.573	494.984	619.506	0.425	1.475	3.532	0.513	2.446	1.619	0.632	3.012	1.389
8209	35.262	480.421	595.046	0.341	1.579	2.791	0.521	2.471	1.738	0.642	3.046	1.474
8210	42.653	502.541	653.562	0.318	1.495	2.640	0.509	2.432	1.583	0.627	2.995	1.352
8211	32.890	460.061	658.961	0.435	1.555	3.590	0.528	2.492	1.761	0.645	3.048	1.509
8212	36.988	431.359	656.859	0.337	1.562	2.762	0.519	2.461	1.717	0.638	3.026	1.462
8213	32.107	465.652	652.906	0.350	1.619	2.766	0.528	2.498	1.761	0.647	3.059	1.518
8214	38.099	489.177	635.762	0.332	1.542	2.715	0.516	2.452	1.668	0.635	3.018	1.421
8215	32.020	467.122	654.580	0.351	1.620	2.775	0.529	2.502	1.764	0.647	3.060	1.519
8216	42.019	510.044	625.506	0.322	1.501	2.676	0.509	2.429	1.607	0.631	3.012	1.353
8217	24.920	517.079	631.833	0.935	1.617	5.335	0.912	2.513	3.313	0.895	3.077	2.619
8218	25.968	459.217	647.200	0.900	1.605	5.392	0.660	2.519	2.695	0.766	3.074	2.289
8219	33.872	463.193	677.064	0.350	1.583	2.854	0.629	2.448	2.382	0.712	3.025	1.921
8220	40.187	472.663	629.371	0.328	1.524	2.706	0.515	2.451	1.634	0.633	3.011	1.408
8221	27.634	467.602	676.207	0.641	1.601	4.498	0.630	2.507	2.489	0.757	3.049	2.220
8222	35.531	421.510	640.324	0.347	1.575	2.886	0.525	2.468	1.803	0.641	3.035	1.499
8223	33.929	414.355	658.589	0.346	1.605	2.798	0.525	2.487	1.775	0.644	3.048	1.524
8224	26.091	451.116	629.986	0.927	1.604	5.501	0.697	2.516	2.848	0.767	3.069	2.317
8225	35.721	509.935	614.311	0.342	1.560	2.822	0.523	2.462	1.757	0.637	3.031	1.441
8226	36.137	520.064	655.594	0.334	1.558	2.676	0.518	2.463	1.656	0.636	3.027	1.418
8227	40.679	472.995	655.521	0.326	1.518	2.666	0.512	2.441	1.615	0.631	3.005	1.391
8228	48.848	506.891	661.487	0.307	1.449	2.554	0.500	2.392	1.525	0.621	2.973	1.291

8229	40.109	429.771	710.076	0.331	1.522	2.742	0.514	2.436	1.676	0.634	3.025	1.375
8230	26.902	485.565	641.409	0.603	1.614	4.409	0.641	2.510	2.551	0.764	3.060	2.248
8231	24.400	475.203	615.241	1.068	1.624	5.811	0.924	2.508	3.523	0.770	3.085	2.348
8232	38.769	462.105	644.075	0.336	1.531	2.837	0.518	2.441	1.745	0.634	3.021	1.412
8233	33.141	482.722	624.056	0.345	1.604	2.756	0.525	2.492	1.739	0.644	3.046	1.507
8234	35.233	436.804	640.605	0.342	1.582	2.799	0.523	2.475	1.751	0.642	3.049	1.474
8235	43.914	460.937	663.927	0.317	1.490	2.657	0.508	2.424	1.597	0.628	3.000	1.348
8236	34.639	411.698	630.618	0.346	1.596	2.830	0.525	2.484	1.788	0.643	3.041	1.528
8237	37.285	443.561	662.231	0.333	1.556	2.719	0.516	2.456	1.692	0.636	3.025	1.441
8238	27.269	471.984	708.281	0.559	1.616	4.150	0.642	2.505	2.520	0.756	3.058	2.188
8239	42.872	448.755	671.885	0.326	1.495	2.739	0.512	2.421	1.657	0.630	3.003	1.371
8240	41.712	454.892	687.740	0.323	1.508	2.669	0.510	2.432	1.607	0.630	3.005	1.371
8241	28.390	449.919	667.876	0.568	1.601	4.277	0.640	2.493	2.553	0.737	3.069	2.099
8242	37.574	439.305	687.431	0.336	1.548	2.767	0.519	2.454	1.714	0.636	3.024	1.433
8243	37.110	462.231	700.924	0.334	1.556	2.673	0.517	2.459	1.652	0.637	3.025	1.423
8244	52.637	473.723	714.969	0.303	1.426	2.538	0.498	2.380	1.492	0.620	2.972	1.257
8245	31.308	494.276	604.512	0.373	1.608	3.073	0.546	2.506	1.926	0.652	3.055	1.590
8246	37.510	481.504	661.814	0.333	1.545	2.726	0.516	2.451	1.679	0.635	3.024	1.416
8247	35.941	486.761	678.445	0.337	1.564	2.688	0.518	2.463	1.668	0.639	3.033	1.430
8248	29.951	475.445	711.504	0.474	1.585	3.739	0.578	2.494	2.153	0.678	3.071	1.731
8249	44.641	467.503	627.990	0.320	1.484	2.708	0.508	2.412	1.628	0.627	2.990	1.371
8250	36.827	507.341	668.415	0.333	1.549	2.679	0.517	2.463	1.638	0.635	3.023	1.405
8251	40.211	490.791	589.209	0.328	1.526	2.714	0.513	2.439	1.660	0.634	3.012	1.420
8252	24.684	483.207	683.811	3.094	1.603	8.535	0.729	2.514	2.945	0.906	3.072	2.692
8253	33.744	486.898	635.786	0.355	1.582	2.906	0.532	2.476	1.834	0.643	3.045	1.482
8254	34.682	433.561	682.553	0.343	1.586	2.763	0.523	2.475	1.744	0.642	3.041	1.485
8255	24.065	452.654	667.929	3.132	1.606	8.911	0.894	2.532	3.394	0.983	3.067	2.983
8256	29.413	484.615	676.287	0.502	1.587	3.906	0.574	2.496	2.156	0.654	3.072	1.584
8257	35.038	451.580	658.083	0.345	1.576	2.814	0.524	2.472	1.755	0.641	3.037	1.475
8258	39.376	475.687	703.249	0.327	1.527	2.642	0.513	2.444	1.614	0.635	3.028	1.361
8259	41.720	481.619	626.825	0.336	1.496	2.871	0.512	2.438	1.608	0.631	3.005	1.385
8260	39.576	477.351	670.457	0.326	1.525	2.673	0.513	2.448	1.619	0.633	3.019	1.382
8261	30.936	452.387	652.196	0.357	1.638	2.823	0.533	2.511	1.809	0.651	3.065	1.565
8262	35.573	501.548	681.314	0.338	1.562	2.707	0.519	2.462	1.680	0.639	3.042	1.409
8263	31.946	486.598	667.917	0.351	1.613	2.753	0.529	2.495	1.756	0.646	3.052	1.511
8264	40.005	514.018	636.372	0.327	1.518	2.676	0.512	2.435	1.634	0.633	3.015	1.378
8265	35.740	482.365	687.308	0.337	1.567	2.681	0.519	2.467	1.671	0.639	3.035	1.430
8266	31.970	472.318	710.363	0.490	1.559	3.779	0.529	2.495	1.746	0.647	3.054	1.501
8267	52.855	493.297	625.026	0.304	1.423	2.605	0.498	2.378	1.521	0.619	2.960	1.291
8268	32.962	454.088	616.863	0.384	1.573	3.298	0.538	2.492	1.904	0.647	3.047	1.568
8269	34.451	518.598	658.508	0.338	1.576	2.693	0.520	2.473	1.683	0.639	3.036	1.438
8270	38.096	496.019	669.752	0.331	1.538	2.669	0.515	2.450	1.634	0.635	3.021	1.396
8271	37.824	444.153	645.226	0.335	1.553	2.734	0.517	2.454	1.692	0.638	3.035	1.430
8272	32.878	476.840	619.574	0.347	1.609	2.768	0.526	2.494	1.755	0.644	3.050	1.516

8273	35.125	470.483	658.345	0.340	1.576	2.745	0.521	2.472	1.716	0.639	3.035	1.459
8274	29.670	515.772	670.306	0.461	1.584	3.672	0.595	2.491	2.237	0.651	3.080	1.509
8275	28.582	474.593	672.806	0.572	1.596	4.220	0.621	2.497	2.432	0.712	3.058	1.987
8276	40.581	423.066	637.538	0.331	1.524	2.804	0.515	2.437	1.713	0.635	3.026	1.411
8277	37.684	425.460	682.745	0.333	1.557	2.721	0.516	2.457	1.695	0.636	3.024	1.446
8278	34.555	450.897	623.617	0.343	1.593	2.762	0.523	2.481	1.742	0.643	3.043	1.506
8279	41.672	482.887	607.543	0.323	1.511	2.713	0.510	2.432	1.645	0.631	3.012	1.388
8280	41.624	485.494	639.830	0.321	1.508	2.672	0.509	2.428	1.623	0.630	3.005	1.374
8281	39.962	471.001	714.497	0.325	1.521	2.630	0.512	2.440	1.602	0.632	3.011	1.371
8282	36.724	465.967	687.153	0.336	1.557	2.676	0.519	2.462	1.659	0.638	3.026	1.432
8283	30.724	462.522	634.141	0.359	1.641	2.849	0.533	2.511	1.821	0.651	3.063	1.580
8284	50.318	415.203	662.281	0.310	1.444	2.759	0.502	2.391	1.619	0.623	2.980	1.341
8285	38.157	464.594	646.037	0.335	1.539	2.794	0.518	2.446	1.722	0.634	3.021	1.415
8286	30.451	465.232	633.539	0.357	1.646	2.824	0.532	2.513	1.815	0.651	3.075	1.558
8287	39.704	481.657	638.368	0.328	1.526	2.719	0.514	2.441	1.665	0.633	3.019	1.393
8288	37.826	488.399	666.386	0.330	1.544	2.662	0.515	2.450	1.644	0.635	3.022	1.406
8289	38.820	469.300	654.666	0.330	1.536	2.687	0.514	2.449	1.645	0.635	3.017	1.412
8290	30.621	467.402	694.211	0.390	1.607	3.202	0.592	2.495	2.217	0.651	3.073	1.530
8291	34.561	473.124	632.273	0.346	1.583	2.806	0.524	2.473	1.755	0.642	3.041	1.488
8292	30.967	462.669	648.858	0.375	1.611	3.114	0.531	2.508	1.805	0.649	3.066	1.548
8293	41.639	472.835	650.660	0.324	1.508	2.702	0.511	2.430	1.636	0.631	3.009	1.374
8294	31.896	491.560	688.436	0.349	1.612	2.738	0.528	2.495	1.740	0.647	3.066	1.478
8295	38.742	455.350	647.632	0.333	1.538	2.743	0.516	2.446	1.686	0.637	3.030	1.412
8296	25.784	453.486	640.158	1.164	1.605	5.935	0.714	2.524	2.874	0.816	3.067	2.483
8297	35.138	483.006	620.052	0.346	1.570	2.873	0.525	2.466	1.792	0.639	3.036	1.469
8298	31.037	458.129	693.963	0.355	1.633	2.793	0.533	2.519	1.773	0.659	3.061	1.630
8299	28.931	480.462	660.176	0.580	1.577	4.292	0.539	2.520	1.873	0.656	3.086	1.571
8300	41.265	502.494	639.426	0.325	1.507	2.700	0.513	2.434	1.638	0.631	3.006	1.373
8301	36.544	450.662	647.089	0.337	1.565	2.740	0.519	2.461	1.710	0.638	3.028	1.457
8302	34.538	450.447	645.325	0.342	1.590	2.758	0.523	2.481	1.732	0.642	3.042	1.491
8303	34.228	498.792	650.204	0.341	1.584	2.713	0.522	2.477	1.704	0.641	3.042	1.460
8304	33.492	443.507	630.879	0.367	1.582	3.097	0.527	2.488	1.785	0.645	3.046	1.531
8305	25.082	450.495	607.842	1.316	1.614	6.308	0.720	2.512	3.020	0.954	3.066	2.914
8306	40.642	440.225	650.517	0.329	1.515	2.819	0.514	2.434	1.716	0.631	3.011	1.403
8307	28.504	440.338	659.284	0.607	1.595	4.462	0.663	2.493	2.653	0.715	3.067	2.020
8308	33.151	410.257	633.043	0.354	1.612	2.912	0.530	2.489	1.861	0.646	3.055	1.554
8309	52.818	462.911	655.584	0.302	1.424	2.642	0.497	2.377	1.546	0.618	2.961	1.295
8310	36.202	476.720	687.481	0.346	1.549	2.853	0.525	2.453	1.770	0.637	3.028	1.428
8311	40.036	478.181	595.236	0.329	1.532	2.718	0.513	2.442	1.668	0.634	3.011	1.430
8312	29.326	479.850	664.133	0.476	1.593	3.806	0.619	2.482	2.418	0.706	3.052	1.947
8313	34.108	456.938	710.819	0.347	1.586	2.780	0.526	2.477	1.754	0.643	3.046	1.466
8314	29.142	510.571	662.210	0.538	1.584	4.024	0.536	2.517	1.812	0.708	3.053	1.937
8315	24.194	521.007	650.986	1.874	1.621	6.855	0.887	2.517	3.299	0.773	3.081	2.300
8316	40.434	429.958	678.660	0.335	1.514	2.838	0.517	2.430	1.736	0.632	3.009	1.402

8317	37.689	477.242	607.561	0.333	1.554	2.715	0.516	2.454	1.689	0.637	3.026	1.446
8318	22.115	476.740	680.860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8319	47.750	436.119	682.493	0.323	1.449	2.852	0.508	2.396	1.667	0.624	2.980	1.341
8320	29.440	471.384	672.004	0.391	1.627	3.206	0.635	2.484	2.482	0.716	3.073	1.951
8321	36.818	450.905	619.678	0.340	1.562	2.805	0.521	2.460	1.751	0.638	3.028	1.468
8322	42.080	529.991	650.496	0.318	1.497	2.618	0.507	2.421	1.586	0.627	2.997	1.342
8323	39.638	447.900	678.527	0.330	1.530	2.700	0.514	2.443	1.650	0.633	3.012	1.408
8324	37.133	441.587	690.770	0.335	1.560	2.703	0.517	2.459	1.681	0.637	3.026	1.443
8325	33.459	461.636	632.239	0.347	1.605	2.764	0.526	2.488	1.756	0.646	3.058	1.498
8326	33.831	470.415	710.106	0.343	1.591	2.717	0.597	2.448	2.251	0.643	3.058	1.440
8327	40.489	481.526	640.987	0.327	1.520	2.686	0.513	2.438	1.635	0.632	3.005	1.400
8328	46.069	424.817	657.470	0.316	1.477	2.715	0.507	2.417	1.614	0.627	2.993	1.363
8329	38.144	471.549	650.585	0.331	1.542	2.720	0.516	2.452	1.669	0.636	3.030	1.405
8330	29.106	462.090	625.837	0.474	1.601	3.884	0.538	2.529	1.867	0.689	3.073	1.860
8331	35.682	491.349	667.802	0.339	1.563	2.753	0.520	2.462	1.713	0.637	3.031	1.433
8332	43.879	519.907	619.240	0.335	1.468	2.904	0.506	2.417	1.579	0.627	2.991	1.349
8333	35.617	449.229	647.527	0.408	1.530	3.464	0.521	2.470	1.738	0.639	3.034	1.471
8334	37.519	440.964	620.198	0.335	1.559	2.771	0.518	2.460	1.715	0.637	3.025	1.467
8335	45.195	423.492	640.930	0.317	1.486	2.746	0.506	2.413	1.658	0.627	2.995	1.381
8336	29.127	501.940	651.472	0.370	1.641	2.977	0.604	2.486	2.343	0.652	3.080	1.548
8337	29.775	456.557	633.102	0.478	1.590	3.892	0.542	2.525	1.902	0.653	3.076	1.589
8338	37.931	530.034	594.529	0.332	1.540	2.726	0.516	2.449	1.684	0.635	3.021	1.417
8339	53.418	495.490	681.481	0.301	1.416	2.584	0.496	2.375	1.499	0.617	2.959	1.261
8340	34.413	433.579	647.207	0.363	1.574	3.051	0.537	2.469	1.909	0.647	3.039	1.552
8341	43.517	453.081	682.578	0.318	1.493	2.660	0.508	2.426	1.598	0.628	3.002	1.350
8342	37.927	466.427	657.774	0.332	1.546	2.699	0.516	2.455	1.662	0.635	3.020	1.423
8343	37.121	459.538	651.989	0.334	1.557	2.718	0.517	2.460	1.679	0.637	3.025	1.444
8344	30.657	494.696	648.509	0.354	1.633	2.770	0.531	2.510	1.770	0.649	3.065	1.529
8345	35.567	526.258	647.325	0.339	1.560	2.726	0.520	2.465	1.683	0.638	3.029	1.426
8346	28.778	461.804	684.011	0.681	1.580	4.578	0.598	2.494	2.326	0.690	3.062	1.871
8347	34.312	465.418	618.601	0.348	1.587	2.850	0.527	2.475	1.800	0.644	3.051	1.485
8348	39.401	496.669	645.081	0.390	1.488	3.327	0.513	2.449	1.625	0.632	3.013	1.394
8349	34.647	462.168	631.565	0.343	1.586	2.771	0.523	2.482	1.727	0.643	3.048	1.477
8350	32.444	449.799	719.547	0.349	1.611	2.758	0.527	2.493	1.749	0.645	3.052	1.500
8351	37.717	498.974	684.397	0.333	1.541	2.661	0.518	2.460	1.619	0.637	3.028	1.390
8352	25.426	465.754	664.705	0.963	1.612	5.501	0.902	2.503	3.372	0.773	3.079	2.313
8353	37.676	450.827	576.286	0.342	1.551	2.925	0.522	2.450	1.820	0.637	3.023	1.483
8354	34.745	467.735	666.997	0.338	1.581	2.734	0.519	2.472	1.711	0.639	3.041	1.457
8355	36.240	455.675	666.153	0.337	1.565	2.720	0.519	2.462	1.701	0.640	3.042	1.429
8356	32.917	469.724	612.839	0.349	1.610	2.805	0.527	2.490	1.780	0.646	3.052	1.530
8357	31.883	484.438	696.686	0.350	1.615	2.751	0.528	2.498	1.749	0.646	3.064	1.479
8358	38.685	513.448	653.433	0.331	1.530	2.684	0.515	2.443	1.639	0.635	3.022	1.386
8359	30.643	468.195	634.130	0.358	1.640	2.836	0.533	2.508	1.831	0.651	3.067	1.568
8360	42.259	488.317	675.452	0.321	1.496	2.669	0.510	2.433	1.594	0.628	3.000	1.353

8361	26.907	534.011	644.952	0.597	1.609	4.270	0.622	2.499	2.446	0.750	3.055	2.158
8362	51.314	481.176	643.225	0.308	1.429	2.683	0.501	2.383	1.574	0.620	2.966	1.301
8363	39.929	526.121	673.777	0.329	1.510	2.713	0.514	2.433	1.645	0.631	3.011	1.346
8364	49.813	420.198	655.548	0.312	1.451	2.718	0.503	2.394	1.608	0.624	2.978	1.351
8365	36.216	477.783	627.885	0.339	1.561	2.800	0.520	2.460	1.740	0.640	3.045	1.428
8366	35.386	448.641	667.967	0.339	1.576	2.738	0.520	2.469	1.711	0.640	3.038	1.464
8367	38.588	483.567	620.236	0.331	1.541	2.710	0.515	2.452	1.659	0.635	3.022	1.423
8368	31.855	510.705	632.471	0.348	1.614	2.746	0.526	2.496	1.741	0.645	3.052	1.506
8369	47.421	497.317	646.110	0.312	1.456	2.656	0.502	2.397	1.563	0.623	2.978	1.321
8370	34.839	470.870	617.918	0.345	1.580	2.832	0.526	2.481	1.769	0.642	3.046	1.471
8371	36.142	446.679	660.040	0.337	1.569	2.750	0.519	2.464	1.713	0.639	3.034	1.459
8372	34.632	470.878	652.990	0.341	1.585	2.737	0.522	2.477	1.718	0.710	3.024	1.913
8373	32.633	492.353	677.410	0.347	1.601	2.742	0.525	2.486	1.730	0.644	3.052	1.483
8374	29.855	480.138	709.132	0.489	1.585	3.805	0.538	2.526	1.791	0.652	3.073	1.536
8375	34.369	470.252	636.376	0.348	1.583	2.831	0.526	2.477	1.771	0.643	3.042	1.492
8376	32.475	473.758	681.518	0.348	1.608	2.747	0.526	2.491	1.744	0.645	3.054	1.493
8377	32.197	450.842	659.985	0.353	1.618	2.815	0.530	2.494	1.801	0.648	3.062	1.523
8378	42.470	441.833	638.359	0.323	1.507	2.728	0.512	2.438	1.638	0.631	3.009	1.389
8379	33.643	428.732	707.671	0.345	1.602	2.755	0.525	2.491	1.732	0.644	3.050	1.494
8380	38.070	455.565	701.160	0.332	1.543	2.678	0.516	2.453	1.647	0.636	3.022	1.414
8381	29.514	488.802	724.063	0.479	1.590	3.726	0.603	2.500	2.249	0.694	3.049	1.862
8382	37.280	460.167	644.144	0.340	1.550	2.790	0.521	2.455	1.725	0.638	3.023	1.451
8383	37.882	462.544	676.009	0.331	1.546	2.686	0.515	2.453	1.652	0.636	3.029	1.405
8384	22.083	445.408	638.459	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8385	30.275	481.805	645.586	0.390	1.606	3.266	0.546	2.498	1.975	0.654	3.061	1.609
8386	46.609	487.583	633.390	0.314	1.467	2.680	0.505	2.405	1.599	0.625	2.986	1.339
8387	46.523	472.812	626.144	0.314	1.469	2.690	0.505	2.410	1.595	0.625	2.983	1.348
8388	35.957	483.753	663.736	0.337	1.563	2.727	0.519	2.464	1.696	0.637	3.031	1.431
8389	31.715	503.445	686.477	0.372	1.590	3.032	0.527	2.493	1.731	0.647	3.061	1.482
8390	26.686	518.335	611.149	0.777	1.604	4.876	0.659	2.501	2.636	0.736	3.061	2.134
8391	27.417	472.667	676.943	0.637	1.605	4.468	0.666	2.502	2.630	0.786	3.050	2.311
8392	30.165	475.486	681.500	0.371	1.631	2.974	0.540	2.507	1.881	0.651	3.068	1.544
8393	37.262	504.967	655.372	0.335	1.545	2.719	0.518	2.454	1.675	0.636	3.024	1.415
8394	49.115	459.832	682.165	0.309	1.450	2.618	0.501	2.392	1.552	0.623	2.976	1.316
8395	36.995	480.686	673.477	0.337	1.548	2.739	0.520	2.457	1.694	0.636	3.024	1.414
8396	29.331	425.621	662.888	0.638	1.579	4.568	0.612	2.503	2.406	0.735	3.072	2.076
8397	36.309	459.323	640.842	0.339	1.564	2.789	0.520	2.461	1.737	0.638	3.030	1.460
8398	32.079	504.599	680.718	0.347	1.609	2.709	0.526	2.491	1.719	0.644	3.050	1.482
8399	32.139	483.923	677.294	0.352	1.608	2.782	0.529	2.489	1.771	0.646	3.054	1.500
8400	34.233	431.138	665.759	0.347	1.592	2.808	0.526	2.479	1.774	0.644	3.045	1.504
8401	32.480	449.129	624.227	0.351	1.621	2.823	0.528	2.496	1.807	0.647	3.057	1.547
8402	24.798	496.191	622.315	0.921	1.620	5.410	0.886	2.511	3.323	2.688	3.045	5.874
8403	33.742	482.360	686.637	0.351	1.580	2.852	0.599	2.453	2.244	0.691	3.023	1.829
8404	42.301	445.737	660.097	0.324	1.506	2.692	0.510	2.427	1.631	0.630	2.999	1.393

8405	43.812	494.876	642.313	0.319	1.486	2.671	0.506	2.418	1.585	0.627	2.991	1.352
8406	34.011	418.685	624.840	0.348	1.603	2.844	0.527	2.488	1.799	0.645	3.051	1.526
8407	39.522	451.871	638.811	0.327	1.534	2.714	0.513	2.446	1.670	0.633	3.014	1.420
8408	26.124	443.532	628.001	0.947	1.603	5.573	0.741	2.512	3.004	0.789	3.067	2.414
8409	32.348	480.411	649.637	0.355	1.602	2.889	0.531	2.488	1.833	0.645	3.056	1.502
8410	20.352	435.793	676.835	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8411	43.317	451.213	634.495	0.333	1.484	2.913	0.517	2.416	1.754	0.631	2.997	1.411
8412	32.526	466.002	675.219	0.348	1.610	2.761	0.526	2.492	1.752	0.644	3.051	1.500
8413	34.045	469.332	657.695	0.345	1.589	2.764	0.525	2.480	1.740	0.642	3.040	1.487
8414	51.632	468.569	652.864	0.305	1.432	2.632	0.498	2.383	1.538	0.620	2.968	1.299
8415	30.244	446.438	682.321	0.372	1.633	3.022	0.626	2.480	2.447	0.711	3.063	1.941
8416	30.170	472.428	624.869	0.452	1.587	3.729	0.536	2.509	1.873	0.651	3.066	1.580
8417	37.819	387.807	641.863	0.338	1.561	2.860	0.520	2.458	1.781	0.638	3.028	1.493
8418	29.390	485.174	651.083	0.481	1.591	3.844	0.569	2.493	2.156	0.697	3.051	1.909
8419	24.964	502.447	702.524	1.707	1.608	6.552	0.877	2.511	3.217	0.768	3.074	2.265
8420	28.837	499.624	677.302	0.501	1.595	3.880	0.549	2.508	1.967	0.691	3.059	1.854
8421	41.770	503.810	654.290	0.325	1.501	2.683	0.511	2.426	1.627	0.629	2.999	1.366
8422	38.265	448.763	661.128	0.333	1.543	2.723	0.516	2.451	1.672	0.636	3.021	1.430
8423	31.442	422.129	684.628	0.510	1.567	4.011	0.532	2.514	1.803	0.649	3.061	1.562
8424	35.536	438.567	645.143	0.342	1.577	2.780	0.523	2.479	1.729	0.641	3.036	1.484
8425	33.895	468.652	632.105	0.344	1.598	2.760	0.524	2.486	1.742	0.642	3.043	1.501
8426	43.924	464.201	641.993	0.319	1.491	2.688	0.507	2.421	1.612	0.627	2.993	1.370
8427	29.568	479.373	621.953	0.566	1.581	4.240	0.588	2.489	2.287	0.652	3.076	1.580
8428	33.733	449.310	698.033	0.348	1.594	2.807	0.527	2.484	1.769	0.642	3.046	1.482
8429	36.885	440.659	627.303	0.339	1.565	2.771	0.520	2.463	1.724	0.639	3.031	1.471
8430	31.700	507.902	655.258	0.348	1.615	2.730	0.526	2.495	1.729	0.645	3.057	1.496
8431	28.972	482.079	654.675	0.484	1.598	3.862	0.560	2.517	2.051	0.659	3.074	1.644
8432	27.704	450.714	694.995	0.794	1.588	4.935	0.632	2.509	2.491	0.741	3.061	2.134
8433	36.347	466.407	673.752	0.340	1.557	2.767	0.521	2.458	1.719	0.638	3.029	1.435
8434	42.378	480.799	655.509	0.321	1.502	2.639	0.510	2.431	1.595	0.630	3.006	1.355
8435	44.249	474.821	664.390	0.317	1.486	2.634	0.506	2.417	1.582	0.627	2.990	1.352
8436	31.343	458.480	625.392	0.356	1.632	2.850	0.532	2.504	1.832	0.649	3.063	1.560
8437	38.213	443.917	661.362	0.332	1.544	2.752	0.516	2.449	1.699	0.635	3.023	1.431
8438	36.551	455.651	627.680	0.336	1.567	2.738	0.519	2.465	1.706	0.638	3.029	1.467
8439	31.708	482.071	654.714	0.349	1.620	2.765	0.528	2.502	1.755	0.646	3.056	1.516
8440	34.467	440.602	664.633	0.345	1.586	2.801	0.526	2.484	1.750	0.642	3.039	1.492
8441	39.623	487.460	630.437	0.327	1.530	2.681	0.513	2.444	1.643	0.633	3.014	1.406
8442	36.681	519.534	677.246	0.332	1.550	2.642	0.516	2.456	1.629	0.636	3.032	1.387
8443	29.923	450.540	643.735	0.517	1.572	4.126	0.537	2.519	1.860	0.653	3.069	1.600
8444	27.425	468.937	664.901	0.689	1.601	4.665	0.656	2.504	2.607	0.748	3.066	2.159
8445	46.144	494.810	664.575	0.315	1.464	2.658	0.505	2.403	1.587	0.626	2.992	1.313
8446	40.110	469.327	692.581	0.327	1.519	2.668	0.512	2.435	1.632	0.633	3.014	1.373
8447	25.192	468.179	674.545	0.956	1.616	5.445	0.678	2.538	2.706	0.800	3.072	2.408
8448	45.772	485.771	694.524	0.320	1.463	2.711	0.508	2.411	1.589	0.625	2.989	1.309

8449	43.558	483.545	631.348	0.320	1.493	2.668	0.508	2.420	1.609	0.630	3.004	1.355
8450	48.966	484.261	658.169	0.308	1.449	2.618	0.500	2.391	1.551	0.622	2.974	1.307
8451	35.883	494.140	663.143	0.340	1.560	2.748	0.522	2.463	1.714	0.638	3.034	1.423
8452	31.482	505.065	610.960	0.353	1.621	2.804	0.530	2.502	1.783	0.648	3.060	1.529
8453	36.334	419.217	650.444	0.340	1.570	2.815	0.521	2.463	1.762	0.638	3.030	1.483
8454	36.203	478.140	654.862	0.335	1.564	2.708	0.517	2.462	1.682	0.637	3.029	1.441
8455	33.310	507.145	665.047	0.344	1.592	2.708	0.523	2.480	1.706	0.643	3.046	1.465
8456	27.101	489.646	641.724	0.804	1.597	4.955	0.608	2.512	2.398	0.700	3.078	1.938
8457	38.772	437.545	690.312	0.335	1.533	2.789	0.518	2.445	1.718	0.634	3.019	1.415
8458	41.568	485.775	688.186	0.322	1.506	2.617	0.509	2.429	1.587	0.630	3.003	1.359
8459	31.138	488.774	652.030	0.485	1.567	3.805	0.531	2.505	1.772	0.649	3.065	1.524
8460	44.582	472.453	689.677	0.318	1.478	2.665	0.506	2.410	1.589	0.627	2.992	1.337
8461	41.934	509.594	643.679	0.322	1.502	2.640	0.509	2.427	1.594	0.629	2.999	1.363
8462	39.551	494.293	638.648	0.328	1.526	2.685	0.513	2.442	1.635	0.633	3.012	1.401
8463	34.277	487.645	628.224	0.342	1.587	2.745	0.523	2.478	1.727	0.642	3.043	1.479
8464	38.696	518.658	648.119	0.328	1.530	2.665	0.513	2.443	1.625	0.634	3.020	1.381
8465	21.122	463.808	624.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8466	28.685	442.689	687.099	0.625	1.589	4.457	0.620	2.492	2.460	0.709	3.060	1.990
8467	34.432	452.174	646.657	0.347	1.584	2.834	0.526	2.476	1.780	0.643	3.042	1.492
8468	37.830	462.828	643.203	0.373	1.512	3.226	0.515	2.451	1.683	0.636	3.024	1.432
8469	25.077	500.891	675.287	0.920	1.614	5.309	0.692	2.511	2.791	0.907	3.077	2.649
8470	28.949	436.312	629.723	0.516	1.601	4.136	0.553	2.525	2.045	0.660	3.078	1.683
8471	34.357	463.294	628.605	0.345	1.586	2.831	0.524	2.478	1.776	0.642	3.043	1.492
8472	39.498	478.872	645.519	0.327	1.531	2.682	0.513	2.444	1.645	0.634	3.022	1.390
8473	34.201	503.943	638.577	0.352	1.572	2.895	0.522	2.477	1.706	0.641	3.039	1.466
8474	35.252	500.935	645.163	0.339	1.569	2.727	0.520	2.468	1.695	0.639	3.036	1.445
8475	34.981	475.308	672.563	0.340	1.576	2.721	0.522	2.472	1.702	0.642	3.049	1.433
8476	48.249	505.259	679.043	0.309	1.452	2.554	0.501	2.394	1.517	0.622	2.975	1.293
8477	25.180	460.310	625.865	1.352	1.612	6.296	0.762	2.525	3.057	0.958	3.061	2.902
8478	42.519	524.737	650.101	0.323	1.489	2.712	0.510	2.419	1.629	0.627	2.996	1.340
8479	26.771	473.750	676.320	0.966	1.591	5.345	0.653	2.516	2.580	0.721	3.083	2.033
8480	40.053	440.388	641.193	0.334	1.523	2.818	0.517	2.438	1.724	0.634	3.015	1.419
8481	51.337	449.276	684.269	0.305	1.435	2.646	0.499	2.384	1.560	0.621	2.974	1.299
8482	48.176	459.171	671.845	0.314	1.452	2.703	0.505	2.399	1.595	0.623	2.981	1.313
8483	38.151	492.224	660.869	0.334	1.535	2.735	0.517	2.448	1.680	0.634	3.021	1.398
8484	28.060	451.433	641.220	0.617	1.599	4.516	0.652	2.495	2.630	0.724	3.064	2.086
8485	29.310	460.591	616.537	0.507	1.593	4.064	0.540	2.516	1.945	0.693	3.061	1.910
8486	36.270	494.658	680.631	0.384	1.521	3.247	0.519	2.461	1.688	0.637	3.030	1.418
8487	31.872	446.909	693.484	0.399	1.582	3.321	0.532	2.511	1.762	0.648	3.061	1.522
8488	45.657	468.036	671.109	0.316	1.475	2.645	0.507	2.419	1.571	0.626	2.989	1.341
8489	33.801	429.515	640.440	0.350	1.601	2.845	0.528	2.486	1.800	0.645	3.049	1.519
8490	33.049	469.844	660.078	0.346	1.602	2.760	0.526	2.490	1.747	0.644	3.051	1.492
8491	23.902	489.980	632.444	1.465	1.626	6.436	0.896	2.522	3.401	0.955	3.072	2.894
8492	39.282	444.871	637.428	0.337	1.527	2.871	0.519	2.438	1.766	0.634	3.019	1.420

8493	30.436	462.023	625.070	0.357	1.647	2.836	0.532	2.514	1.829	0.662	3.076	1.656
8494	36.207	495.166	644.328	0.336	1.559	2.740	0.518	2.459	1.702	0.637	3.031	1.435
8495	31.578	485.899	680.921	0.480	1.559	3.779	0.528	2.497	1.754	0.647	3.059	1.505
8496	37.167	489.970	731.584	0.336	1.548	2.665	0.517	2.454	1.643	0.638	3.039	1.376
8497	33.769	465.779	691.600	0.347	1.594	2.726	0.525	2.481	1.726	0.646	3.055	1.473
8498	28.120	446.320	665.205	0.790	1.583	4.983	0.647	2.496	2.595	0.725	3.077	2.046
8499	48.340	489.123	707.664	0.311	1.446	2.620	0.501	2.392	1.543	0.621	2.974	1.288
8500	38.862	521.413	695.723	0.332	1.522	2.677	0.516	2.443	1.620	0.633	3.014	1.364
8501	27.084	467.010	659.779	0.961	1.587	5.378	0.607	2.511	2.407	0.728	3.066	2.097
8502	41.658	484.247	637.179	0.327	1.504	2.755	0.514	2.439	1.650	0.631	3.008	1.372
8503	26.561	474.847	591.971	1.338	1.593	6.152	0.695	2.496	2.866	0.779	3.062	2.348
8504	30.222	489.249	617.193	0.419	1.590	3.538	0.557	2.492	2.083	0.670	3.053	1.757
8505	31.494	442.587	694.289	0.493	1.567	3.873	0.637	2.468	2.466	0.647	3.062	1.523
8506	46.050	489.588	707.154	0.316	1.466	2.609	0.506	2.413	1.536	0.625	2.983	1.311
8507	41.155	508.286	662.047	0.325	1.506	2.655	0.511	2.429	1.607	0.630	3.001	1.365
8508	41.568	461.117	657.484	0.324	1.511	2.674	0.512	2.437	1.615	0.631	3.005	1.387
8509	41.587	446.502	635.279	0.329	1.508	2.806	0.511	2.434	1.645	0.631	3.007	1.406
8510	42.992	463.849	626.640	0.320	1.502	2.694	0.508	2.424	1.634	0.629	3.003	1.379
8511	38.424	471.480	657.621	0.329	1.540	2.689	0.514	2.451	1.652	0.634	3.017	1.415
8512	31.134	468.316	608.646	0.449	1.577	3.736	0.532	2.510	1.820	0.649	3.059	1.573
8513	32.847	439.478	703.389	0.349	1.609	2.791	0.528	2.493	1.777	0.644	3.051	1.502
8514	18.807	473.140	622.622	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8515	31.224	469.054	710.911	0.446	1.570	3.611	0.569	2.475	2.122	0.677	3.046	1.759
8516	27.839	524.211	678.342	0.561	1.599	4.088	0.661	2.487	2.558	0.723	3.055	2.015
8517	27.314	494.392	630.981	0.601	1.609	4.370	0.620	2.505	2.461	0.725	3.060	2.083
8518	34.218	494.501	665.080	0.346	1.577	2.807	0.526	2.474	1.763	0.641	3.043	1.452
8519	28.539	436.497	660.388	0.535	1.603	4.185	0.671	2.491	2.685	0.706	3.063	1.987
8520	29.683	466.484	705.506	0.493	1.588	3.853	0.595	2.484	2.283	0.699	3.047	1.911
8521	33.815	484.449	620.463	0.349	1.589	2.836	0.527	2.480	1.782	0.646	3.057	1.484
8522	25.975	451.818	663.063	1.179	1.602	5.903	0.711	2.510	2.889	0.787	3.073	2.357
8523	45.628	453.701	719.952	0.318	1.469	2.694	0.506	2.404	1.617	0.625	2.989	1.325
8524	40.248	439.263	684.529	0.329	1.524	2.695	0.513	2.438	1.648	0.633	3.013	1.402
8525	32.726	457.720	673.850	0.348	1.611	2.745	0.527	2.497	1.739	0.645	3.050	1.511
8526	36.551	512.925	644.827	0.335	1.554	2.688	0.517	2.457	1.667	0.636	3.024	1.423
8527	35.445	467.202	715.530	0.339	1.570	2.689	0.520	2.469	1.675	0.639	3.034	1.435
8528	31.372	449.418	620.496	0.358	1.635	2.857	0.534	2.508	1.838	0.651	3.062	1.584
8529	44.455	466.615	709.106	0.316	1.479	2.654	0.505	2.413	1.580	0.627	2.996	1.328
8530	42.688	472.042	690.973	0.322	1.497	2.640	0.508	2.421	1.593	0.629	2.996	1.360
8531	39.535	443.178	610.026	0.332	1.539	2.753	0.516	2.446	1.701	0.635	3.015	1.448
8532	34.859	424.564	655.822	0.341	1.590	2.771	0.522	2.481	1.743	0.641	3.042	1.495
8533	45.965	478.127	689.131	0.312	1.469	2.601	0.504	2.406	1.559	0.624	2.983	1.322
8534	32.709	429.826	657.984	0.447	1.562	3.703	0.532	2.491	1.840	0.648	3.057	1.541
8535	32.610	480.586	687.288	0.347	1.604	2.735	0.527	2.491	1.738	0.644	3.052	1.484
8536	46.803	456.767	631.235	0.315	1.468	2.702	0.505	2.404	1.607	0.626	2.991	1.346

8537	35.805	468.808	644.540	0.339	1.567	2.768	0.520	2.466	1.725	0.638	3.035	1.450
8538	39.944	490.523	626.328	0.327	1.526	2.695	0.512	2.441	1.642	0.633	3.016	1.395
8539	37.648	488.725	614.952	0.332	1.549	2.728	0.516	2.454	1.679	0.636	3.024	1.436
8540	24.317	491.314	682.847	0.925	1.625	5.386	0.892	2.518	3.328	0.923	3.082	2.725
8541	28.006	462.461	643.552	0.578	1.602	4.336	0.628	2.501	2.506	0.753	3.048	2.216
8542	41.408	465.990	659.487	0.326	1.508	2.734	0.513	2.440	1.639	0.632	3.015	1.369
8543	35.732	481.847	608.289	0.339	1.573	2.754	0.520	2.468	1.718	0.639	3.033	1.471
8544	36.019	457.505	623.236	0.338	1.572	2.769	0.520	2.467	1.726	0.640	3.039	1.462
8545	44.182	458.762	673.305	0.316	1.489	2.650	0.506	2.418	1.600	0.627	2.995	1.355
8546	28.974	513.129	678.511	0.498	1.590	3.847	0.583	2.492	2.202	0.734	3.046	2.055
8547	36.798	494.974	714.423	0.338	1.546	2.712	0.520	2.455	1.672	0.637	3.032	1.388
8548	36.949	494.317	659.797	0.336	1.552	2.688	0.518	2.458	1.658	0.637	3.023	1.428
8549	22.810	493.431	624.371	1.850	1.646	7.076	0.897	2.524	3.519	1.027	3.085	3.107
8550	36.794	441.015	658.120	0.346	1.548	2.922	0.527	2.456	1.817	0.639	3.029	1.472
8551	30.310	413.305	730.251	0.399	1.608	3.344	0.602	2.482	2.348	0.699	3.062	1.900
8552	35.850	435.886	676.160	0.342	1.571	2.768	0.522	2.468	1.729	0.641	3.035	1.469
8553	32.104	469.729	646.821	0.351	1.618	2.791	0.528	2.497	1.771	0.648	3.060	1.523
8554	41.410	459.358	660.010	0.324	1.512	2.693	0.511	2.433	1.632	0.631	3.006	1.386
8555	33.726	506.635	637.207	0.342	1.590	2.720	0.523	2.480	1.711	0.644	3.059	1.452
8556	29.355	478.380	606.889	0.426	1.605	3.596	0.538	2.522	1.882	0.654	3.077	1.604
8557	23.547	527.079	664.935	1.184	1.632	5.855	0.845	2.545	3.132	0.962	3.074	2.856
8558	44.239	474.093	652.180	0.327	1.477	2.805	0.512	2.411	1.675	0.627	2.994	1.351
8559	49.476	504.851	669.363	0.306	1.442	2.566	0.499	2.388	1.510	0.621	2.973	1.283
8560	39.399	451.868	669.651	0.334	1.525	2.787	0.517	2.440	1.707	0.633	3.013	1.402
8561	38.068	513.494	679.263	0.329	1.536	2.632	0.514	2.448	1.611	0.635	3.023	1.379
8562	35.948	464.704	696.968	0.339	1.568	2.693	0.520	2.465	1.682	0.640	3.037	1.438
8563	43.275	473.801	681.471	0.320	1.493	2.626	0.508	2.421	1.581	0.628	2.997	1.353
8564	47.591	494.291	670.090	0.311	1.456	2.602	0.502	2.397	1.535	0.623	2.978	1.308
8565	38.717	483.131	654.913	0.334	1.531	2.741	0.516	2.443	1.678	0.635	3.027	1.388
8566	35.916	478.828	697.231	0.336	1.565	2.669	0.518	2.465	1.658	0.638	3.033	1.427
8567	39.909	462.438	680.329	0.328	1.525	2.663	0.513	2.441	1.628	0.634	3.018	1.386
8568	37.890	521.762	635.729	0.330	1.541	2.653	0.514	2.450	1.630	0.634	3.017	1.405
8569	32.857	445.307	670.584	0.349	1.609	2.788	0.527	2.491	1.768	0.645	3.051	1.514
8570	35.032	414.128	648.347	0.344	1.589	2.807	0.524	2.478	1.770	0.642	3.040	1.512
8571	33.864	498.814	739.912	0.340	1.586	2.637	0.521	2.478	1.657	0.640	3.041	1.427
8572	39.791	511.590	622.494	0.330	1.522	2.683	0.515	2.447	1.623	0.634	3.013	1.400
8573	41.100	432.428	603.612	0.327	1.525	2.761	0.513	2.439	1.692	0.633	3.012	1.432
8574	45.560	453.892	685.946	0.313	1.476	2.662	0.504	2.409	1.602	0.625	2.986	1.346
8575	24.234	462.446	649.117	1.108	1.624	5.931	0.925	2.522	3.478	0.954	3.077	2.886
8576	46.362	415.932	662.021	0.321	1.468	2.836	0.510	2.413	1.672	0.625	2.985	1.373
8577	42.940	451.395	690.586	0.321	1.496	2.681	0.000	0.000	0.000	0.630	3.008	1.348
8578	30.942	510.125	672.881	0.465	1.567	3.680	0.529	2.499	1.748	0.647	3.057	1.508
8579	37.816	468.234	689.628	0.335	1.543	2.712	0.518	2.453	1.673	0.635	3.020	1.413
8580	34.735	411.277	627.719	0.507	1.529	4.042	0.525	2.483	1.779	0.644	3.043	1.532

8581	34.718	484.801	651.436	0.338	1.580	2.716	0.520	2.475	1.702	0.641	3.051	1.439
8582	38.479	488.206	638.166	0.331	1.538	2.701	0.515	2.450	1.655	0.634	3.016	1.417
8583	35.144	470.808	699.403	0.339	1.574	2.701	0.520	2.473	1.678	0.640	3.040	1.439
8584	38.554	443.494	649.203	0.333	1.545	2.729	0.516	2.451	1.681	0.636	3.019	1.438
8585	23.110	492.139	669.191	1.309	1.635	6.262	0.938	2.520	3.549	1.589	3.063	4.204
8586	51.653	507.723	649.080	0.312	1.420	2.720	0.502	2.385	1.559	0.619	2.966	1.273
8587	48.283	476.887	636.353	0.316	1.449	2.747	0.505	2.394	1.621	0.622	2.976	1.319
8588	55.667	438.874	698.509	0.301	1.406	2.675	0.496	2.369	1.540	0.617	2.957	1.286
8589	32.617	454.146	700.642	0.369	1.589	3.040	0.542	2.479	1.924	0.652	3.048	1.575
8590	40.482	447.296	686.822	0.327	1.522	2.677	0.514	2.447	1.626	0.632	3.007	1.397
8591	47.539	513.960	666.827	0.310	1.455	2.566	0.502	2.399	1.520	0.623	2.978	1.296
8592	44.058	487.811	630.593	0.321	1.485	2.696	0.509	2.422	1.612	0.629	3.003	1.342
8593	32.210	438.096	617.578	0.353	1.627	2.845	0.530	2.499	1.832	0.647	3.059	1.558
8594	38.676	487.190	660.577	0.328	1.534	2.692	0.514	2.452	1.639	0.633	3.015	1.398
8595	31.876	498.025	617.108	0.351	1.619	2.771	0.529	2.501	1.766	0.647	3.057	1.524
8596	42.594	455.919	664.852	0.321	1.500	2.697	0.509	2.425	1.626	0.629	3.001	1.371
8597	50.491	462.009	657.121	0.307	1.440	2.639	0.500	2.388	1.551	0.622	2.974	1.304
8598	43.954	467.326	606.926	0.323	1.488	2.787	0.512	2.429	1.654	0.629	3.004	1.365
8599	35.918	489.438	635.440	0.336	1.566	2.728	0.518	2.463	1.696	0.637	3.031	1.442
8600	57.216	476.468	689.274	0.297	1.397	2.587	0.493	2.360	1.494	0.616	2.952	1.252
8601	24.469	485.970	645.298	1.890	1.616	6.993	0.725	2.528	2.941	0.810	3.083	2.456
8602	33.604	503.266	683.997	0.353	1.577	2.863	0.589	2.453	2.183	0.641	3.041	1.454
8603	34.656	468.883	655.206	0.344	1.583	2.751	0.524	2.475	1.730	0.642	3.041	1.477
8604	26.538	446.784	715.874	0.786	1.602	4.986	0.684	2.496	2.766	0.741	3.073	2.145
8605	40.130	490.515	621.402	0.333	1.518	2.777	0.516	2.433	1.701	0.634	3.018	1.394
8606	48.311	429.424	661.780	0.311	1.458	2.709	0.504	2.406	1.598	0.624	2.983	1.346
8607	32.147	444.352	659.568	0.354	1.617	2.858	0.530	2.493	1.821	0.646	3.059	1.524
8608	26.530	463.073	658.456	0.856	1.595	5.238	0.676	2.514	2.706	0.747	3.077	2.179
8609	25.981	502.906	679.741	1.026	1.599	5.420	0.676	2.501	2.701	0.868	3.070	2.520
8610	30.983	485.335	670.067	0.471	1.572	3.738	0.538	2.494	1.875	0.648	3.062	1.522
8611	34.296	463.433	612.352	0.347	1.590	2.836	0.526	2.480	1.786	0.643	3.044	1.507
8612	35.992	461.230	603.418	0.339	1.574	2.790	0.520	2.471	1.738	0.641	3.044	1.473
8613	27.799	461.411	659.605	0.699	1.594	4.702	0.648	2.495	2.602	0.734	3.076	2.079
8614	36.892	481.002	652.801	0.338	1.551	2.767	0.519	2.453	1.716	0.636	3.026	1.429
8615	37.098	469.190	668.283	0.334	1.553	2.694	0.517	2.458	1.663	0.636	3.024	1.426
8616	27.592	449.438	660.754	0.957	1.581	5.400	0.545	2.550	1.915	0.734	3.064	2.126
8617	34.867	457.193	651.867	0.345	1.576	2.833	0.524	2.470	1.774	0.641	3.041	1.475
8618	49.876	478.038	664.383	0.307	1.443	2.614	0.500	2.389	1.541	0.622	2.974	1.300
8619	40.198	453.578	661.509	0.332	1.519	2.785	0.517	2.450	1.668	0.632	3.013	1.395
8620	35.460	456.099	651.376	0.339	1.577	2.738	0.521	2.471	1.711	0.640	3.034	1.470
8621	28.823	464.570	690.414	0.540	1.595	4.098	0.580	2.523	2.162	0.714	3.054	2.000
8622	32.377	445.537	633.267	0.478	1.558	3.870	0.532	2.488	1.863	0.649	3.063	1.538
8623	32.704	446.977	642.136	0.362	1.598	3.014	0.528	2.493	1.795	0.645	3.051	1.531
8624	34.857	485.275	618.646	0.341	1.581	2.766	0.522	2.472	1.736	0.640	3.037	1.479

8625	28.276	502.858	603.869	0.554	1.597	4.208	0.540	2.538	1.870	0.701	3.065	1.946
8626	27.493	514.621	690.789	0.900	1.581	5.036	0.701	2.487	2.718	0.747	3.068	2.099
8627	34.081	483.194	674.117	0.350	1.578	2.817	0.528	2.474	1.770	0.642	3.040	1.464
8628	39.032	409.604	620.455	0.334	1.548	2.789	0.517	2.454	1.721	0.636	3.018	1.471
8629	33.328	427.146	704.974	0.345	1.608	2.750	0.525	2.491	1.745	0.644	3.052	1.502
8630	39.069	479.444	666.380	0.329	1.532	2.664	0.514	2.446	1.633	0.634	3.020	1.389
8631	25.653	512.993	647.960	0.755	1.617	4.839	0.679	2.502	2.735	0.765	3.065	2.255
8632	43.474	473.876	651.791	0.324	1.487	2.744	0.511	2.417	1.659	0.628	2.996	1.359
8633	39.915	492.420	631.953	0.326	1.525	2.679	0.513	2.442	1.634	0.633	3.015	1.390
8634	27.769	452.289	685.422	0.602	1.605	4.380	0.688	2.496	2.715	0.769	3.061	2.231
8635	43.456	468.130	639.073	0.323	1.492	2.734	0.509	2.418	1.642	0.628	2.995	1.375
8636	29.577	456.967	707.727	0.464	1.595	3.735	0.636	2.482	2.478	0.696	3.061	1.878
8637	36.739	477.549	684.113	0.338	1.551	2.735	0.520	2.458	1.688	0.637	3.024	1.425
8638	36.793	453.004	666.131	0.337	1.561	2.714	0.519	2.462	1.686	0.638	3.027	1.447
8639	32.954	495.527	655.801	0.345	1.601	2.722	0.525	2.491	1.715	0.643	3.045	1.489
8640	31.885	428.616	641.627	0.356	1.628	2.869	0.532	2.504	1.836	0.648	3.057	1.564
8641	41.402	474.737	627.532	0.324	1.513	2.712	0.511	2.433	1.642	0.631	3.006	1.393
8642	27.156	475.622	696.232	0.916	1.588	5.176	0.625	2.506	2.461	0.760	3.056	2.216
8643	38.546	486.376	681.425	0.336	1.528	2.757	0.517	2.443	1.680	0.635	3.023	1.387
8644	31.937	463.382	671.976	0.352	1.619	2.769	0.530	2.501	1.766	0.647	3.056	1.520
8645	41.013	458.209	696.575	0.325	1.512	2.673	0.511	2.432	1.621	0.631	3.008	1.373
8646	40.810	464.134	667.287	0.325	1.518	2.660	0.513	2.443	1.610	0.632	3.010	1.381
8647	36.070	408.468	682.011	0.339	1.576	2.754	0.521	2.473	1.722	0.640	3.032	1.483
8648	30.827	496.064	633.184	0.354	1.632	2.785	0.530	2.507	1.776	0.649	3.065	1.534
8649	29.520	490.234	580.161	0.504	1.589	4.041	0.538	2.517	1.907	0.652	3.071	1.607
8650	32.124	454.938	612.384	0.353	1.619	2.894	0.530	2.494	1.858	0.646	3.059	1.545
8651	40.854	460.437	662.275	0.324	1.516	2.702	0.511	2.436	1.646	0.631	3.009	1.388
8652	47.818	507.369	661.203	0.310	1.452	2.605	0.502	2.398	1.531	0.624	2.988	1.286
8653	34.860	483.111	691.048	0.344	1.571	2.758	0.524	2.467	1.730	0.640	3.040	1.434
8654	34.108	473.637	641.689	0.345	1.591	2.760	0.525	2.481	1.737	0.643	3.040	1.495
8655	41.452	449.032	717.937	0.323	1.510	2.660	0.510	2.432	1.607	0.630	3.005	1.367
8656	37.706	465.642	682.765	0.334	1.549	2.674	0.516	2.455	1.645	0.637	3.024	1.420
8657	26.752	513.911	709.939	0.662	1.609	4.419	0.691	2.492	2.695	0.738	3.075	2.059
8658	27.863	452.814	600.635	0.809	1.581	5.170	0.640	2.494	2.622	0.771	3.054	2.305
8659	39.267	458.104	686.394	0.328	1.526	2.733	0.514	2.442	1.675	0.632	3.012	1.394
8660	37.381	462.621	595.356	0.336	1.561	2.751	0.518	2.463	1.705	0.638	3.028	1.468
8661	28.906	502.105	669.619	0.570	1.586	4.149	0.573	2.497	2.161	0.709	3.056	1.944
8662	27.380	485.814	646.948	0.796	1.594	4.926	0.656	2.505	2.593	0.734	3.066	2.106
8663	41.128	475.405	665.424	0.327	1.507	2.730	0.513	2.430	1.657	0.631	3.010	1.370
8664	34.329	482.203	684.577	0.342	1.582	2.704	0.522	2.477	1.692	0.641	3.038	1.455
8665	32.717	480.235	661.399	0.376	1.576	3.138	0.527	2.488	1.750	0.645	3.048	1.503
8666	54.334	447.104	693.620	0.302	1.415	2.637	0.497	2.374	1.525	0.618	2.960	1.286
8667	39.505	462.097	648.261	0.339	1.520	2.869	0.521	2.445	1.739	0.634	3.016	1.409
8668	56.070	447.477	645.782	0.301	1.405	2.697	0.495	2.366	1.552	0.619	2.964	1.281

8669	43.223	489.213	693.231	0.330	1.477	2.819	0.514	2.415	1.679	0.627	2.993	1.347
8670	29.342	455.153	702.759	0.628	1.579	4.381	0.539	2.522	1.846	0.654	3.075	1.580
8671	30.116	435.319	670.355	0.490	1.588	3.928	0.541	2.518	1.899	0.654	3.075	1.591
8672	30.262	485.906	688.469	0.467	1.584	3.717	0.535	2.511	1.817	0.702	3.041	1.919
8673	51.853	439.407	668.636	0.309	1.432	2.702	0.500	2.385	1.569	0.621	2.968	1.318
8674	50.105	465.279	685.617	0.310	1.438	2.670	0.503	2.392	1.582	0.620	2.971	1.293
8675	37.193	440.904	666.938	0.340	1.552	2.806	0.522	2.456	1.747	0.639	3.040	1.422
8676	29.297	445.179	639.612	0.519	1.592	4.111	0.615	2.487	2.451	0.655	3.080	1.611
8677	39.763	458.524	614.726	0.330	1.529	2.778	0.514	2.441	1.705	0.633	3.012	1.428
8678	44.827	432.513	639.281	0.317	1.488	2.728	0.509	2.428	1.627	0.628	2.996	1.377
8679	40.948	411.236	706.189	0.325	1.520	2.717	0.512	2.438	1.653	0.632	3.010	1.404
8680	42.348	462.998	619.225	0.322	1.510	2.678	0.510	2.430	1.636	0.631	3.006	1.390
8681	29.970	504.741	701.624	0.495	1.582	3.801	0.632	2.475	2.413	0.714	3.057	1.923
8682	33.006	488.115	618.889	0.353	1.599	2.848	0.529	2.482	1.807	0.645	3.047	1.518
8683	43.834	519.977	670.996	0.326	1.473	2.773	0.505	2.413	1.567	0.626	2.991	1.325
8684	26.379	430.284	652.074	0.948	1.600	5.531	0.654	2.522	2.672	0.971	3.048	2.914
8685	41.705	454.227	670.922	0.326	1.505	2.751	0.514	2.440	1.650	0.631	3.012	1.366
8686	50.620	436.296	673.526	0.308	1.442	2.678	0.500	2.389	1.572	0.621	2.969	1.328
8687	34.297	479.911	683.410	0.347	1.576	2.813	0.526	2.473	1.761	0.641	3.042	1.446
8688	55.997	458.945	672.790	0.300	1.407	2.611	0.497	2.377	1.501	0.617	2.956	1.277
8689	39.959	438.960	715.717	0.342	1.510	2.903	0.523	2.440	1.750	0.635	3.011	1.424
8690	42.665	479.225	666.067	0.321	1.500	2.627	0.509	2.426	1.589	0.630	3.000	1.363
8691	38.577	487.784	716.064	0.329	1.531	2.625	0.514	2.447	1.609	0.633	3.013	1.380
8692	32.143	490.625	664.882	0.351	1.611	2.746	0.528	2.491	1.746	0.647	3.050	1.512
8693	42.334	401.836	690.943	0.325	1.508	2.750	0.511	2.429	1.666	0.630	3.001	1.408
8694	27.327	490.217	657.074	0.625	1.606	4.431	0.608	2.506	2.394	0.720	3.071	2.026
8695	35.500	459.276	691.462	0.344	1.564	2.810	0.524	2.465	1.753	0.639	3.032	1.447
8696	30.381	476.848	721.683	0.476	1.576	3.739	0.592	2.491	2.207	0.707	3.051	1.903
8697	29.184	448.631	552.157	0.488	1.603	4.094	0.545	2.525	2.013	0.658	3.081	1.682
8698	26.234	427.094	654.944	0.943	1.602	5.540	0.927	2.487	3.513	0.916	3.069	2.740
8699	35.508	534.751	621.144	0.341	1.558	2.790	0.522	2.459	1.732	0.638	3.035	1.425
8700	42.125	469.540	674.581	0.321	1.503	2.656	0.510	2.433	1.602	0.630	3.008	1.355
8701	38.789	462.683	671.971	0.330	1.536	2.684	0.514	2.446	1.643	0.634	3.018	1.408
8702	27.989	489.218	631.449	0.558	1.602	4.227	0.541	2.541	1.871	0.721	3.058	2.055
8703	34.385	483.237	668.609	0.372	1.554	3.126	0.524	2.471	1.747	0.643	3.056	1.433
8704	34.447	453.344	604.195	0.345	1.595	2.807	0.524	2.479	1.778	0.644	3.046	1.517
8705	36.663	442.915	673.099	0.335	1.561	2.743	0.518	2.462	1.698	0.639	3.044	1.426
8706	41.421	488.961	678.985	0.322	1.507	2.629	0.509	2.428	1.594	0.629	3.001	1.362
8707	30.889	474.070	689.307	0.486	1.573	3.801	0.534	2.516	1.769	0.710	3.040	1.945
8708	28.267	493.046	719.878	0.542	1.601	4.009	0.609	2.499	2.332	0.718	3.071	1.955
8709	29.144	479.117	676.508	0.497	1.595	3.900	0.544	2.515	1.916	0.656	3.077	1.595
8710	29.088	475.567	646.237	0.676	1.576	4.566	0.541	2.515	1.915	0.688	3.058	1.868
8711	32.654	437.421	639.916	0.354	1.611	2.888	0.531	2.490	1.844	0.646	3.056	1.534
8712	28.286	469.364	658.474	0.571	1.598	4.266	0.623	2.502	2.452	0.689	3.079	1.850

8713	36.465	439.277	674.490	0.341	1.561	2.800	0.521	2.460	1.743	0.640	3.043	1.432
8714	43.063	498.703	683.824	0.318	1.491	2.600	0.509	2.430	1.554	0.627	2.994	1.339
8715	34.728	485.184	681.110	0.342	1.577	2.707	0.522	2.470	1.696	0.641	3.042	1.445
8716	32.733	459.738	680.799	0.472	1.549	3.763	0.528	2.493	1.749	0.645	3.049	1.505
8717	30.722	462.707	598.566	0.360	1.643	2.890	0.535	2.510	1.866	0.651	3.064	1.594
8718	34.779	436.868	667.247	0.342	1.584	2.793	0.524	2.485	1.742	0.640	3.039	1.483
8719	32.810	459.667	671.416	0.348	1.606	2.767	0.527	2.493	1.748	0.644	3.049	1.505
8720	40.846	486.909	639.693	0.325	1.515	2.684	0.512	2.439	1.620	0.632	3.013	1.379
8721	31.678	469.003	700.560	0.451	1.565	3.639	0.529	2.500	1.755	0.696	3.048	1.847
8722	38.304	431.596	706.388	0.335	1.544	2.732	0.517	2.451	1.683	0.636	3.020	1.428
8723	27.888	459.769	655.044	0.714	1.592	4.764	0.670	2.496	2.671	0.736	3.072	2.100
8724	33.173	467.195	616.124	0.352	1.602	2.873	0.529	2.482	1.832	0.645	3.051	1.519
8725	39.773	511.240	675.647	0.325	1.520	2.638	0.511	2.437	1.606	0.631	3.008	1.367
8726	33.776	467.292	609.099	0.348	1.600	2.807	0.526	2.485	1.769	0.645	3.047	1.519
8727	36.257	451.258	661.314	0.336	1.566	2.747	0.518	2.462	1.709	0.638	3.033	1.452
8728	47.037	449.139	688.568	0.312	1.466	2.634	0.503	2.401	1.574	0.624	2.984	1.332
8729	47.299	446.936	680.995	0.314	1.463	2.666	0.504	2.402	1.588	0.625	2.983	1.333
8730	33.472	551.435	671.254	0.398	1.545	3.258	0.524	2.477	1.693	0.647	3.048	1.474
8731	51.158	466.642	638.727	0.308	1.437	2.657	0.499	2.384	1.554	0.621	2.967	1.316
8732	37.230	496.291	749.919	0.338	1.539	2.726	0.519	2.451	1.670	0.634	3.026	1.367
8733	32.013	490.640	629.298	0.354	1.616	2.789	0.530	2.494	1.784	0.650	3.061	1.531
8734	29.816	462.060	687.404	0.455	1.594	3.693	0.537	2.520	1.835	0.651	3.072	1.560
8735	45.074	482.376	651.513	0.318	1.477	2.670	0.507	2.411	1.598	0.626	2.988	1.346
8736	40.888	520.239	645.957	0.323	1.509	2.643	0.510	2.432	1.599	0.630	3.003	1.366
8737	28.857	454.442	668.390	0.558	1.594	4.216	0.609	2.489	2.410	0.709	3.059	1.986
8738	33.131	470.806	721.900	0.349	1.596	2.769	0.527	2.483	1.751	0.644	3.051	1.466
8739	49.586	461.737	670.322	0.309	1.447	2.619	0.501	2.392	1.546	0.624	2.980	1.307
8740	35.030	479.904	633.171	0.345	1.574	2.814	0.524	2.467	1.764	0.640	3.037	1.459
8741	38.472	453.906	655.765	0.331	1.542	2.715	0.515	2.450	1.674	0.636	3.028	1.410
8742	30.622	485.024	659.861	0.380	1.609	3.126	0.540	2.496	1.904	0.661	3.064	1.639
8743	41.365	490.194	671.523	0.324	1.506	2.664	0.511	2.430	1.617	0.630	3.005	1.366
8744	25.276	471.600	547.693	1.064	1.616	5.937	0.677	2.524	2.857	0.973	3.060	2.978
8745	31.078	486.334	657.702	0.357	1.617	2.913	0.533	2.494	1.863	0.644	3.060	1.511
8746	26.229	508.916	696.435	0.831	1.603	4.947	0.711	2.506	2.762	0.765	3.058	2.229
8747	40.156	448.606	732.549	0.334	1.514	2.761	0.516	2.434	1.674	0.633	3.015	1.373
8748	44.245	470.010	688.646	0.318	1.485	2.614	0.509	2.428	1.551	0.627	2.991	1.345
8749	32.036	469.237	670.822	0.353	1.614	2.791	0.529	2.495	1.773	0.646	3.054	1.511
8750	43.057	468.920	678.600	0.320	1.495	2.653	0.509	2.422	1.602	0.629	2.999	1.358
8751	30.735	494.617	614.896	0.357	1.635	2.835	0.533	2.508	1.815	0.650	3.065	1.559
8752	28.662	445.654	665.741	0.688	1.583	4.680	0.608	2.492	2.423	0.725	3.069	2.046
8753	47.698	495.325	629.222	0.312	1.458	2.666	0.505	2.404	1.587	0.624	2.981	1.324
8754	38.194	524.268	663.939	0.331	1.532	2.679	0.515	2.443	1.648	0.633	3.021	1.372
8755	34.947	444.888	719.363	0.342	1.582	2.705	0.522	2.473	1.708	0.641	3.038	1.462
8756	43.066	451.765	663.621	0.321	1.500	2.658	0.509	2.426	1.605	0.630	3.003	1.371

8757	36.820	491.809	671.735	0.462	1.504	3.659	0.517	2.460	1.644	0.637	3.027	1.417
8758	28.490	492.380	717.356	0.581	1.592	4.157	0.645	2.495	2.472	0.655	3.082	1.563
8759	41.564	418.286	661.613	0.330	1.514	2.776	0.514	2.432	1.692	0.634	3.016	1.403
8760	38.779	476.086	627.455	0.329	1.541	2.687	0.514	2.451	1.659	0.635	3.020	1.420
8761	45.261	473.264	642.694	0.314	1.480	2.640	0.505	2.410	1.605	0.625	2.987	1.352
8762	36.277	508.483	605.400	0.336	1.562	2.739	0.521	2.477	1.679	0.638	3.031	1.443
8763	38.085	446.249	609.263	0.333	1.553	2.771	0.517	2.455	1.716	0.637	3.025	1.459
8764	24.495	450.922	688.198	1.008	1.639	5.525	0.910	2.514	3.423	0.919	3.083	2.747
8765	48.212	449.813	619.314	0.317	1.455	2.790	0.506	2.397	1.657	0.625	2.981	1.363
8766	44.292	455.689	600.310	0.319	1.490	2.764	0.508	2.418	1.666	0.627	2.993	1.385
8767	29.064	488.644	655.161	0.488	1.594	3.871	0.592	2.489	2.291	0.712	3.051	1.982
8768	35.317	467.831	643.030	0.343	1.571	2.806	0.523	2.466	1.755	0.640	3.035	1.465
8769	35.946	414.252	680.160	0.339	1.576	2.764	0.522	2.476	1.725	0.639	3.032	1.481
8770	30.974	469.637	648.449	0.388	1.597	3.255	0.531	2.507	1.789	0.649	3.060	1.550
8771	34.774	487.637	651.811	0.342	1.575	2.766	0.522	2.472	1.725	0.642	3.051	1.438
8772	32.054	458.172	604.378	0.354	1.624	2.848	0.530	2.498	1.824	0.648	3.058	1.560
8773	38.323	490.010	643.142	0.330	1.539	2.713	0.514	2.450	1.664	0.633	3.017	1.411
8774	40.104	438.702	657.681	0.327	1.528	2.707	0.513	2.440	1.656	0.633	3.010	1.417
8775	35.301	441.337	652.525	0.340	1.582	2.740	0.521	2.474	1.717	0.640	3.035	1.482
8776	41.551	464.654	654.873	0.323	1.511	2.673	0.511	2.439	1.615	0.631	3.010	1.375
8777	35.022	479.130	655.384	0.339	1.578	2.710	0.520	2.471	1.698	0.640	3.039	1.453
8778	34.392	441.296	623.948	0.346	1.595	2.808	0.524	2.480	1.772	0.643	3.041	1.518
8779	45.293	465.662	660.401	0.315	1.478	2.663	0.505	2.409	1.600	0.626	2.990	1.349
8780	32.401	444.004	630.908	0.353	1.620	2.845	0.530	2.493	1.829	0.648	3.063	1.535
8781	43.449	484.776	598.747	0.412	1.452	3.527	0.509	2.429	1.630	0.628	2.998	1.382
8782	42.181	473.283	715.371	0.319	1.499	2.632	0.507	2.423	1.589	0.628	3.002	1.344
8783	36.053	478.742	725.898	0.339	1.564	2.665	0.520	2.464	1.653	0.639	3.030	1.425
8784	40.068	469.495	609.368	0.329	1.529	2.712	0.514	2.443	1.660	0.635	3.014	1.425
8785	35.981	468.252	667.634	0.335	1.567	2.695	0.518	2.466	1.680	0.637	3.030	1.441
8786	41.416	474.230	651.114	0.324	1.512	2.664	0.512	2.439	1.614	0.631	3.009	1.375
8787	35.606	448.832	668.088	0.339	1.573	2.739	0.520	2.467	1.710	0.639	3.033	1.462
8788	31.462	489.706	629.634	0.352	1.624	2.789	0.530	2.504	1.776	0.647	3.056	1.536
8789	28.586	459.887	639.524	0.591	1.594	4.376	0.606	2.501	2.395	0.703	3.061	1.969
8790	34.313	488.905	696.648	0.344	1.576	2.763	0.523	2.471	1.721	0.640	3.040	1.438
8791	42.684	476.516	685.012	0.321	1.497	2.636	0.509	2.424	1.589	0.629	2.999	1.358
8792	40.542	457.573	701.511	0.326	1.518	2.655	0.512	2.437	1.616	0.632	3.010	1.377
8793	46.551	460.073	657.578	0.314	1.472	2.639	0.505	2.407	1.579	0.626	2.987	1.345
8794	29.888	452.971	649.921	0.363	1.649	2.895	0.537	2.518	1.868	0.651	3.070	1.578
8795	40.684	488.522	711.308	0.324	1.511	2.640	0.512	2.437	1.600	0.630	3.004	1.356
8796	20.928	481.737	671.957	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8797	22.573	433.540	637.488	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8798	41.754	484.832	648.555	0.329	1.497	2.813	0.514	2.422	1.701	0.628	3.001	1.367
8799	29.474	513.617	642.538	0.359	1.645	2.797	0.534	2.518	1.797	0.651	3.072	1.545
8800	30.856	460.226	646.724	0.361	1.634	2.875	0.535	2.506	1.844	0.651	3.066	1.562

8801	45.302	460.973	641.572	0.317	1.479	2.697	0.506	2.410	1.619	0.626	2.990	1.360
8802	33.289	471.629	643.307	0.347	1.599	2.794	0.526	2.487	1.764	0.644	3.049	1.498
8803	29.358	461.949	748.382	0.535	1.586	4.000	0.605	2.485	2.321	0.699	3.048	1.901
8804	47.697	477.126	652.627	0.315	1.458	2.662	0.506	2.408	1.566	0.625	2.980	1.329
8805	41.602	473.534	650.111	0.325	1.507	2.713	0.511	2.426	1.653	0.631	3.008	1.371
8806	36.285	431.029	636.070	0.339	1.574	2.774	0.539	2.452	1.947	0.639	3.031	1.481
8807	34.358	477.726	659.278	0.395	1.539	3.355	0.521	2.477	1.707	0.641	3.042	1.465
8808	37.605	477.526	657.159	0.333	1.548	2.708	0.517	2.456	1.667	0.637	3.033	1.409
8809	67.691	498.275	694.822	13.053	1.302	43.109	7.796	2.352	21.432	1.526	3.049	9.681
8810	25.111	460.525	661.687	4.267	1.587	10.624	1.149	2.562	4.061	1.692	3.100	4.460
8811	27.292	474.508	713.598	0.934	1.583	5.182	0.658	2.496	2.597	0.760	3.066	2.175
8812	37.838	470.769	666.353	0.339	1.541	2.774	0.520	2.450	1.713	0.638	3.032	1.405
8813	26.966	501.477	681.439	0.961	1.588	5.238	0.667	2.493	2.641	0.753	3.072	2.142
8814	25.153	525.259	692.422	1.047	1.611	5.416	0.678	2.514	2.685	0.782	3.069	2.288
8815	31.100	459.093	691.942	0.370	1.618	2.975	0.544	2.505	1.896	0.652	3.067	1.547
8816	42.135	466.824	709.840	0.323	1.501	2.644	0.510	2.426	1.602	0.629	2.999	1.360
8817	22.612	458.058	657.807	2.842	1.628	8.772	0.997	2.524	3.804	84.498	3.067	55.680
8818	29.576	481.037	638.438	0.494	1.587	3.930	0.550	2.503	2.014	0.659	3.077	1.627
8819	36.184	463.750	625.305	0.340	1.566	2.797	0.522	2.465	1.748	0.639	3.034	1.462
8820	39.854	465.291	684.651	0.378	1.487	3.251	0.511	2.438	1.626	0.633	3.021	1.375
8821	38.226	502.046	653.722	0.330	1.539	2.662	0.515	2.450	1.632	0.634	3.016	1.406
8822	43.676	459.765	655.874	0.319	1.493	2.667	0.508	2.420	1.608	0.629	3.001	1.356
8823	45.297	493.881	630.798	0.314	1.477	2.638	0.504	2.409	1.580	0.626	2.990	1.341
8824	28.615	479.454	641.416	0.511	1.599	4.018	0.612	2.491	2.414	0.698	3.055	1.939
8825	32.236	474.924	676.682	0.353	1.605	2.822	0.530	2.487	1.799	0.644	3.052	1.495
8826	42.099	492.634	641.761	0.323	1.502	2.673	0.512	2.439	1.599	0.629	2.999	1.372
8827	27.739	504.586	649.100	0.785	1.585	4.821	0.629	2.487	2.501	0.760	3.055	2.184
8828	46.490	487.316	704.591	0.315	1.461	2.640	0.505	2.402	1.570	0.624	2.982	1.307
8829	28.434	494.444	641.307	0.536	1.597	4.091	0.622	2.496	2.431	0.723	3.051	2.050
8830	28.438	489.117	626.907	0.586	1.593	4.315	0.597	2.493	2.353	0.667	3.068	1.738
8831	42.747	421.855	685.020	0.324	1.500	2.756	0.513	2.437	1.653	0.630	3.008	1.381
8832	39.423	474.369	613.899	0.329	1.534	2.712	0.513	2.445	1.659	0.635	3.024	1.410
8833	43.962	438.686	685.976	0.323	1.484	2.786	0.507	2.421	1.611	0.628	2.996	1.365
8834	35.866	454.878	646.182	0.449	1.521	3.674	0.521	2.470	1.714	0.640	3.036	1.466
8835	24.022	490.340	598.179	1.481	1.626	6.491	1.027	2.524	3.665	0.963	3.071	2.931
8836	34.014	475.955	624.504	0.352	1.580	2.943	0.610	2.456	2.327	0.700	3.021	1.899
8837	26.795	486.953	621.184	0.594	1.616	4.427	0.626	2.507	2.528	0.766	3.060	2.277
8838	32.583	520.367	656.298	0.351	1.594	2.821	0.530	2.484	1.788	0.642	3.048	1.466
8839	49.049	516.253	619.551	0.309	1.448	2.615	0.501	2.391	1.550	0.623	2.977	1.310
8840	30.247	449.597	679.307	0.366	1.638	2.945	0.539	2.510	1.894	0.704	3.061	1.914
8841	42.921	456.026	642.835	0.324	1.498	2.731	0.511	2.434	1.625	0.631	3.007	1.373
8842	40.827	491.006	654.051	0.323	1.515	2.638	0.510	2.433	1.610	0.631	3.011	1.369
8843	38.466	449.177	673.828	0.331	1.540	2.706	0.515	2.451	1.660	0.636	3.026	1.408
8844	35.795	493.594	698.757	0.336	1.563	2.653	0.518	2.462	1.654	0.638	3.032	1.419

8845	35.494	463.099	608.454	0.343	1.579	2.784	0.522	2.471	1.744	0.643	3.043	1.481
8846	30.265	433.202	630.549	0.464	1.589	3.866	0.560	2.495	2.144	0.651	3.071	1.601
8847	23.701	493.579	657.309	1.406	1.615	6.508	0.896	2.528	3.383	34.814	3.056	31.337
8848	37.496	470.257	674.816	0.345	1.537	2.869	0.524	2.455	1.750	0.636	3.025	1.421
8849	30.685	523.238	655.139	0.365	1.613	2.919	0.530	2.506	1.745	0.648	3.062	1.511
8850	32.720	461.103	640.385	0.353	1.606	2.862	0.529	2.487	1.812	0.646	3.053	1.521
8851	34.895	446.731	643.492	0.343	1.584	2.793	0.523	2.481	1.740	0.642	3.047	1.475
8852	43.574	420.813	689.904	0.319	1.496	2.694	0.000	0.000	0.000	0.628	2.994	1.382
8853	33.155	462.063	658.773	0.347	1.603	2.762	0.526	2.489	1.745	0.645	3.050	1.501
8854	29.535	460.188	601.903	0.487	1.593	3.974	0.538	2.522	1.894	0.655	3.082	1.612
8855	45.615	435.566	636.013	0.317	1.479	2.768	0.508	2.421	1.638	0.627	2.993	1.374
8856	26.335	501.493	665.757	0.672	1.614	4.573	0.684	2.494	2.732	0.734	3.072	2.105
8857	36.252	434.902	669.457	0.345	1.559	2.864	0.000	0.000	0.000	0.639	3.031	1.458
8858	30.655	468.582	641.542	0.357	1.639	2.824	0.532	2.513	1.803	0.651	3.067	1.564
8859	34.372	464.955	623.761	0.345	1.588	2.814	0.524	2.476	1.770	0.642	3.043	1.495
8860	29.276	475.473	662.913	0.566	1.583	4.201	0.536	2.522	1.832	0.653	3.078	1.571
8861	39.378	478.365	636.224	0.331	1.528	2.750	0.515	2.443	1.679	0.634	3.016	1.413
8862	33.013	450.324	684.506	0.347	1.610	2.737	0.526	2.493	1.744	0.647	3.064	1.487
8863	40.564	465.198	687.060	0.326	1.517	2.664	0.512	2.437	1.619	0.632	3.013	1.376
8864	36.186	501.897	686.726	0.335	1.559	2.654	0.518	2.461	1.646	0.638	3.030	1.417
8865	39.656	458.734	623.219	0.330	1.533	2.720	0.514	2.442	1.672	0.634	3.012	1.430
8866	46.655	438.381	681.755	0.313	1.470	2.676	0.505	2.411	1.594	0.625	2.986	1.347
8867	32.947	462.365	663.816	0.349	1.602	2.797	0.528	2.488	1.775	0.645	3.058	1.483
8868	41.715	503.671	625.970	0.324	1.504	2.696	0.510	2.429	1.617	0.629	3.001	1.375
8869	35.431	509.065	655.106	0.337	1.566	2.696	0.519	2.466	1.675	0.638	3.032	1.430
8870	22.867	475.111	660.310	1.583	1.647	6.726	1.015	2.513	3.808	1.230	3.081	3.501
8871	30.214	472.932	682.029	0.498	1.582	3.889	0.547	2.498	1.972	0.721	3.045	2.004
8872	26.285	408.843	668.051	0.961	1.602	5.618	0.701	2.508	2.908	0.832	3.060	2.561
8873	31.540	470.473	672.946	0.358	1.613	2.888	0.533	2.495	1.831	0.646	3.057	1.512
8874	33.287	446.547	663.297	0.371	1.579	3.107	0.528	2.488	1.780	0.645	3.050	1.511
8875	46.896	486.648	662.903	0.312	1.463	2.630	0.503	2.403	1.556	0.625	2.988	1.312
8876	39.425	464.214	732.853	0.330	1.527	2.675	0.515	2.440	1.646	0.633	3.015	1.376
8877	25.368	487.125	717.521	0.803	1.618	4.949	0.688	2.506	2.756	0.858	3.070	2.510
8878	45.439	448.403	697.593	0.322	1.472	2.735	0.508	2.405	1.636	0.627	2.989	1.347
8879	22.196	483.340	686.172	1.480	1.659	6.589	0.915	2.532	3.557	0.000	0.000	0.000
8880	31.573	511.582	607.013	0.370	1.601	3.044	0.544	2.485	1.952	0.654	3.067	1.565
8881	43.657	482.752	621.265	0.319	1.490	2.710	0.508	2.419	1.630	0.627	2.993	1.371
8882	34.510	435.257	678.304	0.342	1.587	2.768	0.522	2.478	1.738	0.641	3.039	1.482
8883	40.059	458.987	600.063	0.329	1.532	2.747	0.513	2.443	1.679	0.636	3.028	1.415
8884	39.208	469.549	642.259	0.327	1.535	2.688	0.513	2.446	1.658	0.633	3.017	1.410
8885	33.322	498.465	653.104	0.343	1.597	2.707	0.523	2.483	1.710	0.644	3.056	1.462
8886	37.435	490.753	625.892	0.334	1.549	2.732	0.517	2.454	1.681	0.636	3.022	1.434
8887	43.074	457.626	704.298	0.383	1.458	3.286	0.507	2.420	1.592	0.628	2.998	1.354
8888	36.166	488.125	622.945	0.338	1.566	2.722	0.519	2.462	1.697	0.641	3.043	1.440

8889	25.443	472.392	570.803	0.948	1.615	5.618	0.889	2.508	3.408	0.820	3.077	2.509
8890	30.230	504.222	652.932	0.428	1.584	3.546	0.595	2.480	2.276	0.694	3.043	1.880
8891	37.792	455.992	649.652	0.336	1.546	2.770	0.518	2.450	1.713	0.636	3.021	1.438
8892	31.357	510.787	626.449	0.350	1.623	2.742	0.529	2.507	1.744	0.647	3.061	1.518
8893	34.251	497.670	655.794	0.343	1.580	2.762	0.523	2.475	1.725	0.641	3.042	1.456
8894	29.872	452.186	672.923	0.555	1.580	4.174	0.536	2.520	1.842	0.653	3.071	1.582
8895	29.482	466.847	648.616	0.471	1.594	3.829	0.587	2.494	2.267	0.653	3.072	1.588
8896	38.264	435.905	656.159	0.441	1.498	3.647	0.518	2.451	1.719	0.636	3.024	1.439
8897	33.978	498.109	673.887	0.422	1.539	3.466	0.587	2.448	2.193	0.641	3.044	1.455
8898	44.181	426.799	617.615	0.322	1.497	2.751	0.509	2.420	1.661	0.629	2.994	1.407
8899	37.999	437.833	660.139	0.331	1.550	2.724	0.515	2.452	1.689	0.635	3.021	1.439
8900	39.058	429.188	658.287	0.330	1.541	2.715	0.515	2.448	1.681	0.634	3.017	1.434
8901	31.235	503.329	634.846	0.351	1.626	2.752	0.642	2.456	2.499	0.648	3.061	1.523
8902	37.682	516.365	678.795	0.332	1.538	2.666	0.515	2.447	1.639	0.635	3.027	1.375
8903	28.297	464.229	675.918	0.589	1.597	4.319	0.635	2.495	2.507	0.722	3.064	2.037
8904	27.397	460.195	668.616	0.717	1.600	4.750	0.664	2.506	2.633	0.762	3.066	2.212
8905	41.423	443.686	604.046	0.329	1.515	2.813	0.514	2.434	1.713	0.633	3.017	1.409
8906	31.103	449.079	608.985	0.354	1.642	2.851	0.532	2.514	1.836	0.649	3.066	1.580
8907	35.602	488.020	668.488	0.337	1.566	2.728	0.519	2.463	1.700	0.637	3.033	1.435
8908	25.536	465.771	733.695	0.969	1.607	5.372	0.878	2.513	3.204	0.899	3.071	2.616
8909	36.467	472.025	590.784	0.348	1.557	2.918	0.526	2.458	1.808	0.640	3.032	1.475
8910	59.519	478.247	645.597	0.294	1.378	2.697	0.494	2.357	1.544	0.615	2.949	1.272
8911	37.593	452.431	629.525	0.369	1.520	3.213	0.544	2.450	1.951	0.651	3.030	1.566
8912	35.796	522.527	681.659	0.334	1.559	2.646	0.518	2.472	1.621	0.636	3.027	1.408
8913	28.223	448.556	660.816	0.660	1.592	4.616	0.652	2.498	2.600	0.706	3.067	1.981
8914	52.079	432.492	657.028	0.307	1.432	2.718	0.502	2.392	1.584	0.620	2.966	1.330
8915	33.378	460.355	722.151	0.352	1.589	2.832	0.529	2.479	1.789	0.643	3.054	1.455
8916	30.127	479.827	613.160	0.363	1.647	2.870	0.536	2.514	1.856	0.701	3.053	1.930
8917	33.535	444.923	645.273	0.348	1.599	2.836	0.526	2.482	1.795	0.644	3.057	1.492
8918	42.926	534.454	635.956	0.318	1.491	2.621	0.507	2.420	1.577	0.627	2.994	1.340
8919	34.980	466.897	681.885	0.341	1.576	2.730	0.522	2.469	1.713	0.642	3.050	1.434
8920	27.729	445.610	682.726	0.722	1.596	4.764	0.630	2.504	2.507	0.748	3.065	2.161
8921	42.430	447.831	626.472	0.326	1.504	2.764	0.512	2.426	1.677	0.631	3.009	1.391
8922	33.714	493.488	617.813	0.343	1.595	2.749	0.524	2.484	1.739	0.642	3.045	1.489
8923	34.896	462.970	678.923	0.341	1.577	2.743	0.539	2.468	1.889	0.640	3.040	1.457
8924	34.407	473.671	605.380	0.345	1.591	2.791	0.524	2.479	1.755	0.642	3.039	1.505
8925	32.040	459.246	596.902	0.526	1.556	4.125	0.530	2.502	1.830	0.646	3.056	1.562
8926	36.578	491.269	664.227	0.359	1.532	3.051	0.517	2.458	1.678	0.636	3.027	1.419
8927	32.577	451.745	661.020	0.351	1.613	2.790	0.528	2.493	1.774	0.646	3.055	1.520
8928	37.699	480.273	693.582	0.331	1.542	2.667	0.515	2.450	1.644	0.636	3.026	1.393
8929	34.815	464.758	646.173	0.342	1.584	2.730	0.523	2.475	1.722	0.642	3.037	1.483
8930	38.196	464.907	633.144	0.332	1.546	2.728	0.515	2.450	1.682	0.636	3.023	1.433
8931	35.074	485.751	628.995	0.339	1.579	2.725	0.520	2.473	1.705	0.640	3.036	1.468
8932	34.526	484.239	648.949	0.350	1.571	2.881	0.522	2.476	1.712	0.641	3.042	1.464

8933	34.142	468.309	642.067	0.344	1.590	2.770	0.525	2.487	1.733	0.642	3.040	1.493
8934	29.787	460.767	654.907	0.476	1.589	3.849	0.536	2.522	1.838	0.683	3.055	1.836
8935	47.570	448.231	683.637	0.313	1.459	2.691	0.503	2.398	1.588	0.624	2.982	1.331
8936	34.894	434.707	655.812	0.346	1.583	2.829	0.525	2.472	1.780	0.642	3.048	1.473
8937	36.072	512.324	652.752	0.335	1.560	2.676	0.517	2.462	1.660	0.637	3.027	1.425
8938	32.128	479.220	603.189	0.352	1.620	2.820	0.530	2.500	1.797	0.647	3.053	1.545
8939	40.349	487.851	684.501	0.324	1.515	2.670	0.511	2.436	1.614	0.631	3.010	1.368
8940	39.355	435.498	648.654	0.331	1.537	2.716	0.515	2.446	1.675	0.635	3.014	1.434
8941	43.702	436.377	650.317	0.320	1.498	2.707	0.510	2.434	1.621	0.628	2.995	1.389
8942	48.256	506.197	680.565	0.307	1.453	2.550	0.502	2.396	1.536	0.622	2.975	1.289
8943	53.964	466.069	647.725	0.306	1.417	2.677	0.498	2.376	1.543	0.619	2.959	1.299
8944	38.367	441.869	661.100	0.423	1.498	3.548	0.523	2.445	1.787	0.636	3.021	1.444
8945	33.389	466.051	680.057	0.345	1.598	2.733	0.524	2.483	1.724	0.643	3.044	1.486
8946	37.579	477.250	645.965	0.334	1.549	2.708	0.517	2.454	1.675	0.637	3.027	1.425
8947	33.859	520.360	639.847	0.342	1.586	2.710	0.522	2.477	1.697	0.641	3.040	1.461
8948	36.095	491.546	691.920	0.337	1.560	2.681	0.519	2.464	1.666	0.637	3.028	1.422
8949	34.834	477.569	621.465	0.343	1.584	2.753	0.523	2.474	1.730	0.642	3.037	1.490
8950	49.759	489.616	629.838	0.307	1.443	2.635	0.500	2.392	1.551	0.621	2.972	1.309
8951	33.148	455.735	653.337	0.353	1.599	2.873	0.530	2.481	1.833	0.644	3.052	1.495
8952	28.441	461.274	685.088	0.577	1.596	4.262	0.631	2.496	2.482	0.714	3.060	2.005
8953	38.256	443.282	668.276	0.336	1.540	2.784	0.518	2.449	1.708	0.636	3.024	1.428
8954	31.963	483.617	606.008	0.351	1.622	2.799	0.528	2.499	1.784	0.647	3.054	1.543
8955	32.456	443.847	671.785	0.352	1.616	2.828	0.529	2.495	1.797	0.646	3.057	1.518
8956	34.070	508.008	688.920	0.341	1.581	2.688	0.522	2.474	1.690	0.640	3.039	1.440
8957	51.493	442.349	668.694	0.308	1.437	2.656	0.500	2.384	1.568	0.622	2.972	1.316
8958	33.307	448.091	677.236	0.355	1.597	2.883	0.531	2.481	1.830	0.645	3.062	1.479
8959	44.783	444.658	696.674	0.317	1.483	2.662	0.506	2.413	1.592	0.627	2.989	1.356
8960	51.259	465.689	612.096	0.307	1.437	2.672	0.500	2.384	1.573	0.621	2.969	1.323
8961	37.546	405.935	584.593	0.343	1.559	2.963	0.523	2.460	1.840	0.637	3.028	1.500
8962	25.084	482.242	636.555	0.927	1.617	5.421	0.928	2.495	3.481	0.886	3.088	2.603
8963	36.093	478.683	630.332	0.344	1.556	2.874	0.523	2.458	1.780	0.638	3.033	1.448
8964	36.573	468.029	644.252	0.336	1.562	2.733	0.518	2.463	1.691	0.639	3.040	1.430
8965	27.385	476.165	664.512	0.575	1.612	4.287	0.675	2.486	2.712	0.740	3.063	2.137
8966	33.109	433.727	691.248	0.356	1.602	2.885	0.531	2.484	1.832	0.645	3.052	1.509
8967	42.170	503.023	655.027	0.321	1.499	2.641	0.508	2.424	1.589	0.629	3.001	1.357
8968	34.993	447.367	694.133	0.342	1.582	2.732	0.522	2.472	1.719	0.641	3.041	1.465
8969	46.573	476.136	606.062	0.315	1.471	2.682	0.505	2.408	1.594	0.626	2.987	1.354
8970	36.800	461.884	657.826	0.336	1.558	2.754	0.518	2.458	1.712	0.636	3.028	1.435
8971	38.683	492.705	616.517	0.330	1.538	2.703	0.515	2.450	1.653	0.635	3.019	1.419
8972	44.727	462.519	681.923	0.316	1.484	2.638	0.506	2.415	1.585	0.626	2.989	1.348
8973	41.842	470.162	705.005	0.322	1.503	2.637	0.510	2.428	1.597	0.629	3.000	1.360
8974	35.221	476.246	720.380	0.412	1.529	3.381	0.521	2.470	1.674	0.640	3.034	1.437
8975	42.363	476.347	665.934	0.323	1.502	2.639	0.509	2.425	1.600	0.631	3.006	1.359
8976	44.209	419.094	622.846	0.321	1.497	2.755	0.510	2.425	1.661	0.629	2.997	1.409

8977	61.516	480.840	630.731	0.290	1.357	2.651	0.489	2.338	1.501	0.611	2.936	1.222
8978	45.923	505.857	701.570	0.311	1.469	2.517	0.504	2.406	1.530	0.626	2.995	1.284
8979	36.124	476.946	664.788	0.341	1.560	2.748	0.521	2.462	1.706	0.639	3.034	1.437
8980	43.551	471.878	641.256	0.319	1.495	2.659	0.507	2.420	1.604	0.629	3.003	1.356
8981	36.368	460.999	669.468	0.336	1.563	2.710	0.518	2.461	1.687	0.637	3.029	1.441
8982	41.629	476.564	650.937	0.323	1.509	2.661	0.510	2.429	1.615	0.631	3.008	1.373
8983	42.279	480.759	622.299	0.323	1.505	2.704	0.510	2.434	1.616	0.631	3.008	1.379
8984	27.328	520.944	627.185	0.654	1.600	4.495	0.659	2.485	2.629	0.684	3.070	1.843
8985	42.818	454.718	658.573	0.325	1.494	2.768	0.511	2.421	1.666	0.629	3.000	1.369
8986	33.628	445.684	675.941	0.346	1.598	2.764	0.525	2.485	1.743	0.644	3.055	1.480
8987	32.840	447.087	620.267	0.351	1.615	2.832	0.529	2.495	1.804	0.646	3.050	1.546
8988	34.950	431.350	691.151	0.396	1.542	3.375	0.522	2.475	1.738	0.641	3.041	1.478
8989	28.005	455.385	687.936	0.631	1.597	4.451	0.659	2.494	2.608	0.751	3.054	2.177
8990	45.130	491.225	659.107	0.318	1.474	2.660	0.508	2.419	1.581	0.627	2.996	1.325
8991	40.905	474.805	574.115	0.327	1.522	2.754	0.513	2.439	1.680	0.633	3.015	1.414
8992	39.562	462.224	697.761	0.325	1.525	2.675	0.511	2.439	1.635	0.633	3.024	1.371
8993	43.086	462.401	669.183	0.320	1.497	2.642	0.509	2.428	1.590	0.630	3.007	1.353
8994	41.959	466.510	722.600	0.321	1.502	2.616	0.511	2.439	1.566	0.630	3.007	1.341
8995	23.775	471.847	639.662	1.864	1.612	7.356	0.980	2.519	3.671	0.962	3.086	2.912
8996	27.541	454.655	660.982	0.740	1.593	4.874	0.651	2.501	2.617	0.731	3.067	2.113
8997	30.257	453.830	643.807	0.494	1.582	3.946	0.539	2.512	1.899	0.692	3.054	1.883
8998	45.171	504.759	611.102	0.316	1.475	2.684	0.506	2.407	1.617	0.625	2.987	1.348
8999	36.058	456.736	672.467	0.338	1.565	2.742	0.519	2.462	1.710	0.639	3.043	1.424
9000	40.630	499.454	639.154	0.327	1.514	2.705	0.510	2.433	1.633	0.631	3.013	1.374
9001	46.149	480.086	639.445	0.314	1.471	2.653	0.504	2.408	1.576	0.625	2.985	1.341
9002	33.779	436.584	640.853	0.348	1.599	2.827	0.527	2.485	1.791	0.643	3.045	1.512
9003	46.754	480.853	705.994	0.310	1.463	2.589	0.503	2.402	1.549	0.623	2.981	1.307
9004	23.147	490.671	667.518	1.607	1.648	6.616	4.786	2.497	8.820	1.124	3.080	3.261
9005	39.286	470.898	660.725	0.339	1.520	2.849	0.522	2.444	1.733	0.634	3.014	1.409
9006	34.775	492.133	635.176	0.454	1.527	3.669	0.521	2.474	1.704	0.641	3.040	1.465
9007	34.324	483.479	638.512	0.343	1.586	2.752	0.523	2.478	1.725	0.641	3.040	1.476
9008	37.528	462.288	663.685	0.334	1.550	2.714	0.516	2.453	1.677	0.636	3.026	1.424
9009	44.070	444.691	670.041	0.318	1.492	2.660	0.508	2.420	1.610	0.628	2.996	1.369
9010	32.131	472.097	646.889	0.351	1.616	2.799	0.529	2.499	1.773	0.647	3.059	1.517
9011	34.384	471.973	645.817	0.343	1.586	2.770	0.523	2.474	1.742	0.641	3.040	1.480
9012	38.812	478.470	647.878	0.329	1.536	2.693	0.514	2.448	1.649	0.634	3.018	1.410
9013	29.570	487.024	661.309	0.373	1.634	3.016	0.535	2.526	1.795	0.652	3.074	1.560
9014	33.317	467.335	686.747	0.349	1.593	2.798	0.527	2.479	1.771	0.644	3.048	1.482
9015	38.196	489.602	621.538	0.465	1.492	3.728	0.516	2.450	1.671	0.636	3.023	1.425
9016	43.353	476.898	649.253	0.319	1.494	2.662	0.507	2.420	1.602	0.629	3.006	1.350
9017	36.133	500.632	652.248	0.335	1.561	2.676	0.518	2.464	1.660	0.638	3.032	1.424
9018	41.634	449.102	662.367	0.324	1.512	2.684	0.511	2.433	1.630	0.631	3.005	1.392
9019	31.758	460.372	658.794	0.352	1.625	2.776	0.529	2.505	1.768	0.658	3.069	1.596
9020	26.395	462.952	642.766	0.936	1.597	5.435	0.685	2.512	2.774	0.758	3.082	2.226

9021	37.930	516.026	623.977	0.335	1.535	2.774	0.518	2.451	1.697	0.634	3.021	1.406
9022	37.636	444.276	689.612	0.470	1.498	3.740	0.516	2.453	1.674	0.636	3.026	1.426
9023	34.556	415.142	674.911	0.346	1.598	2.782	0.525	2.483	1.760	0.644	3.045	1.512
9024	38.003	464.259	664.043	0.332	1.545	2.703	0.515	2.452	1.657	0.635	3.020	1.422
9025	38.051	464.119	689.408	0.332	1.542	2.693	0.515	2.451	1.642	0.635	3.019	1.410
9026	37.975	500.722	674.435	0.330	1.540	2.637	0.517	2.464	1.602	0.635	3.022	1.391
9027	37.805	456.628	721.222	0.333	1.547	2.671	0.516	2.453	1.648	0.636	3.025	1.411
9028	32.926	470.941	641.793	0.349	1.607	2.768	0.527	2.490	1.754	0.646	3.048	1.522
9029	47.640	427.624	606.756	0.315	1.467	2.776	0.504	2.404	1.643	0.626	2.989	1.374
9030	31.196	480.259	666.739	0.397	1.585	3.319	0.596	2.468	2.289	0.646	3.063	1.510
9031	31.923	476.434	653.345	0.354	1.614	2.822	0.530	2.496	1.795	0.646	3.054	1.520
9032	36.295	439.767	671.425	0.339	1.566	2.751	0.520	2.465	1.720	0.640	3.041	1.442
9033	46.976	471.123	639.675	0.313	1.468	2.644	0.503	2.402	1.581	0.624	2.982	1.340
9034	33.711	398.026	638.050	0.352	1.606	2.919	0.530	2.493	1.847	0.644	3.049	1.549
9035	31.164	488.676	694.446	0.382	1.595	3.158	0.546	2.492	1.944	0.661	3.063	1.623
9036	42.974	519.068	653.810	0.321	1.491	2.631	0.508	2.420	1.585	0.628	2.997	1.344
9037	28.445	456.586	664.454	1.022	1.568	5.442	0.542	2.533	1.901	0.714	3.055	2.023
9038	34.965	457.154	659.122	0.345	1.576	2.809	0.524	2.472	1.754	0.640	3.037	1.469
9039	42.477	457.111	650.780	0.322	1.504	2.688	0.511	2.436	1.612	0.631	3.011	1.371
9040	36.010	485.441	594.859	0.337	1.571	2.749	0.519	2.468	1.711	0.640	3.039	1.461
9041	29.055	425.512	706.528	0.577	1.589	4.298	0.558	2.507	2.100	0.695	3.062	1.914
9042	33.149	492.034	661.005	0.350	1.592	2.805	0.528	2.487	1.750	0.644	3.049	1.483
9043	37.582	476.762	654.681	0.333	1.548	2.703	0.517	2.456	1.671	0.636	3.022	1.424
9044	38.601	447.184	603.382	0.332	1.549	2.751	0.516	2.452	1.704	0.636	3.022	1.459
9045	36.320	443.711	599.117	0.337	1.576	2.785	0.519	2.467	1.751	0.638	3.030	1.496
9046	37.869	451.476	662.246	0.331	1.546	2.729	0.514	2.451	1.680	0.635	3.025	1.423
9047	34.121	502.978	665.670	0.341	1.585	2.693	0.522	2.480	1.682	0.641	3.039	1.457
9048	34.731	459.895	653.213	0.343	1.582	2.762	0.523	2.474	1.736	0.642	3.041	1.479
9049	41.260	452.031	608.118	0.326	1.519	2.745	0.511	2.435	1.666	0.633	3.016	1.406
9050	30.518	438.273	661.879	0.484	1.584	3.912	0.593	2.489	2.305	0.650	3.069	1.572
9051	34.910	425.321	679.517	0.345	1.587	2.801	0.524	2.476	1.765	0.643	3.049	1.475
9052	29.539	487.832	698.224	0.592	1.577	4.202	0.612	2.486	2.345	0.716	3.047	1.980
9053	29.205	443.985	620.115	0.550	1.590	4.272	0.544	2.518	1.973	0.657	3.084	1.625
9054	37.865	460.481	659.134	0.333	1.543	2.759	0.517	2.452	1.697	0.635	3.024	1.423
9055	29.955	489.313	682.679	0.492	1.583	3.839	0.535	2.528	1.766	0.655	3.065	1.595
9056	32.254	482.921	657.557	0.354	1.605	2.836	0.530	2.487	1.800	0.646	3.051	1.510
9057	38.647	488.701	597.656	0.332	1.540	2.751	0.516	2.448	1.692	0.636	3.029	1.417
9058	47.810	426.471	668.922	0.312	1.461	2.718	0.503	2.400	1.617	0.625	2.987	1.341
9059	36.346	427.040	656.757	0.340	1.567	2.805	0.521	2.462	1.754	0.638	3.031	1.468
9060	31.348	450.272	658.144	0.353	1.633	2.796	0.531	2.511	1.787	0.649	3.064	1.547
9061	31.222	442.324	664.909	0.400	1.594	3.370	0.533	2.505	1.837	0.649	3.063	1.557
9062	36.983	495.331	675.826	0.371	1.520	3.137	0.517	2.457	1.659	0.636	3.023	1.412
9063	37.036	444.047	667.323	0.336	1.559	2.717	0.519	2.460	1.691	0.638	3.029	1.446
9064	38.757	476.818	627.084	0.330	1.540	2.709	0.515	2.451	1.660	0.635	3.021	1.422

9065	29.546	426.140	646.260	0.536	1.590	4.208	0.612	2.486	2.456	0.694	3.061	1.927
9066	30.944	474.094	674.021	0.520	1.569	3.977	0.645	2.468	2.493	0.727	3.043	2.017
9067	30.699	472.380	681.524	0.492	1.573	3.848	0.540	2.495	1.901	0.650	3.070	1.527
9068	28.923	463.188	676.640	0.498	1.599	3.933	0.549	2.513	1.990	0.733	3.052	2.082
9069	48.460	504.738	683.520	0.310	1.448	2.590	0.501	2.392	1.532	0.622	2.974	1.289
9070	47.224	459.199	644.629	0.317	1.460	2.731	0.506	2.401	1.614	0.625	2.982	1.340
9071	39.554	454.284	644.314	0.330	1.531	2.747	0.514	2.441	1.688	0.634	3.017	1.411
9072	35.569	468.329	650.892	0.337	1.573	2.714	0.519	2.467	1.701	0.639	3.036	1.453
9073	26.020	474.121	664.557	1.100	1.599	5.700	0.663	2.517	2.673	0.750	3.076	2.203
9074	39.106	464.639	611.605	0.336	1.530	2.848	0.518	2.443	1.743	0.636	3.030	1.412
9075	43.144	477.261	679.450	0.317	1.494	2.632	0.509	2.434	1.576	0.628	2.997	1.350
9076	29.703	471.966	707.810	0.477	1.590	3.764	0.603	2.505	2.262	0.690	3.062	1.825
9077	34.099	477.080	622.145	0.348	1.589	2.823	0.527	2.478	1.786	0.644	3.052	1.485
9078	28.477	449.707	690.988	0.580	1.596	4.291	0.606	2.500	2.375	0.763	3.055	2.202
9079	36.489	485.198	664.998	0.339	1.554	2.750	0.520	2.457	1.709	0.637	3.027	1.429
9080	41.433	499.321	665.721	0.322	1.506	2.627	0.509	2.428	1.592	0.630	3.001	1.362
9081	39.411	490.594	630.193	0.329	1.530	2.688	0.514	2.445	1.643	0.634	3.017	1.400
9082	34.551	485.644	632.760	0.341	1.583	2.739	0.521	2.474	1.718	0.641	3.039	1.471
9083	41.744	425.980	624.569	0.325	1.516	2.760	0.511	2.432	1.677	0.632	3.007	1.422
9084	40.419	447.563	645.920	0.331	1.516	2.829	0.512	2.440	1.657	0.632	3.011	1.409
9085	42.763	462.409	705.406	0.318	1.498	2.617	0.510	2.439	1.568	0.628	2.996	1.354
9086	34.681	436.511	695.667	0.345	1.587	2.754	0.524	2.477	1.729	0.642	3.038	1.485
9087	37.939	460.130	659.942	0.332	1.546	2.697	0.516	2.452	1.668	0.636	3.021	1.426
9088	34.610	500.577	686.924	0.339	1.577	2.672	0.521	2.475	1.666	0.640	3.040	1.435
9089	26.545	477.145	631.112	0.923	1.596	5.336	0.659	2.501	2.684	0.736	3.076	2.137
9090	56.498	495.735	661.565	0.299	1.394	2.643	0.494	2.359	1.518	0.616	2.953	1.248
9091	30.492	467.925	689.298	0.388	1.611	3.176	0.557	2.494	2.043	0.662	3.056	1.663
9092	34.920	452.067	726.160	0.345	1.576	2.757	0.523	2.471	1.723	0.641	3.037	1.455
9093	41.865	454.052	648.470	0.325	1.511	2.686	0.511	2.434	1.626	0.632	3.009	1.391
9094	40.919	466.879	626.303	0.334	1.507	2.873	0.513	2.447	1.633	0.631	3.005	1.407
9095	35.250	462.183	664.569	0.338	1.576	2.725	0.520	2.469	1.704	0.641	3.048	1.440
9096	24.303	476.333	659.226	1.003	1.624	5.649	0.960	2.509	3.562	0.971	3.065	2.922
9097	40.635	511.994	749.198	0.329	1.501	2.675	0.513	2.426	1.623	0.629	3.002	1.326
9098	38.214	486.007	629.871	0.334	1.544	2.693	0.517	2.450	1.660	0.637	3.019	1.433
9099	25.215	412.239	698.287	1.489	1.609	6.553	0.870	2.514	3.356	0.965	3.065	2.922
9100	28.298	457.963	663.340	0.558	1.601	4.230	0.662	2.494	2.628	0.703	3.061	1.968
9101	41.911	467.297	616.042	0.326	1.508	2.760	0.512	2.431	1.671	0.632	3.011	1.392
9102	31.448	508.354	677.695	0.349	1.616	2.731	0.527	2.498	1.738	0.646	3.063	1.474
9103	42.725	472.619	677.874	0.322	1.497	2.664	0.509	2.424	1.607	0.629	3.000	1.363
9104	32.276	468.363	622.824	0.352	1.617	2.807	0.529	2.498	1.791	0.647	3.052	1.539
9105	34.756	474.658	679.236	0.340	1.578	2.726	0.521	2.473	1.708	0.641	3.050	1.433
9106	37.486	437.105	650.978	0.336	1.557	2.751	0.518	2.458	1.704	0.637	3.024	1.455
9107	32.027	469.496	634.291	0.350	1.621	2.784	0.528	2.502	1.771	0.647	3.057	1.533
9108	29.228	457.851	663.112	0.512	1.595	4.019	0.588	2.493	2.293	0.653	3.077	1.592

9109	52.480	470.762	658.377	0.305	1.423	2.650	0.498	2.377	1.541	0.619	2.962	1.291
9110	40.937	433.409	634.053	0.335	1.513	2.881	0.517	2.432	1.749	0.632	3.012	1.410
9111	36.181	449.790	712.153	0.335	1.567	2.681	0.518	2.464	1.675	0.638	3.035	1.432
9112	33.447	454.475	646.017	0.348	1.604	2.768	0.526	2.488	1.756	0.646	3.049	1.517
9113	34.663	461.155	615.073	0.343	1.589	2.791	0.523	2.479	1.756	0.641	3.038	1.500
9114	34.653	481.390	728.477	0.339	1.578	2.674	0.520	2.471	1.678	0.639	3.039	1.429
9115	34.125	493.116	617.644	0.346	1.590	2.758	0.525	2.480	1.735	0.643	3.038	1.501
9116	23.654	476.079	675.035	1.240	1.635	6.098	0.892	2.534	3.375	0.949	3.083	2.861
9117	30.821	494.263	634.723	0.371	1.613	3.034	0.543	2.489	1.947	0.653	3.072	1.555
9118	33.275	420.695	600.906	0.353	1.613	2.920	0.530	2.493	1.857	0.646	3.053	1.566
9119	37.571	460.462	683.397	0.331	1.548	2.701	0.515	2.454	1.667	0.635	3.025	1.411
9120	41.980	419.900	637.557	0.325	1.516	2.739	0.512	2.434	1.668	0.631	3.003	1.423
9121	27.055	503.113	688.411	0.705	1.602	4.591	0.642	2.512	2.491	0.749	3.068	2.123
9122	40.716	434.963	664.017	0.332	1.517	2.788	0.516	2.432	1.709	0.633	3.011	1.407
9123	41.863	478.759	648.881	0.322	1.507	2.663	0.509	2.430	1.608	0.630	3.007	1.369
9124	35.817	479.298	641.297	0.338	1.568	2.733	0.519	2.467	1.698	0.640	3.044	1.432
9125	26.764	447.587	643.464	0.821	1.594	5.225	0.670	2.514	2.720	0.778	3.056	2.352
9126	37.032	510.732	660.889	0.336	1.542	2.751	0.520	2.463	1.671	0.635	3.025	1.402
9127	25.677	458.740	652.315	1.028	1.607	5.642	0.922	2.498	3.435	0.934	3.069	2.770
9128	32.975	516.873	665.938	0.353	1.586	2.844	0.529	2.478	1.783	0.642	3.049	1.456
9129	23.791	486.051	650.271	1.885	1.604	7.338	11.621	2.490	15.505	0.968	3.070	2.928
9130	31.851	488.437	679.912	0.375	1.589	3.085	0.538	2.486	1.879	0.647	3.051	1.526
9131	31.426	481.885	636.166	0.489	1.564	3.869	0.532	2.499	1.818	0.648	3.056	1.543
9132	38.289	471.913	637.819	0.332	1.541	2.738	0.516	2.448	1.690	0.635	3.019	1.423
9133	41.395	489.048	604.099	0.323	1.516	2.678	0.511	2.434	1.642	0.632	3.010	1.395
9134	46.161	444.210	656.471	0.314	1.474	2.687	0.504	2.407	1.611	0.625	2.988	1.358
9135	30.791	480.947	655.178	0.357	1.629	2.836	0.533	2.505	1.815	0.648	3.065	1.527
9136	37.547	481.990	633.014	0.335	1.547	2.753	0.517	2.451	1.699	0.636	3.023	1.432
9137	39.011	455.368	639.455	0.330	1.539	2.715	0.514	2.445	1.671	0.635	3.020	1.424
9138	47.558	465.325	626.596	0.311	1.463	2.664	0.504	2.398	1.621	0.624	2.979	1.347
9139	42.352	440.741	663.959	0.323	1.505	2.729	0.512	2.437	1.638	0.629	3.001	1.384
9140	28.100	466.165	637.359	0.691	1.589	4.695	0.636	2.495	2.545	0.759	3.046	2.236
9141	36.625	452.708	675.102	0.338	1.557	2.778	0.520	2.461	1.723	0.637	3.028	1.439
9142	43.402	483.303	653.640	0.319	1.493	2.636	0.507	2.419	1.592	0.627	2.993	1.359
9143	28.647	487.297	659.976	0.524	1.596	4.033	0.625	2.488	2.450	0.654	3.078	1.583
9144	44.898	456.384	717.689	0.318	1.476	2.671	0.507	2.410	1.598	0.626	2.991	1.336
9145	37.180	499.176	659.639	0.335	1.548	2.693	0.518	2.456	1.662	0.637	3.025	1.417
9146	32.666	478.691	694.171	0.349	1.607	2.737	0.527	2.494	1.728	0.645	3.053	1.489
9147	26.506	421.577	645.232	1.125	1.597	5.916	0.659	2.516	2.721	0.807	3.075	2.440
9148	29.051	468.894	696.367	0.575	1.588	4.199	0.597	2.491	2.310	0.663	3.068	1.682
9149	38.387	458.417	654.115	0.335	1.538	2.764	0.518	2.449	1.695	0.636	3.022	1.423
9150	42.162	476.411	634.112	0.322	1.506	2.674	0.510	2.434	1.613	0.630	3.006	1.374
9151	29.554	444.782	632.095	0.547	1.586	4.222	0.537	2.525	1.879	0.702	3.055	1.965
9152	32.029	437.390	629.102	0.356	1.622	2.906	0.532	2.500	1.856	0.647	3.060	1.556

9153	31.288	466.093	646.709	0.354	1.631	2.818	0.644	2.473	2.493	0.729	3.035	2.047
9154	46.679	462.876	665.690	0.315	1.466	2.693	0.504	2.403	1.594	0.625	2.984	1.339
9155	44.686	409.706	641.204	0.320	1.492	2.757	0.509	2.421	1.662	0.628	2.995	1.399
9156	38.977	445.190	643.621	0.329	1.541	2.721	0.513	2.446	1.678	0.634	3.017	1.430
9157	28.395	494.535	650.606	0.634	1.589	4.414	0.616	2.500	2.398	0.731	3.051	2.082
9158	43.126	464.781	656.936	0.322	1.494	2.709	0.510	2.421	1.638	0.630	3.008	1.354
9159	29.448	463.735	607.151	0.419	1.607	3.567	0.606	2.488	2.413	0.725	3.057	2.063
9160	22.716	458.641	619.649	2.676	1.626	8.726	1.009	2.523	3.875	1.096	3.076	3.355
9161	40.720	454.133	673.374	0.333	1.508	2.848	0.517	2.436	1.716	0.631	3.009	1.390
9162	38.117	446.420	625.529	0.333	1.554	2.721	0.517	2.456	1.691	0.637	3.025	1.450
9163	28.989	472.468	636.915	0.516	1.594	4.052	0.645	2.490	2.543	0.697	3.057	1.928
9164	43.187	472.700	669.032	0.321	1.492	2.697	0.509	2.420	1.623	0.628	2.998	1.358
9165	31.577	476.050	646.792	0.353	1.624	2.790	0.530	2.501	1.782	0.648	3.060	1.532
9166	30.504	450.876	626.076	0.362	1.644	2.914	0.536	2.514	1.879	0.651	3.066	1.591
9167	32.196	451.819	651.529	0.389	1.580	3.296	0.530	2.497	1.808	0.645	3.054	1.528
9168	41.585	487.472	650.073	0.323	1.507	2.676	0.509	2.427	1.621	0.630	3.005	1.372
9169	31.390	471.167	637.421	0.354	1.627	2.816	0.531	2.504	1.794	0.648	3.058	1.541
9170	43.434	449.885	702.353	0.386	1.456	3.324	0.507	2.418	1.611	0.628	2.997	1.360
9171	36.198	455.234	657.295	0.340	1.566	2.752	0.520	2.464	1.702	0.641	3.042	1.441
9172	34.705	448.713	630.489	0.343	1.590	2.765	0.523	2.478	1.746	0.641	3.039	1.498
9173	26.872	483.059	668.005	0.704	1.605	4.704	0.680	2.492	2.735	0.751	3.063	2.186
9174	47.053	460.419	673.988	0.316	1.462	2.699	0.505	2.401	1.608	0.625	2.984	1.340
9175	27.559	459.647	682.537	0.938	1.584	5.274	0.629	2.511	2.482	0.731	3.061	2.102
9176	35.210	473.446	635.107	0.344	1.572	2.814	0.525	2.469	1.763	0.640	3.035	1.468
9177	47.868	503.128	696.321	0.309	1.453	2.559	0.501	2.397	1.519	0.622	2.976	1.287
9178	33.404	488.938	696.792	0.353	1.590	2.800	0.529	2.479	1.763	0.643	3.046	1.467
9179	36.389	471.124	683.134	0.337	1.559	2.697	0.519	2.462	1.675	0.638	3.028	1.434
9180	43.779	469.296	721.132	0.335	1.472	2.854	0.506	2.416	1.565	0.628	2.995	1.334
9181	29.842	540.132	674.622	0.404	1.594	3.277	0.534	2.508	1.767	0.650	3.066	1.515
9182	41.202	459.470	647.739	0.328	1.513	2.732	0.514	2.433	1.664	0.632	3.009	1.392
9183	47.842	492.592	670.196	0.308	1.457	2.575	0.502	2.398	1.547	0.622	2.978	1.303
9184	38.504	487.889	660.003	0.333	1.532	2.730	0.519	2.457	1.660	0.634	3.016	1.398
9185	40.760	504.400	697.357	0.323	1.512	2.592	0.512	2.442	1.563	0.630	3.003	1.356
9186	26.509	479.428	641.018	0.905	1.597	5.283	0.680	2.496	2.764	0.740	3.064	2.167
9187	28.153	475.382	640.264	0.570	1.600	4.279	0.548	2.523	1.997	0.694	3.077	1.886
9188	51.030	423.882	629.777	0.309	1.440	2.767	0.501	2.386	1.628	0.623	2.979	1.342
9189	39.569	517.856	670.472	0.327	1.516	2.704	0.512	2.433	1.646	0.630	3.012	1.357
9190	39.644	480.080	648.736	0.329	1.528	2.678	0.515	2.450	1.623	0.634	3.013	1.402
9191	42.254	433.285	643.648	0.323	1.511	2.708	0.510	2.429	1.648	0.630	3.001	1.406
9192	33.096	434.526	635.903	0.348	1.614	2.789	0.526	2.492	1.783	0.645	3.052	1.534
9193	34.351	447.292	625.356	0.344	1.593	2.808	0.524	2.483	1.766	0.643	3.044	1.507
9194	38.985	438.532	611.909	0.331	1.545	2.762	0.515	2.450	1.709	0.634	3.017	1.452
9195	40.900	495.100	606.794	0.322	1.518	2.684	0.511	2.436	1.646	0.631	3.008	1.397
9196	39.861	447.173	629.675	0.328	1.531	2.742	0.513	2.442	1.681	0.633	3.012	1.425

9197	28.709	465.698	653.582	0.521	1.597	4.066	0.627	2.491	2.476	0.655	3.082	1.598
9198	45.950	452.920	608.864	0.318	1.475	2.765	0.506	2.407	1.654	0.626	2.987	1.377
9199	38.692	440.678	683.096	0.330	1.537	2.734	0.515	2.449	1.673	0.635	3.028	1.402
9200	27.081	474.683	685.751	0.692	1.606	4.622	0.671	2.492	2.676	0.748	3.061	2.171
9201	33.376	428.049	698.012	0.365	1.586	3.026	0.531	2.483	1.828	0.644	3.047	1.508
9202	25.487	440.710	691.801	1.003	1.611	5.591	0.778	2.501	3.107	0.801	3.065	2.436
9203	35.700	496.303	652.184	0.345	1.557	2.823	0.524	2.461	1.751	0.638	3.032	1.432
9204	23.430	438.199	672.103	1.064	1.647	5.889	1.386	2.518	4.411	1.278	3.078	3.603
9205	42.382	481.852	638.870	0.328	1.495	2.789	0.513	2.422	1.689	0.629	3.001	1.366
9206	27.618	487.764	618.490	0.790	1.589	4.947	0.623	2.505	2.475	0.722	3.060	2.070
9207	24.638	463.626	633.271	1.010	1.622	5.741	0.901	2.511	3.459	0.924	3.083	2.775
9208	26.836	469.345	617.272	0.976	1.592	5.476	0.693	2.498	2.823	0.771	3.067	2.293
9209	36.897	512.545	601.410	0.365	1.524	3.147	0.519	2.452	1.739	0.636	3.025	1.432
9210	36.766	437.277	606.029	0.338	1.570	2.798	0.519	2.464	1.745	0.641	3.042	1.473
9211	34.347	464.602	663.184	0.340	1.588	2.734	0.549	2.471	1.969	0.654	3.043	1.591
9212	34.462	479.879	649.459	0.342	1.583	2.748	0.522	2.474	1.720	0.642	3.048	1.460
9213	33.112	442.736	633.968	0.349	1.611	2.815	0.527	2.491	1.793	0.646	3.052	1.533
9214	30.584	474.205	716.206	0.508	1.571	3.884	0.636	2.481	2.406	0.716	3.054	1.931
9215	28.232	473.868	735.817	0.890	1.571	5.030	0.648	2.493	2.499	0.719	3.079	1.948
9216	32.086	463.471	612.260	0.359	1.614	2.916	0.534	2.488	1.878	0.650	3.065	1.546
9217	36.562	428.802	693.418	0.337	1.565	2.761	0.519	2.465	1.715	0.639	3.043	1.435
9218	49.167	473.412	658.844	0.308	1.450	2.605	0.501	2.391	1.555	0.623	2.981	1.306
9219	31.052	464.803	658.302	0.467	1.573	3.767	0.535	2.500	1.855	0.648	3.061	1.535
9220	36.513	459.309	669.121	0.337	1.561	2.738	0.520	2.462	1.707	0.638	3.028	1.444
9221	43.014	482.868	661.173	0.319	1.496	2.635	0.508	2.423	1.590	0.629	2.998	1.358
9222	43.155	466.400	645.489	0.320	1.500	2.662	0.509	2.426	1.605	0.629	2.999	1.370
9223	33.000	470.177	666.457	0.347	1.603	2.758	0.525	2.488	1.739	0.644	3.052	1.492
9224	31.812	426.524	662.794	0.357	1.632	2.854	0.532	2.504	1.832	0.650	3.064	1.561
9225	42.461	462.566	636.621	0.322	1.505	2.695	0.509	2.426	1.636	0.630	3.002	1.386
9226	28.526	492.912	650.390	0.611	1.589	4.339	0.559	2.518	2.050	0.654	3.080	1.580
9227	34.046	438.826	700.841	0.350	1.589	2.833	0.527	2.477	1.784	0.642	3.043	1.483
9228	36.546	482.540	698.451	0.335	1.556	2.660	0.517	2.459	1.649	0.637	3.025	1.419
9229	33.061	454.141	697.616	0.349	1.605	2.749	0.527	2.489	1.742	0.646	3.052	1.501
9230	37.323	454.489	684.420	0.335	1.551	2.707	0.517	2.454	1.677	0.637	3.027	1.427
9231	33.329	462.582	659.003	0.347	1.600	2.756	0.526	2.490	1.733	0.645	3.048	1.501
9232	29.579	482.855	659.695	0.500	1.586	3.920	0.536	2.521	1.822	0.700	3.053	1.912
9233	39.510	491.095	690.253	0.329	1.522	2.684	0.514	2.441	1.633	0.633	3.014	1.374
9234	37.142	480.648	636.265	0.335	1.555	2.714	0.517	2.456	1.678	0.638	3.029	1.438
9235	31.362	452.231	660.638	0.428	1.578	3.576	0.531	2.507	1.794	0.649	3.063	1.544
9236	42.679	430.222	684.801	0.322	1.502	2.713	0.509	2.425	1.640	0.630	3.001	1.387
9237	35.802	477.057	666.609	0.337	1.568	2.695	0.519	2.467	1.682	0.638	3.030	1.446
9238	34.599	463.650	684.932	0.341	1.583	2.713	0.522	2.473	1.712	0.642	3.041	1.464
9239	54.557	485.783	572.717	0.302	1.418	2.663	0.497	2.374	1.563	0.620	2.964	1.305
9240	27.403	460.873	663.611	0.583	1.613	4.345	0.664	2.503	2.655	0.776	3.061	2.276

9241	50.896	503.311	655.403	0.306	1.431	2.616	0.501	2.392	1.519	0.620	2.969	1.281
9242	46.508	516.814	669.733	0.318	1.457	2.688	0.506	2.402	1.582	0.624	2.985	1.296
9243	33.952	487.603	670.274	0.347	1.583	2.772	0.526	2.477	1.750	0.642	3.044	1.461
9244	37.277	492.760	641.514	0.334	1.551	2.694	0.517	2.455	1.668	0.636	3.023	1.426
9245	25.435	436.092	670.465	0.978	1.614	5.598	0.893	2.508	3.379	3.472	3.040	6.975
9246	35.239	496.867	633.023	0.346	1.565	2.844	0.525	2.466	1.766	0.641	3.050	1.429
9247	35.828	445.446	644.905	0.339	1.574	2.758	0.521	2.469	1.728	0.640	3.036	1.473
9248	45.754	433.839	653.205	0.316	1.479	2.719	0.505	2.410	1.622	0.626	2.988	1.369
9249	40.172	494.009	651.653	0.326	1.518	2.686	0.511	2.435	1.635	0.632	3.014	1.375
9250	37.899	473.582	675.205	0.332	1.544	2.683	0.515	2.451	1.647	0.635	3.019	1.413
9251	46.125	519.741	623.146	0.314	1.468	2.639	0.506	2.417	1.550	0.626	2.989	1.324
9252	27.747	491.497	691.672	0.740	1.590	4.685	0.662	2.498	2.578	0.728	3.067	2.042
9253	30.502	473.240	660.480	0.422	1.587	3.499	0.541	2.510	1.879	0.681	3.046	1.813
9254	36.657	476.323	678.609	0.337	1.553	2.735	0.615	2.431	2.286	0.638	3.037	1.410
9255	37.221	463.157	580.197	0.337	1.564	2.775	0.519	2.459	1.735	0.639	3.029	1.483
9256	32.863	445.845	626.166	0.347	1.614	2.817	0.526	2.493	1.794	0.644	3.050	1.536
9257	44.864	463.835	671.585	0.316	1.481	2.662	0.505	2.411	1.595	0.626	2.992	1.345
9258	35.882	475.817	694.699	0.338	1.563	2.707	0.522	2.476	1.663	0.639	3.033	1.427
9259	27.321	458.446	662.466	0.786	1.591	5.004	0.658	2.509	2.621	0.721	3.066	2.068
9260	38.297	443.931	642.993	0.346	1.531	2.959	0.518	2.448	1.735	0.635	3.020	1.438
9261	39.362	515.170	621.723	0.326	1.527	2.662	0.513	2.448	1.625	0.633	3.013	1.395
9262	38.231	461.979	631.987	0.332	1.546	2.736	0.516	2.452	1.682	0.635	3.019	1.436
9263	41.539	471.573	685.630	0.321	1.509	2.636	0.509	2.431	1.602	0.631	3.014	1.353
9264	35.678	442.907	696.654	0.463	1.519	3.701	0.520	2.466	1.699	0.641	3.046	1.435
9265	30.706	486.959	675.903	0.461	1.576	3.678	0.533	2.517	1.759	0.650	3.068	1.526
9266	28.375	515.434	659.438	0.529	1.596	4.002	0.543	2.519	1.896	0.712	3.071	1.936
9267	34.493	476.806	679.220	0.347	1.575	2.803	0.525	2.473	1.746	0.643	3.056	1.432
9268	34.291	461.331	692.956	0.345	1.589	2.740	0.524	2.480	1.724	0.644	3.052	1.456
9269	39.663	456.614	629.789	0.330	1.533	2.718	0.514	2.446	1.663	0.636	3.026	1.409
9270	37.005	475.085	642.039	0.333	1.558	2.706	0.516	2.457	1.680	0.637	3.029	1.437
9271	32.868	445.039	704.052	0.348	1.610	2.744	0.527	2.492	1.749	0.645	3.050	1.503
9272	37.808	515.868	648.956	0.332	1.541	2.662	0.515	2.450	1.639	0.636	3.026	1.396
9273	32.372	441.695	716.336	0.503	1.553	3.889	0.528	2.496	1.755	0.647	3.056	1.510
9274	27.998	494.665	632.900	0.562	1.601	4.222	0.588	2.500	2.291	0.728	3.049	2.092
9275	48.064	405.714	671.285	0.315	1.461	2.779	0.505	2.399	1.654	0.625	2.983	1.371
9276	39.795	457.356	660.222	0.328	1.527	2.718	0.514	2.442	1.664	0.632	3.012	1.402
9277	55.125	447.033	661.819	0.301	1.412	2.665	0.497	2.373	1.552	0.619	2.968	1.281
9278	37.467	495.633	675.093	0.343	1.533	2.844	0.524	2.451	1.745	0.635	3.019	1.417
9279	36.917	487.735	660.254	0.334	1.554	2.674	0.517	2.457	1.662	0.637	3.024	1.427
9280	30.382	421.546	625.825	0.363	1.654	2.929	0.000	0.000	0.000	0.000	0.000	0.000
9281	43.586	417.149	662.931	0.320	1.497	2.747	0.000	0.000	0.000	0.000	0.000	0.000
9282	43.221	497.522	612.180	0.319	1.496	2.681	0.508	2.422	1.625	0.628	2.995	1.372
9283	34.035	454.450	657.835	0.343	1.591	2.770	0.524	2.479	1.752	0.641	3.042	1.485
9284	27.776	456.328	657.969	0.602	1.605	4.424	0.628	2.499	2.516	0.734	3.080	2.082

9285	34.739	472.944	647.341	0.345	1.577	2.815	0.524	2.470	1.767	0.641	3.041	1.468
9286	41.032	452.682	633.213	0.326	1.519	2.721	0.512	2.437	1.651	0.631	3.006	1.409
9287	36.110	454.850	672.620	0.336	1.567	2.712	0.518	2.464	1.687	0.639	3.043	1.428
9288	31.166	472.929	662.633	0.374	1.606	3.068	0.531	2.510	1.768	0.649	3.063	1.534
9289	38.322	465.986	625.486	0.334	1.543	2.763	0.517	2.450	1.703	0.637	3.032	1.419
9290	32.731	490.611	676.904	0.344	1.604	2.702	0.524	2.487	1.713	0.644	3.051	1.478
9291	26.320	473.356	697.690	0.633	1.620	4.479	0.636	2.518	2.516	0.751	3.066	2.196
9292	33.125	496.584	703.526	0.354	1.587	2.820	0.530	2.477	1.779	0.643	3.049	1.457
9293	35.090	483.692	702.850	0.341	1.570	2.698	0.522	2.470	1.683	0.640	3.034	1.438
9294	38.994	504.611	686.669	0.328	1.526	2.626	0.513	2.440	1.610	0.633	3.011	1.380
9295	48.652	490.685	716.816	0.309	1.448	2.552	0.501	2.394	1.516	0.622	2.976	1.286
9296	45.902	436.231	704.001	0.320	1.470	2.720	0.507	2.406	1.617	0.626	2.984	1.345
9297	37.186	457.484	689.560	0.336	1.553	2.703	0.520	2.470	1.658	0.637	3.028	1.423
9298	37.383	484.050	675.680	0.333	1.548	2.666	0.516	2.456	1.640	0.636	3.024	1.414
9299	38.252	481.964	652.760	0.331	1.542	2.676	0.516	2.452	1.648	0.635	3.020	1.415
9300	35.366	492.317	703.047	0.337	1.568	2.656	0.519	2.466	1.653	0.638	3.031	1.425
9301	42.738	461.511	657.861	0.322	1.502	2.664	0.510	2.427	1.609	0.630	3.001	1.372
9302	31.506	445.712	674.648	0.354	1.634	2.783	0.531	2.510	1.780	0.648	3.061	1.541
9303	34.798	512.627	642.728	0.340	1.574	2.718	0.521	2.471	1.700	0.639	3.035	1.449
9304	34.096	445.137	630.718	0.346	1.597	2.799	0.525	2.485	1.768	0.643	3.042	1.514
9305	36.129	473.066	705.923	0.336	1.564	2.691	0.518	2.466	1.666	0.637	3.030	1.422
9306	28.560	455.136	610.923	0.611	1.592	4.519	0.543	2.537	1.928	0.659	3.083	1.663
9307	37.691	434.616	660.286	0.335	1.550	2.793	0.518	2.452	1.736	0.638	3.039	1.425
9308	33.672	489.840	638.977	0.343	1.595	2.723	0.523	2.484	1.715	0.643	3.047	1.480
9309	39.782	476.445	655.321	0.327	1.526	2.683	0.512	2.439	1.640	0.632	3.010	1.399
9310	30.587	469.396	582.782	0.359	1.647	2.890	0.534	2.515	1.858	0.652	3.069	1.601
9311	51.760	456.123	664.439	0.304	1.430	2.667	0.498	2.383	1.560	0.622	2.979	1.291
9312	47.662	485.914	663.916	0.315	1.453	2.695	0.506	2.404	1.595	0.623	2.982	1.302
9313	37.577	466.127	686.038	0.336	1.545	2.736	0.519	2.452	1.692	0.635	3.022	1.412
9314	35.418	526.876	633.521	0.337	1.568	2.675	0.519	2.467	1.668	0.639	3.033	1.436
9315	33.840	461.177	660.297	0.345	1.594	2.762	0.525	2.483	1.744	0.643	3.042	1.492
9316	37.107	457.671	657.750	0.335	1.556	2.721	0.518	2.459	1.691	0.638	3.028	1.441
9317	42.796	479.152	668.164	0.319	1.498	2.634	0.508	2.424	1.591	0.628	2.996	1.361
9318	33.557	478.196	666.518	0.344	1.595	2.723	0.524	2.481	1.722	0.643	3.047	1.478
9319	42.637	437.516	717.038	0.321	1.500	2.658	0.511	2.440	1.587	0.630	3.007	1.355
9320	37.515	448.561	712.082	0.335	1.553	2.686	0.519	2.467	1.647	0.638	3.028	1.425
9321	26.049	455.109	661.076	0.979	1.601	5.519	0.938	2.494	3.452	0.928	3.069	2.730
9322	29.959	485.369	614.744	0.465	1.587	3.801	0.541	2.503	1.938	0.650	3.067	1.575
9323	39.893	507.805	670.870	0.326	1.517	2.678	0.512	2.437	1.628	0.631	3.011	1.369
9324	55.004	458.382	613.570	0.303	1.416	2.683	0.497	2.374	1.560	0.620	2.965	1.305
9325	31.021	492.191	690.536	0.404	1.584	3.344	0.544	2.495	1.921	0.652	3.056	1.570
9326	31.297	446.666	650.125	0.361	1.629	2.897	0.534	2.499	1.854	0.651	3.065	1.562
9327	30.395	468.749	686.913	0.476	1.582	3.778	0.534	2.513	1.811	0.700	3.047	1.903
9328	44.347	476.262	657.777	0.320	1.483	2.686	0.507	2.415	1.603	0.628	2.993	1.354

9329	29.983	502.662	649.187	0.376	1.620	3.058	0.605	2.478	2.332	0.702	3.049	1.913
9330	35.273	472.857	686.050	0.342	1.569	2.761	0.522	2.466	1.719	0.639	3.036	1.442
9331	33.559	464.338	640.645	0.347	1.600	2.766	0.525	2.485	1.751	0.644	3.044	1.510
9332	30.349	531.313	649.983	0.500	1.571	3.837	0.639	2.460	2.462	0.719	3.036	1.979
9333	36.622	391.051	678.676	0.343	1.568	2.858	0.523	2.463	1.787	0.639	3.029	1.494
9334	31.304	437.730	652.590	0.364	1.623	2.982	0.532	2.512	1.805	0.649	3.060	1.565
9335	36.343	440.163	638.181	0.338	1.568	2.780	0.520	2.465	1.738	0.640	3.038	1.462
9336	28.897	484.537	692.664	0.485	1.600	3.822	0.627	2.494	2.419	0.680	3.066	1.790
9337	30.234	467.315	643.989	0.415	1.594	3.480	0.558	2.492	2.082	0.671	3.054	1.755
9338	42.563	502.839	598.735	0.323	1.500	2.732	0.511	2.435	1.629	0.629	3.002	1.379
9339	37.319	526.000	640.466	0.331	1.544	2.689	0.515	2.452	1.653	0.634	3.020	1.404
9340	36.474	465.135	648.494	0.337	1.564	2.731	0.519	2.461	1.699	0.641	3.045	1.431
9341	26.208	528.156	642.210	0.905	1.602	5.107	0.660	2.507	2.608	0.745	3.063	2.152
9342	26.257	501.922	595.963	0.987	1.599	5.475	0.651	2.509	2.652	0.766	3.066	2.278
9343	38.208	441.186	714.657	0.335	1.539	2.787	0.518	2.446	1.724	0.635	3.023	1.410
9344	42.406	453.326	713.498	0.321	1.501	2.626	0.509	2.424	1.592	0.629	2.999	1.361
9345	34.424	439.204	667.268	0.345	1.591	2.755	0.525	2.484	1.732	0.643	3.039	1.500
9346	19.201	535.741	699.831	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9347	32.586	478.173	657.443	0.384	1.574	3.207	0.554	2.473	2.021	0.658	3.043	1.634
9348	42.031	453.119	674.390	0.323	1.507	2.681	0.510	2.430	1.621	0.630	3.004	1.376
9349	38.310	498.142	693.309	0.329	1.535	2.629	0.514	2.446	1.613	0.634	3.022	1.378
9350	40.214	472.441	662.301	0.327	1.521	2.665	0.514	2.445	1.615	0.632	3.006	1.396
9351	28.767	521.383	734.112	0.979	1.558	5.076	0.592	2.503	2.190	0.687	3.062	1.790
9352	47.652	450.733	671.206	0.317	1.459	2.695	0.505	2.397	1.601	0.625	2.979	1.342
9353	41.296	438.611	628.015	0.327	1.519	2.752	0.513	2.435	1.683	0.633	3.018	1.400
9354	41.781	494.108	635.744	0.320	1.507	2.654	0.509	2.426	1.623	0.629	3.001	1.372
9355	41.683	464.755	688.533	0.322	1.507	2.654	0.509	2.428	1.607	0.631	3.011	1.355
9356	27.824	447.031	625.741	0.573	1.608	4.400	0.672	2.486	2.754	0.722	3.064	2.093
9357	33.675	407.240	652.719	0.352	1.605	2.910	0.529	2.485	1.850	0.645	3.057	1.529
9358	47.198	448.875	693.872	0.311	1.464	2.640	0.505	2.416	1.557	0.625	2.989	1.319
9359	30.165	488.239	685.172	0.362	1.637	2.837	0.538	2.522	1.806	0.651	3.070	1.531
9360	35.260	454.187	733.160	0.433	1.528	3.513	0.523	2.467	1.720	0.641	3.039	1.442
9361	39.167	488.359	619.344	0.331	1.535	2.692	0.515	2.445	1.656	0.635	3.013	1.423
9362	36.304	451.061	645.036	0.336	1.569	2.732	0.518	2.464	1.708	0.638	3.030	1.463
9363	42.218	458.655	643.506	0.321	1.508	2.679	0.510	2.430	1.628	0.629	3.000	1.389
9364	31.730	501.673	665.696	0.349	1.614	2.738	0.532	2.491	1.807	0.645	3.054	1.496
9365	46.399	501.075	650.297	0.315	1.465	2.647	0.506	2.413	1.556	0.625	2.986	1.321
9366	39.299	434.591	649.615	0.332	1.535	2.766	0.515	2.442	1.706	0.634	3.018	1.425
9367	35.097	466.469	593.355	0.341	1.586	2.780	0.522	2.478	1.743	0.641	3.035	1.503
9368	31.552	439.225	714.449	0.425	1.575	3.534	0.591	2.485	2.229	0.689	3.038	1.857
9369	35.548	489.998	665.955	0.435	1.521	3.536	0.521	2.464	1.694	0.640	3.038	1.441
9370	38.960	463.678	588.245	0.332	1.544	2.762	0.516	2.449	1.700	0.636	3.019	1.450
9371	44.531	471.544	657.198	0.315	1.484	2.654	0.505	2.414	1.604	0.626	2.993	1.352
9372	28.053	428.998	681.793	0.634	1.599	4.551	0.645	2.495	2.596	0.730	3.063	2.108

9373	27.816	480.591	689.429	0.556	1.606	4.151	0.624	2.497	2.449	0.729	3.069	2.048
9374	33.896	491.359	614.936	0.350	1.587	2.850	0.528	2.475	1.801	0.644	3.051	1.480
9375	36.716	470.937	735.023	0.334	1.555	2.671	0.517	2.461	1.647	0.636	3.029	1.404
9376	34.077	462.286	616.309	0.347	1.597	2.778	0.526	2.482	1.758	0.645	3.045	1.520
9377	36.435	435.747	633.655	0.338	1.569	2.785	0.520	2.470	1.730	0.639	3.034	1.476
9378	28.107	477.064	691.727	0.590	1.599	4.269	0.644	2.489	2.539	0.709	3.060	1.972
9379	30.596	434.682	617.349	0.408	1.596	3.517	0.540	2.504	1.949	0.653	3.070	1.607
9380	38.227	483.089	683.125	0.329	1.535	2.693	0.514	2.448	1.647	0.634	3.025	1.380
9381	35.723	506.299	675.723	0.336	1.564	2.656	0.519	2.463	1.657	0.638	3.028	1.428
9382	34.073	471.444	661.392	0.345	1.588	2.754	0.524	2.479	1.730	0.642	3.040	1.483
9383	29.559	466.363	655.878	0.516	1.587	4.025	0.599	2.489	2.330	0.697	3.064	1.891
9384	32.528	446.104	672.871	0.442	1.563	3.638	0.000	0.000	0.000	0.647	3.060	1.515
9385	36.402	459.438	667.340	0.337	1.563	2.721	0.000	0.000	0.000	0.000	0.000	0.000
9386	47.246	471.730	683.556	0.311	1.461	2.611	0.000	0.000	0.000	0.000	0.000	0.000
9387	32.333	470.645	707.575	0.354	1.607	2.789	0.000	0.000	0.000	0.000	0.000	0.000
9388	44.945	459.627	648.904	0.318	1.482	2.672	0.506	2.412	1.605	0.627	2.988	1.362
9389	33.658	458.835	677.356	0.345	1.596	2.751	0.524	2.480	1.745	0.643	3.047	1.481
9390	32.491	437.006	729.384	0.351	1.611	2.767	0.528	2.493	1.762	0.646	3.052	1.506
9391	32.369	447.719	668.757	0.354	1.613	2.825	0.530	2.494	1.787	0.649	3.060	1.525
9392	39.077	494.352	647.130	0.330	1.529	2.705	0.514	2.445	1.643	0.634	3.016	1.400
9393	33.161	455.440	689.107	0.348	1.605	2.754	0.526	2.492	1.738	0.645	3.051	1.496
9394	36.535	485.711	691.559	0.336	1.555	2.676	0.517	2.458	1.654	0.637	3.025	1.419
9395	36.396	488.207	670.340	0.336	1.559	2.682	0.519	2.461	1.668	0.638	3.028	1.431
9396	32.833	489.543	701.857	0.347	1.599	2.719	0.526	2.488	1.709	0.644	3.051	1.471
9397	41.106	433.620	692.034	0.327	1.516	2.693	0.514	2.444	1.628	0.632	3.008	1.397
9398	38.105	468.698	655.355	0.447	1.495	3.635	0.516	2.454	1.651	0.636	3.027	1.409
9399	39.251	510.920	627.652	0.327	1.529	2.660	0.514	2.449	1.623	0.633	3.014	1.396
9400	35.212	475.077	665.295	0.339	1.575	2.724	0.520	2.469	1.704	0.641	3.049	1.434
9401	39.192	495.863	640.912	0.328	1.530	2.680	0.513	2.444	1.635	0.634	3.015	1.402
9402	30.825	481.550	669.349	0.354	1.631	2.778	0.000	0.000	0.000	0.649	3.068	1.525
9403	31.407	428.252	662.522	0.360	1.630	2.911	0.535	2.505	1.861	0.649	3.061	1.566
9404	34.304	463.545	680.610	0.359	1.569	2.985	0.524	2.479	1.726	0.644	3.056	1.450
9405	44.680	469.677	659.371	0.318	1.482	2.663	0.000	0.000	0.000	0.000	0.000	0.000
9406	30.897	451.264	653.021	0.359	1.636	2.860	0.533	2.507	1.832	0.650	3.067	1.556
9407	32.298	471.451	668.931	0.351	1.610	2.796	0.000	0.000	0.000	0.646	3.063	1.490
9408	40.186	523.800	658.949	0.327	1.515	2.658	0.512	2.436	1.605	0.632	3.010	1.365
9409	35.173	491.959	703.481	0.339	1.568	2.677	0.000	0.000	0.000	0.000	0.000	0.000
9410	36.090	451.457	673.656	0.340	1.566	2.732	0.521	2.466	1.701	0.642	3.046	1.436
9411	31.779	426.242	669.661	0.355	1.634	2.817	0.532	2.510	1.810	0.650	3.067	1.548
9412	34.972	458.647	718.972	0.341	1.578	2.718	0.522	2.471	1.705	0.640	3.037	1.451
9413	41.613	480.835	700.814	0.323	1.505	2.618	0.510	2.431	1.580	0.630	3.003	1.360
9414	32.928	477.086	685.917	0.348	1.600	2.739	0.526	2.485	1.727	0.644	3.045	1.493
9415	43.928	449.402	685.661	0.320	1.491	2.665	0.509	2.425	1.594	0.629	3.001	1.353
9416	30.635	436.709	605.809	0.488	1.580	4.004	0.536	2.517	1.886	0.708	3.047	2.002

9417	35.994	454.978	640.016	0.338	1.570	2.781	0.520	2.468	1.735	0.638	3.032	1.465
9418	24.202	495.432	664.074	1.377	1.623	6.240	0.769	2.526	3.049	0.956	3.070	2.855
9419	30.442	424.402	655.694	0.459	1.588	3.795	0.548	2.521	1.966	0.655	3.065	1.628
9420	29.527	495.769	695.611	0.487	1.589	3.797	0.584	2.500	2.181	0.684	3.069	1.776
9421	36.511	473.164	673.315	0.340	1.555	2.754	0.521	2.456	1.714	0.639	3.031	1.433
9422	37.412	423.786	689.230	0.335	1.556	2.734	0.517	2.456	1.695	0.639	3.040	1.428
9423	48.007	509.526	688.305	0.308	1.453	2.525	0.502	2.402	1.509	0.622	2.978	1.285
9424	35.729	455.536	648.982	0.338	1.575	2.731	0.520	2.468	1.713	0.639	3.033	1.467
9425	43.852	473.611	664.187	0.317	1.490	2.635	0.506	2.416	1.591	0.627	2.992	1.355
9426	38.837	420.638	667.041	0.332	1.543	2.736	0.516	2.447	1.696	0.636	3.021	1.438
9427	23.348	490.388	670.102	7.949	1.615	12.907	0.902	2.534	3.396	0.966	3.079	2.923
9428	53.456	476.024	678.486	0.309	1.410	2.714	0.501	2.382	1.545	0.619	2.967	1.264
9429	46.965	473.896	686.509	0.319	1.455	2.738	0.507	2.398	1.626	0.624	2.984	1.309
9430	40.705	483.571	659.625	0.327	1.513	2.688	0.513	2.434	1.635	0.631	3.009	1.373
9431	29.118	468.214	676.386	0.494	1.597	3.900	0.589	2.495	2.270	0.655	3.079	1.583
9432	47.960	471.267	704.329	0.313	1.452	2.638	0.503	2.397	1.558	0.623	2.980	1.305
9433	32.303	464.827	673.619	0.354	1.608	2.825	0.531	2.489	1.799	0.647	3.056	1.508
9434	37.696	442.287	666.660	0.335	1.550	2.746	0.517	2.453	1.694	0.637	3.025	1.441
9435	32.001	477.714	660.764	0.349	1.616	2.745	0.528	2.500	1.747	0.646	3.053	1.514
9436	27.046	442.332	620.378	0.993	1.590	5.588	0.683	2.502	2.799	0.764	3.063	2.296
9437	39.214	438.136	681.810	0.331	1.531	2.768	0.515	2.441	1.707	0.634	3.025	1.400
9438	30.462	461.759	679.360	0.366	1.633	2.921	0.586	2.481	2.245	0.710	3.040	1.969
9439	31.947	517.408	641.636	0.370	1.590	3.028	0.529	2.493	1.763	0.664	3.042	1.668
9440	41.999	490.141	628.932	0.323	1.505	2.691	0.510	2.425	1.635	0.630	3.003	1.375
9441	34.691	445.291	653.963	0.342	1.586	2.766	0.524	2.484	1.728	0.642	3.042	1.485
9442	37.089	473.997	696.355	0.333	1.549	2.675	0.516	2.454	1.651	0.636	3.026	1.410
9443	26.862	443.028	650.119	1.387	1.585	6.242	0.686	2.512	2.770	0.800	3.057	2.419
9444	43.262	477.456	673.075	0.321	1.489	2.698	0.509	2.418	1.631	0.628	2.997	1.352
9445	30.659	525.106	650.774	0.354	1.625	2.752	0.530	2.501	1.756	0.647	3.059	1.512
9446	34.823	501.414	654.228	0.343	1.571	2.765	0.523	2.467	1.725	0.640	3.038	1.447
9447	35.037	439.125	692.647	0.343	1.582	2.754	0.523	2.476	1.727	0.642	3.041	1.472
9448	31.159	454.750	643.923	0.357	1.635	2.833	0.532	2.506	1.819	0.650	3.065	1.563
9449	32.142	451.528	605.535	0.355	1.623	2.889	0.530	2.498	1.842	0.648	3.059	1.561
9450	34.882	421.157	615.706	0.344	1.592	2.860	0.524	2.477	1.805	0.642	3.043	1.524
9451	32.912	493.005	658.536	0.343	1.601	2.727	0.523	2.485	1.727	0.643	3.049	1.482
9452	38.900	480.880	669.230	0.329	1.532	2.676	0.514	2.446	1.643	0.634	3.017	1.399
9453	35.130	484.922	655.214	0.364	1.552	3.047	0.521	2.472	1.693	0.643	3.052	1.437
9454	39.559	436.193	649.675	0.330	1.534	2.729	0.513	2.442	1.675	0.634	3.014	1.427
9455	40.834	477.825	642.382	0.323	1.519	2.656	0.510	2.434	1.630	0.630	3.005	1.392
9456	34.314	501.133	654.034	0.379	1.550	3.184	0.522	2.476	1.698	0.643	3.056	1.434
9457	32.519	465.820	686.714	0.351	1.610	2.775	0.528	2.493	1.760	0.645	3.052	1.502
9458	34.460	427.830	619.025	0.347	1.595	2.842	0.526	2.480	1.797	0.643	3.040	1.531
9459	37.490	455.158	666.890	0.335	1.547	2.771	0.515	2.453	1.677	0.636	3.026	1.425
9460	30.532	420.861	703.417	0.544	1.574	4.151	0.535	2.521	1.823	0.703	3.048	1.948

9461	49.675	471.231	633.913	0.309	1.446	2.657	0.502	2.391	1.581	0.622	2.975	1.320
9462	32.301	503.825	705.801	0.352	1.599	2.790	0.532	2.502	1.742	0.643	3.051	1.458
9463	45.777	482.645	700.202	0.316	1.470	2.606	0.505	2.408	1.552	0.627	2.993	1.313
9464	32.436	450.095	658.713	0.356	1.610	2.854	0.531	2.492	1.813	0.647	3.056	1.523
9465	31.926	476.122	653.821	0.352	1.616	2.799	0.529	2.499	1.776	0.647	3.059	1.516
9466	34.409	438.056	562.986	0.349	1.601	2.899	0.526	2.481	1.842	0.644	3.042	1.560
9467	39.744	462.425	699.212	0.324	1.522	2.691	0.513	2.448	1.628	0.631	3.014	1.379
9468	42.054	473.254	656.194	0.323	1.506	2.653	0.509	2.427	1.606	0.630	3.003	1.373
9469	24.833	482.714	670.453	1.347	1.615	6.170	0.903	2.511	3.349	0.922	3.074	2.727
9470	44.874	501.524	669.040	0.322	1.468	2.734	0.508	2.405	1.621	0.626	2.990	1.323
9471	30.359	467.272	625.273	0.361	1.643	2.881	0.536	2.514	1.852	0.651	3.065	1.581
9472	30.327	497.735	621.039	0.359	1.635	2.882	0.533	2.505	1.838	0.649	3.069	1.547
9473	26.598	469.806	643.271	0.937	1.595	5.411	0.700	2.502	2.828	0.740	3.074	2.159
9474	52.460	455.487	679.923	0.307	1.421	2.719	0.499	2.378	1.576	0.619	2.963	1.299
9475	31.268	457.703	622.212	0.367	1.619	3.025	0.541	2.494	1.950	0.651	3.062	1.585
9476	34.192	435.184	677.367	0.344	1.591	2.790	0.524	2.481	1.758	0.642	3.044	1.492
9477	28.850	469.820	701.906	0.526	1.596	3.994	0.664	2.486	2.574	0.712	3.073	1.932
9478	29.177	480.194	656.081	0.464	1.598	3.760	0.542	2.517	1.904	0.696	3.060	1.897
9479	39.111	474.729	656.115	0.331	1.528	2.738	0.515	2.441	1.677	0.635	3.021	1.397
9480	43.346	480.954	677.327	0.349	1.466	3.025	0.509	2.434	1.562	0.628	2.996	1.349
9481	39.160	472.961	663.099	0.329	1.532	2.668	0.514	2.445	1.634	0.635	3.022	1.394
9482	29.495	506.056	699.770	0.499	1.588	3.832	0.603	2.500	2.255	0.695	3.066	1.834
9483	33.196	430.091	695.792	0.354	1.603	2.845	0.531	2.485	1.810	0.646	3.048	1.517
9484	36.279	466.775	676.273	0.337	1.562	2.704	0.518	2.460	1.684	0.638	3.030	1.436
9485	34.844	515.792	653.256	0.339	1.574	2.678	0.520	2.468	1.681	0.640	3.035	1.441
9486	35.902	459.513	634.087	0.409	1.526	3.466	0.521	2.467	1.726	0.639	3.032	1.472
9487	34.365	460.446	640.652	0.342	1.590	2.754	0.524	2.486	1.730	0.643	3.049	1.477
9488	26.840	481.832	704.570	0.703	1.609	4.611	0.670	2.509	2.615	0.764	3.058	2.225
9489	52.593	381.787	663.645	0.311	1.430	2.839	0.503	2.384	1.664	0.622	2.967	1.370
9490	41.440	478.768	613.689	0.327	1.507	2.795	0.513	2.433	1.686	0.630	3.009	1.380
9491	32.758	451.374	610.548	0.390	1.572	3.370	0.527	2.494	1.807	0.647	3.061	1.533
9492	39.619	480.475	630.971	0.398	1.488	3.407	0.512	2.440	1.660	0.632	3.011	1.407
9493	30.629	453.253	690.692	0.417	1.591	3.471	0.533	2.514	1.797	0.690	3.048	1.860
9494	31.511	485.016	619.422	0.357	1.621	2.865	0.532	2.500	1.823	0.648	3.056	1.545
9495	45.045	495.275	621.645	0.316	1.478	2.681	0.506	2.411	1.607	0.626	2.988	1.350
9496	34.998	492.491	674.228	0.338	1.572	2.708	0.520	2.467	1.695	0.640	3.039	1.438
9497	44.335	450.410	638.659	0.319	1.492	2.683	0.508	2.420	1.615	0.629	3.002	1.367
9498	42.145	425.795	591.691	0.325	1.517	2.788	0.511	2.434	1.695	0.632	3.010	1.431
9499	27.003	447.405	658.683	0.803	1.594	5.123	0.646	2.505	2.630	0.771	3.070	2.278
9500	34.523	424.020	672.158	0.348	1.586	2.859	0.527	2.474	1.811	0.642	3.044	1.495
9501	30.777	460.552	687.470	0.356	1.638	2.788	0.532	2.510	1.791	0.650	3.068	1.532
9502	25.482	419.390	609.861	1.019	1.613	5.905	0.895	2.519	3.438	0.960	3.068	2.929
9503	41.398	450.916	634.460	0.326	1.510	2.799	0.513	2.429	1.707	0.630	3.008	1.399
9504	26.281	466.527	692.804	0.951	1.597	5.362	0.928	2.481	3.415	0.913	3.052	2.699

9505	32.689	489.743	746.360	0.356	1.592	2.815	0.533	2.493	1.752	0.645	3.061	1.432
9506	50.681	445.566	647.629	0.310	1.443	2.667	0.502	2.392	1.562	0.623	2.972	1.329
9507	34.925	487.795	702.926	0.345	1.566	2.789	0.525	2.472	1.731	0.638	3.035	1.422
9508	29.108	476.610	633.900	0.497	1.595	3.959	0.539	2.526	1.863	0.656	3.077	1.607
9509	34.939	497.626	695.405	0.342	1.567	2.741	0.522	2.470	1.698	0.639	3.037	1.424
9510	41.141	545.315	639.766	0.323	1.507	2.611	0.513	2.444	1.566	0.631	3.003	1.360
9511	27.365	467.161	722.532	0.592	1.610	4.270	0.638	2.499	2.510	0.732	3.065	2.076
9512	31.106	505.032	631.277	0.363	1.616	2.905	0.537	2.496	1.858	0.649	3.062	1.530
9513	37.030	430.903	665.852	0.337	1.558	2.779	0.520	2.460	1.728	0.637	3.027	1.456
9514	32.097	455.526	625.214	0.351	1.624	2.802	0.529	2.502	1.795	0.647	3.055	1.549
9515	39.863	532.033	651.020	0.324	1.517	2.638	0.511	2.436	1.604	0.631	3.009	1.363
9516	39.965	507.312	702.212	0.325	1.517	2.605	0.511	2.437	1.584	0.631	3.006	1.362
9517	29.626	412.161	643.127	0.512	1.593	4.149	0.542	2.527	1.932	0.658	3.080	1.653
9518	35.388	473.834	658.412	0.339	1.570	2.763	0.521	2.468	1.726	0.638	3.033	1.455
9519	34.928	476.309	638.781	0.341	1.580	2.750	0.521	2.472	1.720	0.641	3.037	1.474
9520	26.461	456.725	649.192	0.665	1.614	4.728	0.707	2.511	2.843	0.758	3.078	2.229
9521	32.754	509.552	658.276	0.351	1.593	2.819	0.529	2.480	1.789	0.645	3.063	1.445
9522	41.840	402.983	663.089	0.327	1.515	2.766	0.512	2.434	1.680	0.631	3.004	1.424
9523	52.239	426.687	656.096	0.306	1.430	2.731	0.502	2.393	1.598	0.620	2.966	1.328
9524	36.930	509.834	683.245	0.340	1.540	2.788	0.521	2.455	1.700	0.637	3.040	1.366
9525	42.082	440.463	689.372	0.324	1.507	2.669	0.510	2.430	1.615	0.631	3.008	1.375
9526	34.780	449.993	671.485	0.342	1.584	2.733	0.523	2.478	1.713	0.642	3.041	1.474
9527	30.864	488.723	661.272	0.354	1.630	2.776	0.547	2.490	1.965	0.648	3.060	1.533
9528	30.675	496.418	636.992	0.480	1.573	3.816	0.533	2.501	1.829	0.650	3.070	1.534
9529	31.514	485.726	674.364	0.465	1.561	3.718	0.531	2.497	1.789	0.646	3.055	1.508
9530	49.420	452.938	657.601	0.311	1.447	2.682	0.502	2.393	1.575	0.624	2.981	1.319
9531	27.058	451.502	591.232	0.926	1.591	5.481	0.718	2.489	2.957	0.753	3.059	2.268
9532	45.177	490.312	695.210	0.315	1.469	2.669	0.506	2.410	1.583	0.625	2.991	1.311
9533	32.412	456.609	670.597	0.353	1.612	2.806	0.530	2.493	1.784	0.647	3.057	1.514
9534	44.752	467.516	666.164	0.317	1.481	2.658	0.506	2.414	1.591	0.626	2.989	1.351
9535	37.123	478.407	631.546	0.335	1.555	2.729	0.518	2.458	1.690	0.637	3.024	1.441
9536	35.736	457.288	662.189	0.337	1.572	2.719	0.520	2.469	1.702	0.639	3.032	1.456
9537	26.985	460.723	699.308	0.956	1.588	5.316	0.654	2.510	2.582	0.938	3.048	2.747
9538	38.436	476.730	668.156	0.361	1.513	3.067	0.518	2.445	1.698	0.634	3.016	1.410
9539	42.620	489.195	669.978	0.319	1.497	2.617	0.510	2.436	1.566	0.629	2.999	1.354
9540	58.636	471.283	658.551	0.297	1.391	2.627	0.496	2.368	1.513	0.616	2.953	1.254
9541	38.025	453.406	650.671	0.357	1.522	3.073	0.534	2.439	1.887	0.644	3.018	1.531
9542	34.631	447.011	670.017	0.342	1.586	2.746	0.522	2.478	1.717	0.641	3.041	1.479
9543	40.249	464.300	637.049	0.327	1.526	2.701	0.512	2.439	1.652	0.632	3.009	1.411
9544	27.664	505.286	641.872	0.553	1.604	4.162	0.632	2.484	2.526	0.741	3.054	2.133
9545	44.472	480.529	698.331	0.319	1.475	2.679	0.508	2.417	1.591	0.627	2.995	1.322
9546	28.336	469.292	693.683	0.641	1.591	4.439	0.590	2.503	2.269	0.730	3.055	2.069
9547	37.304	461.438	634.749	0.339	1.551	2.800	0.520	2.454	1.733	0.637	3.025	1.447
9548	28.452	416.028	635.936	0.655	1.589	4.746	0.606	2.501	2.458	0.732	3.055	2.158

9549	31.490	450.578	663.231	0.365	1.618	2.995	0.533	2.502	1.844	0.647	3.061	1.541
9550	36.915	485.398	654.108	0.335	1.552	2.728	0.518	2.459	1.682	0.636	3.026	1.424
9551	36.325	485.682	672.581	0.335	1.560	2.679	0.518	2.461	1.665	0.638	3.031	1.426
9552	40.861	444.184	633.603	0.327	1.523	2.711	0.512	2.437	1.656	0.634	3.018	1.403
9553	31.888	439.553	690.448	0.431	1.573	3.570	0.529	2.507	1.769	0.647	3.059	1.529
9554	67.237	474.020	676.030	1.843	1.240	10.268	0.986	2.344	4.422	1.201	2.940	3.886
9555	52.196	446.411	665.342	0.393	1.375	4.073	0.562	2.365	2.281	0.666	2.951	1.841
9556	42.441	486.014	598.986	0.326	1.499	2.781	0.514	2.435	1.672	0.630	3.010	1.369
9557	34.577	449.780	654.259	0.394	1.540	3.387	0.522	2.475	1.741	0.641	3.042	1.483
9558	30.872	492.456	652.428	0.354	1.628	2.792	0.532	2.516	1.764	0.648	3.060	1.531
9559	29.237	463.286	684.426	0.504	1.593	3.945	0.595	2.490	2.306	0.653	3.075	1.579
9560	42.938	458.754	645.862	0.323	1.498	2.715	0.512	2.434	1.627	0.631	3.006	1.372
9561	46.332	416.979	644.680	0.316	1.476	2.744	0.505	2.407	1.647	0.626	2.990	1.375
9562	29.414	461.344	607.775	0.420	1.606	3.585	0.635	2.481	2.549	0.653	3.082	1.600
9563	39.671	488.651	722.304	0.326	1.518	2.656	0.513	2.442	1.608	0.631	3.015	1.348
9564	33.444	468.576	684.524	0.347	1.596	2.726	0.525	2.481	1.725	0.644	3.042	1.496
9565	30.266	486.384	674.178	0.432	1.586	3.541	0.534	2.515	1.791	0.650	3.064	1.542
9566	44.868	482.983	660.774	0.318	1.479	2.664	0.508	2.418	1.587	0.627	2.992	1.343
9567	31.549	488.773	592.755	0.494	1.564	3.932	0.531	2.501	1.818	0.648	3.061	1.549
9568	27.444	462.477	624.274	0.934	1.585	5.363	0.678	2.489	2.768	0.735	3.060	2.152
9569	41.803	456.435	603.210	0.326	1.509	2.800	0.512	2.429	1.702	0.630	3.002	1.414
9570	38.964	447.044	679.847	0.328	1.535	2.707	0.513	2.446	1.658	0.633	3.019	1.409
9571	28.734	472.837	608.945	0.536	1.595	4.192	0.625	2.487	2.508	0.707	3.059	1.992
9572	37.945	449.672	679.208	0.333	1.542	2.762	0.517	2.452	1.703	0.634	3.020	1.421
9573	28.136	427.694	687.560	0.605	1.601	4.448	0.638	2.499	2.555	0.753	3.061	2.195
9574	40.224	479.417	644.569	0.329	1.519	2.727	0.513	2.435	1.663	0.632	3.007	1.398
9575	33.035	498.372	662.268	0.345	1.598	2.722	0.524	2.487	1.712	0.645	3.061	1.459
9576	36.976	463.688	639.567	0.337	1.558	2.745	0.519	2.460	1.704	0.638	3.029	1.448
9577	31.974	432.405	623.354	0.379	1.596	3.247	0.530	2.504	1.825	0.648	3.057	1.574
9578	38.804	491.881	691.268	0.327	1.527	2.660	0.512	2.441	1.623	0.632	3.018	1.370
9579	42.771	524.961	719.006	0.333	1.477	2.764	0.508	2.424	1.530	0.628	2.997	1.317
9580	42.088	455.788	634.150	0.326	1.509	2.706	0.512	2.431	1.639	0.632	3.006	1.400
9581	32.945	478.041	626.670	0.346	1.607	2.769	0.526	2.493	1.754	0.644	3.048	1.510
9582	41.857	515.673	691.427	0.320	1.498	2.608	0.510	2.438	1.555	0.628	3.001	1.335
9583	43.150	471.222	648.917	0.321	1.497	2.653	0.509	2.424	1.602	0.629	2.996	1.371
9584	32.062	457.447	641.031	0.351	1.623	2.795	0.529	2.500	1.787	0.647	3.058	1.535
9585	34.445	430.696	632.711	0.345	1.593	2.828	0.524	2.478	1.786	0.642	3.040	1.517
9586	45.159	460.022	675.588	0.314	1.480	2.642	0.505	2.412	1.594	0.625	2.988	1.345
9587	39.102	472.612	637.710	0.330	1.536	2.703	0.514	2.445	1.661	0.634	3.018	1.413
9588	38.783	490.172	639.601	0.328	1.535	2.683	0.514	2.447	1.650	0.635	3.022	1.399
9589	31.833	459.222	652.858	0.352	1.624	2.791	0.529	2.504	1.776	0.647	3.056	1.534
9590	41.979	473.511	622.725	0.324	1.508	2.718	0.510	2.428	1.643	0.631	3.007	1.386
9591	42.438	453.992	648.077	0.321	1.505	2.686	0.509	2.426	1.632	0.629	3.002	1.385
9592	39.581	455.768	606.117	0.329	1.538	2.736	0.514	2.449	1.681	0.634	3.016	1.437

9593	35.346	458.026	619.278	0.339	1.581	2.767	0.521	2.478	1.728	0.641	3.043	1.473
9594	42.627	485.618	659.833	0.319	1.499	2.642	0.508	2.424	1.599	0.628	3.000	1.358
9595	30.013	512.112	699.633	0.358	1.637	2.761	0.546	2.499	1.919	0.654	3.063	1.570
9596	33.584	475.598	617.164	0.351	1.595	2.846	0.529	2.477	1.814	0.644	3.044	1.516
9597	39.686	446.662	666.497	0.328	1.530	2.714	0.513	2.444	1.659	0.633	3.012	1.412
9598	38.491	472.883	665.705	0.329	1.540	2.660	0.514	2.450	1.641	0.634	3.016	1.410
9599	21.695	498.861	634.628	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9600	30.701	450.976	657.719	0.488	1.579	3.904	0.550	2.494	2.028	0.659	3.067	1.644
9601	38.609	451.234	632.261	0.333	1.542	2.763	0.516	2.448	1.708	0.635	3.018	1.439
9602	32.381	436.257	661.368	0.470	1.559	3.812	0.527	2.498	1.776	0.646	3.053	1.535
9603	35.863	457.422	654.401	0.339	1.569	2.757	0.520	2.467	1.714	0.639	3.035	1.458
9604	41.011	434.430	698.827	0.325	1.517	2.680	0.511	2.434	1.630	0.631	3.005	1.392
9605	29.409	464.107	628.456	0.477	1.595	3.887	0.537	2.525	1.851	0.655	3.076	1.605
9606	42.338	513.412	688.332	0.320	1.493	2.636	0.510	2.432	1.572	0.628	3.001	1.327
9607	31.953	485.669	684.834	0.354	1.614	2.778	0.530	2.498	1.755	0.647	3.054	1.507
9608	40.962	474.676	642.928	0.327	1.517	2.688	0.513	2.435	1.644	0.633	3.013	1.387
9609	37.708	499.687	679.193	0.330	1.542	2.650	0.516	2.462	1.615	0.636	3.030	1.385
9610	40.457	479.165	645.655	0.326	1.520	2.665	0.512	2.441	1.615	0.632	3.005	1.396
9611	28.986	468.441	682.940	0.507	1.592	3.980	0.605	2.494	2.353	0.655	3.082	1.580
9612	37.842	476.154	662.234	0.449	1.497	3.624	0.518	2.450	1.691	0.635	3.020	1.420
9613	35.815	465.790	664.978	0.338	1.570	2.709	0.520	2.468	1.686	0.641	3.044	1.430
9614	34.468	428.817	649.821	0.345	1.595	2.778	0.524	2.481	1.757	0.643	3.044	1.507
9615	34.285	487.419	677.919	0.372	1.554	3.115	0.521	2.474	1.697	0.641	3.041	1.453
9616	34.102	462.700	647.008	0.345	1.592	2.771	0.525	2.483	1.744	0.644	3.052	1.481
9617	31.477	433.459	665.713	0.384	1.602	3.229	0.533	2.510	1.819	0.649	3.061	1.565
9618	30.682	450.114	600.693	0.469	1.581	3.897	0.535	2.512	1.879	0.651	3.067	1.598
9619	33.514	444.833	676.020	0.346	1.597	2.803	0.526	2.486	1.771	0.644	3.059	1.479
9620	35.810	463.868	668.658	0.338	1.568	2.723	0.520	2.467	1.695	0.641	3.044	1.431
9621	38.192	454.930	654.694	0.332	1.545	2.717	0.515	2.450	1.670	0.635	3.020	1.427
9622	30.454	437.931	669.639	0.524	1.578	4.069	0.534	2.519	1.821	0.689	3.053	1.867
9623	26.191	477.560	688.224	1.027	1.597	5.485	0.663	2.504	2.667	0.768	3.060	2.273
9624	37.216	497.393	668.547	0.339	1.542	2.766	0.520	2.452	1.704	0.636	3.025	1.408
9625	40.433	465.396	693.645	0.326	1.518	2.648	0.512	2.438	1.609	0.632	3.010	1.377
9626	38.814	440.799	666.146	0.331	1.542	2.700	0.515	2.450	1.662	0.636	3.022	1.426
9627	35.989	414.058	640.925	0.341	1.583	2.779	0.521	2.474	1.744	0.640	3.034	1.503
9628	38.313	539.347	633.401	0.327	1.533	2.655	0.513	2.447	1.620	0.633	3.020	1.379
9629	40.222	487.186	662.542	0.326	1.518	2.665	0.512	2.438	1.617	0.633	3.014	1.377
9630	37.236	446.541	674.960	0.335	1.555	2.715	0.518	2.458	1.679	0.638	3.030	1.434
9631	33.665	471.401	677.953	0.344	1.594	2.717	0.523	2.481	1.717	0.645	3.057	1.460
9632	24.624	516.000	680.318	0.971	1.620	5.391	0.692	2.513	2.790	0.808	3.071	2.408
9633	38.559	452.189	672.659	0.339	1.530	2.834	0.520	2.440	1.745	0.635	3.020	1.414
9634	37.294	429.143	629.290	0.337	1.565	2.758	0.519	2.465	1.712	0.639	3.030	1.472
9635	45.006	518.042	681.740	0.313	1.473	2.584	0.507	2.418	1.549	0.624	2.986	1.307
9636	31.729	459.639	672.286	0.357	1.623	2.824	0.533	2.501	1.806	0.650	3.065	1.526

9637	40.088	464.435	628.892	0.329	1.525	2.735	0.514	2.440	1.674	0.633	3.013	1.417
9638	35.534	503.584	646.456	0.335	1.567	2.689	0.518	2.468	1.672	0.638	3.032	1.438
9639	49.012	510.249	684.053	0.307	1.445	2.546	0.501	2.397	1.497	0.622	2.980	1.266
9640	32.808	466.777	620.079	0.358	1.601	2.922	0.533	2.486	1.851	0.646	3.056	1.517
9641	54.755	472.971	706.836	0.299	1.410	2.584	0.495	2.368	1.508	0.617	2.959	1.260
9642	33.337	469.027	682.110	0.366	1.578	3.004	0.540	2.478	1.886	0.650	3.049	1.534
9643	33.920	500.915	593.397	0.345	1.593	2.781	0.524	2.480	1.753	0.644	3.052	1.487
9644	25.558	489.284	588.620	1.134	1.609	5.843	0.916	2.492	3.469	0.940	3.059	2.826
9645	44.559	464.179	661.862	0.320	1.478	2.755	0.507	2.409	1.651	0.626	2.993	1.351
9646	38.673	475.812	619.049	0.331	1.541	2.717	0.515	2.448	1.681	0.635	3.020	1.428
9647	23.608	501.867	648.031	1.059	1.632	5.756	0.694	2.542	2.832	0.916	3.085	2.739
9648	40.768	469.792	656.066	0.333	1.508	2.817	0.516	2.428	1.715	0.631	3.009	1.382
9649	29.860	540.863	666.913	0.355	1.633	2.734	0.531	2.507	1.750	0.676	3.051	1.742
9650	36.234	470.006	634.986	0.342	1.562	2.795	0.522	2.461	1.740	0.639	3.029	1.459
9651	37.043	465.923	661.710	0.334	1.556	2.714	0.517	2.460	1.676	0.637	3.030	1.432
9652	29.411	463.900	622.413	0.630	1.576	4.507	0.538	2.527	1.866	0.654	3.077	1.609
9653	40.420	482.397	632.504	0.327	1.518	2.737	0.513	2.437	1.665	0.632	3.016	1.390
9654	37.124	474.322	651.677	0.334	1.554	2.711	0.517	2.459	1.673	0.637	3.028	1.429
9655	38.748	472.728	676.458	0.329	1.536	2.660	0.514	2.448	1.632	0.634	3.018	1.399
9656	34.471	482.491	603.691	0.343	1.590	2.761	0.523	2.478	1.739	0.643	3.042	1.498
9657	34.986	478.850	632.682	0.339	1.579	2.749	0.521	2.473	1.720	0.640	3.040	1.469
9658	35.452	451.900	652.680	0.340	1.576	2.751	0.521	2.471	1.721	0.640	3.037	1.468
9659	33.811	446.923	672.845	0.344	1.597	2.750	0.525	2.488	1.732	0.643	3.046	1.494
9660	35.116	426.621	659.579	0.342	1.586	2.769	0.523	2.478	1.744	0.643	3.051	1.476
9661	31.051	459.081	626.431	0.477	1.574	3.874	0.532	2.510	1.823	0.649	3.061	1.571
9662	43.531	474.235	677.497	0.319	1.490	2.670	0.507	2.419	1.601	0.627	2.993	1.351
9663	39.014	465.913	636.440	0.330	1.538	2.697	0.514	2.447	1.656	0.635	3.019	1.420
9664	39.347	481.226	670.861	0.326	1.528	2.656	0.514	2.449	1.617	0.633	3.019	1.382
9665	41.805	472.979	655.221	0.322	1.508	2.649	0.510	2.431	1.608	0.631	3.008	1.372
9666	32.502	477.280	615.401	0.349	1.614	2.791	0.528	2.495	1.783	0.646	3.054	1.523
9667	25.646	460.107	631.404	0.975	1.609	5.607	0.871	2.504	3.337	0.910	3.068	2.732
9668	48.573	470.264	647.596	0.313	1.447	2.746	0.504	2.393	1.617	0.623	2.981	1.319
9669	27.815	426.025	631.727	0.735	1.587	5.031	0.679	2.505	2.749	0.771	3.057	2.318
9670	57.302	467.881	629.254	0.299	1.394	2.722	0.494	2.360	1.558	0.615	2.949	1.283
9671	39.226	462.846	646.155	0.348	1.512	3.010	0.526	2.431	1.835	0.638	3.017	1.461
9672	49.270	432.794	678.437	0.310	1.451	2.678	0.502	2.393	1.589	0.623	2.977	1.333
9673	34.923	481.509	594.244	0.345	1.580	2.842	0.525	2.471	1.790	0.641	3.046	1.472
9674	32.457	434.464	686.694	0.349	1.621	2.783	0.528	2.500	1.784	0.645	3.055	1.524
9675	34.819	467.981	622.476	0.343	1.585	2.771	0.524	2.480	1.732	0.641	3.036	1.490
9676	34.098	479.882	662.915	0.341	1.586	2.732	0.595	2.451	2.241	0.691	3.019	1.840
9677	30.747	488.427	585.586	0.358	1.639	2.874	0.533	2.508	1.844	0.651	3.065	1.581
9678	46.971	483.814	698.188	0.311	1.459	2.620	0.502	2.401	1.555	0.623	2.980	1.306
9679	42.569	481.688	653.141	0.323	1.497	2.682	0.510	2.423	1.623	0.629	2.999	1.362
9680	32.342	454.951	594.070	0.353	1.624	2.856	0.530	2.498	1.829	0.648	3.059	1.561

9681	43.267	491.461	678.149	0.317	1.488	2.655	0.506	2.419	1.591	0.626	2.994	1.341
9682	36.858	461.790	680.818	0.336	1.558	2.695	0.518	2.458	1.675	0.638	3.030	1.430
9683	37.922	454.193	697.113	0.332	1.546	2.681	0.516	2.453	1.650	0.636	3.024	1.418
9684	33.597	464.342	635.047	0.347	1.601	2.766	0.525	2.486	1.748	0.645	3.048	1.511
9685	36.952	458.355	631.291	0.336	1.560	2.751	0.518	2.459	1.713	0.637	3.026	1.456
9686	30.396	509.565	595.441	0.384	1.607	3.219	0.532	2.517	1.792	0.650	3.067	1.558
9687	24.876	485.932	656.646	1.008	1.618	5.570	0.900	2.510	3.354	0.921	3.077	2.726
9688	35.609	452.827	685.682	0.346	1.562	2.849	0.527	2.463	1.787	0.638	3.033	1.446
9689	51.455	504.652	616.670	0.306	1.431	2.638	0.498	2.382	1.535	0.620	2.965	1.298
9690	45.022	509.988	647.650	0.318	1.472	2.693	0.508	2.413	1.604	0.625	2.991	1.322
9691	36.860	479.243	639.347	0.337	1.556	2.742	0.518	2.456	1.700	0.638	3.029	1.437
9692	45.744	524.473	737.197	0.311	1.466	2.500	0.503	2.405	1.497	0.624	2.986	1.276
9693	41.194	488.010	645.178	0.327	1.511	2.679	0.512	2.430	1.622	0.633	3.010	1.380
9694	30.120	477.270	657.952	0.478	1.584	3.815	0.534	2.516	1.811	0.688	3.048	1.855
9695	46.839	491.657	702.780	0.312	1.461	2.595	0.504	2.407	1.533	0.623	2.980	1.300
9696	37.552	491.395	689.199	0.336	1.541	2.704	0.519	2.455	1.659	0.636	3.029	1.384
9697	33.793	485.094	681.937	0.344	1.589	2.704	0.524	2.481	1.703	0.643	3.045	1.468
9698	31.302	459.915	663.005	0.356	1.629	2.809	0.532	2.504	1.806	0.649	3.059	1.549
9699	38.759	490.592	656.606	0.330	1.532	2.692	0.515	2.446	1.652	0.634	3.017	1.401
9700	40.314	460.571	663.658	0.327	1.524	2.683	0.512	2.438	1.633	0.633	3.012	1.398
9701	39.796	456.173	715.045	0.326	1.525	2.635	0.512	2.439	1.620	0.632	3.013	1.380
9702	28.861	425.163	655.636	0.630	1.588	4.569	0.627	2.496	2.514	0.703	3.060	1.983
9703	37.073	518.704	634.398	0.334	1.546	2.724	0.517	2.452	1.678	0.635	3.021	1.415
9704	33.737	443.423	647.375	0.346	1.600	2.784	0.526	2.488	1.759	0.643	3.044	1.511
9705	30.378	439.697	682.055	0.457	1.589	3.732	0.535	2.516	1.833	0.688	3.053	1.857
9706	29.278	419.442	656.953	0.586	1.586	4.415	0.616	2.489	2.474	0.729	3.052	2.106
9707	57.748	471.427	727.169	0.296	1.394	2.577	0.493	2.359	1.491	0.616	2.955	1.234
9708	34.150	465.497	632.130	0.378	1.560	3.204	0.549	2.464	2.002	0.656	3.044	1.605
9709	34.948	467.903	658.355	0.340	1.579	2.746	0.521	2.472	1.721	0.640	3.036	1.466
9710	37.479	478.241	650.254	0.463	1.499	3.703	0.516	2.455	1.670	0.637	3.027	1.422
9711	42.385	470.208	656.910	0.321	1.503	2.662	0.508	2.425	1.610	0.629	2.999	1.374
9712	40.736	464.848	671.596	0.325	1.518	2.667	0.512	2.440	1.616	0.631	3.005	1.389
9713	46.987	461.137	666.005	0.312	1.468	2.627	0.504	2.405	1.573	0.624	2.982	1.338
9714	45.347	482.614	629.824	0.317	1.476	2.694	0.507	2.415	1.597	0.626	2.989	1.350
9715	44.389	490.467	674.328	0.316	1.481	2.630	0.506	2.414	1.575	0.626	2.993	1.332
9716	38.294	454.495	652.785	0.333	1.544	2.724	0.516	2.451	1.677	0.636	3.020	1.429
9717	33.865	461.023	701.313	0.344	1.594	2.715	0.523	2.481	1.710	0.642	3.043	1.473
9718	30.470	484.570	650.525	0.358	1.637	2.804	0.533	2.507	1.812	0.650	3.063	1.555
9719	30.410	481.014	653.487	0.386	1.608	3.193	0.534	2.504	1.841	0.650	3.068	1.547
9720	30.092	452.472	691.361	0.518	1.582	3.989	0.537	2.510	1.862	0.652	3.074	1.559
9721	45.437	466.933	645.453	0.318	1.475	2.703	0.507	2.413	1.607	0.627	2.990	1.353
9722	33.697	468.942	648.046	0.346	1.594	2.786	0.526	2.488	1.745	0.643	3.047	1.489
9723	33.416	478.190	645.018	0.346	1.597	2.765	0.524	2.481	1.747	0.643	3.044	1.493
9724	22.754	468.368	713.091	2.519	1.626	8.106	0.941	2.527	3.567	1.096	3.080	3.219

9725	31.172	499.810	654.553	0.442	1.568	3.605	0.544	2.490	1.926	0.653	3.059	1.566
9726	47.342	479.773	648.848	0.313	1.461	2.661	0.505	2.412	1.560	0.624	2.982	1.326
9727	44.479	500.881	666.899	0.317	1.477	2.652	0.508	2.425	1.560	0.627	2.995	1.322
9728	33.781	448.846	687.626	0.349	1.596	2.787	0.526	2.483	1.755	0.643	3.045	1.492
9729	41.875	421.440	692.976	0.429	1.465	3.584	0.513	2.442	1.626	0.632	3.011	1.390
9730	40.194	500.360	651.237	0.325	1.519	2.639	0.511	2.438	1.611	0.632	3.013	1.376
9731	41.114	494.572	687.844	0.323	1.509	2.617	0.510	2.432	1.584	0.630	3.002	1.362
9732	36.068	442.000	646.970	0.340	1.572	2.750	0.521	2.470	1.716	0.641	3.034	1.474
9733	38.660	495.832	673.819	0.328	1.533	2.649	0.514	2.453	1.615	0.633	3.013	1.390
9734	43.620	445.206	683.425	0.320	1.495	2.657	0.508	2.422	1.603	0.629	2.997	1.368
9735	42.413	522.884	642.739	0.320	1.496	2.622	0.507	2.422	1.576	0.629	3.001	1.347
9736	35.372	484.589	659.522	0.340	1.571	2.724	0.521	2.469	1.698	0.640	3.035	1.448
9737	37.361	446.068	660.742	0.335	1.554	2.728	0.517	2.455	1.692	0.637	3.027	1.439
9738	43.043	456.519	629.507	0.320	1.502	2.685	0.509	2.426	1.630	0.630	3.006	1.381
9739	30.908	467.521	678.432	0.406	1.590	3.390	0.532	2.512	1.783	0.649	3.070	1.527
9740	40.970	495.715	674.498	0.324	1.509	2.648	0.511	2.431	1.608	0.631	3.005	1.365
9741	42.892	485.360	626.782	0.321	1.500	2.669	0.509	2.427	1.605	0.629	2.997	1.377
9742	43.899	482.684	631.857	0.318	1.489	2.679	0.507	2.418	1.607	0.628	3.001	1.352
9743	28.400	476.042	598.310	0.638	1.589	4.572	0.634	2.499	2.532	0.717	3.061	2.049
9744	49.957	451.222	636.319	0.310	1.442	2.752	0.501	2.387	1.614	0.621	2.971	1.336
9745	29.718	486.248	600.504	0.397	1.615	3.361	0.540	2.513	1.932	0.724	3.050	2.054
9746	41.131	460.983	639.751	0.325	1.513	2.745	0.514	2.445	1.650	0.632	3.014	1.389
9747	28.663	430.133	607.949	0.542	1.602	4.309	0.654	2.496	2.654	0.745	3.053	2.207
9748	28.942	493.525	635.361	0.505	1.585	4.026	0.553	2.512	2.036	0.702	3.055	1.940
9749	35.214	479.045	706.752	0.341	1.566	2.745	0.523	2.469	1.705	0.639	3.037	1.427
9750	28.412	473.851	650.682	0.517	1.603	4.048	0.639	2.496	2.521	0.658	3.084	1.623
9751	32.820	448.865	642.674	0.354	1.606	2.883	0.530	2.485	1.832	0.646	3.057	1.515
9752	30.325	462.608	670.051	0.473	1.582	3.803	0.533	2.513	1.815	0.708	3.047	1.955
9753	44.491	446.590	662.085	0.319	1.485	2.711	0.507	2.414	1.627	0.628	2.994	1.368
9754	30.852	475.708	666.695	0.433	1.579	3.571	0.532	2.508	1.796	0.674	3.046	1.763
9755	39.785	453.138	705.381	0.329	1.522	2.704	0.514	2.440	1.644	0.634	3.021	1.379
9756	32.970	426.382	653.264	0.351	1.614	2.805	0.528	2.493	1.782	0.646	3.049	1.543
9757	36.131	507.390	669.436	0.334	1.558	2.673	0.518	2.462	1.656	0.636	3.027	1.417
9758	31.516	487.412	653.756	0.353	1.620	2.781	0.530	2.499	1.771	0.647	3.055	1.525
9759	31.744	504.684	593.239	0.354	1.618	2.847	0.531	2.495	1.819	0.647	3.058	1.537
9760	38.100	443.142	627.048	0.334	1.549	2.786	0.518	2.456	1.723	0.636	3.025	1.452
9761	37.542	463.542	621.750	0.339	1.546	2.858	0.516	2.455	1.701	0.636	3.023	1.450
9762	33.574	496.402	654.070	0.342	1.593	2.709	0.522	2.481	1.708	0.644	3.060	1.452
9763	41.514	526.351	661.185	0.321	1.503	2.612	0.509	2.428	1.587	0.630	3.005	1.346
9764	32.768	488.153	661.078	0.349	1.602	2.761	0.526	2.486	1.745	0.645	3.051	1.494
9765	29.737	475.276	627.856	0.494	1.587	3.950	0.555	2.511	2.036	0.688	3.056	1.870
9766	38.442	527.540	664.796	0.329	1.529	2.672	0.514	2.444	1.636	0.632	3.013	1.379
9767	35.136	464.370	623.123	0.343	1.581	2.769	0.523	2.475	1.729	0.642	3.037	1.492
9768	33.736	474.557	653.753	0.344	1.594	2.755	0.524	2.482	1.737	0.642	3.045	1.486

9769	34.946	457.813	625.201	0.342	1.584	2.777	0.523	2.476	1.748	0.642	3.047	1.478
9770	37.023	514.918	659.357	0.331	1.548	2.666	0.515	2.454	1.638	0.635	3.024	1.406
9771	46.318	476.748	673.875	0.314	1.469	2.619	0.506	2.415	1.549	0.626	2.988	1.324
9772	33.431	465.962	613.918	0.493	1.543	3.914	0.528	2.485	1.805	0.645	3.050	1.515
9773	38.923	468.282	621.237	0.330	1.538	2.744	0.514	2.447	1.684	0.634	3.016	1.429
9774	38.828	447.957	688.806	0.328	1.538	2.676	0.513	2.446	1.650	0.634	3.018	1.409
9775	35.654	460.586	678.978	0.338	1.572	2.698	0.522	2.466	1.726	0.645	3.025	1.531
9776	36.655	440.777	663.778	0.337	1.563	2.737	0.519	2.461	1.702	0.639	3.031	1.454
9777	28.569	458.885	655.039	0.571	1.596	4.281	0.616	2.507	2.409	0.718	3.056	2.044
9778	39.557	473.540	644.473	0.330	1.526	2.740	0.514	2.438	1.678	0.634	3.020	1.398
9779	51.217	466.559	624.082	0.306	1.438	2.650	0.499	2.384	1.566	0.621	2.970	1.318
9780	43.545	468.736	596.376	0.323	1.492	2.808	0.510	2.417	1.696	0.627	2.997	1.382
9781	38.371	491.320	638.858	0.328	1.540	2.686	0.514	2.450	1.653	0.633	3.016	1.411
9782	30.111	486.929	668.744	0.466	1.582	3.733	0.532	2.512	1.791	0.704	3.051	1.915
9783	43.645	460.794	663.426	0.321	1.489	2.700	0.509	2.418	1.623	0.629	2.998	1.360
9784	37.942	460.236	639.468	0.333	1.549	2.726	0.516	2.454	1.682	0.636	3.024	1.436
9785	33.709	456.229	640.612	0.344	1.602	2.749	0.524	2.486	1.745	0.644	3.047	1.507
9786	39.444	469.807	677.692	0.328	1.525	2.692	0.512	2.440	1.632	0.634	3.022	1.380
9787	31.934	472.924	658.769	0.352	1.619	2.776	0.529	2.502	1.758	0.647	3.057	1.520
9788	29.911	463.913	597.966	0.439	1.597	3.709	0.537	2.518	1.898	0.653	3.071	1.611
9789	36.880	499.647	653.251	0.333	1.551	2.720	0.517	2.458	1.682	0.635	3.025	1.416
9790	29.498	446.393	649.435	0.536	1.588	4.172	0.538	2.527	1.870	0.655	3.080	1.607
9791	38.434	472.163	609.794	0.333	1.542	2.770	0.517	2.449	1.712	0.635	3.018	1.439
9792	41.472	515.745	628.903	0.320	1.508	2.643	0.510	2.435	1.609	0.630	3.005	1.368
9793	41.766	492.239	680.179	0.321	1.503	2.622	0.511	2.439	1.567	0.629	3.002	1.357
9794	36.747	472.651	679.730	0.336	1.555	2.691	0.518	2.459	1.667	0.637	3.026	1.428
9795	40.571	456.945	645.627	0.326	1.523	2.686	0.514	2.447	1.627	0.632	3.008	1.407
9796	41.054	488.577	650.421	0.322	1.514	2.643	0.510	2.431	1.620	0.631	3.007	1.374
9797	29.549	461.038	634.357	0.552	1.583	4.209	0.538	2.527	1.856	0.698	3.053	1.932
9798	25.403	457.938	618.920	0.951	1.614	5.581	0.773	2.506	3.138	0.753	3.079	2.272
9799	42.775	483.646	690.505	0.322	1.490	2.712	0.510	2.422	1.628	0.628	3.001	1.339
9800	33.607	473.218	612.371	0.348	1.601	2.791	0.526	2.485	1.766	0.644	3.045	1.518
9801	37.543	426.643	724.216	0.383	1.514	3.286	0.516	2.455	1.687	0.636	3.025	1.428
9802	32.429	466.831	678.913	0.351	1.614	2.756	0.528	2.497	1.740	0.647	3.056	1.512
9803	33.568	475.036	611.799	0.348	1.599	2.815	0.526	2.483	1.779	0.645	3.048	1.515
9804	29.510	461.961	648.810	0.465	1.595	3.805	0.557	2.499	2.094	0.665	3.085	1.665
9805	27.452	489.265	717.599	0.963	1.579	5.200	0.637	2.505	2.469	0.764	3.049	2.204
9806	41.890	457.469	663.591	0.329	1.503	2.751	0.515	2.439	1.642	0.632	3.012	1.374
9807	41.687	479.937	689.787	0.321	1.506	2.614	0.509	2.429	1.588	0.630	3.003	1.358
9808	21.637	467.365	674.997	1.863	1.647	7.543	0.000	0.000	0.000	0.000	0.000	0.000
9809	44.913	495.063	654.750	0.327	1.466	2.817	0.512	2.403	1.686	0.626	2.987	1.340
9810	36.179	461.677	661.178	0.338	1.566	2.727	0.519	2.462	1.703	0.641	3.046	1.427
9811	28.321	474.526	618.143	0.568	1.598	4.296	0.618	2.504	2.445	0.706	3.062	1.988
9812	35.421	480.721	604.756	0.342	1.572	2.831	0.523	2.466	1.775	0.639	3.034	1.475

9813	38.793	493.665	622.169	0.328	1.535	2.709	0.514	2.448	1.656	0.634	3.018	1.412
9814	36.973	459.614	752.088	0.379	1.519	3.184	0.516	2.457	1.639	0.636	3.028	1.405
9815	26.942	472.914	602.528	0.602	1.615	4.522	0.713	2.490	2.904	0.682	3.083	1.863
9816	31.098	488.930	668.879	0.398	1.583	3.330	0.533	2.498	1.833	0.646	3.060	1.507
9817	44.428	500.273	645.814	0.319	1.480	2.667	0.509	2.423	1.581	0.626	2.989	1.344
9818	30.814	466.159	718.864	0.356	1.631	2.778	0.544	2.499	1.911	0.689	3.046	1.834
9819	40.091	452.959	667.204	0.330	1.525	2.710	0.514	2.440	1.656	0.634	3.012	1.408
9820	51.618	458.261	657.337	0.306	1.433	2.646	0.498	2.382	1.545	0.620	2.967	1.304
9821	45.226	447.099	680.846	0.320	1.475	2.747	0.509	2.416	1.637	0.626	2.995	1.336
9822	33.572	504.794	740.585	0.344	1.588	2.660	0.524	2.489	1.654	0.642	3.046	1.429
9823	29.488	521.106	681.580	0.432	1.591	3.488	0.537	2.515	1.793	0.653	3.069	1.544
9824	31.787	460.272	688.693	0.359	1.617	2.851	0.534	2.497	1.822	0.648	3.057	1.520
9825	32.797	506.252	609.285	0.350	1.602	2.798	0.528	2.488	1.768	0.645	3.051	1.506
9826	28.914	514.134	608.257	0.460	1.599	3.755	0.615	2.479	2.435	0.678	3.067	1.787
9827	56.556	467.742	669.165	0.299	1.402	2.644	0.497	2.375	1.513	0.616	2.952	1.273
9828	36.000	498.213	676.219	0.359	1.542	2.983	0.533	2.453	1.838	0.643	3.033	1.473
9829	29.400	447.465	692.982	0.535	1.579	4.152	0.539	2.525	1.847	0.678	3.064	1.788
9830	35.930	415.366	637.437	0.344	1.576	2.849	0.523	2.466	1.790	0.641	3.033	1.503
9831	39.627	482.568	650.093	0.325	1.527	2.664	0.512	2.442	1.637	0.632	3.013	1.394
9832	24.161	463.036	651.590	1.276	1.616	6.320	0.901	2.525	3.417	26.781	3.052	26.448
9833	33.533	502.212	612.466	0.354	1.583	2.919	0.531	2.475	1.839	0.643	3.045	1.492
9834	37.345	511.913	635.873	0.332	1.546	2.701	0.516	2.452	1.664	0.635	3.024	1.414
9835	33.792	472.556	667.596	0.344	1.590	2.743	0.524	2.482	1.721	0.642	3.042	1.476
9836	32.099	491.938	625.852	0.351	1.615	2.785	0.528	2.495	1.774	0.647	3.059	1.518
9837	37.718	504.983	677.963	0.331	1.540	2.675	0.516	2.457	1.630	0.635	3.027	1.382
9838	53.686	462.214	641.940	0.304	1.422	2.645	0.498	2.378	1.542	0.621	2.971	1.284
9839	41.693	489.044	648.016	0.329	1.498	2.797	0.514	2.425	1.686	0.628	3.002	1.360
9840	32.993	471.373	697.302	0.347	1.603	2.732	0.526	2.487	1.731	0.645	3.059	1.467
9841	28.091	486.785	679.567	0.553	1.604	4.136	0.646	2.490	2.540	0.726	3.062	2.042
9842	34.449	460.815	645.874	0.348	1.581	2.836	0.528	2.483	1.769	0.642	3.042	1.488
9843	32.937	466.757	655.629	0.348	1.605	2.779	0.527	2.492	1.755	0.644	3.048	1.504
9844	29.837	502.929	718.384	0.368	1.629	2.904	0.533	2.514	1.768	0.655	3.067	1.570
9845	46.191	496.824	632.617	0.318	1.466	2.682	0.507	2.411	1.575	0.626	2.989	1.328
9846	34.954	473.208	672.774	0.367	1.552	3.080	0.522	2.472	1.721	0.641	3.049	1.429
9847	38.766	406.680	647.505	0.334	1.549	2.777	0.517	2.455	1.712	0.637	3.023	1.461
9848	29.606	480.140	707.326	0.522	1.585	3.957	0.568	2.496	2.114	0.671	3.058	1.728
9849	33.972	486.618	641.283	0.348	1.585	2.805	0.526	2.474	1.766	0.643	3.044	1.483
9850	40.117	490.579	646.146	0.326	1.521	2.683	0.513	2.444	1.623	0.632	3.008	1.394
9851	32.125	454.607	671.546	0.351	1.619	2.778	0.529	2.501	1.767	0.647	3.060	1.517
9852	33.054	469.574	641.740	0.348	1.604	2.785	0.527	2.490	1.766	0.645	3.050	1.509
9853	27.131	491.073	663.399	0.560	1.617	4.204	0.675	2.502	2.668	0.752	3.058	2.188
9854	28.073	449.659	676.090	0.599	1.600	4.376	0.634	2.494	2.530	0.734	3.061	2.105
9855	39.129	468.618	688.116	0.331	1.527	2.719	0.515	2.440	1.664	0.634	3.020	1.385
9856	29.819	487.569	654.145	0.470	1.586	3.768	0.535	2.518	1.803	0.652	3.071	1.561

9857	42.116	491.082	612.814	0.324	1.504	2.725	0.512	2.434	1.644	0.631	3.007	1.382
9858	38.276	482.271	692.821	0.328	1.536	2.655	0.515	2.458	1.610	0.634	3.025	1.378
9859	43.469	444.557	683.280	0.320	1.497	2.654	0.508	2.422	1.604	0.629	2.995	1.373
9860	46.884	467.308	587.430	0.314	1.470	2.714	0.505	2.404	1.631	0.626	2.984	1.369
9861	28.313	432.583	691.796	0.581	1.600	4.328	0.675	2.504	2.652	0.713	3.072	2.002
9862	31.848	458.537	635.379	0.358	1.619	2.888	0.533	2.495	1.856	0.648	3.057	1.546
9863	35.998	477.115	702.987	0.336	1.562	2.697	0.519	2.465	1.674	0.638	3.033	1.421
9864	23.912	508.374	671.872	1.083	1.628	5.703	0.896	2.532	3.290	7.837	3.053	11.821
9865	32.831	466.495	723.562	0.361	1.591	2.909	0.536	2.483	1.840	0.646	3.050	1.501
9866	39.169	481.775	638.329	0.331	1.533	2.697	0.515	2.445	1.656	0.635	3.015	1.416
9867	35.964	452.339	624.263	0.338	1.575	2.752	0.520	2.471	1.718	0.639	3.032	1.480
9868	33.954	469.994	650.612	0.342	1.592	2.748	0.523	2.482	1.730	0.642	3.044	1.486
9869	50.012	451.958	673.816	0.308	1.445	2.638	0.500	2.391	1.558	0.622	2.976	1.310
9870	43.904	485.634	725.501	0.320	1.480	2.645	0.508	2.414	1.595	0.627	2.995	1.314
9871	49.785	474.918	659.509	0.309	1.445	2.603	0.501	2.391	1.535	0.622	2.971	1.310
9872	32.825	481.944	645.044	0.354	1.595	2.883	0.531	2.483	1.820	0.644	3.052	1.491
9873	47.434	471.732	641.043	0.313	1.462	2.676	0.503	2.400	1.583	0.624	2.980	1.338
9874	38.735	446.386	627.012	0.335	1.539	2.811	0.517	2.447	1.723	0.635	3.022	1.432
9875	22.935	472.753	636.202	1.137	1.651	6.076	0.998	2.521	3.787	0.991	3.082	3.049
9876	33.899	480.911	661.689	0.355	1.575	2.938	0.532	2.473	1.838	0.643	3.043	1.489
9877	24.045	456.109	616.201	1.780	1.612	7.291	0.807	2.515	3.325	0.982	3.067	3.027
9878	37.013	413.770	663.391	0.344	1.554	2.924	0.524	2.455	1.818	0.637	3.028	1.470
9879	35.152	445.490	698.944	0.366	1.555	3.076	0.521	2.475	1.699	0.640	3.040	1.459
9880	36.540	442.926	680.096	0.337	1.565	2.709	0.519	2.461	1.692	0.640	3.041	1.431
9881	28.335	415.516	682.401	1.162	1.572	5.765	0.673	2.491	2.712	0.746	3.063	2.171
9882	44.120	509.219	718.236	0.317	1.478	2.599	0.506	2.412	1.558	0.625	2.990	1.306
9883	45.988	487.288	648.922	0.317	1.470	2.651	0.507	2.416	1.564	0.627	2.994	1.328
9884	37.729	472.265	618.820	0.335	1.550	2.760	0.517	2.452	1.706	0.636	3.023	1.438
9885	34.634	488.512	636.979	0.339	1.582	2.723	0.520	2.473	1.709	0.640	3.040	1.464
9886	43.002	492.949	649.326	0.396	1.456	3.370	0.508	2.422	1.593	0.628	2.998	1.359
9887	42.715	464.517	717.728	0.320	1.496	2.634	0.510	2.435	1.566	0.628	2.996	1.352
9888	32.573	451.673	615.085	0.354	1.619	2.849	0.530	2.496	1.813	0.649	3.056	1.558
9889	31.590	478.447	694.065	0.351	1.619	2.780	0.529	2.500	1.761	0.655	3.056	1.594
9890	34.696	540.517	658.017	0.341	1.569	2.698	0.522	2.470	1.677	0.639	3.033	1.432
9891	40.595	442.217	694.850	0.327	1.520	2.683	0.513	2.443	1.626	0.632	3.007	1.395
9892	45.241	489.274	702.236	0.315	1.473	2.583	0.504	2.407	1.550	0.625	2.986	1.316
9893	39.246	436.788	727.477	0.338	1.524	2.794	0.515	2.444	1.649	0.634	3.013	1.403
9894	30.866	459.393	666.232	0.358	1.637	2.803	0.533	2.511	1.796	0.651	3.062	1.561
9895	45.051	439.034	675.439	0.318	1.481	2.699	0.506	2.411	1.619	0.628	3.000	1.349
9896	33.579	461.426	614.141	0.347	1.603	2.802	0.525	2.486	1.771	0.645	3.048	1.519
9897	55.059	428.571	663.180	0.302	1.413	2.725	0.497	2.371	1.589	0.618	2.960	1.311
9898	41.208	481.769	636.650	0.333	1.503	2.846	0.518	2.434	1.714	0.631	3.004	1.397
9899	34.932	478.888	663.487	0.340	1.577	2.729	0.521	2.474	1.702	0.641	3.049	1.436
9900	25.141	496.982	624.116	0.946	1.615	5.412	0.918	2.495	3.438	0.927	3.059	2.777

9901	24.937	476.953	669.216	0.981	1.618	5.531	0.889	2.513	3.329	0.941	3.066	2.813
9902	44.404	478.453	675.735	0.322	1.478	2.723	0.510	2.412	1.640	0.627	2.994	1.337
9903	30.406	443.263	654.733	0.504	1.581	4.007	0.615	2.491	2.392	0.710	3.047	1.984
9904	31.723	512.569	648.396	0.352	1.610	2.796	0.529	2.495	1.765	0.646	3.057	1.496
9905	40.866	482.315	637.115	0.326	1.514	2.706	0.513	2.441	1.635	0.631	3.004	1.394
9906	48.757	469.067	692.199	0.309	1.451	2.608	0.501	2.394	1.543	0.622	2.976	1.305
9907	47.847	458.857	665.440	0.314	1.457	2.688	0.504	2.399	1.590	0.623	2.978	1.329
9908	45.373	416.448	655.067	0.320	1.483	2.761	0.507	2.412	1.656	0.628	3.000	1.371
9909	43.884	520.872	656.099	0.316	1.482	2.621	0.507	2.426	1.548	0.627	2.996	1.319
9910	25.113	474.431	658.657	1.030	1.615	5.617	0.940	2.494	3.508	0.803	3.069	2.432
9911	28.657	484.945	653.510	0.513	1.598	3.997	0.592	2.497	2.291	0.657	3.082	1.604
9912	33.543	487.156	590.396	0.350	1.596	2.860	0.528	2.480	1.817	0.644	3.048	1.514
9913	34.677	465.541	600.375	0.461	1.532	3.798	0.522	2.476	1.769	0.641	3.039	1.504
9914	29.937	471.292	679.759	0.511	1.584	3.963	0.534	2.522	1.804	0.663	3.065	1.676
9915	29.066	480.282	647.809	0.606	1.573	4.397	0.540	2.517	1.896	0.654	3.077	1.588
9916	41.643	445.098	592.142	0.328	1.516	2.797	0.513	2.433	1.710	0.631	3.005	1.429
9917	37.867	480.546	655.481	0.329	1.546	2.692	0.514	2.451	1.662	0.634	3.023	1.412
9918	31.861	462.394	661.800	0.352	1.623	2.775	0.530	2.504	1.766	0.647	3.058	1.525
9919	27.186	471.867	659.931	0.950	1.585	5.340	0.640	2.513	2.538	0.704	3.073	1.972
9920	34.456	460.599	652.584	0.349	1.579	2.861	0.527	2.471	1.797	0.642	3.042	1.481
9921	47.205	515.553	675.448	0.310	1.458	2.567	0.502	2.400	1.525	0.624	2.989	1.284
9922	30.107	418.066	664.632	0.607	1.573	4.464	0.542	2.517	1.937	0.655	3.081	1.604
9923	40.921	411.866	673.394	0.328	1.521	2.772	0.513	2.436	1.687	0.633	3.011	1.418
9924	35.292	450.859	650.640	0.339	1.581	2.720	0.520	2.473	1.711	0.641	3.040	1.472
9925	35.595	487.072	672.532	0.337	1.568	2.698	0.519	2.468	1.675	0.638	3.033	1.436
9926	29.261	492.027	620.146	0.364	1.660	2.856	0.537	2.520	1.856	0.653	3.071	1.596
9927	32.987	508.560	685.048	0.348	1.590	2.768	0.525	2.480	1.736	0.641	3.045	1.454
9928	44.664	443.808	677.838	0.319	1.485	2.677	0.508	2.416	1.606	0.628	2.998	1.354
9929	41.991	466.333	613.434	0.324	1.510	2.719	0.510	2.429	1.642	0.631	3.007	1.393
9930	44.130	436.636	664.696	0.317	1.491	2.696	0.508	2.428	1.614	0.628	2.999	1.368
9931	35.765	494.865	622.255	0.337	1.569	2.724	0.519	2.464	1.705	0.641	3.047	1.434
9932	25.957	462.112	665.071	1.026	1.602	5.591	0.917	2.486	3.433	0.783	3.068	2.350
9933	32.760	457.554	633.205	0.477	1.552	3.846	0.533	2.489	1.858	0.646	3.057	1.515
9934	23.754	453.753	638.788	1.312	1.636	6.362	0.942	2.517	3.618	0.967	3.078	2.974
9935	38.373	449.676	696.773	0.338	1.531	2.830	0.521	2.450	1.726	0.633	3.018	1.407
9936	48.866	492.505	643.639	0.309	1.449	2.611	0.501	2.391	1.556	0.623	2.977	1.309
9937	31.705	465.245	644.262	0.358	1.618	2.891	0.533	2.495	1.843	0.647	3.061	1.526
9938	34.122	502.160	704.344	0.342	1.579	2.706	0.522	2.475	1.688	0.640	3.039	1.436
9939	31.411	479.794	677.777	0.355	1.620	2.782	0.532	2.502	1.772	0.648	3.057	1.524
9940	25.520	498.521	689.520	0.955	1.606	5.328	0.675	2.522	2.665	0.775	3.069	2.285
9941	41.467	469.340	670.128	0.330	1.503	2.760	0.514	2.427	1.672	0.631	3.009	1.369
9942	35.283	449.302	607.893	0.343	1.587	2.792	0.523	2.474	1.759	0.642	3.036	1.508
9943	26.056	446.029	737.857	1.020	1.599	5.501	0.800	2.511	3.034	0.901	3.072	2.620
9944	30.733	458.321	685.118	0.457	1.581	3.696	0.541	2.498	1.907	0.651	3.068	1.547

9945	42.489	474.061	682.907	0.322	1.497	2.667	0.509	2.422	1.611	0.629	2.997	1.360
9946	35.667	468.586	628.581	0.340	1.574	2.747	0.521	2.467	1.722	0.640	3.033	1.472
9947	30.920	482.743	617.251	0.354	1.635	2.819	0.531	2.507	1.807	0.649	3.065	1.553
9948	37.325	477.880	679.068	0.333	1.545	2.717	0.516	2.451	1.674	0.635	3.025	1.409
9949	31.201	476.298	637.997	0.355	1.629	2.813	0.531	2.502	1.801	0.649	3.058	1.552
9950	39.092	466.136	682.782	0.329	1.529	2.703	0.514	2.444	1.652	0.633	3.013	1.399
9951	28.421	463.518	651.104	0.608	1.592	4.416	0.649	2.497	2.561	0.707	3.065	1.973
9952	49.243	445.918	688.044	0.311	1.447	2.685	0.501	2.390	1.582	0.622	2.976	1.316
9953	31.469	461.597	567.103	0.363	1.629	2.997	0.537	2.500	1.931	0.649	3.061	1.589
9954	33.283	453.621	678.206	0.345	1.598	2.795	0.598	2.475	2.236	0.698	3.029	1.883
9955	38.334	513.638	663.478	0.330	1.534	2.653	0.514	2.448	1.626	0.634	3.019	1.384
9956	41.773	507.693	676.490	0.321	1.502	2.607	0.509	2.428	1.574	0.630	3.008	1.339
9957	31.821	487.676	639.122	0.352	1.618	2.776	0.530	2.499	1.771	0.647	3.056	1.520
9958	28.744	437.293	673.435	0.552	1.598	4.236	0.608	2.497	2.409	0.703	3.065	1.958
9959	34.134	450.252	669.393	0.347	1.587	2.812	0.526	2.479	1.773	0.642	3.041	1.487
9960	34.522	437.675	644.520	0.345	1.593	2.788	0.524	2.482	1.754	0.642	3.040	1.505
9961	27.806	455.636	703.621	0.572	1.607	4.228	0.598	2.505	2.334	0.727	3.066	2.060
9962	33.192	460.817	673.008	0.464	1.544	3.727	0.530	2.483	1.796	0.644	3.046	1.499
9963	33.426	491.705	690.884	0.345	1.591	2.715	0.524	2.483	1.707	0.643	3.047	1.461
9964	35.730	472.405	638.342	0.340	1.571	2.739	0.521	2.467	1.715	0.640	3.036	1.459
9965	41.727	543.842	677.383	0.319	1.499	2.577	0.507	2.423	1.559	0.628	3.003	1.322
9966	42.293	477.752	672.458	0.322	1.502	2.636	0.509	2.425	1.597	0.630	3.001	1.368
9967	34.308	475.052	647.911	0.343	1.588	2.733	0.523	2.479	1.721	0.642	3.040	1.482
9968	32.375	474.349	578.746	0.352	1.621	2.850	0.530	2.498	1.822	0.647	3.057	1.558
9969	35.900	454.900	649.567	0.337	1.570	2.774	0.519	2.465	1.730	0.638	3.036	1.459
9970	50.920	501.565	644.946	0.304	1.436	2.571	0.498	2.383	1.525	0.620	2.970	1.286
9971	33.634	420.281	653.633	0.461	1.547	3.789	0.533	2.488	1.855	0.644	3.050	1.517
9972	43.471	472.032	640.630	0.324	1.488	2.778	0.507	2.421	1.610	0.628	2.995	1.368
9973	37.992	490.938	688.377	0.329	1.539	2.644	0.514	2.448	1.625	0.635	3.027	1.380
9974	42.133	489.173	646.066	0.322	1.504	2.654	0.509	2.428	1.601	0.630	2.999	1.375
9975	34.768	505.686	650.196	0.340	1.576	2.706	0.520	2.470	1.692	0.640	3.039	1.446
9976	27.388	492.395	613.032	0.615	1.607	4.458	0.661	2.502	2.637	0.753	3.061	2.202
9977	38.376	441.726	679.087	0.334	1.537	2.790	0.518	2.448	1.717	0.635	3.022	1.418
9978	27.695	469.967	715.562	0.556	1.609	4.134	0.684	2.482	2.699	0.749	3.069	2.120
9979	28.943	455.753	643.536	0.740	1.574	4.804	0.548	2.532	1.944	0.656	3.077	1.623
9980	30.771	456.871	650.504	0.449	1.582	3.704	0.588	2.478	2.279	0.688	3.047	1.859
9981	31.292	495.567	666.218	0.465	1.564	3.711	0.610	2.464	2.331	0.647	3.060	1.510
9982	32.152	496.132	655.643	0.431	1.560	3.531	0.528	2.488	1.773	0.646	3.055	1.498
9983	28.518	447.232	690.041	0.684	1.585	4.630	0.545	2.547	1.879	0.752	3.061	2.156
9984	34.188	521.904	611.753	0.346	1.578	2.802	0.525	2.475	1.747	0.641	3.039	1.467
9985	54.453	508.095	649.693	0.300	1.412	2.577	0.496	2.371	1.508	0.617	2.959	1.260
9986	38.309	512.287	679.278	0.343	1.521	2.840	0.523	2.440	1.738	0.635	3.020	1.394
9987	38.291	467.158	647.041	0.332	1.543	2.702	0.516	2.450	1.663	0.636	3.020	1.425
9988	27.633	500.096	661.543	0.572	1.604	4.202	0.687	2.482	2.710	0.758	3.053	2.190

9989	40.126	473.280	672.361	0.331	1.515	2.751	0.516	2.445	1.655	0.633	3.015	1.379
9990	33.108	469.743	703.177	0.347	1.601	2.722	0.525	2.487	1.719	0.645	3.050	1.481
9991	41.065	449.250	702.726	0.326	1.514	2.662	0.511	2.432	1.622	0.632	3.011	1.375
9992	28.227	464.917	656.993	0.584	1.599	4.333	0.592	2.505	2.314	0.730	3.070	2.061
9993	28.138	489.688	713.311	0.546	1.590	4.121	0.630	2.502	2.424	0.680	3.084	1.751
9994	39.592	459.983	678.550	0.333	1.523	2.745	0.516	2.440	1.673	0.634	3.014	1.402
9995	46.818	456.288	673.930	0.313	1.469	2.629	0.504	2.403	1.581	0.625	2.982	1.340
9996	44.279	486.737	658.742	0.318	1.483	2.663	0.509	2.424	1.589	0.627	2.996	1.342
9997	40.522	494.484	650.761	0.353	1.493	3.029	0.511	2.434	1.626	0.632	3.010	1.377
9998	36.510	447.260	676.093	0.337	1.563	2.723	0.518	2.461	1.694	0.640	3.041	1.429
9999	24.715	433.596	649.340	3.415	1.594	9.265	0.701	2.522	2.942	0.977	3.077	2.944
10000	40.513	469.017	657.090	0.331	1.513	2.788	0.515	2.437	1.684	0.632	3.019	1.371