

Time (s)	(s) 0.0005	0.50V (±0.005V)	1.00V (±0.005V)	1.50V (±0.005V)	2.00V (±0.005V)	2.50V (±0.005V)	3.00V (±0.005V)	3.50V (±0.005V)	4.00V (±0.005V)	4.50V (±0.005V)	5.00V (±0.005V)
Instantaneous voltage (V)	(V) (±0.0005V)	Instantaneous current (I) (Amp) (±0.0005Amp)	Instantaneous voltage (V) (V) (±0.0005V)	Instantaneous current (I) (Amp) (±0.0005Amp)	Instantaneous voltage (V) (V) (±0.0005V)	Instantaneous current (I) (Amp) (±0.0005Amp)	Instantaneous voltage (V) (V) (±0.0005V)	Instantaneous current (I) (Amp) (±0.0005Amp)	Instantaneous voltage (V) (V) (±0.0005V)	Instantaneous current (I) (Amp) (±0.0005Amp)	Instantaneous voltage (V) (V) (±0.0005V)
0.001	0.465	-0.0059	1.144	0.0046	2.409	-0.0145	2.281	0.0047	2.681	-0.0092	3.228
0.002	0.415	-0.0059	1.172	0.0118	2.169	-0.0193	2.379	0.0025	2.072	0.0153	2.982
0.003	0.443	-0.0059	1.155	0.0093	1.979	-0.0173	1.958	0.0091	2.234	0.0072	3.038
0.004	0.335	-0.0015	1.051	0.023	1.767	-0.0196	1.885	0.0121	2.36	0.0218	3.593
0.005	0.352	0.0004	0.949	-0.0093	1.921	-0.0003	1.555	-0.0178	2.174	0.0441	2.423
0.006	0.429	0.0054	0.845	-0.0087	1.769	-0.0145	1.453	-0.0042	3.003	0.0514	4.045
0.007	0.353	0.0042	0.712	0.0004	1.568	-0.0173	1.511	0.0144	2.302	0.0311	3.569
0.008	0.611	0.0049	0.682	-0.0039	1.43	-0.0151	1.835	0.0308	3.064	0.0033	3.712
0.009	0.577	-0.0039	0.707	0.0081	1.27	-0.0151	2.203	0.0351	2.912	0.0296	3.328
0.010	0.526	-0.0042	0.839	0.0151	1.443	-0.0093	2.444	0.0537	2.047	0.0347	2.956
0.011	0.445	-0.0045	1.041	0.0141	1.441	-0.0049	2.415	0.0811	2.309	0.0309	3.232
0.012	0.374	-0.0045	1.166	-0.0063	1.578	0.0275	1.975	-0.0199	1.838	0.0233	2.233
0.013	0.348	-0.0018	1.049	0.0238	1.761	-0.0193	1.888	0.0121	2.367	0.0209	3.058
0.014	0.343	0.0037	1.035	0.0003	1.563	-0.0170	1.887	0.0170	2.174	0.0237	3.794
0.015	0.425	0.0091	0.855	-0.0099	1.777	-0.0145	1.459	0.0045	2.598	0.0514	4.403
0.016	0.53	0.0109	0.756	-0.0099	1.607	-0.0154	1.556	0.0151	2.983	0.0296	4.097
0.017	0.602	0.0049	0.887	-0.0042	1.439	0.0208	1.839	0.0308	3.056	0.0042	3.708
0.018	0.506	0.0036	0.707	0.0037	1.295	-0.0161	2.246	0.0521	2.307	0.0308	3.350
0.019	0.519	-0.0042	0.633	0.0148	1.446	-0.0096	2.407	0.0485	2.533	0.0265	3.95
0.020	0.463	-0.0042	1.017	0.0185	1.39	-0.0133	2.42	0.0344	2.287	0.0295	2.687
0.021	0.415	-0.0042	1.17	0.0121	1.297	-0.0193	2.198	0.0205	2.009	0.0274	2.993
0.022	0.367	-0.0046	1.155	0.0078	1.609	-0.0026	1.88	0.0091	2.233	0.0281	3.044
0.023	0.443	-0.0018	1.051	0.0239	1.765	-0.0196	1.74	0.0119	2.563	0.0209	3.598
0.024	0.352	0.0043	0.948	-0.0093	1.928	0.0008	1.567	-0.0178	2.158	0.0435	4.203
0.025	0.428	0.0091	0.848	-0.0049	1.458	0.0248	1.585	0.0432	2.308	0.0514	3.869
0.026	0.507	0.0112	0.749	-0.0084	1.608	-0.0145	1.562	0.0161	2.982	0.0203	4.072
0.027	0.442	0.0048	0.692	-0.0042	1.444	-0.0154	1.812	0.0295	3.025	0.0123	4.503
0.028	0.579	-0.0036	0.704	0.0081	1.295	-0.0148	2.198	0.0354	2.822	0.0299	3.344
0.029	0.527	-0.0042	0.834	0.0148	1.449	-0.0042	2.457	0.0327	2.207	0.0305	3.456
0.030	0.415	-0.0042	1.014	0.0198	1.34	-0.0123	2.424	0.0244	2.027	0.0302	3.637
0.031	0.445	-0.0039	1.162	0.0057	1.288	-0.0166	2.024	0.0278	2.204	0.0294	3.229
0.032	0.375	-0.0057	1.167	0.0278	1.975	-0.0199	1.841	-0.0121	2.227	0.0281	3.045
0.033	0.34	-0.0018	1.062	0.0239	1.761	-0.0196	1.881	0.0109	2.357	0.0293	3.578
0.034	0.355	0.0037	0.959	0.0003	1.569	-0.0178	1.563	0.0121	2.309	0.0295	3.665
0.035	0.428	0.0094	0.851	-0.0093	1.782	-0.0145	1.458	0.0429	2.375	0.0517	4.209
0.036	0.537	0.0112	0.755	-0.0084	1.612	-0.0151	1.548	0.0248	2.409	0.0295	3.688
0.037	0.442	0.0048	0.695	-0.0039	1.295	-0.0145	1.456	0.0247	2.151	0.0293	3.238
0.038	0.531	0.0109	0.757	-0.0084	1.609	-0.0154	1.55	0.0151	2.881	0.0303	4.143
0.039	0.601	0.0048	0.887	-0.0042	1.441	-0.0154	1.812	0.0211	2.982	0.0296	3.735
0.040	0.568	-0.0036	0.705	0.0081	1.295	-0.0148	2.198	0.0354	2.824	0.0299	3.350
0.041	0.445	-0.0042	1.014	0.0198	1.34	-0.0123	2.424	0.0244	2.027	0.0302	3.637
0.042	0.415	-0.0042	1.137	0.0165	1.34	-0.0123	2.459	0.0245	2.547	0.0295	3.229
0.043	0.375	-0.0042	1.175	0.0171	1.295	-0.0161	2.344	0.0278	2.207	0.0302	3.241
0.044	0.443	-0.0042	1.193	0.0165	1.569	-0.0196	1.839	0.0241	2.204	0.0295	3.685
0.045	0.415	-0.0039	1.162	0.0057	1.288	-0.0166	2.024	0.0278	2.204	0.0294	3.229
0.046	0.367	-0.0042	1.162	0.0057	1.288	-0.0166	2.024	0.0278	2.204	0.0294	3.229
0.047	0.34	-0.0018	1.062	0.0239	1.761	-0.0196	1.881	0.0109	2.357	0.0293	3.578
0.048	0.355	0.0037	0.959	0.0003	1.569	-0.0178	1.563	0.0121	2.309	0.0295	3.665
0.049	0.428	0.0091	0.851	-0.0093	1.782	-0.0145	1.458	0.0429	2.375	0.0517	4.209
0.050	0.507	0.0112	0.755	-0.0084	1.612	-0.0151	1.548	0.0248	2.409	0.0295	3.688
0.051	0.442	0.0048	0.695	-0.0039	1.295	-0.0145	2.198	0.0354	2.822	0.0299	3.350
0.052	0.579	-0.0036	0.705	0.0081	1.295	-0.0148	2.198	0.0354	2.822	0.0299	3.350
0.053	0.415	-0.0042	1.014	0.0198	1.34	-0.0123	2.43	0.0241	2.027	0.0302	3.637
0.054	0.445	-0.0042	1.137	0.0165	1.295	-0.0161	2.403	0.0241	2.207	0.0295	3.229
0.055	0.375	-0.0042	1.175	0.0171	1.295	-0.0161	2.344	0.0278	2.207	0.0295	3.229
0.056	0.443	-0.0042	1.193	0.0165	1.569	-0.0196	1.839	0.0241	2.204	0.0295	3.685
0.057	0.415	-0.0039	1.162	0.0057	1.288	-0.0166	2.024	0.0278	2.204	0.0294	3.229
0.058	0										

0.183	0.368	-0.0042	1.174	-0.0033	1.492	0.0383	2.004	-0.0199	1.867	0.0169	2.233	-0.0131	2.881	0.0318	3.071	0.0186	3.003	0.0469	4.963	-0.0018
0.183	0.366	-0.0015	1.069	-0.0087	1.78	0.0266	1.799	-0.0198	2.061	0.0043	2.311	0.0167	3.396	0.0547	3.519	0.0511	3.5	0.0486	4.963	-0.0048
0.184	0.352	0.0024	0.967	-0.009	1.929	0.0279	1.586	-0.0184	2.078	0.0141	4.007	0.0278	3.583	0.0659	3.417	0.0307	4.963	-0.051	4.963	-0.0486
0.185	0.423	0.0041	0.965	-0.009	1.718	0.0261	1.455	-0.0172	2.417	0.0117	3.196	0.0261	4.238	0.0493	3.774	0.0403	4.231	-0.051	4.963	-0.0486
0.186	0.515	0.0112	0.767	-0.0087	1.65	0.0151	1.521	0.0121	2.89	0.0039	3.644	0.0306	4.274	0.0259	4.93	-0.0039	4.448	0.0701	4.12	-0.0477
0.187	0.611	0.0049	0.689	-0.0051	1.479	0.0151	1.777	0.0209	3.084	0.0083	3.716	-0.0057	3.878	0.0353	4.56	-0.0383	4.963	0.0695	3.793	-0.0205
0.188	0.577	-0.0046	0.604	0.004	1.317	0.0148	1.475	0.0148	2.156	0.0054	3.054	0.0269	3.491	0.0365	4.102	0.0211	4.963	0.0242	3.972	-0.0205
0.189	0.525	0.0042	0.603	0.0139	1.17	0.0124	1.437	0.0103	2.823	0.0044	3.074	0.0305	3.114	0.0266	3.642	-0.0047	4.963	0.0383	4.519	-0.0303
0.19	0.473	-0.0042	0.99	0.0185	1.124	0.0246	2.449	-0.0081	2.355	0.0247	2.749	-0.0302	2.768	-0.0389	4.963	0.0819	4.963	-0.0462	4.963	-0.0381
0.191	0.421	-0.0042	1.163	0.0145	1.239	0.0239	2.23	-0.0193	2.044	0.0241	2.441	-0.0287	2.65	0.0241	4.304	0.0242	4.963	0.0589	4.963	-0.0486
0.192	0.379	0.0039	1.154	0.0103	1.488	0.0349	2.211	0.0159	1.87	0.0202	2.241	0.0231	2.479	0.0338	3.503	0.0193	3.151	0.0458	4.963	-0.0304
0.193	0.339	-0.0021	1.08	-0.0084	1.78	0.0272	1.707	-0.0198	1.942	0.0046	2.32	0.018	3.387	0.0538	3.514	0.0508	3.508	-0.0332	4.963	-0.0486
0.194	0.352	0.0037	0.978	-0.0093	1.938	0.0265	1.595	0.0187	2.065	0.0269	2.681	0.0405	3.903	0.0558	3.417	0.0307	4.963	0.0303	4.963	-0.051
0.195	0.423	0.0035	0.873	-0.009	1.63	0.0133	1.466	0.0245	2.465	0.0211	2.409	0.0211	3.199	0.051	4.035	0.0568	3.772	0.0301	4.963	-0.0307
0.196	0.529	0.0109	0.774	-0.009	1.661	0.0154	1.528	0.0124	2.884	0.0278	3.648	0.0306	4.206	0.0265	4.93	0.0446	3.774	0.0704	4.103	-0.0486
0.197	0.601	0.0049	0.695	-0.0054	1.49	0.0151	1.784	0.0287	3.078	0.0098	3.717	-0.0051	3.869	0.0356	4.568	-0.0386	4.963	0.0698	3.779	-0.0205
0.198	0.57	-0.0036	0.695	0.0034	1.328	0.0151	2.142	0.0242	2.903	0.0226	3.409	0.0362	4.132	0.0407	4.963	0.0248	3.914	0.0245	4.963	-0.051
0.199	0.518	0.0045	0.604	0.0133	1.773	0.0201	2.441	0.0203	2.845	0.0224	3.077	0.0303	3.104	0.0306	3.849	-0.0387	4.963	0.0386	4.499	-0.0304
0.20	0.468	-0.0042	0.982	0.0182	1.127	0.0157	2.453	0.0208	2.453	0.0247	2.75	0.0208	3.257	0.0307	3.76	-0.0389	4.963	0.0518	4.519	-0.0304
0.201	0.415	-0.0042	0.942	0.0142	1.152	0.0104	1.483	0.0157	2.236	0.0241	2.442	0.0241	2.632	0.0203	3.006	0.0187	4.046	0.0468	4.963	0.0599
0.202	0.389	0.0039	1.174	0.0201	1.462	0.0239	2.003	0.0203	2.815	0.0203	2.815	0.0203	3.005	0.0203	3.005	0.0203	3.005	0.0203	4.963	-0.0301
0.203	0.335	-0.0021	1.069	-0.0084	1.774	0.0272	1.8	0.0199	1.83	0.0207	2.316	0.018	3.383	0.0505	3.518	0.0335	4.963	0.0483	4.963	-0.0483
0.204	0.352	0.0024	0.968	-0.009	1.934	0.0268	1.597	-0.0181	2.048	0.0269	2.673	0.0402	3.977	0.0588	3.429	0.0304	4.963	0.0501	4.963	-0.0487
0.205	0.428	0.0031	0.865	-0.009	1.81	0.0231	1.464	0.0208	2.443	0.0214	2.39	0.0164	3.372	0.0514	3.772	0.0272	4.963	0.0401	4.407	-0.0487
0.206	0.353	0.0021	1.122	0.0198	1.798	0.0209	1.591	0.0151	2.277	0.0207	2.34	0.0162	3.374	0.0503	3.444	0.0308	4.963	0.0483	4.416	-0.0483
0.207	0.612	0.0052	0.689	-0.0057	1.491	0.0154	1.776	0.0281	3.081	0.01	3.711	-0.0048	3.895	0.0365	4.555	0.0305	3.792	0.0205	4.963	-0.0486
0.208	0.581	-0.0036	0.691	0.004	1.328	0.0151	2.133	0.0215	2.905	0.0223	3.405	0.0365	4.117	0.0407	4.963	0.0245	3.914	0.0248	4.963	-0.051
0.209	0.529	0.0021	1.242	0.019	1.79	0.0203	1.518	0.0203	2.237	0.0232	2.323	0.0224	3.073	0.0303	3.637	0.0303	3.493	0.0301	4.963	-0.0481
0.210	0.475	-0.0045	0.864	0.0188	1.129	0.0151	2.447	0.0207	2.363	0.0247	2.748	0.0302	3.276	0.0302	3.876	-0.0389	4.963	0.0518	4.519	-0.0301
0.211	0.425	-0.0042	0.864	0.0145	1.227	0.0151	2.236	0.0203	2.198	0.0213	2.444	0.0205	2.639	0.0205	3.006	0.0193	4.415	0.0465	4.963	-0.0508
0.212	0.387	0.0047	1.179	-0.0061	1.469	0.0207	2.181	0.0219	2.319	0.0207	2.239	0.0215	3.017	0.0207	3.649	0.0307	3.493	0.0301	4.963	-0.0487
0.213	0.341	-0.0018	0.981	0.0203	1.774	0.0272	1.707	-0.0199	1.838	0.0024	2.31	0.018	3.358	0.0508	3.503	0.0338	4.963	0.0489	4.963	-0.0489
0.214	0.353	0.0037	0.977	-0.009	1.934	0.0263	1.593	-0.0187	2.052	0.0266	2.668	0.0402	3.969	0.0588	4.156	0.0207	4.963	0.0301	4.963	-0.051
0.2																				

0.367	0.611	0.0052	0.699	-0.0086	1.631	-0.0154	1.726	0.0263	3.084	0.0197	3.735	0.0234	4.045	0.0341	4.61	0.038	4.963	0.0375	3.788	-0.0181
0.368	0.579	-0.0036	0.688	0.0022	1.365	-0.0148	2.079	0.0364	2.983	-0.0181	3.463	-0.0237	3.654	-0.0362	4.174	-0.0407	4.963	0.0342	3.94	0.0272
0.369	0.572	-0.0039	0.779	0.0124	1.21	-0.0142	2.406	0.0296	2.709	-0.0144	3.152	-0.0302	3.27	-0.0359	3.741	-0.0407	4.963	0.0342	4.57	0.0265
0.370	0.474	-0.0032	0.655	0.0102	1.223	-0.0121	2.473	0.0201	2.423	-0.0137	2.305	-0.0230	2.033	-0.0320	3.358	-0.0405	4.963	0.0342	3.98	0.0281
0.371	0.423	-0.0045	1.139	0.0167	1.19	0.0112	2.27	0.019	2.174	0.0244	2.499	-0.0239	2.658	-0.0157	3.015	-0.0228	4.48	0.0465	4.963	0.0359
0.372	0.375	-0.0042	1.196	0.0003	1.407	-0.0242	2.052	-0.0199	1.931	-0.0211	2.257	-0.0166	2.738	0.0175	3.039	-0.0153	3.998	0.0469	4.963	0.0369
0.373	0.34	-0.0018	1.1	-0.0081	1.699	-0.0044	1.84	-0.0196	1.609	-0.0046	2.284	-0.0166	3.145	0.0163	3.445	-0.0145	3.562	-0.0158	4.963	0.0349
0.374	0.353	0.0024	0.995	0.0003	1.517	0.0157	1.507	0.0109	1.658	0.0209	2.19	0.0198	3.244	0.0198	3.495	0.0163	3.403	0.0203	4.963	0.0351
0.375	0.422	0.0088	0.892	-0.009	1.884	0.0105	1.475	-0.0102	2.322	0.0378	3.103	0.0508	4.272	0.0432	4.723	0.0547	3.68	0.0378	4.963	0.0357
0.376	0.422	0.0106	0.795	0.0006	1.539	0.0154	1.734	0.0088	2.587	0.0142	3.738	0.0201	4.414	0.0411	4.386	0.0507	4.075	0.0375	3.788	0.0271
0.377	0.401	0.0052	0.756	0.0006	1.539	0.0154	1.734	0.0088	2.587	0.0142	3.738	0.0201	4.414	0.0411	4.386	0.0507	4.075	0.0375	3.788	0.0271
0.378	0.571	-0.0038	0.688	0.0015	1.374	-0.0151	2.083	0.0354	2.979	-0.0181	3.467	-0.0237	3.65	-0.0359	4.183	-0.0407	4.963	0.0351	3.924	0.0281
0.379	0.519	-0.0042	0.688	0.0015	1.374	-0.0151	2.083	0.0354	2.979	-0.0181	3.467	-0.0237	3.65	-0.0359	4.183	-0.0407	4.963	0.0351	3.924	0.0281
0.380	0.446	0.0045	0.847	0.0175	1.527	0.0148	2.473	0.0201	2.424	0.0185	2.805	0.0201	3.266	0.0201	3.335	0.0205	4.963	0.0369	4.57	0.0274
0.381	0.419	-0.0045	1.126	0.0167	1.187	0.009	2.274	0.0193	2.17	0.0244	2.493	-0.0239	2.65	0.0161	3.041	0.0206	4.491	0.0462	4.963	0.0369
0.382	0.369	-0.0042	1.184	0.0003	1.4	0.0242	2.058	-0.019	1.927	-0.0214	2.258	-0.0169	2.718	0.0167	3.045	0.0217	4.01	0.0469	4.963	0.0359
0.383	0.336	-0.0015	1.088	-0.0081	1.691	0.0281	1.836	-0.0199	1.815	-0.0211	2.279	0.0198	3.124	0.0459	3.448	0.0475	3.576	0.0463	4.963	0.0349
0.384	0.323	0.0021	0.985	-0.0003	1.714	0.0154	1.514	0.018	1.511	0.0201	2.058	0.0201	3.173	0.0202	3.405	0.0207	3.447	0.0462	4.963	0.0351
0.385	0.428	0.0094	0.883	-0.009	1.885	0.0206	1.475	-0.0108	2.305	0.0381	3.092	0.0508	4.267	0.0451	4.714	0.0547	3.682	0.0497	4.963	0.0359
0.386	0.536	0.0112	0.762	-0.0084	1.711	0.0151	1.498	0.0205	2.745	0.0426	3.582	0.0411	4.398	0.0212	4.608	0.0067	4.091	0.0401	4.963	0.0347
0.387	0.422	0.0088	0.892	-0.009	1.884	0.0105	1.475	-0.0102	2.322	0.0378	3.103	0.0508	4.272	0.0432	4.723	0.0547	3.68	0.0378	4.963	0.0357
0.388	0.582	-0.0038	0.681	0.019	1.375	-0.0151	2.075	0.0351	2.991	-0.0186	3.463	-0.0237	3.67	-0.0359	4.172	-0.0407	4.963	0.0345	3.94	0.0278
0.389	0.53	-0.0042	0.775	0.0121	1.22	-0.0142	2.401	0.0266	2.716	-0.0141	3.131	-0.0302	3.287	-0.0359	3.759	-0.0407	4.963	0.0363	4.51	0.0274
0.390	0.471	-0.0048	0.949	0.0185	1.129	0.0147	1.19	0.018	1.209	0.0246	2.446	0.0247	2.805	0.0344	3.298	0.0456	4.963	0.0362	4.51	0.0273
0.391	0.426	0.0042	0.847	0.0175	1.134	0.0151	1.19	0.018	1.209	0.0246	2.446	0.0247	2.805	0.0344	3.298	0.0456	4.963	0.0362	4.51	0.0273
0.392	0.376	-0.0042	1.193	0.0102	1.401	0.0239	2.05	-0.0196	1.937	-0.0214	2.255	-0.0168	2.724	0.0157	3.031	0.0217	3.995	0.0459	4.963	0.0369
0.393	0.341	-0.0018	1.102	-0.0004	1.691	0.0281	1.831	-0.0199	1.821	-0.0214	2.276	-0.0168	2.724	0.0157	3.031	0.0217	3.995	0.0459	4.963	0.0369
0.394	0.323	0.0021	0.995	0.0003	1.714	0.0154	1.514	0.018	1.511	0.0201	2.059	0.0201	3.171	0.0202	3.409	0.0205	3.392	0.0203	4.963	0.0351
0.395	0.423	0.0088	0.892	-0.009	1.885	0.0206	1.475	-0.0108	2.307	0.0378	3.089	0.0508	4.262	0.0456	4.711	0.0558	3.683	0.0375	4.963	0.0359
0.396	0.526	0.0109	0.795	-0.0087	1.711	0.0148	1.496	0.0205	2.05	0.0426	2.95	0.0508	4.262	0.0456	4.711	0.0558	3.683	0.0375	4.963	0.0359
0.397	0.403	0.0042	0.842	0.0102	1.701	0.0069	1.645	0.0185	1.645	0.0201	2.059	0.0201	3.079	0.0202	3.408	0.0205	3.779	0.0203	4.963	0.0351
0.398	0.57	-0.0038	0.685	0.0102	1.375	-0.0151	2.075	0.0354	2.99	-0.0186	3.463	-0.0237	3.677	-0.0359	4.172	-0.0407	4.963	0.0345	3.95	0.0278
0.399	0.519	-0.0042	0.772	0.0115	1.219	-0.0148	2.403	0.0272	2.721	-0.0181	3.139	-0.0302	3.292	-0.0359	3.755	-0.0407	4.963	0.0353	4.529	0.0262
0.4																				

0.53	0.376	-0.0042	1.199	0.004	1.334	0.0312	2.088	-0.0196	2.001	-0.0232	2.285	-0.0202	2.483	0.0034	3.012	0.0082	4.083	0.0459	4.963	-0.0111
0.53	0.341	-0.0021	1.12	-0.0081	1.615	0.0215	1.661	-0.0193	1.834	-0.0195	2.27	0.0001	2.942	0.0354	3.374	0.0444	3.628	0.0417	4.963	-0.0492
0.54	0.351	0.0031	1.014	-0.0093	1.678	0.0215	1.661	-0.0193	1.834	-0.0195	2.531	0.0336	3.485	0.0661	3.397	0.0461	4.963	-0.051	4.963	-0.0307
0.55	0.421	0.0038	0.911	-0.009	1.523	0.0214	1.601	-0.0193	1.834	-0.0195	2.536	0.0336	3.512	0.0493	3.456	0.039	4.963	-0.0307	4.963	-0.0307
0.56	0.526	0.0106	0.811	-0.009	1.763	0.0148	1.452	0.0056	2.626	0.0432	3.524	0.0459	4.404	4.952	0.1039	4.176	3.590	0.0308	4.963	0.047
0.56	0.601	0.0056	0.718	-0.0075	1.593	0.0151	1.681	0.0239	2.999	0.0293	3.749	0.01	4.205	0.0308	4.579	0.039	4.963	0.047	4.963	-0.0154
0.57	0.57	-0.0036	0.682	-0.006	1.423	0.0154	2.011	0.0245	2.548	0.0348	3.524	0.0051	3.529	-0.0274	3.813	0.0356	4.427	-0.0344	4.963	0.0451
0.57	0.59	-0.0042	0.624	0.0103	1.504	0.0149	1.849	0.0303	2.786	0.0241	3.195	0.0303	4.035	0.0365	3.865	0.0305	4.963	0.0451	4.963	-0.0267
0.58	0.466	0.0042	0.912	0.0173	1.14	-0.009	2.488	0.0307	2.518	-0.0265	2.867	0.0302	3.05	0.0533	3.388	0.0398	4.963	0.0447	4.963	-0.082
0.58	0.466	-0.0042	0.912	0.0173	1.14	-0.009	2.488	0.0307	2.518	-0.0265	2.867	0.0302	3.05	0.0533	3.388	0.0398	4.963	0.0447	4.963	-0.082
0.58	0.471	-0.0042	0.913	0.0175	1.14	-0.009	2.482	0.0307	2.513	-0.0267	2.861	0.0302	3.071	0.0533	3.376	-0.0388	4.963	0.0453	4.963	0.0819
0.58	0.477	-0.0042	0.913	0.0175	1.14	-0.009	2.482	0.0307	2.513	-0.0267	2.861	0.0302	3.071	0.0533	3.376	-0.0388	4.963	0.0453	4.963	0.0819
0.59	0.571	-0.0045	1.106	0.0179	1.16	0.0179	1.616	0.0218	1.661	0.0127	2.518	0.0333	3.451	0.0556	3.39	0.051	4.963	0.0462	4.963	0.0532
0.59	0.572	-0.0045	1.106	0.0179	1.16	0.0179	1.616	0.0218	1.661	0.0127	2.518	0.0333	3.451	0.0556	3.39	0.051	4.963	0.0462	4.963	0.0532
0.59	0.573	-0.0018	1.11	-0.0081	1.608	0.0281	1.878	-0.0199	1.827	-0.0195	2.298	0.0055	2.918	0.0351	3.376	0.0435	3.642	0.0414	4.963	-0.0492
0.59	0.573	-0.0018	1.11	-0.0081	1.608	0.0281	1.878	-0.0199	1.827	-0.0195	2.298	0.0055	2.918	0.0351	3.376	0.0435	3.642	0.0414	4.963	-0.0492
0.59	0.577	0.0049	0.72	-0.0078	1.595	0.0151	1.665	0.0217	1.872	0.0239	2.998	0.0311	3.745	0.0109	4.236	0.0299	4.684	0.0174	4.963	0.0514
0.59	0.577	0.0049	0.72	-0.0078	1.595	0.0151	1.665	0.0217	1.872	0.0239	2.998	0.0311	3.745	0.0109	4.236	0.0299	4.684	0.0174	4.963	0.0514
0.59	0.581	0.0112	0.802	-0.009	1.764	0.0148	1.479	0.0249	2.612	0.0432	3.515	0.0459	4.409	0.0303	4.47	0.0365	3.605	0.0303	4.963	0.0489
0.59	0.581	0.0112	0.802	-0.009	1.764	0.0148	1.479	0.0249	2.612	0.0432	3.515	0.0459	4.409	0.0303	4.47	0.0365	3.605	0.0303	4.963	0.0489
0.59	0.587	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.587	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.591	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.597	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.601	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.605	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.611	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.615	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.621	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.625	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.631	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.635	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.641	0.0112	0.711	-0.0072	1.595	0.0154	1.674	0.0239	2.997	0.0336	3.741	0.01	4.23	0.0247	4.666	-0.0388	4.932	0.074	4.963	-0.0151
0.59	0.645	0.0112	0.711	-0.0072	1.595	0.0154	1.674</													

0.73	0.401	0.0052	0.734	-0.0081	1.641	-0.0151	1.633	0.0213	2.905	0.0369	3.74	0.0173	4.355	-0.0111	4.73	0.0341	4.801	0.0747	3.763	-0.013
0.73	0.572	-0.0036	0.682	-0.0021	1.473	-0.0151	1.951	0.0207	3.074	0.0365	3.585	-0.0256	3.979	0.0247	4.294	-0.0404	4.963	0.0535	3.972	0.033
0.79	0.52	-0.0042	0.733	0.0085	1.308	-0.0151	2.31	0.0229	2.875	-0.0229	3.251	-0.0302	3.591	0.0282	3.86	-0.0407	4.963	0.0533	4.602	0.0362
0.498	0.498	0.0042	0.739	0.0116	1.533	-0.0144	2.439	0.0201	2.5	-0.0247	2.201	-0.0303	3.238	0.0265	3.44	-0.0401	4.963	0.0531	4.603	0.0363
0.741	0.417	-0.0045	1.067	0.0185	1.132	0.016	2.353	0.0178	2.333	-0.0205	2.599	-0.0299	2.847	0.0232	3.078	0.0203	4.672	0.0462	4.963	0.0505
0.742	0.37	-0.0036	1.186	0.007	1.262	0.0173	2.13	0.0199	2.072	-0.0241	2.319	-0.0235	2.637	0.0114	3	0.0031	4.183	0.0465	4.963	0.0505
0.743	0.335	-0.011	1.128	-0.0078	1.519	0.0056	1.933	0.0196	1.858	-0.0196	2.258	-0.0200	2.258	0.0003	2.764	0.0218	4.693	0.0465	4.963	0.0495
0.744	0.351	0.004	1.023	0.0023	1.503	0.0039	1.7	0.0196	1.502	-0.0205	2.459	-0.0203	2.511	0.0003	3.111	0.0033	4.525	0.0465	4.963	0.0501
0.745	0.423	0.0088	0.92	-0.009	1.937	0.0081	1.514	0.0151	2.067	0.0281	2.915	0.0478	3.818	0.0599	4.574	0.0617	3.536	0.023	4.538	0.0457
0.746	0.532	0.012	0.82	-0.009	1.812	0.0142	1.464	0.0009	1.453	0.0142	2.029	0.0179	2.75	0.0171	4.273	0.0206	4.74	0.024	4.539	0.0456
0.747	0.411	0.0055	0.726	-0.0021	1.442	0.0151	1.942	0.0201	1.503	0.0179	2.75	0.0179	3.755	0.0171	4.521	0.0201	4.74	0.024	4.539	0.0453
0.748	0.583	-0.0036	0.676	-0.0018	1.471	-0.0154	1.942	0.0203	1.503	0.0176	3.081	-0.0256	4	0.0347	4.282	-0.0404	4.963	0.0532	3.983	0.0333
0.749	0.53	-0.0042	0.73	0.0088	1.308	0.0151	2.302	0.0229	2.875	-0.0229	3.253	-0.0302	3.619	0.0282	3.86	-0.0407	4.963	0.0533	4.612	0.0368
0.750	0.479	0.0042	1.094	0.0145	1.127	0.009	2.344	0.0175	2.351	0.0207	2.503	-0.0295	3.235	0.0202	3.816	0.0285	4.672	0.0465	4.963	0.0505
0.751	0.426	-0.0042	1.073	0.0185	1.134	0.0115	2.345	0.0178	2.349	-0.0247	2.598	-0.0299	2.868	0.0202	3.066	0.0298	4.656	0.0462	4.963	0.0495
0.752	0.379	-0.0042	1.195	0.0079	1.286	0.0173	2.123	0.0199	2.083	-0.0241	2.318	-0.0235	2.85	0.0121	2.983	0.0027	4.169	0.0462	4.963	0.0495
0.753	0.341	-0.0021	1.141	-0.0075	1.52	0.0209	1.871	0.0196	1.51	-0.0166	2.298	0.0003	2.768	0.0209	3.703	0.0393	4.963	0.0435	4.963	0.0495
0.754	0.323	0.0071	1.024	0.0037	1.503	0.0039	1.584	0.0196	1.503	0.0039	2.454	0.0201	3.088	0.0201	3.455	0.0193	4.533	0.0435	4.963	0.0495
0.755	0.42	0.0085	0.931	-0.0093	1.938	0.0058	1.51	0.0151	2.072	0.0278	2.909	0.0481	3.811	0.0599	4.565	0.0628	3.513	0.0227	4.531	0.0457
0.756	0.525	0.0106	0.83	-0.0087	1.813	0.0142	1.462	0.012	2.47	0.0211	3.434	0.049	4.317	0.0393	4.963	0.0586	4.027	0.027	4.538	0.0456
0.757	0.409	0.0045	0.734	-0.0081	1.442	0.0151	1.942	0.0201	1.503	0.0171	2.459	0.0171	3.75	0.0171	4.273	0.0206	4.74	0.024	4.538	0.0456
0.758	0.57	-0.0036	0.681	-0.0021	1.474	-0.0154	1.942	0.0203	1.503	0.0173	3.081	-0.0256	4.007	0.0347	4.3	-0.0388	4.963	0.0533	3.983	0.0333
0.759	0.519	-0.0042	0.728	0.0079	1.309	0.0151	2.302	0.0228	2.893	-0.0228	3.253	-0.0309	3.619	0.0289	3.863	0.0201	4.616	0.0369	4.963	0.0435
0.76	0.466	0.0045	0.874	0.0163	1.168	0.0151	2.296	0.0247	2.923	-0.0202	3.25	-0.0302	3.448	0.0262	3.235	0.0438	4.963	0.0535	4.612	0.0368
0.761	0.419	0.0042	1.094	0.0145	1.127	0.009	2.344	0.0175	2.351	0.0207	2.503	-0.0295	3.235	0.0202	3.816	0.0285	4.672	0.0465	4.963	0.0505
0.762	0.369	-0.0039	1.189	0.0079	1.255	0.017	2.131	0.0199	1.87	0.0241	2.24	0.0206	2.649	0.0202	3.296	0.0459	4.963	0.0435	4.963	0.0495
0.763	0.335	-0.0018	1.134	-0.0081	1.509	0.0269	1.915	0.0196	1.506	0.0196	2.459	0.0202	3.234	0.0206	3.726	0.0387	4.963	0.0435	4.963	0.0495
0.764	0.323	0.0071	1.023	0.0029	1.503	0.0029	1.5	0.0209	1.503	0.0029	2.454	0.0201	3.088	0.0201	3.421	0.0209	4.963	0.0435	4.963	0.0495
0.765	0.423	0.0091	0.925	-0.009	1.936	0.0067	1.515	0.0154	2.08	0.0275	2.905	0.0479	3.793	0.0599	4.566	0.062	3.524	0.0218	4.526	0.0456
0.766	0.51	0.0109	0.826	-0.009	1.816	0.0139	1.462	0.0006	2.457	0.0219	2.819	0.0496	3.405	0.0402	4.039	0.0456	4.963	0.0435	4.963	0.0495
0.767	0.411	0.0048	0.734	0.0173	1.441	0.0161	1.845	0.0211	1.503	0.0037	2.459	0.0201	3.776	0.0405	4.76	0.047	4.527	0.0456	4.963	0.0495
0.768	0.582	-0.0039	0.68	-0.0018	1.476	-0.0154	1.936	0.0203	1.503	0.0033	2.078	0.0285	3.078	0.0203	4.01	0.0247	4.963	0.0533	3.983	0.0333
0.769	0.523	0.0042	0.724	0.0079	1.319	0.0148	2.293	0.0223	2.905	0.0223	3.252	0.0302	3.634	0.0265	3.862	0.0201	4.619	0.0362	4.963	0.0435
0.77	0.478	0.0045	0																	

0.023	0.37	-0.0030	1.178	0.01	1.207	0.0133	2.168	-0.0196	2.152	-0.0241	2.369	-0.0259	2.491	-0.0229	2.987	0.0018	4.27	0.0465	4.963	-0.0187
0.023	0.36	-0.0018	1.146	-0.0072	1.438	0.0248	1.95	-0.0196	1.913	-0.0208	2.233	-0.0247	2.669	-0.0279	3.247	0.0048	3.796	0.0447	4.963	-0.0495
0.024	0.351	0.0037	1.042	-0.009	1.73	0.0281	1.756	-0.0196	1.816	-0.0221	2.402	-0.0242	2.999	-0.0298	3.814	0.0604	3.451	0.0253	4.963	-0.0516
0.025	0.423	0.0044	1.037	-0.009	1.207	0.0237	1.549	-0.0196	1.603	-0.0218	2.203	-0.0243	3.551	-0.0283	4.45	0.0355	3.479	0.0251	4.963	-0.0501
0.026	0.531	0.0112	0.838	-0.009	1.858	0.0204	1.459	-0.0196	2.332	-0.0287	3.362	-0.0505	4.157	-0.0532	4.914	0.0275	3.932	0.0322	4.963	-0.0447
0.027	0.611	0.0081	0.741	-0.0084	1.889	0.0148	1.584	-0.0175	2.774	-0.0243	3.712	-0.0248	4.421	-0.0118	4.78	-0.0284	4.847	0.0278	3.799	-0.0105
0.028	0.584	-0.0046	0.678	-0.0033	1.517	0.0151	1.567	-0.0175	2.774	-0.0243	3.639	-0.0216	4.168	-0.0223	4.48	-0.0261	4.963	0.0267	4.963	0.0254
0.029	0.513	0.0042	0.712	-0.0067	1.503	0.0151	1.545	-0.0175	2.347	-0.0237	3.305	-0.0298	3.775	-0.0223	3.755	-0.0262	4.48	0.0271	4.963	0.0271
0.030	0.48	-0.0042	0.849	0.0157	1.201	0.0133	2.471	-0.0145	2.699	-0.0241	2.974	-0.0295	3.388	-0.0259	3.484	-0.0298	4.963	0.0213	4.963	0.0213
0.031	0.428	-0.0042	1.039	0.0191	1.127	-0.0043	2.383	-0.0163	2.451	-0.0205	2.651	-0.0253	3.103	-0.0233	4.746	-0.0247	4.963	0.0469	4.963	-0.0243
0.032	0.379	0.0042	1.158	0.0109	1.21	0.0233	1.943	-0.0196	2.347	-0.0244	2.337	-0.0230	3.253	-0.0231	4.256	-0.0243	4.963	0.0293	4.963	-0.0243
0.033	0.342	-0.0021	1.16	-0.0072	1.439	0.0248	1.944	-0.0196	1.927	-0.0224	2.227	-0.0245	2.678	-0.0207	3.232	-0.0251	3.784	-0.0263	4.963	-0.0495
0.034	0.352	0.0031	1.053	-0.0087	1.73	0.0281	1.732	-0.0196	1.985	-0.0221	2.402	-0.0242	2.998	-0.0239	3.802	-0.0607	3.436	0.0253	4.963	-0.0516
0.035	0.42	0.0045	0.902	-0.0003	1.360	0.0237	1.557	-0.0196	1.946	-0.0246	2.335	-0.0242	3.405	-0.0277	4.465	-0.0267	4.963	0.0243	4.963	-0.0243
0.036	0.524	0.0106	0.849	-0.009	1.859	0.0121	1.456	-0.0204	2.334	-0.0284	3.349	-0.0508	4.15	-0.0535	4.915	-0.0287	3.912	0.0305	4.963	-0.0444
0.037	0.601	0.0055	0.751	-0.0087	1.689	0.0151	1.58	-0.0179	2.774	-0.0243	3.714	-0.0254	4.421	-0.0127	4.8	-0.0272	4.833	0.0731	3.77	-0.0102
0.038	0.572	-0.0036	0.685	-0.0039	1.519	0.0154	1.874	0.0154	2.054	-0.0218	3.714	-0.0191	3.647	-0.0223	4.421	-0.0272	4.963	0.0271	4.963	-0.0271
0.039	0.523	0.0029	0.712	-0.0064	1.503	0.0151	1.533	-0.0151	2.347	-0.0237	3.311	-0.0291	3.731	-0.0231	4.256	-0.0263	4.963	0.0207	4.963	-0.0207
0.040	0.467	-0.0042	0.844	0.0151	1.201	-0.0136	2.471	-0.0151	2.702	-0.0244	2.982	-0.0232	3.393	-0.0251	4.48	-0.0261	4.963	0.0218	4.963	-0.0218
0.041	0.417	-0.0042	1.03	0.0188	1.121	0.0236	2.391	-0.0116	2.42	-0.0247	2.658	-0.0229	3.021	-0.0253	3.121	-0.0268	4.963	0.0249	4.963	0.0249
0.042	0.447	0.0042	1.22	-0.0079	1.179	0.0109	1.509	-0.0171	2.347	-0.0244	2.361	-0.0230	3.208	-0.0223	4.256	-0.0242	4.963	0.0271	4.963	-0.0271
0.043	0.398	-0.0021	1.153	0.0089	1.425	0.0248	1.951	-0.0196	1.928	-0.0228	2.228	-0.0248	2.673	-0.0248	3.239	-0.0345	3.805	-0.0263	4.963	-0.0448
0.044	0.349	0.0037	1.048	-0.0087	1.719	0.0234	1.742	-0.0196	1.82	-0.0203	2.364	-0.0242	2.983	-0.0281	3.803	-0.0602	3.451	0.0259	4.963	-0.051
0.045	0.423	0.0051	0.946	-0.0003	1.521	0.0236	1.542	-0.0169	1.865	-0.0209	2.374	-0.0273	3.344	-0.0514	4.054	-0.0267	3.473	0.0249	4.963	-0.0447
0.046	0.379	0.0012	1.144	0.009	1.592	0.0235	1.545	-0.0203	2.32	-0.0273	3.23	-0.0273	3.405	-0.0267	3.417	-0.0267	4.963	0.0209	4.963	-0.0209
0.047	0.611	0.0058	0.746	-0.0087	1.691	0.0151	1.577	0.0173	2.043	-0.0237	3.714	-0.0257	4.415	-0.0138	4.798	-0.0272	3.768	-0.0102	4.963	-0.0271
0.048	0.583	-0.0036	0.683	-0.0036	1.522	0.0154	1.874	0.0151	2.058	-0.0218	3.653	-0.0514	4.075	-0.0259	3.436	0.0263	4.963	0.0306	4.963	-0.0263
0.049	0.531	0.0024	1.202	-0.0064	1.704	0.0064	1.507	-0.0151	2.347	-0.0237	3.297	-0.0279	3.734	-0.0203	3.277	-0.0271	4.963	0.0271	4.963	-0.0271
0.050	0.479	0.0042	0.848	0.0154	1.203	-0.0045	2.475	-0.0157	2.702	-0.0241	2.99	-0.0232	3.397	-0.0265	3.501	-0.0249	4.963	0.0281	4.963	-0.0281
0.051	0.427	-0.0045	1.034	0.0189	1.124	0.0236	2.391	-0.0145	2.42	-0.0247	2.664	-0.0232	3.022	-0.0251	3.119	-0.0269	4.963	0.0249	4.963	-0.0249
0.052	0.379	0.0049	1.049	-0.0039	1.19	0.0172	1.503	-0.0161	2.151	-0.0217	2.311	-0.0273	3.209	-0.0277	3.477	-0.0268	4.963	0.0271	4.963	-0.0271
0.053	0.341	-0.0021	1.157	0.0074	1.429	0.0245	1.954	-0.0196	1.928	-0.0221	2.325	-0.0251	3.235	-0.0251	3.222	-0.0268	4.963	0.0249	4.963	-0.0249
0.054	0.352	0.0037	1.053	-0.0087	1.723	0.0234	1.742	-0.0196	1.817	-0.0206	2.369	-0.0236	3.271	-0.0257	3.771	-0.0261	4.963	0.0259	4.963	-0.025

1.07	0.611	0.0081	0.757	-0.0084	1.74	-0.0148	1.543	0.0145	2.838	0.0432	3.679	0.0311	4.372	0.0318	4.858	0.0202	4.913	0.0707	3.775	-0.0081		
1.08	0.584	-0.0033	0.685	-0.0048	1.569	-0.0154	1.818	0.0299	3.011	0.029	3.685	-0.0114	4.328	0.0194	4.401	-0.0401	4.963	0.0668	4.041	0.081		
1.09	0.533	-0.0045	0.698	0.0049	1.4	0.0151	0.351	0.0298	3.048	-0.009	3.368	-0.0293	3.937	-0.035	4.364	0.0467	4.963	0.0518	4.705	0.0713		
1.1	0.483	-0.0042	0.617	-0.0045	1.443	-0.0145	2.433	0.0197	2.732	-0.0111	3.201	-0.0303	3.548	-0.042	4.364	0.0404	4.963	0.0493	4.833	0.0581		
1.11	0.428	-0.0045	1.004	0.0168	1.134	-0.0096	2.421	0.0117	2.513	-0.0247	2.703	-0.0299	3.167	0.0382	4.348	-0.0347	4.938	0.0462	4.963	0.0435		
1.12	0.38	-0.0039	1.169	0.0133	1.173	0.0095	2.203	-0.0193	2.247	-0.0244	2.401	-0.0274	2.815	0.0314	2.97	-0.0072	4.347	0.0465	4.963	0.0323		
1.13	0.342	-0.0042	1.179	-0.0042	1.367	0.0124	1.962	-0.0199	2.029	-0.0209	2.249	-0.0261	2.647	0.0324	2.901	-0.0065	3.867	0.0466	4.963	0.0301		
1.14	0.351	-0.0034	1.071	-0.0031	1.453	0.0184	1.769	0.0193	1.832	0.0096	2.348	0.0196	2.714	0.0154	3.093	0.0311	3.744	0.0301	4.963	0.0301		
1.15	0.419	0.0085	0.97	-0.0093	1.698	0.0194	1.569	-0.0178	1.904	0.0159	2.733	0.0432	3.307	0.052	4.365	0.0659	4.963	0.0507	4.469	0.0507		
1.16	0.521	0.0109	0.866	-0.0048	1.571	-0.0154	1.811	0.0299	3.002	0.0293	3.698	-0.0102	4.331	0.0169	4.419	-0.0395	4.963	0.0688	4.031	0.081		
1.17	0.599	0.0095	0.768	-0.0037	1.141	0.0149	1.443	0.0193	1.543	0.0142	2.642	0.0176	3.076	0.0201	3.808	0.037	4.365	0.0603	4.963	0.0301		
1.18	0.673	-0.0033	0.691	-0.0051	1.571	-0.0154	1.816	0.0303	3.01	0.0293	3.689	-0.0108	4.334	0.0172	4.422	0.0395	4.963	0.0584	4.705	0.0713		
1.19	0.52	-0.0045	0.699	0.0046	1.401	0.0148	1.404	0.0354	3.051	0.0201	3.665	-0.0296	3.937	0.035	4.364	0.0401	4.963	0.0206	4.703	0.0716		
1.20	0.448	-0.0042	0.614	0.0114	1.342	0.0145	1.423	0.0345	2.405	0.0202	2.709	0.0268	3.035	0.0365	3.866	0.0404	4.364	0.0406	4.963	0.0381		
1.21	0.417	-0.0045	0.995	0.0185	1.132	0.0172	2.426	0.0172	2.518	0.0247	2.709	-0.0302	3.173	0.0356	3.966	0.0432	4.364	0.0465	4.963	0.0345		
1.22	0.37	-0.0038	1.162	0.0138	1.164	0.0092	1.692	0.0192	2.21	0.021	2.51	-0.0244	2.406	-0.0278	2.818	0.0314	2.983	-0.0075	4.372	0.0465	4.963	0.0328
1.23	0.334	-0.0021	1.172	-0.0042	1.355	0.0121	1.965	0.0193	1.995	0.0221	2.212	-0.0247	2.412	-0.0278	2.819	0.0314	3.077	0.0448	4.371	0.0465	4.963	0.0323
1.24	0.351	-0.0021	1.071	-0.0037	1.421	0.0171	1.942	0.0224	1.964	0.0202	2.202	-0.0202	2.238	-0.0203	2.639	0.0309	3.009	0.0456	4.371	0.0465	4.963	0.0321
1.25	0.417	-0.0045	0.995	0.0185	1.132	0.0172	2.426	0.0172	2.518	0.0247	2.709	-0.0302	3.173	0.0356	3.966	0.0432	4.364	0.0465	4.963	0.0345		
1.26	0.447	-0.0021	1.172	-0.0037	1.355	0.0121	1.965	0.0193	1.995	0.0221	2.212	-0.0247	2.412	-0.0278	2.818	0.0314	3.077	0.0448	4.371	0.0465	4.963	0.0323
1.27	0.419	0.0085	0.963	-0.009	1.89	0.0197	1.574	0.0181	1.898	0.0158	2.251	0.0209	2.703	0.0206	3.034	0.0356	3.291	0.0514	4.389	0.0591	4.463	0.0504
1.28	0.419	0.0085	0.861	-0.009	1.91	0.0194	1.458	0.0054	1.569	0.0152	2.241	0.0209	2.703	0.0206	3.034	0.0356	3.291	0.0514	4.389	0.0591	4.463	0.0504
1.29	0.527	-0.0033	0.691	-0.0051	1.581	-0.0154	1.816	0.0303	3.01	0.0293	3.689	-0.0108	4.334	0.0172	4.422	0.0395	4.963	0.0584	4.705	0.0713		
1.30	0.531	0.0081	0.699	0.0046	1.401	0.0151	1.404	0.0354	3.051	0.0201	3.665	-0.0296	3.937	0.035	4.364	0.0401	4.963	0.0206	4.703	0.0716		
1.31	0.447	-0.0021	1.172	-0.0037	1.355	0.0121	1.965	0.0193	1.995	0.0221	2.212	-0.0247	2.412	-0.0278	2.818	0.0314	3.077	0.0448	4.371	0.0465	4.963	0.0323
1.32	0.447	-0.0021	1.172	-0.0037	1.355	0.0121	1.965	0.0193	1.995	0.0221	2.212	-0.0247	2.412	-0.0278	2.818	0.0314	3.077	0.0448	4.371	0.0465	4.963	0.0323
1.33	0.447	-0.0021	1.172	-0.0037	1.355	0.0121	1.965	0.0193	1.995	0.0221	2.212	-0.0247	2.412	-0.0278	2.818	0.0314	3.077	0.0448	4.371	0.0465	4.963	0.0323
1.34	0.447	-0.0021	1.172	-0.0037	1.355	0.0121	1.965	0.0193	1.995	0.0221	2.212	-0.0247	2.412	-0.0278	2.818	0.0314	3.077	0.0448	4.371	0.0465	4.963	0.0323
1.35	0.447	-0.0021	1.172	-0.0037	1.355	0.0121	1.965	0.0193	1.995	0.0221	2.212	-0.0247	2.412	-0.0278	2.818	0.0314	3.077	0.0448	4.371	0.0465	4.963	0.0323
1.36	0.447	-0.0021	1.172	-0.0037	1.355	0.0121	1.965	0.0193	1.995	0.0221	2.212	-0.0247	2.412	-0.0278	2.818	0.0314	3.077	0.0448	4.371	0.0465	4.963	0.0323
1.37	0.447	-0.0021	1.172	-0.0037	1.355	0.0121	1.965	0.0193	1.995	0.0221	2.212	-0.0247	2.412	-0.0278	2.818	0.0314	3.077	0.0448	4.371	0.0465	4.963	0.0323
1.38	0.447	-0.0021	1.172	-0.0037	1.355	0.0121	1.965	0.0193	1.995	0.0221	2.212	-0.0247	2.412	-0.0278	2.818	0.0314	3.077					

1.20	0.381	-0.030	1.147	0.0151	1.146	0.0046	2.34	-0.019	2.336	0.0344	2.447	-0.0287	2.948	0.0347	2.974	0.0131	4.44	0.0465	4.93	-0.0274
1.20	0.342	-0.021	1.19	0.006	1.302	0.0194	2.019	-0.019	2.067	0.0241	2.239	-0.0136	2.676	0.0193	3.105	0.0248	3.959	0.0459	4.93	-0.051
1.204	0.351	-0.021	1.089	-0.0087	1.574	0.0278	2.806	-0.019	1.858	0.0154	2.304	0.0151	2.709	0.0133	3.623	0.0553	3.533	0.0359	4.93	-0.051
1.205	0.418	-0.025	0.988	-0.003	1.340	0.0234	2.079	-0.019	1.581	0.0164	2.607	0.0303	3.033	0.0265	3.425	0.0402	4.743	0.0307	4.93	-0.050
1.206	0.52	0.0106	0.863	-0.009	1.934	0.0115	1.464	-0.0081	2.007	0.0293	3.171	0.0014	3.665	0.0592	4.86	0.0429	3.705	0.0405	3.955	0.0423
1.207	0.598	0.0081	0.784	-0.0087	1.786	0.0148	1.513	0.0109	2.502	0.0417	3.63	0.0389	4.231	0.0484	4.897	-0.0168	4.355	0.0383	3.77	-0.0051
1.208	0.573	-0.008	0.7	-0.006	1.615	0.0151	1.763	0.0281	2.622	0.036	3.718	0.0014	4.416	0.0504	4.463	0.0309	4.93	0.0462	4.95	-0.0402
1.209	0.521	-0.006	0.693	0.024	1.445	0.0121	1.193	0.0054	2.054	0.0052	3.452	0.0203	4.104	0.0404	4.466	0.0407	4.93	0.0315	4.93	-0.0278
1.3	0.468	-0.0042	0.785	0.0124	1.284	0.0148	2.426	0.0245	2.872	0.0226	3.089	0.0356	3.711	0.0322	3.619	0.0407	4.93	0.0314	4.93	-0.0295
1.301	0.419	-0.0039	0.961	0.0182	1.15	0.0015	2.461	-0.0045	2.761	-0.0205	2.761	-0.0365	3.326	0.0365	3.214	-0.0374	4.954	0.0456	4.93	0.0393
1.302	0.371	-0.0039	1.133	0.0116	1.133	0.024	2.345	0.0201	2.345	0.0201	2.486	0.0321	3.493	0.0321	4.491	0.0448	4.93	0.0323	4.93	-0.0291
1.303	0.336	-0.0018	1.184	-0.0009	1.289	0.0191	2.031	-0.0020	2.072	0.0244	2.243	-0.0139	2.676	0.0199	3.131	0.0248	3.978	0.0459	4.93	-0.051
1.304	0.346	0.0034	1.083	-0.0084	1.561	0.0278	1.813	-0.019	1.859	0.0154	2.301	0.0145	2.699	0.0214	3.627	0.0547	3.552	0.0368	4.93	-0.042
1.305	0.419	-0.0038	0.981	0.0051	1.343	0.0243	1.807	0.0119	1.849	0.0161	2.651	0.0303	3.008	0.0342	4.207	0.0465	3.415	0.0318	4.93	-0.0307
1.306	0.525	0.0109	0.876	-0.009	1.933	0.0222	1.498	-0.0087	2.084	0.0209	3.164	0.0514	3.647	0.0592	4.849	0.0423	3.714	0.0396	3.954	0.042
1.307	0.608	0.0084	0.779	-0.009	1.788	0.0148	1.513	0.0103	2.493	0.042	3.83	0.0378	4.218	0.0449	4.896	-0.0158	4.359	0.038	3.77	-0.0051
1.308	0.584	-0.0036	0.697	-0.006	1.618	0.0148	1.757	0.0278	2.915	0.0366	3.727	0.0207	4.409	0.0449	4.462	-0.0395	4.93	0.0383	4.95	-0.0438
1.309	0.533	-0.0042	0.688	0.0204	1.443	0.0121	1.193	0.0054	2.073	0.0208	3.432	0.0305	4.208	0.0404	4.493	0.0313	4.93	0.0323	4.93	-0.0293
1.310	0.48	-0.0045	0.791	0.0127	1.286	0.0248	2.425	0.0248	2.871	0.0229	3.097	0.0305	3.712	0.0365	3.619	0.0407	4.93	0.0314	4.93	-0.0298
1.311	0.429	-0.0042	0.965	0.0182	1.153	0.0205	2.461	-0.0057	2.598	0.0241	2.771	-0.0302	3.33	0.0359	3.213	0.0456	4.93	0.0393	4.93	-0.0274
1.312	0.381	-0.0042	1.144	0.0107	1.144	0.0043	2.345	-0.019	2.345	0.0225	2.459	0.0305	3.245	0.0323	3.611	0.0405	4.493	0.0345	4.93	-0.0274
1.313	0.342	-0.0021	1.189	-0.0006	1.292	0.0191	2.032	-0.019	2.072	0.0241	2.236	-0.0142	2.676	0.0202	3.108	0.0371	3.619	0.0459	4.93	-0.051
1.314	0.35	0.0027	1.089	-0.0087	1.564	0.0278	1.815	-0.019	1.858	0.0142	2.692	0.0112	3.62	0.055	3.554	0.0371	4.93	0.0451	4.93	-0.0274
1.315	0.416	0.0085	0.965	-0.0001	1.64	0.0142	1.84	0.0208	1.842	0.0155	2.654	0.0305	3.056	0.0429	3.411	0.0509	3.959	0.0451	4.434	-0.0007
1.316	0.519	0.0063	0.933	0.0059	1.539	0.0207	1.809	0.0154	1.859	0.0154	2.694	0.0304	3.154	0.0501	3.553	0.0369	3.959	0.0452	4.434	-0.0042
1.317	0.607	0.0081	1.184	-0.009	1.289	0.0191	2.031	-0.020	2.072	0.0244	2.243	-0.0139	2.676	0.0199	3.131	0.0248	3.978	0.0459	4.93	-0.051
1.318	0.583	-0.0013	1.083	0.0063	1.62	0.0151	1.746	0.0208	1.842	0.024	2.622	0.0375	3.27	0.0214	4.422	0.0469	4.892	0.0372	4.93	-0.0408
1.319	0.525	-0.0042	1.202	0.0024	1.45	0.0151	1.807	0.0208	1.859	0.0207	2.655	0.0376	3.24	0.0201	4.422	0.0467	4.891	0.0375	4.93	-0.0373
1.320	0.479	-0.0042	0.787	0.0124	1.292	0.0241	2.421	0.0248	2.881	0.0229	3.087	0.0365	3.727	0.0365	3.618	0.0404	4.93	0.0302	4.93	-0.0298
1.321	0.471	-0.0045	0.971	0.0124	1.292	0.0241	2.421	0.0248	2.881	0.0229	3.087	0.0365	3.727	0.0365	3.618	0.0404	4.93	0.0302	4.93	-0.0298
1.322	0.471	-0.0042	1.137	0.0116	1.14	0.0016	2.345	-0.019	2.078	0.0241	2.236	-0.0142	2.676	0.0202	3.119	0.0371	3.619	0.0459	4.93	-0.051
1.323	0.338	-0.0021	1.184	-0.0003	1.288	0.0195	2.03	-0.019	2.078	0.0241	2.236	-0.0142	2.676	0.0202	3.119	0.0371	3.619	0.0459	4.93	-0.051
1.324	0.347	0.0037	1.086	-0.0084	1.551	0.0275	1.811	-0.019	1.863	0.0166	2.629	0.0142	3.611	0.0405	4.285	0.0365	3.552	0.0351	4.93	-0.0513
1.325	0.419	0.008	0.983	-0.009	1.632	0.02														

1.477	0.598	0.0084	0.803	-0.0087	1.833	-0.0136	1.491	0.0079	2.368	0.039	3.575	0.0436	4.015	0.0574	4.905	0.0034	4.219	0.065	3.778	-0.0024	
1.478	0.575	-0.0036	0.711	-0.0072	1.66	-0.0154	1.71	0.0205	2.808	0.0417	3.74	0.0406	4.393	0.0239	5.456	-0.0388	4.963	0.0743	4.1	0.0435	
1.479	0.524	-0.0039	0.683	0.0006	1.491	-0.0154	0.0354	0.373	0.0167	3.48	-0.0284	4.254	0.0274	4.108	-0.0407	4.963	0.0423	4.799	0.074	4.033	0.0796
1.480	0.493	-0.0035	0.791	-0.0059	1.25	-0.0151	2.302	0.0281	2.550	-0.0205	3.147	-0.0303	3.563	-0.0427	4.963	-0.0119	4.933	0.033	4.253	0.0796	
1.481	0.42	-0.0042	0.926	0.0175	1.178	-0.0134	2.481	0	2.682	-0.0247	2.822	-0.0302	3.474	-0.0365	3.269	-0.0388	4.963	0.0363	4.963	0.039	
1.482	0.371	-0.0042	1.114	0.0173	1.126	-0.0098	2.286	-0.019	2.412	-0.0247	2.504	-0.0299	3.095	-0.0353	2.997	-0.0175	4.954	0.0465	4.963	0.0317	
1.483	0.536	-0.0021	1.191	0.0024	1.236	0.0154	2.681	-0.0196	2.15	-0.0244	2.63	-0.0311	2.755	-0.0209	3.06	-0.0217	4.951	0.0469	4.963	0.0301	
1.484	0.341	-0.0024	1.104	0.0094	1.481	0.0183	1.493	0.0203	1.493	0.0202	2.273	0.0204	2.339	0.0195	3.045	0.0161	3.053	0.0161	4.933	0.0511	
1.485	0.417	0.0088	1	-0.0093	1.775	0.0272	1.842	-0.019	1.824	-0.0198	2.576	0.0263	3.083	0.015	2.877	0.015	4.195	0.0659	3.407	0.0504	
1.486	0.524	0.012	0.895	-0.009	1.936	-0.0114	1.48	-0.0211	1.986	-0.0227	3.073	0.0505	3.388	-0.0047	4.787	0.0227	3.628	0.0227	3.932	0.0407	
1.487	0.509	0.0104	0.798	-0.009	1.533	0.0171	2.303	-0.0207	2.38	-0.0281	3.573	0.0433	3.598	0.0171	4.251	0.0281	4.044	0.033	3.778	0.0403	
1.488	0.595	-0.0033	0.707	-0.0099	1.692	-0.0154	1.706	0.0254	2.799	0.0417	3.744	0.0409	4.382	0.0248	4.543	-0.0388	4.963	0.0435	4.1	0.074	
1.489	0.535	-0.0042	0.682	0.0006	1.493	0.0151	2.053	0.0351	3.069	0.0167	3.488	-0.0281	4.257	0.0262	4.106	-0.0407	4.963	0.0423	4.798	0.074	
1.490	0.443	0.0142	0.794	0.0172	1.52	0.0153	2.303	0.0207	2.507	0.0246	3.115	0.0202	3.48	-0.0407	4.963	0.0379	4.963	0.039			
1.491	0.429	-0.0045	0.931	0.0175	1.142	-0.0134	2.491	0.0003	2.682	-0.0241	2.828	-0.0302	3.477	-0.0362	3.206	-0.0388	4.963	0.0463	4.963	0.039	
1.492	0.381	-0.0039	1.12	0.0173	1.128	0.0008	2.287	-0.019	2.412	-0.0247	2.504	-0.0299	3.095	-0.0353	2.997	-0.0175	4.954	0.0465	4.963	0.0317	
1.493	0.342	-0.0024	1.195	0.0027	1.239	0.0154	2.098	-0.0196	2.15	-0.0241	2.269	-0.0175	2.756	0.0194	3.016	0.0194	4.686	0.0459	4.963	0.0301	
1.494	0.335	-0.0021	1.108	0.0094	1.483	0.0203	1.881	0.0199	1.879	0.0202	2.305	0.0205	2.729	0.0203	3.234	0.0204	4.251	0.034	3.598	0.0403	
1.495	0.414	0.0082	1.004	-0.009	1.777	0.0272	1.843	-0.019	1.822	-0.0218	2.865	0.0205	3.075	0.015	2.755	0.015	4.187	0.0652	3.402	0.0504	
1.496	0.518	0.0109	0.9	-0.009	1.94	0.0094	1.482	-0.0121	1.982	-0.022	3.074	0.0505	3.374	0.015	2.877	0.015	4.195	0.0449	3.619	0.0305	
1.497	0.509	0.0111	0.861	-0.009	1.441	0.0203	2.303	-0.0203	2.387	-0.0207	3.504	0.0403	3.388	0.0203	3.421	0.0204	3.778	0.0403	3.932	0.0403	
1.498	0.577	-0.0033	0.71	-0.0072	1.67	-0.0151	1.707	0.0254	2.799	0.042	3.735	0.0409	4.384	0.0257	4.544	-0.0388	4.963	0.0435	4.103	0.0438	
1.499	0.525	-0.0042	0.68	0.0003	1.499	0.0154	2.054	0.0351	3.068	0.0192	3.477	-0.0284	4.272	0.0247	4.108	-0.0404	4.963	0.0423	4.8	0.074	
1.500	0.473	0.0142	0.757	0.0009	1.324	0.0154	2.306	-0.0278	2.967	-0.0205	3.445	-0.0202	3.677	0.015	3.876	0.015	4.963	0.0379	4.963	0.039	
1.501	0.493	0.0145	0.715	0.0015	1.157	0.0153	2.053	0.0205	2.502	0.0201	3.531	0.0203	3.509	0.015	3.066	0.015	4.963	0.0351	4.963	0.037	
1.502	0.374	-0.0039	1.11	0.0175	1.129	0.0009	2.284	-0.019	2.421	-0.0205	2.502	-0.0293	3.112	-0.0188	2.962	-0.0181	4.554	0.0465	4.963	0.0317	
1.503	0.338	-0.0024	1.19	0.0027	1.236	0.0151	2.065	-0.0196	2.208	-0.0241	2.506	-0.0296	3.071	-0.0188	2.767	-0.0168	4.767	0.0462	4.963	0.0307	
1.504	0.341	0.0137	0.707	0.0024	1.05	0.0004	2.287	0.019	1.517	0.0205	2.304	0.0203	3.273	0.0151	3.523	0.0151	4.207	0.0347	3.501	0.0351	
1.505	0.417	0.0085	1	-0.0093	1.769	0.0272	1.836	-0.0193	1.822	-0.0201	2.564	0.0305	3.361	0.015	2.867	0.015	4.409	0.0409	3.399	0.0307	
1.506	0.524	0.0112	0.897	-0.0087	1.932	0.0204	1.483	0.0204	2.476	0.0218	2.601	0.0508	3.351	0.0121	3.361	0.0121	4.402	0.0408	3.938	0.0403	
1.507	0.407	0.0084	1.024	0.0009	1.863	0.0203	2.303	0.0207	2.43	0.0207	3.007	0.0208	3.423	0.0152	3.008	0.0152	4.199	0.0441	3.765	0.0301	
1.508	0.585	-0.0033	0.709	-0.0072	1.664	-0.0148	1.696	0.0254	2.762	0.0423	3.741	0.0508	4.552	0.0272	4.552	-0.0388	4.958	0.0438	4.111	0.0438	
1.509	0.532	-0.0042	0.681	0.0006	1.493	0.0154	2.043	0.0351	3.069	0.0185	3.49	-0.0284	4.284	0.0232	4.112	-0.0407	4.963	0.0435	4.811	0.0737	
1.510	0.481	0.0112	0.761	0.001																	

1.63	0.374	-0.030	1.081	0.0183	1.126	0.0042	2.322	0.0187	2.406	0.0344	2.551	-0.020	3.245	0.0356	3.017	-0.02	4.647	0.0465	4.963	-0.0365		
1.63	0.374	-0.024	1.191	0.0081	1.191	0.015	2.102	-0.0198	2.047	-0.0247	2.228	-0.0208	2.88	0.0338	3.044	0.0159	4.16	0.0462	4.963	-0.0564		
1.64	0.346	0.0031	1.121	-0.0081	1.41	0.0242	1.886	-0.0199	1.977	-0.0224	2.247	0.0049	2.645	0.0145	3.454	0.0478	3.998	0.0435	4.902	-0.051		
1.65	0.415	0.0205	1.010	-0.009	1.7	0.0291	1.593	0.0193	1.528	0.0204	2.500	0.0207	2.793	0.0465	3.045	0.0166	3.419	0.0466	4.793	-0.0504		
1.66	0.521	0.0115	0.913	-0.009	1.917	0.0151	1.407	0.0139	1.91	0.0154	2.983	0.0403	3.158	0.0472	4.724	0.0544	3.55	0.0248	3.912	-0.0393		
1.67	0.607	0.0084	0.815	-0.009	1.879	0.0108	0.0037	2.227	0.0351	3.498	0.0469	3.753	0.0595	4.958	0.0081	4.085	0.0202	3.782	0.0382	4.963	-0.0303	
1.68	0.588	-0.0033	0.72	0.007	1.706	0.0151	1.883	0.0203	0.023	0.0402	3.745	0.021	4.276	0.0465	4.607	0.035	4.733	0.0275	4.84	0.0469	4.963	-0.0469
1.69	0.538	-0.002	0.842	0.008	1.524	0.0151	1.99	0.0203	1.529	0.0206	3.538	0.0207	4.031	0.0464	4.603	0.0157	4.85	0.0203	4.03	0.0374	4.963	-0.0374
1.7	0.484	-0.0042	0.74	0.0097	1.37	0.0154	2.344	0.0315	3.032	-0.009	3.207	-0.0302	4.013	0.0341	3.738	-0.0407	4.963	-0.006	4.963	0.078	4.963	-0.0374
1.71	0.431	-0.0042	1.58	0.0081	1.58	0.0151	2.338	0.0304	2.548	0.0203	2.649	0.0204	3.245	0.0356	3.017	0.023	4.647	0.0467	4.963	0.0374		
1.72	0.344	-0.0024	1.195	0.0081	1.193	0.0118	2.106	-0.0198	2.229	-0.0247	2.203	-0.0211	2.88	0.0338	3.039	0.0153	4.161	0.0462	4.963	-0.0564		
1.73	0.344	-0.0024	1.195	0.0081	1.193	0.0118	2.106	-0.0198	2.229	-0.0247	2.203	-0.0211	2.88	0.0338	3.039	0.0153	4.161	0.0462	4.963	-0.0564		
1.74	0.344	-0.0024	1.195	0.0081	1.193	0.0118	2.106	-0.0198	2.229	-0.0247	2.203	-0.0211	2.88	0.0338	3.039	0.0153	4.161	0.0462	4.963	-0.0564		
1.75	0.598	0.0087	0.817	-0.009	1.888	0.0151	1.407	0.0139	1.477	0.0004	2.223	0.0351	3.404	0.0483	3.74	0.0595	4.958	0.0081	4.075	0.0203	3.785	0.0382
1.76	0.578	-0.0033	0.724	-0.007	1.717	0.0151	1.661	0.0227	2.68	0.0432	3.735	0.0121	4.272	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.77	0.598	0.0087	0.817	-0.009	1.888	0.0151	1.407	0.0139	1.477	0.0004	2.223	0.0351	3.404	0.0483	3.74	0.0595	4.958	0.0081	4.075	0.0203	3.785	0.0382
1.78	0.578	-0.0033	0.724	-0.007	1.717	0.0151	1.661	0.0227	2.68	0.0432	3.735	0.0121	4.272	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.79	0.473	-0.0042	0.734	0.0091	1.377	0.0154	2.343	0.0311	3.04	-0.0081	3.199	-0.0299	4.029	0.0341	3.736	-0.0404	4.963	0.0054	4.963	0.0777	4.963	-0.0374
1.80	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.81	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.82	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.83	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.84	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.85	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.86	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.87	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.88	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.89	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.90	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.91	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.92	0.423	-0.0042	0.888	0.0167	1.221	0.0139	2.211	0.0203	2.869	0.0341	3.043	0.0202	4.286	0.0465	4.606	0.033	4.733	0.0275	4.82	0.0463	4.963	-0.0303
1.93	0.423	-0.0042	0.888	0.0167	1.221																	

1.847	0.406	0.007	0.832	-0.009	1.92	-0.0039	1.463	0.0003	3.111	0.0209	3.423	0.0496	3.507	0.0568	4.946	0.0142	3.954	0.0544	3.788	0.0034
1.848	0.589	-0.0036	0.734	-0.0081	1.763	-0.0145	1.615	0.024	2.524	0.0423	3.736	0.0194	4.105	0.0544	4.673	-0.0388	4.683	0.0737	4.163	0.0484
1.849	0.537	-0.0042	0.68	-0.0024	1.584	-0.0154	1.928	0.033	2.935	0.0351	3.6	-0.025	4.399	0.0151	4.234	-0.0404	4.963	0.0599	4.894	0.0762
1.850	0.455	-0.0042	0.721	-0.0079	1.415	-0.0151	2.303	0.033	2.303	0.0351	3.266	-0.0232	4.174	0.0151	4.234	-0.0404	4.963	0.0599	4.894	0.0762
1.851	0.433	-0.0042	0.865	0.0196	1.295	-0.0146	2.437	0.0109	2.863	0.0232	2.934	0.0356	3.784	0.0256	3.382	-0.0398	4.963	0.0435	4.963	0.0527
1.852	0.384	-0.0042	0.191	0.0075	1.139	-0.0075	2.363	0.0175	2.579	-0.0244	2.612	-0.0296	3.398	-0.0359	3.043	-0.0298	4.963	-0.041	4.963	0.0435
1.853	0.344	-0.0024	1.97	0.0001	1.163	-0.0073	2.141	0.0175	2.141	-0.0247	2.3	-0.0258	3.025	-0.0359	3.043	-0.0298	4.963	-0.041	4.963	0.0435
1.854	0.341	-0.0024	1.144	-0.0075	1.147	-0.0149	1.592	0.0203	2.662	-0.0258	2.34	-0.0288	3.109	-0.0353	3.369	-0.0405	4.963	-0.0404	4.963	0.0504
1.855	0.41	0.0082	0.139	-0.0093	1.63	-0.0281	1.711	-0.0196	1.85	-0.0148	2.45	-0.0281	2.654	-0.0348	3.988	-0.0241	4.341	-0.0501	4.341	-0.0501
1.856	0.512	0.0103	0.354	-0.009	1.89	-0.0209	1.522	-0.0157	1.852	-0.0209	2.688	-0.0475	2.948	-0.0366	4.645	-0.0583	3.491	-0.0374	3.491	-0.0374
1.857	0.598	0.015	0.534	-0.009	1.231	-0.0203	1.465	-0.0157	1.465	-0.0209	3.421	-0.0405	3.494	-0.0344	3.544	-0.0444	3.371	-0.0304	3.371	-0.0304
1.858	0.578	-0.0033	0.739	-0.0084	1.761	-0.0145	1.619	0.02	2.517	0.0428	3.728	0.0191	4.294	-0.0547	4.676	-0.0385	4.671	0.0737	4.197	0.0484
1.859	0.527	-0.0042	0.678	0.0078	1.59	-0.0157	1.926	0.0327	2.933	0.0366	3.591	-0.0247	4.401	0.0167	4.237	-0.0404	4.963	0.0602	4.898	0.0765
1.860	0.414	-0.0042	1.42	-0.0071	1.422	-0.0151	2.437	0.0151	2.501	-0.0207	3.25	-0.0298	4.186	0.0144	3.741	-0.0401	4.963	0.0467	4.963	0.0527
1.861	0.425	-0.0042	0.865	0.0157	1.26	-0.0148	2.484	0.0109	2.861	-0.0232	2.628	-0.0356	3.798	-0.0401	4.963	0.0432	4.963	0.0527		
1.862	0.376	-0.0039	1.044	0.0188	1.143	-0.0081	2.361	0.0175	2.585	-0.0244	2.605	-0.0299	3.409	-0.0365	3.044	-0.0282	4.741	-0.0465	4.963	0.0435
1.863	0.34	-0.0024	1.18	0.0004	1.162	-0.0107	2.139	-0.0196	2.319	-0.0244	2.321	-0.0241	3.034	-0.0358	3.01	-0.0278	4.253	-0.0462	4.963	0.0435
1.864	0.345	0.0101	1.14	-0.0073	1.142	-0.0151	1.923	0.0203	2.509	-0.0241	2.238	-0.0309	3.713	-0.0401	3.779	-0.0403	4.293	-0.0501	4.293	-0.0501
1.865	0.414	0.0085	1.035	-0.009	1.622	-0.0281	1.708	-0.0196	1.853	-0.0154	2.436	-0.0281	2.651	-0.0363	3.437	-0.0244	4.352	-0.0507	4.352	-0.0507
1.866	0.518	0.0112	0.931	0.0209	1.518	-0.0157	1.854	-0.0196	2.384	-0.0209	2.654	-0.0358	3.444	-0.0281	3.001	-0.0271	4.253	-0.0462	4.963	0.0431
1.867	0.408	0.0082	1.037	0.0203	1.88	-0.0157	1.518	-0.0196	2.384	-0.0209	2.654	-0.0358	3.444	-0.0281	3.001	-0.0271	4.253	-0.0462	4.963	0.0431
1.868	0.587	-0.0033	0.736	-0.0081	1.754	-0.0145	1.606	0.02	2.508	0.0428	3.732	0.0197	4.298	-0.0558	4.683	0.0731	4.176	0.0484		
1.869	0.535	-0.0042	0.678	-0.003	1.584	-0.0154	1.917	0.0327	2.928	0.0366	3.604	-0.0244	4.404	0.0179	4.243	-0.0407	4.963	0.0505	4.895	0.0756
1.870	0.483	-0.0042	0.718	0.0076	1.416	-0.0151	2.281	0.0339	3.03	0.0244	2.801	-0.0202	4.216	0.0111	3.868	-0.0407	4.963	0.0676	4.898	0.0765
1.871	0.431	-0.0042	1.245	0.019	1.555	-0.0145	2.484	0.0205	2.939	-0.0229	2.659	-0.0358	3.409	-0.0281	4.683	0.0730	4.683	0.0730		
1.872	0.382	-0.0036	1.051	0.0191	1.138	-0.0081	2.368	0.0172	2.591	-0.0247	2.616	-0.0365	3.426	0.0365	3.048	-0.0289	4.963	-0.0414	4.963	0.0527
1.873	0.342	-0.0042	1.189	0.0151	1.57	-0.0157	2.142	0.0207	2.142	-0.0244	2.322	-0.0365	3.042	0.0353	3.073	-0.0273	4.264	-0.0462	4.963	0.0507
1.874	0.349	-0.0042	1.057	-0.0073	1.237	-0.0151	1.927	0.0203	2.509	-0.0241	2.238	-0.0309	3.056	-0.0358	3.056	-0.0281	4.264	-0.0462	4.963	0.0507
1.875	0.409	0.0079	1.045	-0.009	1.619	-0.0281	1.716	-0.0199	1.859	-0.0154	2.442	-0.0278	2.654	-0.0358	3.444	-0.0281	3.056	-0.0281	4.264	-0.0462
1.876	0.512	0.0112	0.931	0.0209	1.879	-0.0218	1.526	-0.0196	2.387	-0.0241	2.911	-0.0358	3.444	-0.0281	3.056	-0.0281	4.264	-0.0462	4.963	0.0507
1.877	0.409	0.0082	1.037	0.0203	1.881	-0.0207	1.507	-0.0196	2.387	-0.0241	2.657	-0.0358	3.444	-0.0281	3.056	-0.0281	4.264	-0.0462	4.963	0.0507
1.878	0.578	-0.0033	0.744	-0.0084	1.764	-0.0145	1.512	0.02	2.504	0.0417	3.734	0.02	4.674	-0.0553	4.993	-0.0382	4.658	-0.0487	4.962	-0.0507
1.879	0.526	-0.0045	0.682	-0.003	1.592	-0.0154	1.923	0.0327	2.919	0.0368	3.605	-0.0241	4.253	-0.0514	4.963	0.0505	4.898	0.0768		
1.880	0.473	0.0078	0.718	0.007	1.424	-0.0151	2.286	0.												

2.03	0.344	-0.0207	1.174	0.0121	1.14	0.031	2.392	-0.0198	2.18	-0.0205	2.369	-0.0259	3.17	0.0356	2.96	0.0222	4.351	0.0465	4.963	0.0507
2.04	0.346	0.0024	1.161	-0.006	1.285	0.0192	1.961	-0.0196	1.29	-0.0241	2.234	-0.0204	2.813	0.0314	3.209	0.0387	3.71	0.0456	4.942	0.0507
2.05	0.409	-0.0006	1.107	-0.0009	1.551	0.0237	1.349	-0.0197	1.38	-0.0203	2.290	-0.0230	2.239	0.0320	3.35	0.0405	3.495	0.0511	4.977	0.0504
2.06	0.51	0.0109	0.953	-0.0007	1.835	0.0248	1.549	-0.0172	1.824	0.0098	2.813	0.0447	2.786	0.0248	4.562	0.0203	3.49	0.0276	3.873	0.0303
2.07	0.598	0.0007	0.851	-0.0009	1.944	0.0207	1.46	-0.0033	2.006	0.0229	3.338	0.0508	3.257	0.0508	4.957	0.0221	3.827	0.0301	3.861	0.0301
2.08	0.585	-0.0003	0.752	-0.0004	1.804	0.0145	1.579	-0.017	2.845	0.0039	3.704	0.0254	3.465	0.0505	4.421	-0.0038	4.52	0.0213	4.204	0.0300
2.09	0.53	-0.0042	0.603	0.0004	1.153	0.0151	1.17	0.0031	2.824	0.0105	3.645	0.0214	3.434	0.0485	4.963	0.0203	4.352	0.0203	4.963	0.0274
2.04	0.478	-0.0042	0.7	0.0005	1.468	0.0154	2.233	-0.0154	3.074	0.0148	3.31	-0.0299	4.33	0.0145	3.866	0.0181	4.963	0.0203	4.963	0.075
2.041	0.426	-0.0045	0.825	0.0145	1.145	0.0145	1.3	0.0148	2.471	0.0157	2.942	-0.0211	2.981	0.0157	3.549	0.0247	3.448	0.0368	4.963	0.0247
2.042	0.379	-0.0039	1.51	0.0191	1.163	0.0191	1.303	0.0191	2.393	0.0201	2.557	-0.0203	3.348	0.0203	3.433	0.0203	3.433	0.0203	4.963	0.0242
2.043	0.34	-0.0027	1.167	0.0121	1.14	0.0207	2.175	-0.0196	2.401	-0.0205	2.361	-0.0202	3.181	0.0203	2.992	0.0222	4.348	0.0465	4.963	0.0507
2.044	0.345	0.0031	1.158	-0.0057	1.282	0.0192	1.957	-0.0196	1.36	-0.0244	2.222	-0.0205	2.824	0.0223	3.202	0.0384	3.71	0.0456	4.942	0.0504
2.045	0.441	-0.0022	1.053	-0.0009	1.544	0.0272	1.625	0.0196	1.803	0.0206	2.03	-0.0203	2.611	0.0203	3.452	0.0203	3.452	0.0203	4.963	0.0201
2.046	0.517	0.0112	0.95	-0.0009	1.626	0.0248	1.549	0.0169	1.824	0.0003	2.799	0.0453	2.779	0.0239	4.555	0.0203	3.432	0.0203	3.883	0.0203
2.047	0.604	0.007	0.849	-0.0003	1.936	0.0207	1.451	-0.0033	2	0.0233	3.328	0.0514	3.243	0.0508	4.954	0.0223	3.814	0.0481	4.963	0.0081
2.048	0.589	-0.0013	0.752	-0.0004	1.798	0.0145	1.568	0.017	2.374	0.0206	3.708	0.0264	3.854	0.0505	4.747	-0.0332	4.509	0.0276	3.873	0.0303
2.049	0.538	-0.0012	0.602	0.0045	1.238	0.0191	1.593	0.0171	2.817	0.0217	3.557	0.0248	4.231	0.0203	4.327	0.0203	4.963	0.0203		
2.05	0.486	-0.0042	0.704	0.0055	1.458	0.0154	2.224	0.0354	3.075	0.0154	3.326	-0.0299	4.346	0.0204	3.871	0.0241	4.963	0.0243		
2.051	0.432	-0.0042	0.831	0.0148	1.295	0.0167	2.472	0.0167	2.963	-0.0211	2.993	0.0202	3.364	0.0342	4.963	0.0241	4.963	0.0242		
2.052	0.589	0.0001	1.076	0.0191	1.159	0.0191	1.593	0.0191	2.817	0.0201	3.557	0.0248	4.231	0.0203	4.327	0.0203	4.963	0.0203		
2.053	0.53	-0.0042	0.602	0.0045	1.238	0.0191	1.593	0.0191	2.817	0.0201	3.557	0.0248	4.231	0.0203	4.327	0.0203	4.963	0.0203		
2.054	0.342	-0.0024	1.175	0.0121	1.135	0.0207	2.183	-0.0193	2.408	-0.0247	2.372	-0.0298	3.194	0.0115	4.36	0.0465	4.963	0.0504		
2.055	0.346	0.0024	1.168	-0.0054	1.278	0.0192	1.965	-0.0196	1.143	-0.0241	2.233	-0.0204	2.837	0.0323	3.287	0.0384	3.882	0.0466	4.963	0.0501
2.056	0.406	0.0002	1.062	-0.0009	1.542	0.0192	1.964	-0.0196	1.143	-0.0241	2.233	-0.0204	2.837	0.0323	3.287	0.0384	3.882	0.0466	4.963	0.0501
2.057	0.595	-0.0073	0.856	-0.0009	1.943	0.0048	1.459	-0.0033	2.02	0.0233	3.329	0.0508	3.237	0.0499	4.934	0.0233	3.791	0.0475	4.963	0.0061
2.058	0.579	-0.0036	0.768	-0.0004	1.807	0.0145	1.568	0.0163	2.373	0.0209	3.708	0.0264	3.842	0.0502	4.745	0.0203	4.963	0.0243		
2.059	0.527	-0.0024	1.202	0.0042	1.507	0.0192	1.963	0.0191	2.381	0.0201	3.557	0.0248	4.231	0.0203	4.327	0.0203	4.963	0.0203		
2.060	0.474	-0.0042	0.704	0.0052	1.468	0.0154	2.227	0.0351	3.068	0.0154	3.328	-0.0298	4.345	0.0204	3.871	0.0240	4.963	0.0243		
2.061	0.425	-0.0039	0.825	0.0145	1.305	0.0145	2.476	0.0167	2.947	0.0205	3.299	0.0250	3.957	0.0245	4.231	0.0203	4.963	0.0243		
2.062	0.476	-0.0024	1.202	0.0042	1.508	0.0192	1.963	0.0191	2.381	0.0201	3.557	0.0248	4.231	0.0203	4.327	0.0203	4.963	0.0203		
2.063	0.339	-0.0021	1.168	0.0121	1.137	0.0204	2.186	-0.0196	2.403	-0.0247	2.374	-0.0298	3.189	0.0206	2.997	0.0372	4.372	0.0267	4.963	0.0507
2.064	0.344	0.0027	1.158	-0.0057	1.273	0.0179	1.966	-0.0196	1.143	-0.0244	2.232	-0.0205	2.831	0.0323	3.287	0.0384	3.882	0.0466	4.963	0.0501
2.065	0.41	0.0085	1.052	-0.0007	1.634	0.0272	1.754	-0.0196	1.143	-0.0244	2.233	-0.0205	2.837	0.0323	3.287	0.0384	3.882	0.0466	4.963	0.0501
2.066	0.515	-0.0039	1.25	0.0009	1.521	0.0192	1.964	0.0191	2.381	0.0201	3.557	0.0248	4.231	0.0203	4.327	0.0203	4.963	0.0203		
2.067	0.605	0.0073																		

2.217	0.695	0.0073	0.869	-0.009	1.943	0.01	1.463	-0.008	1.937	0.0173	3.246	0.0514	3.043	0.0426	4.913	0.0296	3.722	0.0408	3.408	0.0085
2.218	0.582	-0.0033	0.769	-0.004	1.949	0.0133	1.54	0.0186	2.261	0.0366	3.668	0.0118	3.619	-0.0258	4.81	-0.0258	4.372	0.0083	4.237	0.0258
2.219	0.531	-0.0039	0.692	-0.006	1.677	0.0154	0.293	0.0293	2.697	0.0429	3.683	-0.0102	4.192	0.0496	4.37	0.0496	4.963	0.0713	4.963	0.078
2.220	0.479	-0.0035	0.691	-0.007	1.550	0.0154	0.254	0.0254	2.54	0.0261	3.303	0.0203	4.208	0.0284	3.932	0.0263	4.963	0.0509	4.963	0.0737
2.221	0.427	-0.0039	0.798	0.0133	1.34	0.0154	2.412	0.0206	3.028	-0.0117	3.012	-0.0035	4.104	0.0335	3.509	-0.0404	4.963	0.0323	4.963	0.0215
2.222	0.379	-0.0042	0.976	0.0185	1.192	0.0113	2.431	-0.0105	2.753	-0.0241	2.708	-0.0302	3.712	0.0356	3.126	-0.0332	4.963	0.0469	4.963	0.0441
2.223	0.34	-0.0042	0.004	1.15	0.0145	1.131	0.0115	2.141	0.0193	2.41	0.0242	2.402	-0.0265	3.33	0.0359	2.979	0.0464	4.963	0.0462	
2.224	0.344	-0.0042	0.004	1.174	0.0124	1.322	0.0145	1.994	0.0194	2.248	0.0244	2.234	0.0208	2.595	0.0263	3.024	0.0464	4.963	0.0465	
2.225	0.344	-0.0042	0.004	1.174	0.0124	1.322	0.0145	1.994	0.0194	2.248	0.0244	2.234	0.0208	2.595	0.0263	3.024	0.0464	4.963	0.0465	
2.226	0.409	0.0082	0.171	-0.0037	1.471	0.0254	1.78	-0.0196	1.968	0.0226	2.33	0.0188	2.673	0.0208	3.78	0.0595	3.537	0.0365	4.293	0.0504
2.227	0.512	0.0109	0.969	-0.003	1.763	0.0275	1.577	-0.0184	1.923	0.0072	2.714	0.0429	2.68	0.0109	4.462	0.0665	3.407	0.0212	3.865	0.0335
2.228	0.403	0.0103	0.988	0.003	1.524	0.0268	1.524	0.0186	1.923	0.0072	2.719	0.0429	2.68	0.0109	4.462	0.0665	3.407	0.0212	3.865	0.0335
2.229	0.589	-0.0038	0.768	-0.0084	1.842	0.0133	1.531	0.0183	2.252	0.0283	3.668	0.0337	4.816	0.025	4.359	0.0883	4.244	0.0528	4.244	0.078
2.230	0.537	-0.0042	0.689	-0.0057	1.67	0.0154	2.01	0.0154	2.293	0.0435	3.695	-0.0096	4.181	0.0547	4.378	-0.0401	4.963	0.0716	4.963	0.0777
2.231	0.445	-0.0045	0.602	0.004	1.5	0.0154	2.162	0.0254	3.534	0.0267	3.576	0.0205	4.403	0.0476	3.54	0.0407	4.963	0.0311	4.963	0.0229
2.232	0.384	-0.0042	0.683	0.0188	1.187	0.0133	2.44	0.0204	2.755	-0.0241	2.721	-0.0302	3.727	0.0359	3.151	-0.0335	4.949	0.0456	4.963	0.0444
2.233	0.344	-0.0024	1.156	0.0145	1.126	0.0118	2.221	0.0193	2.480	0.0247	2.414	0.0281	3.342	0.0356	2.981	0.0468	4.963	0.0446	4.963	0.0215
2.234	0.344	-0.0024	1.156	0.0145	1.126	0.0118	2.221	0.0193	2.480	0.0247	2.414	0.0281	3.342	0.0356	2.981	0.0468	4.963	0.0446	4.963	0.0215
2.235	0.404	0.0082	1.07	-0.0087	1.468	0.0257	1.787	0.0193	1.972	0.0226	2.34	0.0185	2.681	0.0214	3.775	0.0595	3.548	0.0371	4.276	0.0501
2.236	0.506	0.0106	0.978	-0.0084	1.763	0.0278	1.584	-0.0184	1.826	0.0072	2.719	0.0423	2.682	0.0207	4.457	0.0665	3.407	0.0235	3.847	0.0347
2.237	0.506	0.0106	0.978	-0.0084	1.763	0.0278	1.584	-0.0184	1.826	0.0072	2.719	0.0423	2.682	0.0207	4.457	0.0665	3.407	0.0235	3.847	0.0347
2.238	0.581	-0.0033	0.775	-0.0037	1.85	0.0133	1.537	0.0183	2.251	0.0284	3.668	0.0337	3.598	0.023	4.527	0.0244	4.354	0.0883	4.233	0.0529
2.239	0.531	-0.0039	0.694	-0.006	1.678	0.0154	1.805	0.0296	2.685	0.0429	3.698	-0.0095	4.169	0.0505	3.807	0.0222	4.963	0.0722	4.963	0.0786
2.240	0.477	-0.0042	0.692	-0.0037	1.509	0.0154	2.061	0.0294	2.666	0.0435	3.739	0.0201	4.401	0.0647	4.393	0.0321	4.963	0.0521	4.963	0.0774
2.241	0.493	-0.0042	0.692	-0.0037	1.509	0.0154	2.061	0.0294	2.666	0.0435	3.739	0.0201	4.401	0.0647	4.393	0.0321	4.963	0.0521	4.963	0.0774
2.242	0.378	-0.0039	0.976	0.0185	1.193	0.0113	2.441	0.0183	2.753	-0.0244	2.721	-0.0302	3.721	0.0356	3.141	-0.0338	4.946	0.0456	4.963	0.0444
2.243	0.346	-0.0024	1.146	0.0145	1.131	0.0118	2.223	0.0193	2.446	0.0247	2.414	0.0276	3.358	0.0365	2.973	0.0464	4.467	0.0468	4.963	0.0454
2.244	0.344	-0.0024	1.146	0.0145	1.131	0.0118	2.223	0.0193	2.446	0.0247	2.414	0.0276	3.358	0.0365	2.973	0.0464	4.467	0.0468	4.963	0.0454
2.245	0.405	0.0078	1.07	-0.0087	1.463	0.0254	1.789	0.0196	1.966	0.0226	2.336	0.0185	2.672	0.0223	3.775	0.0595	3.556	0.0368	4.29	0.0501
2.246	0.507	0.0109	0.979	-0.0084	1.757	0.0278	1.581	-0.0187	1.828	0.0072	2.705	0.0427	2.672	0.0207	4.442	0.0665	3.405	0.0235	3.856	0.0332
2.247	0.504	0.0107	0.975	-0.0084	1.757	0.0278	1.581	-0.0187	1.828	0.0072	2.705	0.0427	2.672	0.0207	4.442	0.0665	3.405	0.0235	3.856	0.0332
2.248	0.579	-0.0033	0.778	-0.0039	1.85	0.0133	1.537	0.0183	2.236	0.0284	3.668	0.0337	3.598	0.023	4.527	0.0244	4.354	0.0883	4.233	0.0529
2.249	0.531	-0.0039	0.694	-0.006	1.678	0.0154	1.805	0.0296	2.685	0.0429	3.698	-0.0095	4.169	0.0505	3.807	0.0222	4.963	0.0722	4.963	0.0786
2.250	0.477	-0.0042																		

2403	0.379	-0.036	0.944	0.0179	1.239	0.0145	2.461	-0.005	2.836	-0.026	2.761	-0.030	3.88	-0.035	3.178	-0.036	4.963	-0.0453	4.963	-0.0456
2403	0.341	-0.027	1.128	0.0167	1.133	0.0048	2.251	-0.019	2.56	-0.027	2.45	-0.027	3.477	-0.032	2.979	-0.0093	4.546	-0.0465	4.546	-0.0467
2404	0.342	-0.027	1.185	0.0009	1.191	0.0106	2.032	-0.019	2.295	-0.024	2.238	-0.0142	3.096	-0.053	3.162	-0.0278	4.963	-0.0469	4.963	-0.0467
2405	0.405	-0.022	1.101	-0.004	1.104	0.0239	2.031	-0.019	2.307	-0.021	2.230	-0.0103	3.020	-0.020	3.162	-0.025	4.963	-0.0471	4.963	-0.0471
2406	0.51	0.012	0.967	-0.009	1.694	0.0281	1.609	-0.019	1.942	0.0133	2.635	0.0303	4.963	-0.0207	2.829	-0.059	3.398	-0.0317	3.948	-0.0317
2407	0.601	0.0073	0.883	-0.009	1.917	0.016	1.465	-0.0093	1.865	0.0094	3.15	0.0514	2.855	-0.0308	4.973	-0.0381	3.614	-0.0323	3.827	-0.0115
2408	0.591	-0.003	0.785	-0.0084	1.867	0.0009	1.540	-0.019	1.539	0.018	3.018	0.0504	3.581	-0.0538	3.581	-0.0157	4.279	-0.0279	4.963	-0.0544
2409	0.539	-0.024	1.17	0.009	1.717	0.0149	1.746	-0.025	1.556	0.026	3.724	-0.0203	3.073	-0.0373	3.673	-0.0208	4.963	-0.0304	4.963	-0.0304
2410	0.488	-0.0042	0.685	0.0022	1.543	0.0157	2.064	-0.0354	2.963	0.0342	3.431	-0.0287	4.373	-0.0263	4.005	-0.0467	4.963	-0.0270	4.963	-0.0270
2411	0.434	-0.0045	0.778	0.0121	1.377	0.0121	2.417	-0.025	2.47	0.0247	3.076	-0.0205	4.268	-0.0241	3.581	-0.0407	4.963	-0.0121	4.963	-0.0121
2412	0.389	-0.009	1.55	0.0161	1.221	0.0104	2.461	-0.025	2.843	0.0265	3.773	-0.0302	3.373	-0.0203	3.611	-0.0303	4.963	-0.0445	4.963	-0.0446
2413	0.345	-0.027	1.134	0.0167	1.129	0.0048	2.253	-0.019	2.568	-0.025	2.463	-0.029	3.489	-0.0359	2.977	-0.0098	4.554	-0.0465	4.963	-0.0467
2414	0.344	-0.024	1.195	0.0009	1.189	0.0106	2.036	-0.019	2.301	-0.0247	2.247	-0.0145	3.11	-0.0256	3.158	-0.0278	4.771	-0.0465	4.963	-0.0467
2415	0.403	-0.026	1.1	-0.007	1.401	0.0249	1.824	-0.025	2.243	-0.0241	2.501	-0.0242	2.765	-0.0203	3.612	-0.0265	3.677	-0.0268	4.963	-0.0441
2416	0.504	0.016	0.996	-0.009	1.691	0.0281	1.813	-0.019	1.949	0.0133	2.634	0.0308	2.853	-0.0268	3.457	-0.0965	3.4	-0.0317	3.834	-0.0115
2417	0.593	0.0073	0.892	-0.0093	1.92	0.017	1.468	-0.0093	1.873	0.0094	3.153	0.0514	2.853	-0.0303	4.881	-0.039	3.614	-0.0321	3.814	-0.0115
2418	0.583	-0.003	0.795	-0.0087	1.897	0.0006	1.508	-0.0097	2.130	0.0111	3.011	-0.0281	3.355	-0.0532	4.882	-0.0154	4.204	-0.0344	4.963	-0.055
2419	0.583	-0.025	0.795	0.0009	1.724	0.0104	1.745	-0.0279	1.553	0.0243	3.727	-0.0201	3.398	-0.0447	4.204	-0.0381	3.614	-0.0323	3.827	-0.0115
2420	0.479	-0.0042	0.688	0.0115	1.55	0.0155	2.040	-0.025	2.443	0.0243	3.069	-0.0257	3.103	-0.0202	4.264	-0.0258	4.963	-0.0407	4.963	-0.0407
2421	0.427	-0.0042	0.773	0.0115	1.384	0.0151	2.051	-0.0257	2.404	0.0243	3.069	-0.0257	3.103	-0.0202	4.264	-0.0258	4.963	-0.0407	4.963	-0.0407
2422	0.389	-0.004	0.684	0.0102	1.527	0.0123	2.064	-0.025	2.443	0.0243	3.076	-0.0255	3.176	-0.0202	4.264	-0.0256	4.963	-0.0407	4.963	-0.0407
2423	0.34	-0.004	1.126	0.016	1.132	0.0051	2.261	-0.019	2.562	-0.025	2.465	-0.029	3.485	-0.0262	2.99	-0.0099	4.571	-0.0465	4.963	-0.0465
2424	0.342	-0.004	1.184	0.0012	1.185	0.01	2.041	-0.019	2.296	-0.025	2.47	-0.0145	3.108	-0.0272	4.088	-0.0462	4.786	-0.0461	4.963	-0.0461
2425	0.405	-0.002	1.088	0.0239	1.395	0.0239	2.039	-0.019	2.084	0.0242	3.08	-0.0196	2.299	-0.0262	4.267	-0.0461	4.261	-0.0461	4.963	-0.0461
2426	0.55	-0.009	1.095	0.0009	1.585	0.0241	1.819	-0.019	1.939	0.0245	2.538	-0.0287	3.233	-0.0249	3.634	-0.0309	3.343	-0.0314	3.834	-0.0114
2427	0.602	0.0076	0.883	-0.009	1.916	0.0173	1.471	-0.0093	1.855	0.0111	3.145	0.0511	2.834	-0.0293	4.868	-0.0384	3.619	-0.0318	3.83	-0.0112
2428	0.594	-0.013	0.784	-0.0087	1.897	0.0009	1.508	-0.0097	2.12	0.0111	3.011	0.0535	3.333	-0.0535	4.868	-0.0157	4.204	-0.0362	4.265	-0.0362
2429	0.541	-0.022	1.126	0.0098	1.725	0.0149	2.072	-0.0272	2.530	0.0249	3.721	-0.0289	3.348	-0.0306	4.868	-0.0307	4.269	-0.0307	4.963	-0.0307
2430	0.49	-0.0042	0.681	0.0015	1.551	0.0154	2.096	-0.0351	2.948	0.0348	3.432	-0.029	4.365	-0.0287	4.002	-0.041	4.963	-0.0429	4.963	-0.0429
2431	0.437	-0.0042	0.772	0.0112	1.386	0.0121	2.418	-0.0257	2.418	0.0206	3.106	-0.0202	4.29	-0.0217	3.581	-0.0404	4.963	-0.0169	4.963	-0.0169
2432	0.486	-0.0042	1.123	0.017	1.131	0.0051	2.261	-0.019	2.577	-0.0244	2.46	-0.0237	3.509	-0.0369	2.973	-0.0099	4.554	-0.0367	4.963	-0.0367
2433	0.346	-0.027	1.131	0.017	1.134	0.0051	2.253	-0.019	2.577	-0.0244	2.46	-0.0237	3.509	-0.0369	2.973	-0.0099	4.554	-0.0367	4.963	-0.0367
2434	0.345	0.0022	1.195	0.012	1.189	0.0106	2.036	-0.0199	2.309	0.0241	3.245	-0.0248	2.448	-0.0218	3.129	-0.0253	3.145	-0.0272	4.776	-0.0361
2435	0.404	-0.0079	1.1	-0.0084	1.396	0.0236	1.818	-0.0196	2.052</td											

2.887	0.6	0.0076	0.903	-0.0093	1.88	0.0309	1.476	-0.0117	1.832	0.0003	3.067	0.0698	2.73	0.0182	4.859	0.0459	3.636	0.0342	3.838	0.0136
2.888	0.594	-0.0033	0.803	-0.0087	1.92	-0.003	1.482	0.0064	2.035	0.028	3.564	0.0432	3.147	0.0072	4.911	-0.0072	4.085	0.0595	4.311	0.0565
2.889	0.539	-0.0042	0.712	-0.0075	1.755	0.0148	1.694	0.0254	2.423	0.0402	3.741	0.0059	3.745	0.0059	4.915	-0.0389	4.815	0.0547	4.963	0.0592
2.890	0.49	-0.0042	0.722	-0.0072	1.538	0.0003	1.550	0.0211	2.541	0.0289	3.438	0.0059	4.277	0.0049	4.903	-0.0487	4.903	0.0529	4.963	0.0562
2.891	0.436	-0.0039	0.753	0.0103	1.416	-0.0157	2.379	0.0293	3.084	0.0121	3.156	-0.0302	4.384	0.0036	3.648	-0.0404	4.963	0.0513	4.963	0.0448
2.892	0.387	-0.0042	0.918	0.0175	1.296	0.0145	2.482	0.0012	2.925	-0.0217	2.828	-0.0308	4.03	0.0341	3.239	-0.0383	4.963	0.0444	4.963	0.0462
2.893	0.346	-0.0027	1.109	0.0175	1.139	0.0043	2.291	-0.0187	2.651	-0.0207	2.512	-0.0205	3.645	0.0159	3.656	-0.0151	4.658	0.0465	4.963	0.0407
2.894	0.343	-0.0027	1.028	0.0048	1.103	0.0073	2.179	0.0109	2.382	0.0244	2.298	0.0181	3.151	0.0065	3.151	0.0128	4.109	0.0462	4.719	0.0511
2.895	0.395	0.0076	1.118	-0.0084	1.337	0.0212	1.855	-0.0199	2.119	0.0244	2.274	0.0094	3.581	0.0358	3.055	0.0355	4.22	0.0465	3.819	0.0299
2.896	0.501	0.0106	1.018	0.0083	1.013	0.0003	1.484	0.0117	1.891	0.0183	1.621	0.0161	2.652	0.0157	2.449	0.0065	3.414	-0.0181	3.819	0.0299
2.897	0.503	0.0076	0.998	-0.0039	1.584	0.0209	1.483	0.0117	1.831	0.0183	1.509	0.0059	2.731	0.0175	4.856	0.0043	3.553	0.0339	3.819	0.0299
2.898	0.584	-0.0033	0.81	-0.0087	1.928	-0.0027	1.49	0.0087	2.035	0.0287	3.565	0.0432	3.142	0.0059	4.921	-0.0083	4.803	0.0592	4.302	0.0568
2.899	0.533	-0.0039	0.718	-0.0078	1.764	0.0148	1.694	0.0254	2.423	0.0402	3.745	0.0059	3.733	0.0059	4.915	-0.0389	4.812	0.0547	4.963	0.0584
2.900	0.441	-0.0042	0.742	-0.0065	1.665	0.0145	2.244	0.0248	2.545	0.0289	3.425	0.0203	4.206	0.0147	4.963	0.0465	4.963	0.0465	4.963	0.0465
2.901	0.429	-0.0042	0.75	0.01	1.425	0.0154	2.383	0.0229	3.078	0.0121	3.14	-0.0302	4.375	0.0033	3.606	-0.0407	4.963	0.0442	4.963	0.0442
2.902	0.381	-0.0042	0.911	0.0173	1.285	0.0145	2.484	0.0014	2.919	-0.0217	2.832	-0.0305	4.027	0.0341	3.248	-0.0383	4.963	0.0447	4.963	0.0445
2.903	0.341	-0.0024	1.098	0.0173	1.143	0.0084	2.296	-0.0187	2.646	0.0241	2.511	-0.0290	3.645	0.0359	2.966	-0.0157	4.867	0.0465	4.963	0.0507
2.904	0.341	-0.0024	1.024	0.0043	1.193	0.0043	2.177	0.0109	2.371	0.0284	2.299	0.0184	3.298	0.0355	3.109	0.0173	4.233	0.0423	4.733	0.0513
2.905	0.404	0.0079	1.108	-0.0084	1.332	0.0212	1.858	-0.0199	2.118	0.0241	2.27	0.0088	3.899	0.0341	3.581	0.0292	4.233	0.0445	4.719	0.0507
2.906	0.507	0.0106	1.005	-0.0089	1.614	0.0234	1.854	-0.0193	2.164	0.0244	2.569	0.0054	3.245	0.0354	3.059	0.0359	4.32	0.0459	3.832	0.0299
2.907	0.401	0.0076	1.022	0.0003	1.001	0.0003	1.479	0.0109	1.849	0.0183	1.521	0.0165	2.715	0.0157	2.447	0.0043	3.208	0.0355	3.819	0.0299
2.908	0.594	-0.0033	0.802	-0.0087	1.928	-0.0021	1.486	0.0084	2.018	0.0248	3.559	0.0435	3.121	0.0059	4.908	-0.0083	4.803	0.0598	4.313	0.0565
2.909	0.543	-0.0039	0.71	-0.0075	1.764	0.0145	1.694	0.0248	2.406	0.0402	3.715	0.0059	4.512	0.0352	4.801	0.074	4.963	0.0595	4.313	0.0565
2.910	0.441	-0.0042	0.747	-0.0065	1.665	0.0154	2.384	0.0248	2.545	0.0289	3.425	0.0203	4.206	0.0147	4.963	0.0465	4.963	0.0465	4.963	0.0465
2.911	0.439	-0.0042	0.75	0.019	1.425	0.0145	2.383	0.0229	3.09	0.0123	3.155	0.0059	4.398	0.0145	4.963	0.0445	4.963	0.0445	4.963	0.0445
2.912	0.39	-0.0042	0.913	0.0175	1.265	0.0145	2.478	0.0015	2.933	-0.0217	2.828	-0.0302	4.05	0.0338	3.236	-0.0383	4.963	0.0441	4.963	0.0445
2.913	0.349	-0.003	1.104	0.0179	1.144	0.0084	2.291	0.0219	2.66	0.0241	2.511	-0.0290	3.659	0.0359	2.962	-0.0157	4.655	0.0462	4.963	0.0507
2.914	0.344	-0.0024	1.024	0.0043	1.193	0.0043	2.177	0.0109	2.369	0.0285	2.298	0.0181	3.278	0.0355	3.109	0.0151	4.233	0.0423	4.733	0.0511
2.915	0.402	-0.0027	1.073	0.0081	1.12	0.0029	2.059	0.0199	2.127	0.0241	2.266	0.0085	3.005	0.0341	3.565	0.0532	3.701	0.0425	4.225	0.0495
2.916	0.401	0.0079	1.108	-0.0084	1.332	0.0212	1.861	-0.0197	2.167	0.0241	2.564	0.0054	3.245	0.0354	3.056	0.0186	4.232	0.0422	4.733	0.0507
2.917	0.507	0.0106	1.005	-0.0089	1.614	0.0234	1.854	-0.0193	2.164	0.0244	2.569	0.0054	3.245	0.0354	3.059	0.0186	4.233	0.0423	4.733	0.0507
2.918	0.401	0.0076	1.022	0.0003	1.001	0.0003	1.479	0.0109	1.849	0.0183	1.521	0.0165	2.715	0.0157	2.447	0.0043	3.208	0.0355	3.819	0.0299
2.919	0.594	-0.0033	0.802	-0.0087	1.928	-0.0021	1.486	0.0084	2.018	0.0248	3.559	0.0435	3.121	0.0059	4.908	-0.0083	4.803	0.0598	4.313</	

2.72	0.388	-0.0042	0.884	0.017	1.200	-0.0151	2.488	0.0087	3.004	-0.0148	2.877	-0.0306	4.184	0.0314	3.3	-0.0380	4.963	0.0432	4.963	-0.0471		
2.73	0.346	-0.0027	1.077	0.0182	1.157	-0.0108	2.327	-0.0181	2.728	-0.0244	2.557	-0.0296	3.795	0.0365	3.006	-0.0205	4.765	0.0459	4.963	-0.0567		
2.74	0.341	0.0019	1.196	0.0073	1.138	0.0031	2.108	-0.0196	2.455	-0.0247	2.293	-0.0211	3.408	0.0365	3.057	0.016	4.267	0.0465	4.768	-0.051		
2.75	0.339	0.0016	1.137	-0.0061	1.225	0.0038	2.020	0.0030	2.154	-0.0244	2.324	-0.0243	3.023	0.0365	3.265	0.045	4.168	0.0465	4.765	-0.0545		
2.76	0.407	0.0106	1.031	-0.0029	1.549	0.0272	1.611	0.0193	1.948	-0.0214	2.51	0.0201	2.716	0.0203	4.138	0.0659	3.445	0.0203	4.725	0.0274	4.963	-0.0567
2.77	0.591	0.0079	0.928	-0.0093	1.834	0.0248	1.502	-0.0142	1.824	-0.0054	2.983	0.0493	2.658	0.0048	4.759	0.0523	3.474	0.0154	4.767	0.0203	3.805	-0.0274
2.78	0.585	-0.003	1.042	-0.0027	1.573	0.0081	1.504	0.0142	1.647	-0.0157	1.567	0.0101	3.501	0.0469	4.943	0.0207	4.963	0.0203	4.765	0.0268	4.963	-0.0567
2.79	0.588	-0.0042	1.042	-0.0027	1.573	0.0081	1.504	0.0142	1.647	-0.0157	1.567	0.0101	3.501	0.0469	4.943	0.0207	4.963	0.0203	4.765	0.0268	4.963	-0.0567
2.80	0.481	-0.0042	0.928	-0.0093	1.834	0.0248	1.502	-0.0142	1.824	-0.0054	2.983	0.0493	2.658	0.0048	4.759	0.0523	3.474	0.0154	4.767	0.0203	3.805	-0.0274
2.81	0.492	-0.0042	0.678	-0.0018	1.833	0.0151	1.974	0.0339	2.718	0.0429	3.536	-0.0269	4.092	0.0559	4.143	-0.0407	4.963	0.0214	4.963	0.0203	4.765	0.0268
2.82	0.439	-0.0042	0.728	0.0085	1.465	0.0154	2.328	0.0218	3.045	-0.0226	3.204	-0.0202	4.4	0.0179	3.711	0.0463	4.963	0.0204	4.963	0.0203	4.765	0.0268
2.83	0.581	-0.003	1.042	-0.0027	1.573	0.0081	1.504	0.0142	1.647	-0.0157	1.567	0.0101	3.501	0.0469	4.943	0.0207	4.963	0.0203	4.765	0.0268	4.963	-0.0567
2.84	0.341	-0.003	1.067	0.0182	1.163	-0.0108	2.331	-0.0184	2.724	-0.0241	2.563	-0.0302	3.794	0.0365	3.014	-0.0205	4.765	0.0459	4.963	-0.0567		
2.85	0.341	0.003	1.067	0.0182	1.163	-0.0108	2.331	-0.0184	2.724	-0.0241	2.563	-0.0302	3.794	0.0365	3.014	-0.0205	4.765	0.0459	4.963	-0.0567		
2.86	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.87	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.88	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.89	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.90	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.91	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.92	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.93	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.94	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.95	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.96	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.97	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.98	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
2.99	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
3.00	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
3.01	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
3.02	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
3.03	0.341	0.003	1.137	0.0073	1.225	0.0032	1.545	0.0272	2.112	-0.0199	2.452	0.0207	3.204	0.0365	3.063	0.0157	4.279	0.0462	4.725	-0.0567		
3.04	0.341	0.003	1.137	0.0073	1.225	0.0032	1															

2.97	0.688	0.0079	0.947	-0.0009	1.776	0.0375	1.523	-0.0157	0	1.838	0.0117	2.899	0.0475	2.438	0.0081	4.482	0.058	3.423	0.0064	3.859	0.0194
2.98	0.588	-0.0027	0.844	-0.009	1.943	0.0094	1.463	0.0197	0.161	1.217	0.0121	3.426	0.0496	2.802	0.0248	4.955	0.0121	3.809	0.0472	4.382	0.0067
2.98	0.536	-0.0045	0.746	-0.0084	1.842	0.0133	1.523	0.0197	0.236	1.256	0.0127	3.735	0.0191	4.665	0.0358	3.058	-0.0374	4.494	0.0271	4.963	0.0013
2.98	0.495	-0.0022	0.865	-0.0003	1.673	0.0151	1.502	-0.0154	2.295	0.0338	2.962	0.0111	3.204	-0.0032	4.331	0.0111	4.011	0.041	4.963	0.0067	
2.96	0.431	-0.0045	0.715	0.0004	1.502	0.0154	1.337	0.0154	2.486	0.0118	3.054	-0.0019	2.904	-0.0032	4.32	0.0151	3.374	0.0198	4.963	0.0048	
2.96	0.384	-0.0039	0.85	0.0154	1.337	0.0154	1.205	0.0118	2.486	0.0118	2.605	-0.0011	2.612	-0.0029	3.935	0.0151	3.443	0.0265	4.962	0.0067	
2.96	0.342	-0.0027	1.035	0.0145	1.157	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	-0.0022	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	-0.0019	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	-0.0016	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	-0.0013	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	-0.0010	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	-0.0007	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	-0.0004	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	-0.0001	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0003	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0006	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0009	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0012	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0015	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0018	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0021	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0024	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0027	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0030	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0033	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0036	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0039	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0042	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0045	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0048	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0051	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.051	0.0097	4.497	0.0265	
2.94	0.344	0.0054	1.023	0.0121	1.173	0.0121	1.131	0.0121	1.445	0.0121	1.531	0.0127	2.327	0.0127	3.237	0.0101	3.0				

3.143	0.344	-0.0027	1.001	0.0185	1.219	-0.0142	2.402	-0.0154	2.886	-0.0209	2.663	-0.0292	4.088	0.035	3.077	-0.029	4.963	0.0459	4.963	-0.051
3.144	0.339	0.0015	1.163	0.0127	1.129	0.0045	2.182	-0.0196	2.81	0.0244	2.366	-0.0292	3.697	0.0356	3.005	0.0037	4.48	0.0465	4.668	-0.0507
3.145	0.339	0.0019	1.161	0.0048	1.150	0.0045	2.183	0.0045	2.345	-0.0205	2.23	0.0301	3.113	0.0356	3.331	0.0038	4.482	0.0462	4.515	-0.0508
3.146	0.498	0.0109	1.057	-0.0084	1.415	0.0242	1.749	-0.0196	2.062	-0.0241	2.39	-0.0205	2.942	0.035	3.918	0.062	3.665	0.0374	3.803	-0.0229
3.147	0.598	0.0085	0.954	-0.0093	1.706	0.0284	1.55	-0.0172	1.863	0.0172	2.809	0.0453	2.682	0.0202	4.584	0.0611	3.417	0.0267	3.891	-0.0218
3.148	0.6	-0.0027	0.853	-0.0057	1.923	0.0137	1.457	0.0287	1.833	0.0036	3.355	0.0500	2.660	0.0206	2.68	0.0197	3.701	0.0584	4.434	-0.0202
3.149	0.549	0.0029	0.763	0.0039	1.688	0.0108	1.569	0.0147	2.047	0.0272	2.705	0.0217	3.209	0.0423	3.209	0.0204	4.508	0.0468	4.693	-0.0213
3.15	0.496	-0.0045	0.682	-0.0045	1.712	0.0148	1.855	0.0311	2.453	0.0417	3.647	-0.0181	3.62	0.0284	4.282	0.0404	4.963	0.0263	4.963	-0.0263
3.151	0.443	-0.0042	0.651	0.0145	1.773	0.0143	2.446	0.0351	2.844	0.0368	3.58	-0.0200	3.503	0.0304	3.428	0.0303	4.503	0.0263	4.963	-0.0268
3.152	0.353	0.0033	1.005	0.0188	1.22	-0.0142	2.397	-0.0154	2.899	-0.0229	2.661	-0.0299	4.108	0.0352	3.068	-0.0293	4.963	0.0459	4.963	-0.0507
3.153	0.351	-0.0033	1.005	0.0188	1.22	-0.0142	2.397	-0.0154	2.899	-0.0229	2.661	-0.0299	4.108	0.0352	3.068	-0.0293	4.963	0.0459	4.963	-0.0507
3.154	0.342	0.0015	1.17	0.0133	1.132	0.0042	2.176	-0.0196	2.623	-0.0241	2.363	-0.0252	3.717	0.0356	3.005	0.0037	4.465	0.0468	4.656	-0.0507
3.155	0.346	0.0023	1.173	-0.0045	1.169	0.0145	1.593	0.0196	2.347	-0.0225	2.229	0.0301	3.333	0.0356	3.365	0.0263	4.465	0.0469	4.656	-0.0508
3.156	0.402	0.0109	1.068	-0.009	1.418	0.0242	1.748	-0.0196	2.096	-0.0241	2.588	0.0233	2.962	0.0347	3.003	0.0629	3.552	0.0368	3.795	-0.0229
3.157	0.589	0.0082	1.065	0.005	1.707	0.0281	1.548	-0.0172	1.878	0.0175	2.805	0.0453	2.676	0.0202	4.578	0.0802	3.397	0.0333	3.889	-0.0221
3.158	0.589	-0.0027	0.863	-0.009	1.923	0.0154	1.454	0.0234	1.844	0.0034	3.332	0.0511	2.688	0.0206	4.584	0.0611	3.417	0.0267	3.891	-0.0218
3.159	0.589	0.0023	1.062	-0.0037	1.763	0.0281	1.587	0.0196	2.049	0.0269	3.708	0.0203	3.203	0.0203	4.578	0.0311	3.717	0.0277	4.653	-0.0215
3.16	0.485	-0.0042	0.691	-0.0051	1.713	0.0148	1.855	0.0311	2.453	0.0411	3.653	-0.0175	3.612	0.0358	4.297	0.0404	4.963	0.0282	4.963	-0.0262
3.161	0.433	-0.0045	0.699	0.0046	1.54	0.0154	2.222	0.0286	3.118	-0.0203	4.186	0.0502	3.862	0.0202	4.583	0.0348	4.963	0.0202	4.963	-0.0202
3.162	0.389	0.0012	1.042	0.0116	1.276	0.0142	2.471	0.0317	2.584	0.0348	3.501	-0.0203	3.443	0.0341	3.443	0.0211	4.503	0.0378	4.653	-0.0204
3.163	0.342	-0.003	0.998	0.0188	1.219	-0.0142	2.407	-0.0148	2.905	-0.0223	2.666	-0.0299	4.115	0.0352	3.083	-0.0298	4.963	0.0458	4.963	-0.0507
3.164	0.339	0.0019	1.163	0.013	1.128	0.0048	2.186	-0.0196	2.628	-0.0244	2.369	-0.0286	3.723	0.0356	2.999	0.0207	4.491	0.0468	4.655	-0.051
3.165	0.396	0.0078	1.166	-0.0045	1.19	0.012	1.966	0.0196	2.362	0.0247	2.227	-0.0205	3.341	0.0359	3.009	0.0303	4.406	0.0469	4.643	-0.0508
3.166	0.403	0.0026	1.093	-0.0037	1.604	0.0103	1.733	0.0196	2.099	0.0241	2.394	0.0303	3.003	0.0303	3.379	0.0263	3.795	0.0303	4.653	-0.0508
3.167	0.595	0.0085	0.959	-0.009	1.696	0.0284	1.552	-0.0175	1.879	0.0178	3.045	0.0451	2.676	0.0214	4.577	0.0802	3.399	0.0339	3.889	-0.0224
3.168	0.591	-0.0024	0.857	0.017	1.923	0.016	1.459	0.0234	1.833	0.0034	3.324	0.0511	2.672	0.0207	4.438	0.0369	3.626	0.0206	4.644	-0.0508
3.169	0.595	0.0024	1.202	0.0084	1.703	0.0104	1.929	0.0196	2.099	0.0246	2.341	0.0305	3.701	0.0203	3.705	0.0205	4.643	0.0369	4.653	-0.0508
3.170	0.589	0.0042	0.687	-0.0054	1.723	0.0148	1.543	0.0231	1.852	0.0045	3.651	-0.0169	3.585	0.0358	4.299	0.0405	4.963	0.0263	4.963	-0.0263
3.171	0.496	-0.0042	0.688	-0.0048	1.716	0.0148	1.849	0.0311	2.446	0.0405	3.683	0.0309	3.201	0.0211	4.297	0.0404	4.963	0.0262	4.963	-0.0262
3.172	0.443	-0.0045	0.695	0.0046	1.542	0.0157	2.216	0.0284	3.119	0.0351	3.319	0.0299	4.163	0.0517	3.862	0.0202	4.505	0.0345	4.643	-0.0508
3.173	0.351	-0.0033	1.004	0.0191	1.221	0.0142	2.406	0.0315	2.496	-0.022	2.674	0.0302	3.079	0.0209	4.493	0.0459	4.963	0.0267	4.963	-0.0267
3.174	0.342	0.0015	1.167	0.013	1.131	0.0109	2.188	-0.0193	2.626	-0.0247	2.377	-0.0206	3.724	0.0362	2.996	0.0204	4.491	0.0465	4.655	-0.0507
3.175	0.394	0.007	1.173	-0.0045	1.193	0.0109	2.168	-0.0196	2.628	-0.0244	2.356	-0.0206	3.341	0.0356	3.301	0.0309	4.405	0.0465	4.655	-0.

3.37	0.504	0.0086	0.971	-0.0093	1.642	0.0387	1.581	-0.0181	1.917	-0.0311	2.73	0.0430	2.742	0.0387	4.488	0.0844	3.413	0.0111	3.913	0.0245
3.28	0.602	-0.0021	0.688	-0.009	1.894	0.0203	1.462	-0.006	1.818	-0.0027	2.352	0.0514	2.629	0.0105	4.917	0.0281	3.611	0.0035	4.476	0.0035
3.29	0.55	-0.0045	0.769	-0.0087	1.921	0.0048	1.534	-0.0133	1.968	-0.0215	2.871	0.0321	4.793	-0.0274	4.189	0.0632	4.963	0.0816		
3.33	0.498	-0.0021	0.622	-0.009	1.691	0.0006	1.533	-0.0043	1.933	-0.0237	2.330	0.0380	3.388	-0.0247	4.524	0.0243	4.734	0.0390		
3.31	0.444	-0.0042	0.687	0.0031	1.581	-0.0154	2.162	0.0234	2.771	0.0428	3.363	-0.0293	4	0.0583	3.918	-0.0407	4.963	0.0444		
3.32	0.396	-0.0042	0.795	0.0013	1.413	0.0151	2.446	0.0209	1.967	0.0194	3.033	-0.0302	4.389	0.0248	3.405	-0.0404	4.963	0.0446		
3.33	0.523	-0.0053	0.970	0.0042	1.233	0.0145	2.435	0.0209	2.863	-0.0167	2.707	-0.0296	3.562	0.0262	3.113	-0.0403	4.963	0.0447		
3.34	0.343	-0.0012	1.18	0.0154	1.14	0.0175	2.113	0.0203	1.913	0.0201	2.405	0.0204	3.068	0.0203	3.028	0.0207	4.963	0.0448		
3.35	0.394	0.007	1.185	-0.0018	1.172	0.0092	1.991	-0.0199	2.435	-0.0205	2.228	0.0208	3.479	-0.0359	3.229	0.0207	4.963	0.0449		
3.36	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0450		
3.37	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0451		
3.38	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0452		
3.39	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0453		
3.40	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0454		
3.41	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0455		
3.42	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0456		
3.43	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0457		
3.44	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0458		
3.45	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0459		
3.46	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0460		
3.47	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0461		
3.48	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0462		
3.49	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0463		
3.50	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0464		
3.51	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0465		
3.52	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0466		
3.53	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0467		
3.54	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0468		
3.55	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0469		
3.56	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0470		
3.57	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0471		
3.58	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0472		
3.59	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0473		
3.60	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0474		
3.61	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0475		
3.62	0.49	0.0106	1.048	0.0048	1.057	0.0077	1.823	0.0028	1.823	-0.0196	2.434	0.0214	3.098	0.0206	3.229	0.0208	4.963	0.0476		
3.63	0.49	0.0106	1.048	0.0048	1.057	0.0077</td														

3.512	0.397	-0.0042	0.768	0.0118	1.448	-0.0154	2.419	0.0254	3.014	0.0287	3.084	-0.0030	4.204	0.0408	3.562	-0.0404	4.963	0.0024	4.963	-0.0486
3.513	0.352	-0.0033	0.937	0.0012	1.265	-0.0173	1.265	-0.0151	2.459	-0.0048	2.757	-0.0032	4.373	-0.0063	3.166	-0.0358	4.963	-0.0044	4.963	-0.051
3.514	0.341	-0.0012	1.27	0.0127	1.03	-0.0015	1.449	0.0044	2.099	0.25	2.25	-0.0287	4.212	-0.0344	4.673	-0.0507	4.963	-0.0042	4.963	-0.0507
3.515	0.331	-0.0012	1.27	0.0127	1.03	-0.0015	1.449	0.0044	2.099	0.25	2.15	-0.0285	3.223	-0.0340	4.212	-0.0342	4.673	-0.0504	4.963	-0.0514
3.516	0.486	0.0103	1.105	-0.0084	1.307	0.0197	1.813	-0.0196	2.247	0.0241	2.303	0.0148	3.242	-0.0359	3.687	0.0577	3.718	-0.0348	3.784	-0.1848
3.517	0.584	0.0088	1	-0.0093	1.579	0.0275	1.808	-0.019	1.991	-0.0232	2.652	0.0393	2.877	0.0335	3.471	0.0965	3.413	-0.0202	3.932	-0.0372
3.518	0.591	-0.0024	0.896	-0.0009	1.862	0.0139	1.467	0.0139	1.852	-0.0003	3.144	0.0063	2.649	0.0159	3.019	-0.0219	4.862	0.0318	4.519	0.0368
3.519	0.519	-0.0024	0.793	-0.0009	1.538	0.0099	1.503	0.0131	1.965	0.0142	3.628	0.0334	2.745	0.0247	3.011	-0.0163	4.769	0.0283	4.503	0.0319
3.520	0.488	-0.0045	0.707	-0.0009	1.789	0.0145	1.752	0.0145	2.042	0.0345	3.72	-0.027	3.171	0.0478	4.444	-0.0398	4.963	-0.0052	4.963	-0.0562
3.521	0.436	-0.0042	0.704	-0.0009	1.448	0.0154	1.448	0.0154	2.104	0.0354	3.425	-0.025	3.769	0.0409	4.963	0.0009	4.963	-0.0506	4.963	-0.0106
3.522	0.386	-0.0042	0.704	-0.0009	1.448	0.0154	1.448	0.0154	2.104	0.0354	3.521	-0.025	3.539	-0.0203	4.298	0.0421	4.963	0.0020	4.963	-0.0500
3.523	0.344	-0.0003	0.931	0.0175	1.285	-0.0148	2.469	-0.0048	3.049	-0.0099	2.765	-0.0032	4.373	-0.006	3.183	-0.0358	4.963	-0.0044	4.963	-0.0501
3.524	0.336	0.0012	1.12	0.0173	1.153	0.0102	2.256	0.025	2.256	0.025	2.454	-0.0287	4.216	-0.0344	4.673	-0.0462	4.963	-0.0057	4.963	-0.0501
3.525	0.391	-0.0012	1.109	-0.0025	1.441	0.0307	2.303	0.0243	2.303	0.0243	2.243	-0.0247	3.623	-0.0242	3.717	0.0301	4.298	-0.0465	4.963	-0.0514
3.526	0.491	0.0106	1.1	-0.0084	1.296	0.0194	1.821	0.0196	2.247	0.0244	2.301	0.0145	3.624	0.0356	3.662	0.0568	3.738	-0.0181	3.784	-0.1848
3.527	0.591	0.0091	0.994	-0.009	1.588	0.0278	1.814	-0.019	1.992	-0.0229	2.847	0.0393	2.88	-0.0338	4.369	0.0682	3.431	-0.0205	3.929	-0.0375
3.528	0.602	-0.0021	0.892	-0.009	1.845	0.0242	1.469	0.0242	1.845	-0.0099	2.850	0.0154	2.648	0.0145	3.075	0.0375	3.52	0.0212	4.963	-0.0372
3.529	0.555	-0.0029	0.793	-0.0007	1.538	0.0099	1.538	0.0099	1.885	0.0202	3.520	0.0381	2.738	0.0277	3.023	0.0327	4.298	-0.0463	4.963	-0.0362
3.530	0.498	-0.0042	0.705	-0.0009	1.79	0.0145	1.747	0.0145	2.204	0.0342	3.727	-0.024	3.156	-0.0324	4.444	-0.0398	4.768	0.074	4.963	-0.0565
3.531	0.446	-0.0042	0.682	0.0015	1.62	0.0154	2.634	0.0432	3.434	0.0287	3.756	0.0395	4.963	-0.0407	4.963	0.0059	4.963	-0.036	4.963	-0.056
3.532	0.387	-0.0037	0.704	0.0115	1.448	0.0154	1.448	0.0154	2.104	0.0354	3.423	-0.025	3.601	-0.0347	4.444	-0.0407	4.963	-0.0050	4.963	-0.0560
3.533	0.352	-0.0033	0.937	0.0179	1.288	-0.0151	2.496	-0.0042	3.048	-0.0083	2.773	-0.0032	4.375	-0.0248	3.181	-0.0359	4.963	-0.0048	4.963	-0.051
3.534	0.341	0.0009	1.124	0.0167	1.156	0.0059	2.258	-0.019	2.784	-0.0241	2.461	-0.029	4.218	-0.0347	2.981	-0.0393	4.963	-0.0488	4.963	-0.0507
3.535	0.391	0.007	1.162	0.0167	1.144	0.0054	2.303	-0.0199	2.514	-0.0202	2.251	-0.0158	3.631	-0.0365	3.161	-0.0308	4.298	-0.0462	4.963	-0.0474
3.536	0.455	-0.0005	1.103	-0.0037	1.3	0.0193	1.821	0.0196	2.247	0.0247	2.307	0.0148	3.548	-0.0369	3.298	-0.0444	4.298	-0.0518	4.963	-0.0518
3.537	0.584	0.0088	0.999	-0.009	1.572	0.0275	1.816	-0.019	1.944	-0.0232	2.652	0.039	2.883	0.0335	4.361	0.0659	3.423	-0.0205	3.929	-0.0378
3.538	0.593	-0.0021	0.895	-0.0003	1.845	0.0246	1.473	0.0246	1.845	-0.0099	2.645	0.0508	2.876	0.0314	4.298	0.0699	3.514	-0.0209	4.963	-0.0569
3.539	0.424	-0.0022	0.795	-0.0007	1.537	0.0101	1.829	0.0101	2.204	0.0346	3.148	0.0154	2.65	0.0145	3.506	0.0366	4.298	-0.0463	4.963	-0.0503
3.540	0.49	-0.0042	0.706	-0.0072	1.798	0.0145	1.749	0.0145	2.198	0.0339	3.716	-0.0207	3.144	0.0469	4.442	-0.0395	4.755	0.074	4.963	-0.0568
3.541	0.446	-0.0042	0.682	0.0015	1.62	0.0154	2.091	0.0354	2.616	0.0435	3.437	0.0145	2.426	0.0145	4.011	0.0411	4.963	-0.0372	4.963	-0.0563
3.542	0.39	-0.0005	1.09	0.0109	1.453	0.0115	1.453	0.0115	2.031	0.0363	3.103	-0.0060	4.27	-0.0347	4.463	0.0405	4.963	-0.0364	4.963	-0.0564
3.543	0.346	-0.0003	0.925	0.0179	1.204	0.0154	2.453	-0.0054	2.761	-0.0302	4.382	0.0333	3.181	-0.0365	4.963	-0.0488	4.963	-0.0513	4.963	-0.0563
3.544	0.338	0.0015	1.115	0.0107	1.16	0.0102	2.256	-0.019	2.79	-0.0241	2.461	-0.029	4.218	-0.0347	2.981	-0.0393	4.963	-0.0487	4.963	-0.0567
3.545</td																				

3.697	0.581	0.0091	1.018	-0.0093	1.516	0.0389	1.636	-0.0183	2.061	-0.0341	2.583	0.0386	3.009	-0.035	4.263	0.0866	3.451	0.0372	3.949	0.0299
3.698	0.593	-0.0018	0.913	-0.009	1.804	0.0263	1.477	-0.0114	1.855	-0.0148	3.079	0.0508	2.702	-0.0238	4.828	0.0459	3.455	0.0173	4.557	0.0671
3.699	0.541	-0.0042	0.815	-0.009	1.945	0.0207	1.487	0.007	1.855	0.0073	3.573	0.0426	2.667	-0.0054	4.914	0.059	3.891	0.052	4.963	0.0819
3.700	0.493	-0.0042	0.721	-0.0075	1.827	0.0242	1.542	-0.0042	1.762	0.0239	3.728	0.0403	2.633	-0.0037	4.917	0.0539	3.893	0.0538	4.963	0.0938
3.701	0.437	-0.0042	0.681	-0.0093	1.655	0.0248	1.048	-0.0148	2.048	0.029	3.474	-0.0234	3.536	0.0568	4.041	0.041	4.963	0.0909	4.963	0.0909
3.702	0.388	-0.0039	0.745	0.0097	1.483	0.0157	2.385	0.029	2.933	0.0096	3.145	-0.0302	4.129	0.0535	3.65	-0.0404	4.963	0.0924	4.963	0.0949
3.703	0.545	-0.0033	0.902	0.0173	1.32	0.0148	2.476	0.0003	2.043	0.0043	2.818	-0.0203	4.405	0.0535	3.441	0.0403	4.963	0.0923	4.963	0.0915
3.704	0.338	-0.0033	0.812	0.0023	1.503	0.0163	1.724	0.0124	2.386	0.0209	3.003	0.0203	2.503	0.0203	4.163	0.0182	4.798	0.0462	4.963	0.0907
3.705	0.387	0.0027	1.191	0.0052	1.131	0.0006	2.071	-0.0202	2.591	-0.0215	2.262	0.0178	3.77	0.0359	3.104	0.0218	4.307	0.0462	4.963	0.0948
3.706	0.486	0.0109	1.118	-0.0081	1.251	0.0116	1.816	0.016	1.851	0.0247	2.272	-0.0196	3.387	0.0356	3.581	0.0532	3.831	-0.0456	4.557	0.0517
3.707	0.548	0.0031	1.013	-0.0039	1.504	0.0349	1.545	0.0249	2.047	0.0201	2.579	0.0283	3.212	0.0247	3.483	0.0374	3.349	0.0298	4.557	0.0517
3.708	0.604	-0.0012	0.909	-0.009	1.795	0.0298	1.481	-0.0117	1.857	-0.0154	3.075	0.0508	2.701	-0.0241	4.823	0.0459	3.466	0.0121	4.557	0.0671
3.709	0.552	-0.0042	0.81	-0.0087	1.943	0.0207	1.483	0.0067	1.853	0.0067	3.573	0.0426	2.667	-0.0054	4.914	-0.0059	3.891	0.052	4.963	0.0819
3.710	0.491	-0.0042	0.72	-0.0075	1.827	0.0242	1.542	0.0145	2.045	0.0201	2.543	0.0204	3.474	0.0403	3.245	0.0302	4.603	0.0403	4.963	0.0938
3.711	0.446	-0.0048	0.68	-0.0003	1.658	0.0151	2.044	0.0293	2.043	0.0423	3.485	-0.0284	3.521	0.0568	4.079	0.0403	4.963	0.0949	4.963	0.0949
3.712	0.397	-0.0042	0.747	0.0175	1.486	0.0157	2.382	0.0293	2.922	0.0363	3.153	-0.0305	4.115	0.0541	3.65	-0.0407	4.963	0.0914	4.963	0.0948
3.713	0.352	-0.0033	0.905	0.0175	1.323	0.0148	2.483	0.0212	3.074	0.0046	2.824	0.0202	4.401	0.0542	3.241	0.0338	4.963	0.0924	4.963	0.0949
3.714	0.341	-0.0039	0.908	0.0179	1.773	0.0214	1.848	0.0148	2.385	0.0232	2.507	0.0203	3.454	-0.0217	3.498	0.0462	4.557	0.0517	4.963	0.0948
3.715	0.386	0.0084	1.196	0.0052	1.134	0.0006	2.073	-0.0196	2.589	-0.0247	2.267	0.0178	3.774	0.0358	3.098	0.0218	4.308	0.0462	4.963	0.0949
3.716	0.481	0.0106	1.121	-0.0081	1.255	0.0116	1.855	0.0116	1.855	0.0244	2.279	0.0207	3.387	0.0353	3.573	0.0532	3.833	0.0456	4.557	0.0516
3.717	0.541	0.0031	1.017	-0.0087	1.506	0.0349	1.545	0.0249	2.044	0.0201	2.545	0.0283	3.212	0.0247	3.483	0.0374	3.349	0.0298	4.557	0.0517
3.718	0.595	-0.0015	0.912	-0.0093	1.8	0.0298	1.483	-0.0117	1.852	-0.0157	3.077	0.0502	2.701	0.0218	4.815	0.0459	3.463	0.0121	4.557	0.0671
3.719	0.543	-0.0042	0.814	-0.009	1.949	0.0207	1.491	0.0067	1.846	0.0067	3.565	0.0423	2.655	0.0055	4.909	0.0511	4.963	0.0822	4.963	0.0948
3.720	0.447	-0.0042	0.72	-0.0075	1.835	0.0249	1.545	0.0151	2.041	0.0201	2.545	0.0204	3.474	0.0403	3.251	0.0302	4.603	0.0403	4.963	0.0938
3.721	0.439	-0.0042	0.73	-0.0075	1.504	0.0209	1.544	0.0151	2.042	0.0201	2.543	0.0204	3.474	0.0403	3.251	0.0302	4.603	0.0403	4.963	0.0938
3.722	0.391	-0.0042	0.74	-0.0097	1.492	0.0157	2.38	0.0287	2.918	0.0366	3.143	-0.0299	4.105	0.0544	3.65	-0.0407	4.963	0.0945	4.963	0.0945
3.723	0.346	-0.0033	0.903	0.0173	1.324	0.0148	2.481	0.0212	3.063	0.0064	2.829	0.0302	4.404	0.0542	3.245	0.0301	4.603	0.0403	4.963	0.0943
3.724	0.339	-0.0039	0.903	0.0182	1.502	0.0152	1.773	0.0214	2.385	0.0220	2.513	0.0201	3.439	0.0404	3.251	0.0301	4.603	0.0403	4.963	0.0943
3.725	0.387	0.0073	1.19	0.0055	1.334	0.0003	2.075	-0.0196	2.599	-0.0244	2.268	0.0178	3.786	0.0358	3.092	0.0215	4.307	0.0468	4.963	0.0945
3.726	0.503	-0.0013	1.023	-0.0087	1.496	0.0206	1.849	0.0186	1.849	0.0244	2.272	0.0202	3.338	0.0358	3.592	0.0529	3.832	0.0453	4.557	0.0517
3.727	0.579	0.0071	1.023	-0.0089	1.752	0.0272	1.455	0.0181	1.844	0.0243	2.274	0.0201	3.411	0.0357	3.56	0.0529	3.948	0.0465	4.557	0.0517
3.728	0.543	-0.0018	0.909	-0.009	1.79	0.0298	1.479	-0.0121	1.859	-0.0159	3.092	0.0508	2.709	0.0233	4.811	0.0468	3.454	0.0112	4.557	0.0671
3.729	0.55	-0.0039	0.81	-0.0087	1.342	0.0219	1.481	0.0064	1.846	0.0245	2.085	0.0287	3.741	0.0356	3.561	0.0435	2.654	0.0468	4.557	

3.883	0.39	-0.0042	0.727	0.0083	1.52	-0.0151	2.345	0.0311	2.826	0.0408	3.104	-0.0302	3.904	0.0593	3.723	-0.0407	4.963	0.0348	4.963	-0.0495
3.883	0.346	-0.0012	0.671	0.016	1.363	-0.0188	2.324	0.0313	2.941	-0.0211	2.547	-0.0296	4.307	-0.019	3.31	-0.0389	4.963	-0.0305	4.963	-0.051
3.884	0.338	-0.0012	1.06	0.016	1.202	-0.0152	2.324	0.0313	2.941	-0.0211	2.547	-0.0296	4.307	-0.019	3.304	-0.0205	4.963	-0.0305	4.963	-0.051
3.885	0.335	-0.0012	1.07	0.016	1.137	-0.0179	1.230	0.0313	1.563	-0.0237	2.265	-0.0203	3.315	-0.0203	3.36	-0.0141	4.963	-0.0305	4.963	-0.0540
3.886	0.484	0.0109	1.134	-0.0075	1.213	0.0333	1.888	0.0202	2.4	0.0244	2.249	0.0409	3.625	0.0382	3.486	0.0466	4.963	-0.0305	4.963	-0.1139
3.887	0.585	0.0097	1.029	-0.009	1.444	0.0251	1.871	0.0193	2.136	-0.0244	2.512	0.0327	3.148	-0.0356	4.132	0.0658	3.52	0.0335	3.773	0.0327
3.888	0.607	-0.02	0.926	-0.009	1.739	0.0281	1.496	0.0142	1.946	-0.0142	2.991	0.0403	3.299	-0.0356	4.132	0.0528	3.52	0.0335	3.773	0.0327
3.889	0.564	0.0042	0.826	-0.009	1.033	0.0211	1.473	0.0171	1.821	0.0227	2.033	0.0303	3.504	0.0466	2.103	0.0366	4.963	0.0341	4.963	0.0561
3.890	0.502	-0.0045	0.732	-0.0081	1.864	0.0121	1.655	0.0224	2	0.0298	3.746	0.0115	2.818	-0.0272	4.591	-0.0383	4.963	0.0347	4.963	0.0568
3.891	0.449	-0.0042	0.678	-0.0021	1.691	0.0154	2.042	0.0342	2.37	0.0293	3.535	-0.0274	3.3	0.052	4.151	-0.0407	4.963	0.0341	4.963	-0.0193
3.892	0.359	-0.0033	0.726	0.0033	1.523	-0.0151	2.345	0.0313	2.815	0.0441	3.230	-0.0303	3.306	0.0466	3.723	-0.0407	4.963	0.0348	4.963	-0.0498
3.893	0.355	-0.0033	0.874	0.0163	1.395	-0.0154	2.499	0.0308	3.068	0.0151	2.874	-0.0302	4.393	0.0315	3.307	-0.0395	4.963	0.0348	4.963	-0.051
3.894	0.34	-0.0056	1.065	0.016	1.203	-0.0185	2.325	0.0313	2.939	-0.0205	2.556	-0.0296	4.306	0.0181	3.009	-0.0208	4.963	-0.0459	4.963	-0.0507
3.895	0.484	-0.0027	1.19	0.0162	1.131	0.0203	1.569	0.0199	2.467	0.0244	2.291	-0.0203	3.319	0.0305	3.364	0.0134	4.963	-0.0465	4.963	-0.0540
3.896	0.475	0.01	1.138	-0.0078	1.216	0.0136	1.89	0.0199	2.367	0.0244	2.296	0.0408	3.531	0.0356	3.477	0.0466	3.929	0.0319	3.773	0.0327
3.897	0.578	0.0094	1.034	-0.009	1.447	0.0251	1.676	0.0193	2.135	-0.0244	2.517	0.0323	3.151	0.0353	4.125	0.0658	3.518	0.0341	3.773	0.0327
3.898	0.595	0.0097	1.029	-0.009	1.444	0.0251	1.871	0.0193	2.136	-0.0244	2.512	0.0327	3.148	0.0356	4.132	0.0658	3.52	0.0335	3.773	0.0327
3.899	0.549	-0.002	1.032	-0.007	1.533	0.0203	1.888	0.0199	2.182	0.0227	2.503	0.0309	3.343	0.0356	3.476	0.0466	3.929	0.0319	3.773	0.0327
3.900	0.564	0.0045	0.826	-0.009	1.033	0.0211	1.473	0.0171	1.894	0.0227	2.367	0.0306	3.504	0.0466	2.104	0.0366	4.963	0.0341	4.963	0.0561
3.901	0.492	-0.0045	0.733	-0.0084	1.874	0.0124	1.659	0.0227	2.094	0.0227	2.504	0.0323	3.154	0.0354	4.125	0.0658	3.518	0.0341	3.773	0.0327
3.902	0.44	-0.0042	0.678	-0.0024	1.699	0.0154	2.371	0.0339	2	0.0298	3.524	0.0115	2.818	-0.0272	4.591	-0.0383	4.963	0.0347	4.963	-0.0142
3.903	0.502	-0.001	1.022	0.016	1.272	0.0176	1.507	0.0211	2.011	0.0211	2.503	0.0309	3.343	0.0356	3.476	0.0466	3.929	0.0319	3.773	0.0327
3.904	0.336	-0.0033	0.866	0.016	1.361	-0.0154	2.454	0.0308	3.069	0.016	2.865	-0.0305	4.349	0.0311	3.311	-0.0395	4.963	0.0348	4.963	-0.0516
3.905	0.385	-0.0073	1.054	0.0185	1.208	0.0133	2.322	-0.0184	2.947	0.0247	2.547	-0.0295	4.315	-0.0169	3.009	-0.0211	4.963	-0.0449	4.963	-0.0507
3.906	0.453	-0.0073	1.184	0.0185	1.311	0.0203	1.844	0.0196	2.365	0.0211	2.501	-0.0215	3.311	0.0305	3.476	0.0466	3.929	0.0319	3.773	0.0327
3.907	0.584	0.0097	1.03	-0.0087	1.44	0.0248	1.676	0.0193	2.142	0.0241	2.501	0.0323	3.174	0.0356	4.111	0.0658	3.519	0.0341	3.773	0.0327
3.908	0.604	-0.012	0.925	-0.009	1.734	0.0281	1.496	0.0142	2.007	0.0202	2.501	0.0406	3.496	0.0317	2.809	0.077	4.74	0.0532	4.963	0.0683
3.909	0.553	-0.0029	0.826	-0.009	1.203	0.0203	1.501	0.0203	2.024	0.0202	2.502	0.0306	3.349	0.0356	3.476	0.0466	3.929	0.0319	3.773	0.0327
3.910	0.501	-0.0042	0.73	-0.0084	1.865	0.0121	1.648	0.0221	1.989	0.0203	2.002	0.0304	3.74	0.0214	2.802	0.0704	4.74	0.0532	4.963	0.0693
3.911	0.448	-0.0042	0.678	-0.0024	1.694	0.0151	2.071	0.0281	2.339	0.0227	2.504	0.0323	3.174	0.0356	4.111	0.0658	3.519	0.0341	3.773	0.0327
3.912	0.439	-0.0045	0.682	-0.0027	1.701	0.0151	1.982	0.0203	2.371	0.0227	2.505	0.0306	3.342	0.0356	3.476	0.0466	3.929	0.0319	3.773	0.0327
3.913	0.553	-0.0033	0.871	-0.0017	1.617	0.0154	2.496	0.0308	3.067	0.0167	2.877	-0.0302	4.347	0.0309	3.316	-0.0392	4.963	0.0341	4.963	-0.0513
3.914	0.338	0.0006	1.062	0.0188	1.127	0.0203	2.308	-0.0184	2.957	0.0257	2.547	-0.0299	4.33	-0.0157	3.014	0.0348	4.111	0.0459	4.963	-0.0507
3.915	0.38																			

4.087	0.682	0.01	1.046	-0.0087	1.388	0.0336	1.707	-0.0193	2.31	-0.0347	2.453	0.0287	3.287	0.0362	4.011	0.0844	3.589	0.0386	3.009	0.0348
4.088	0.607	-0.0003	0.948	-0.0093	1.676	0.0287	1.517	-0.0157	1.959	-0.0223	2.908	0.0481	2.918	0.0341	4.666	0.0577	3.413	0.0464	3.698	0.0389
4.089	0.596	-0.0039	0.842	-0.009	1.911	0.0179	1.463	-0.0006	2.822	-0.0069	3.434	0.049	2.658	0.0178	4.95	0.0127	3.674	0.0263	4.963	0.0216
4.090	0.594	-0.0035	0.745	-0.004	1.923	0.0284	1.513	-0.0004	2.826	-0.0075	3.798	0.0143	2.711	0.0143	4.867	0.0131	4.296	0.0465	4.933	0.0241
4.091	0.451	-0.0045	0.681	-0.0036	1.73	0.0148	1.029	-0.0033	2.257	-0.0096	3.689	-0.0253	3.096	0.0447	4.228	-0.0407	4.963	0.0731	4.963	-0.0178
4.092	0.4	-0.0042	0.714	-0.0084	1.555	0.0157	2.292	0.0338	2.695	0.0432	3.254	-0.0299	3.687	0.0595	3.763	0.041	4.963	0.0389	4.963	-0.0495
4.093	0.597	-0.0033	0.845	-0.0154	1.39	0.0148	2.487	0.0285	3.033	0.0405	2.904	-0.0055	3.476	0.0459	4.236	0.0523	4.963	0.0253	4.963	-0.051
4.094	0.339	-0.0008	1.024	-0.0108	1.232	0.0145	2.363	0.0179	2.346	0.0157	2.604	-0.0006	4.388	0.0459	4.203	0.0207	4.963	0.0456	4.51	0.0207
4.095	0.381	-0.008	1.001	-0.0101	1.124	0.0145	2.363	0.0179	2.346	0.0157	2.604	-0.0006	4.388	0.0459	4.203	0.0207	4.963	0.0456	4.51	0.0207
4.096	0.381	-0.0081	1.181	-0.0109	1.134	0.0157	2.136	-0.0193	2.743	-0.0241	3.232	-0.0235	4.064	0.0338	3.017	0.0088	4.512	0.0468	4.912	-0.045
4.097	0.469	0.01	1.155	-0.0037	1.39	0.0208	1.703	-0.0193	2.747	-0.0247	3.231	-0.0244	3.773	0.0003	4.072	-0.0072	4.963	0.0459	3.773	-0.0111
4.098	0.573	-0.0007	1.55	-0.0037	1.39	0.0208	1.703	-0.0193	2.747	-0.0247	3.231	-0.0244	3.773	0.0003	4.072	-0.0072	4.963	0.0459	3.773	-0.0111
4.099	0.598	-0.0008	0.948	-0.009	1.681	0.0287	1.523	-0.0157	1.959	-0.0232	2.907	0.0475	2.919	0.0344	4.66	0.0588	3.408	0.0367	4.945	0.0701
4.100	0.546	-0.0042	0.845	-0.009	1.681	0.0287	1.523	-0.0157	1.959	-0.0232	2.907	0.0475	2.919	0.0344	4.66	0.0588	3.408	0.0367	4.945	0.0701
4.101	0.445	-0.0042	0.742	-0.0037	1.74	0.0148	1.020	-0.0004	2.203	-0.0177	3.725	0.0142	4.47	-0.0308	4.243	0.0462	4.963	0.0241		
4.102	0.393	-0.0042	0.707	-0.0058	1.569	0.0154	2.284	0.0339	2.684	0.0455	3.255	-0.0302	3.659	0.0592	3.705	-0.0407	4.963	0.0385		
4.103	0.399	-0.0042	0.709	-0.0081	1.556	0.0154	2.284	0.0339	2.684	0.0455	3.255	-0.0302	3.659	0.0592	3.802	-0.0407	4.963	0.0385		
4.104	0.393	-0.0036	0.843	-0.0154	1.39	0.0151	2.483	0.0215	3.011	0.0205	2.928	-0.0205	3.659	0.0484	4.224	0.0398	4.963	0.0232		
4.105	0.338	-0.0008	1.020	-0.0108	1.233	0.0158	2.363	0.0172	2.323	0.0157	2.608	-0.0030	4.388	0.0424	4.203	0.0207	4.963	0.0456		
4.106	0.379	-0.0084	1.182	-0.0115	1.132	0.0158	2.141	-0.0196	2.761	-0.0241	3.235	-0.0238	4.089	0.0358	3.014	0.0045	4.522	0.0208	3.998	-0.0447
4.107	0.496	-0.0087	1.174	-0.0112	1.135	0.0158	2.141	-0.0196	2.761	-0.0241	3.235	-0.0238	4.089	0.0358	3.014	0.0045	4.522	0.0208	3.998	-0.0447
4.108	0.475	-0.0106	1.152	-0.0069	1.182	0.0157	2.141	-0.0196	2.761	-0.0241	3.235	-0.0238	4.089	0.0358	3.014	0.0045	4.522	0.0208	3.998	-0.0447
4.109	0.554	-0.0008	1.041	-0.0104	1.233	0.0158	2.141	-0.0196	2.761	-0.0241	3.235	-0.0238	4.089	0.0358	3.014	0.0045	4.522	0.0208	3.998	-0.0447
4.110	0.605	-0.0003	0.946	-0.009	1.672	0.0287	1.517	-0.0157	1.965	-0.0228	2.894	0.0478	2.933	0.0344	4.655	0.0588	3.408	0.0367	4.945	0.0701
4.111	0.554	-0.0042	0.844	-0.009	1.909	0.0192	1.458	-0.0006	2.822	-0.0075	3.422	0.0499	2.983	0.0344	4.946	0.0587	4.963	0.0211		
4.112	0.554	-0.0042	0.844	-0.009	1.909	0.0192	1.458	-0.0006	2.822	-0.0075	3.422	0.0499	2.983	0.0344	4.946	0.0587	4.963	0.0211		
4.113	0.598	-0.0008	0.948	-0.009	1.681	0.0287	1.523	-0.0157	1.965	-0.0228	2.894	0.0478	2.933	0.0344	4.655	0.0588	3.408	0.0367	4.945	0.0701
4.114	0.445	-0.0042	0.742	-0.0037	1.74	0.0148	1.020	-0.0004	2.203	-0.0177	3.725	0.0142	4.47	-0.0308	4.243	0.0462	4.963	0.0241		
4.115	0.393	-0.0042	0.707	-0.0058	1.569	0.0154	2.284	0.0339	2.684	0.0455	3.255	-0.0302	3.659	0.0592	3.802	-0.0407	4.963	0.0385		
4.116	0.399	-0.0042	0.709	-0.0081	1.556	0.0154	2.284	0.0339	2.684	0.0455	3.255	-0.0302	3.659	0.0592	3.802	-0.0407	4.963	0.0385		
4.117	0.445	-0.0042	0.737	-0.0037	1.51	0.0154	2.284	0.0339	2.684	0.0455	3.255	-0.0302	3.659	0.0592	3.802	-0.0407	4.963	0.0385		
4.118	0.445	-0.0042	0.737	-0.0037	1.51	0.0154	2.284	0.0339	2.684	0.0455	3.255	-0.0302	3.659	0.0592	3.802	-0.0407	4.963	0.0385		
4.119	0.445	-0.0042	0.737	-0.0037	1.51	0.0154	2.284	0.0339	2.684	0.0455	3.255	-0.0302	3.659	0.0592	3.802	-0.0407	4.963	0.0385		
4.120	0.445	-0.0042	0.737	-0.0037	1.51	0.0154	2.284	0.0339	2.684	0.0455	3.255	-0.0302	3.659	0.0592	3.802	-0.0407	4.963	0.0385		
4.121	0.445	-0.0042	0.737	-0.0037	1.51															

4.253	0.402	-0.0042	0.7	0.0049	1.695	-0.0151	3.24	0.0351	2.989	0.0432	3.308	-0.0296	3.458	0.0569	3.866	0.0407	4.963	0.0481	4.963	-0.0498
4.253	0.357	-0.0036	0.82	0.0145	1.424	-0.0151	2.968	0.0327	2.977	0.0295	4.063	0.0569	3.451	-0.0404	4.963	0.0571	4.963	-0.051		
4.254	0.338	0.0003	1.004	0.0145	1.265	0.0145	2.394	0.0311	3.061	0.0012	4.394	0.0594	3.083	-0.0299	4.963	0.0479	4.963	-0.0507		
4.255	0.376	0.0011	1.037	0.0133	1.444	0.0145	2.170	0.0298	2.232	0.0238	2.361	0.0203	4.239	0.0382	3.295	0.0309	4.963	0.0483	4.963	-0.0503
4.256	0.466	0.0103	1.174	-0.0042	1.161	0.007	1.955	0.0196	2.547	0.0244	2.233	-0.0042	3.815	0.0383	3.207	0.039	4.126	0.0462	4.963	0.0377
4.257	0.57	0.0097	1.068	-0.0087	1.338	0.0215	1.742	-0.0196	2.282	0.0247	2.407	0.0245	3.432	-0.0365	3.888	0.082	3.688	0.0423	4.963	0.0375
4.258	0.6	0.000	1.622	-0.0003	1.622	0.0154	1.545	0.0196	2.054	0.0208	2.629	0.0456	3.504	-0.0315	4.558	0.0263	4.311	0.0452	4.963	0.0313
4.259	0.544	-0.0042	0.863	-0.009	1.885	0.0181	1.461	0.0203	1.835	0.0143	3.533	0.0268	2.737	0.0209	4.233	0.0381	3.591	0.0381	4.963	0.0453
4.260	0.497	-0.0042	0.763	-0.009	1.904	0.0204	1.583	0.0173	1.867	0.0103	3.708	0.0239	2.643	0.0215	4.741	-0.0338	4.139	0.0617	4.963	0.0453
4.261	0.443	-0.0042	0.889	-0.0051	1.771	0.0145	2.048	0.018	2.141	0.0318	1.63	0.0151	2.015	-0.0196	2.913	0.0404	4.963	0.0477	4.963	-0.0214
4.262	0.398	0.0002	1.202	0.005	1.504	0.0145	2.330	0.0145	2.581	0.0249	3.237	0.0209	3.448	0.0267	4.563	0.0241	4.963	0.0465	4.963	0.0465
4.263	0.351	-0.0033	0.81	0.0142	1.43	-0.0154	2.472	0.0151	2.967	0.0333	2.967	-0.0302	4.053	0.0562	3.445	0.0111	4.963	0.0516	4.963	0.0467
4.264	0.335	0.0003	0.992	0.0185	1.27	0.0148	2.391	0.0157	2.967	0.0307	2.643	-0.0302	4.394	0.0563	3.081	0.0203	4.963	0.0467	4.963	-0.0507
4.265	0.379	0.0007	1.118	0.0119	1.446	0.0145	2.046	0.0145	2.317	0.0245	2.581	0.0203	4.221	0.0203	3.259	0.0159	4.112	0.0465	4.963	0.0465
4.266	0.469	0.0103	1.169	-0.0042	1.16	0.0084	1.951	0.0196	2.556	-0.0285	2.221	-0.0045	3.828	0.0356	3.287	0.0381	4.126	0.0462	4.963	0.0384
4.267	0.576	0.01	1.064	-0.0087	1.334	0.0209	1.74	0.0196	2.29	0.0205	2.39	0.0245	3.442	-0.0359	3.876	0.082	3.686	0.0423	4.963	0.0377
4.268	0.606	0	0.961	-0.009	1.614	0.0281	1.54	0.0281	2.033	0.0238	2.814	0.0456	3.304	-0.0356	4.554	0.0628	3.408	0.0495	4.963	0.0375
4.269	0.555	-0.0039	1.38	-0.009	1.778	0.0204	1.453	0.0203	1.84	0.0236	3.344	0.0251	2.738	0.0274	4.274	0.0373	3.557	0.0373	4.963	0.0378
4.270	0.504	-0.0045	0.761	-0.009	1.928	0.021	1.573	0.017	1.863	0.0251	3.709	0.0251	2.641	0.0251	4.751	-0.0332	4.125	0.0614	4.963	0.0438
4.271	0.45	-0.0042	0.687	-0.0051	1.765	0.0148	1.864	0.0215	3.642	0.0215	2.904	0.0241	4.311	0.0401	4.879	0.047	4.963	0.0423	4.963	0.0423
4.272	0.4	0.0002	1.242	0.007	1.606	0.0244	1.506	0.0244	2.346	0.0249	3.237	0.0209	3.441	0.0249	4.261	0.0359	3.449	0.0453	4.963	0.0453
4.273	0.357	-0.0036	0.816	0.0142	1.425	-0.0154	2.472	0.0196	2.963	0.0339	2.977	-0.0302	4.046	0.0571	3.457	-0.0401	4.963	0.0493	4.963	-0.051
4.274	0.336	0	0.999	0.0188	1.266	0.0148	2.396	-0.0157	3.073	0.0009	2.656	0.0299	4.4	0.0215	3.089	0.0365	4.963	0.0447	4.963	-0.0507
4.275	0.375	0.0001	1.168	0.0133	1.444	0.0144	2.144	0.0196	2.841	0.0205	3.611	0.0265	2.339	0.0233	4.234	0.0464	3.078	0.0368	4.963	0.0448
4.276	0.493	0.005	1.173	-0.0039	1.553	0.0204	1.506	0.0196	2.585	0.0245	3.239	0.0248	3.443	0.0265	4.309	0.0509	3.704	0.0394	4.963	0.0453
4.277	0.568	0.01	1.074	-0.0084	1.332	0.0209	1.745	-0.0196	2.29	0.0247	2.906	0.0242	3.457	0.0356	3.871	0.0617	4.021	0.0475	4.963	0.0375
4.278	0.598	-0.0003	0.971	0.0196	1.614	0.0284	1.548	0.0169	2.041	0.0241	2.819	0.0453	3.079	0.0356	4.545	0.0629	4.484	0.0473	4.963	0.0373
4.279	0.549	0.0009	1.299	0.0089	1.779	0.0204	1.503	0.0203	2.303	0.0249	3.235	0.0238	3.704	0.0354	3.204	0.0358	3.598	0.0309	4.963	0.0451
4.280	0.496	-0.0045	0.768	-0.0087	1.936	0.021	1.571	0.0097	2.871	0.0231	3.711	0.0257	3.651	0.0303	4.762	0.0328	4.122	0.0614	4.963	0.0451
4.281	0.444	-0.0042	0.693	-0.0054	1.722	0.0145	1.863	0.0215	2.315	0.0247	2.903	0.0241	4.322	0.0404	4.878	0.047	4.963	0.0423	4.963	0.0423
4.282	0.394	0.0002	1.242	0.007	1.604	0.0204	1.603	0.0204	2.330	0.0243	3.212	0.0201	3.447	0.0301	4.407	0.0409	4.493	0.0401	4.963	0.0401
4.283	0.356	-0.0033	0.811	0.0136	1.433	0.0154	2.477	0.0196	2.957	0.0339	2.982	0.0252	4.628	0.0562	3.465	0.0393	4.963	0.0451	4.963	-0.051
4.284	0.334	0.0006	0.99	0.0185	1.272	0.0145	2.048	-0.0157	3.067	0.0003	2.658	0.0299	4.384	0.0218	3.095	-0.0305	4.963	0.0447	4.963	-0.0507
4.285	0.378	0.0004	1.157	0.0133	1.44															

4.37	0.655	0.01	1.086	-0.0084	1.206	0.0188	1.775	-0.0196	2.357	-0.025	2.361	0.0203	3.567	0.0365	3.768	0.0592	3.752	0.0444	4.051	0.0393
4.38	0.6	0	0.984	-0.0093	1.564	0.0275	1.574	-0.0178	2.094	-0.0241	2.75	0.0432	3.188	0.0353	4.45	0.0653	4.342	0.0217	4.724	0.0722
4.39	0.55	-0.009	0.879	-0.009	1.845	0.0248	1.461	-0.0051	1.875	-0.0178	3.272	0.0511	2.829	0.0358	3.507	0.0515	4.963	0.0197	4.963	0.081
4.40	0.499	-0.0045	0.778	-0.0007	1.549	0.0291	1.545	-0.0021	1.833	-0.0027	3.679	0.0203	2.433	0.0359	3.590	0.0505	4.933	0.0423	4.933	0.0423
4.41	0.446	-0.0042	0.698	-0.006	1.809	0.0146	1.824	-0.0029	2.047	-0.0096	3.675	-0.0124	2.774	0.0223	4.383	-0.0401	4.734	0.0743	4.963	0.0205
4.42	0.396	-0.0045	0.887	0.0022	1.636	0.0154	2.186	0.0351	2.441	0.0411	3.35	0.0299	3.228	0.0502	3.947	0.0647	4.963	0.0571	4.963	0.0501
4.43	0.352	-0.0003	0.785	0.0127	1.467	0.0154	2.457	0.0194	2.457	0.0195	3.019	-0.0059	3.659	0.0203	3.554	0.0559	4.963	0.0241	4.963	0.0205
4.44	0.333	-0.0003	0.981	0.0102	1.551	0.0149	1.551	0.0103	1.551	0.0103	2.609	0.0203	3.609	0.0203	4.32	0.0348	4.963	0.0438	4.963	0.0501
4.45	0.375	0.0084	1.14	0.0157	1.166	0.0108	2.206	-0.0193	2.905	-0.0223	2.392	0.0437	4.347	-0.0274	2.98	0.0448	4.713	0.0462	3.976	0.0426
4.46	0.486	0.0084	1.003	-0.0012	1.182	0.0151	1.144	0.0031	1.985	0.0196	2.632	-0.0244	2.228	-0.009	3.367	0.0327	4.425	-0.0465	3.78	-0.0066
4.47	0.379	0.01	1.281	0.0084	1.209	0.0104	1.723	0.0196	2.345	0.0241	2.344	0.0245	3.503	0.0359	3.753	0.0441	4.355	0.0393	4.355	0.0393
4.48	0.607	0.0008	0.978	-0.009	1.551	0.0275	1.571	-0.0178	2.102	-0.0241	2.736	0.0435	3.2	0.0358	4.442	0.0658	4.342	0.022	4.724	0.0725
4.49	0.559	-0.0042	0.875	0.009	1.836	0.0248	1.456	0.0051	1.875	0.0181	3.264	0.0517	2.84	0.0328	4.498	0.059	4.963	0.0195	4.963	0.0205
4.50	0.496	-0.0042	0.776	-0.000	1.542	0.0144	1.537	0.0024	1.833	0.0027	3.679	0.0211	2.434	0.0347	4.245	-0.0235	3.986	0.0462	4.963	0.0462
4.51	0.454	-0.0045	0.995	-0.009	1.801	0.0146	1.812	0.0030	2.041	0.0208	3.688	-0.0117	2.767	0.0224	4.392	0.0398	4.722	0.0704	4.963	0.0223
4.52	0.403	-0.0038	0.887	0.0027	1.63	0.0151	1.63	0.0151	2.175	0.0354	2.432	0.0408	3.363	-0.029	3.217	0.0408	4.049	0.0583	4.963	0.0501
4.53	0.357	-0.0036	0.779	0.013	1.46	0.0154	2.457	0.02	2.867	0.0303	3.503	0.0301	3.031	0.0569	3.531	0.0401	4.963	0.0207	4.963	0.0205
4.54	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.55	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.56	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.57	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.58	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.59	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.60	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.61	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.62	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.63	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.64	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.65	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.66	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.67	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.68	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.69	0.333	-0.003	0.981	0.0157	1.208	0.0104	1.208	0.0104	1.208	0.0104	2.707	0.0208	3.209	0.0208	3.412	0.0401	4.031	0.0501	4.963	0.0501
4.70	0.333	-0.003	0.981	0.01																

4.03	0.399	-0.038	0.681	0.008	1.672	-0.0151	3.13	0.035	2.326	0.0384	3.399	-0.039	3.035	0.0423	4.021	-0.041	4.963	0.065	4.963	-0.0498
4.02	0.352	-0.036	0.761	0.012	1.499	-0.0154	2.423	0.028	2.761	0.0428	3.067	-0.035	3.611	0.0583	3.596	-0.0404	4.963	0.0145	4.962	-0.0513
4.04	0.334	-0.003	0.928	0.0175	1.336	-0.0154	2.454	-0.006	3.061	0.0197	4.185	-0.0299	4.185	0.0505	4.185	-0.0368	4.963	-0.024	4.435	-0.0504
4.05	0.373	-0.038	0.898	0.0173	1.137	-0.0124	2.343	0.0103	2.935	0.0179	2.424	-0.0203	4.403	0.0273	3.979	-0.0111	4.963	0.0462	4.432	-0.0492
4.06	0.461	0.0103	0.022	1.189	0.022	1.138	0	0.0199	2.708	0.0241	2.233	-0.013	4.112	0.0332	3.142	-0.0232	4.963	0.0462	4.322	-0.0492
4.07	0.567	0.0103	1.102	-0.0084	1.249	0.018	1.805	-0.0196	2.438	0.0247	2.304	0.0157	3.722	0.0356	3.65	0.0559	4.963	0.0411	3.761	0.0404
4.08	0.600	0.008	0.966	-0.009	1.498	0.0133	1.498	-0.019	2.174	0.0247	2.667	0.0402	3.535	0.0559	3.471	0.0685	4.963	0.0411	4.765	0.0478
4.09	0.546	-0.042	0.894	-0.009	1.738	0.0271	1.501	0.0201	2.599	0.0214	3.179	0.0154	4.264	0.0356	3.443	-0.0151	4.963	0.0462	4.303	0.0478
4.10	0.508	-0.042	0.796	-0.009	1.944	0.0085	1.513	0.0109	1.821	0.0098	2.676	0.0366	3.67	0.0214	4.887	0.013	4.963	0.0502	4.963	0.0375
4.11	0.508	-0.042	0.796	-0.009	1.944	0.0085	1.513	0.0109	1.821	0.0098	2.676	0.0366	3.67	0.0214	4.887	0.013	4.963	0.0502	4.963	0.0375
4.12	0.455	-0.045	0.891	-0.009	1.672	0.012	1.672	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.13	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.14	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.15	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.16	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.17	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.18	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.19	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.20	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.21	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.22	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.23	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.24	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.25	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.26	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.27	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.28	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.29	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.30	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.31	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.32	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.33	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.34	0.393	-0.038	0.681	0.012	1.581	0.0124	1.581	0.0124	2.151	0.0179	2.315	0.0154	3.471	0.0305	3.222	0.0402	4.963	0.0462	4.493	0.0478
4.35	0.393	-0.038	0.681	0.012	1.581	0.0124	1.58													

4.807	0.664	0.0106	1.117	-0.0081	1.216	0.0127	1.835	-0.0196	2.508	-0.025	2.273	0.0109	3.857	0.0356	3.541	0.052	3.94	0.0456	4.105	0.0436
4.808	0.662	0.0015	1.013	-0.009	1.444	0.0251	1.628	-0.019	2.245	-0.0241	2.589	0.0375	3.473	0.0356	4.202	0.0509	3.524	0.0247	4.801	0.0734
4.809	0.662	-0.0039	0.968	-0.009	1.739	0.0281	1.473	-0.018	1.989	-0.0225	3.093	0.0508	3.095	0.053	3.795	0.0487	3.415	0.0212	4.963	0.0783
4.811	0.511	0.0005	1.211	0.009	1.224	0.0233	1.402	-0.017	1.237	-0.0205	3.503	0.0417	3.429	0.052	3.741	0.0487	3.493	0.0251	4.963	0.0783
4.811	0.457	-0.0042	0.717	-0.0075	1.873	0.0234	1.716	-0.014	1.898	0.0199	3.734	0.0204	2.834	0.0201	4.546	-0.0388	4.404	0.0995	4.963	0.0232
4.812	0.408	-0.0045	0.877	-0.0009	1.697	0.0148	2.065	0.0354	2.204	0.0345	3.463	-0.0287	2.866	0.0315	4.109	-0.0407	4.963	0.0501	4.963	0.0707
4.813	0.562	-0.0038	0.744	0.01	1.526	0.0154	2.014	0.0275	2.655	0.0405	3.133	-0.0203	3.138	0.0205	3.879	0.0467	4.265	0.0279	4.963	0.0507
4.814	0.339	0.0006	0.903	0.0173	1.509	0.0191	1.473	0.0204	1.511	0.0203	2.809	-0.0203	3.139	0.0205	3.868	0.0466	4.263	0.0279	4.963	0.0507
4.814	0.367	0.0055	1.063	0.0185	1.208	0.0136	2.276	-0.019	3.054	-0.0098	2.49	-0.0209	4.384	0.0257	2.996	-0.0175	4.963	0.0404	4.963	0.0404
4.815	0.367	0.0097	1.197	0.0055	1.131	0.005	2.059	-0.003	2.789	-0.0238	2.258	-0.0196	4.267	0.0253	3.008	0.0191	3.768	-0.0265	4.963	0.0404
4.817	0.559	0.0003	1.137	0.0081	1.214	0.0231	1.581	0.0203	2.515	0.0205	2.291	0.0119	3.771	0.0303	3.615	0.0249	3.540	0.0449	4.263	0.0404
4.818	0.601	0.0015	1.022	-0.0093	1.444	0.0281	1.835	-0.019	2.252	-0.0244	2.596	0.0369	3.495	0.0365	4.199	0.0652	3.53	0.0235	4.963	0.0743
4.819	0.554	0.0038	0.918	-0.009	1.739	0.0281	1.477	-0.018	1.997	-0.0225	3.097	0.0508	3.109	0.053	4.795	0.0487	3.415	0.0212	4.963	0.0792
4.820	0.452	0.0042	0.817	0.009	1.508	0.0234	1.466	0.0203	1.833	0.0206	3.506	0.0414	3.795	0.0303	4.346	0.0201	3.770	0.0246	4.963	0.0293
4.821	0.445	-0.0042	0.724	-0.0075	1.88	0.0121	1.723	0.0287	1.904	0.0198	3.736	0.0207	2.64	0.0204	4.507	-0.0389	4.399	0.0662	4.963	0.0237
4.822	0.4	-0.0042	0.68	-0.0012	1.705	0.0151	2.07	0.0351	2.205	0.0339	3.468	-0.0287	2.87	0.0308	4.12	-0.0407	4.963	0.0713	4.963	0.0551
4.823	0.356	-0.0033	0.74	0.0097	1.533	0.0157	2.401	0.0279	2.633	0.0445	3.137	0.0202	3.373	0.0538	3.668	-0.0407	4.963	0.0287	4.963	0.0501
4.823	0.333	0.0003	0.984	0.0197	1.507	0.0191	1.537	0.0203	1.805	0.0207	2.899	0.0203	3.381	0.0203	3.773	-0.0383	4.963	0.0247	4.963	0.0501
4.824	0.369	0.0058	1.083	0.0182	1.213	0.018	2.045	-0.019	3.045	0.0083	2.493	-0.0203	4.375	0.0257	3.003	-0.0178	4.963	0.0459	3.997	0.0407
4.825	0.455	0.0103	1.187	0.0055	1.133	0.0233	2.094	-0.0196	2.762	-0.0241	2.259	0.0242	4.262	0.0247	3.086	0.0191	3.764	0.0465	4.963	0.0201
4.826	0.349	0.0003	1.133	0.0081	1.171	0.0201	1.524	0.0204	1.841	0.0204	2.511	0.0204	3.381	0.0203	3.623	0.0203	3.773	0.0246	4.963	0.0507
4.827	0.349	0.0019	1.011	-0.009	1.438	0.0248	1.838	-0.019	2.248	-0.0247	2.591	0.0368	3.481	0.0257	2.996	0.0175	3.542	0.0459	4.963	0.0704
4.829	0.565	-0.0042	0.908	-0.009	1.734	0.0284	1.479	-0.0114	1.99	-0.0232	3.089	0.0508	3.102	0.056	4.786	0.0487	3.423	0.0278	4.963	0.0404
4.831	0.512	-0.0042	0.81	-0.0007	1.938	0.0219	1.496	0.0207	1.823	0.0208	3.578	0.0411	3.774	0.0303	4.203	0.0223	3.623	0.0454	4.963	0.0504
4.831	0.449	0.0042	0.79	0.0075	1.581	0.0281	1.588	0.0203	2.598	0.0205	3.729	0.0303	4.239	0.0303	4.548	0.0498	4.393	0.0696	4.963	0.0703
4.832	0.41	-0.0042	0.675	-0.0009	1.706	0.0151	2.062	0.0351	2.191	0.0309	3.465	-0.0287	2.852	0.0205	4.109	-0.0404	4.963	0.0551	4.963	0.0507
4.833	0.363	0.0039	0.739	0.0088	1.534	0.0154	2.392	0.0275	2.621	0.0405	3.131	0.0202	3.355	0.0535	3.668	0.0407	4.963	0.0281	4.963	0.0501
4.834	0.338	0.0003	0.985	0.0197	1.507	0.0191	1.537	0.0203	1.803	0.0207	2.899	0.0203	3.387	0.0203	3.773	0.0303	4.399	0.0694	4.963	0.0703
4.835	0.367	0.0052	0.887	0.0182	1.214	0.018	2.045	-0.019	3.055	0.0051	2.499	-0.0203	4.378	0.0275	2.993	-0.0184	4.922	0.0459	3.929	0.0404
4.836	0.451	0.0057	1.196	0.0061	1.136	0.0153	2.036	0.0345	2.655	0.0405	3.135	0.0202	3.255	0.0305	3.699	0.0405	4.229	0.0229	4.963	0.0508
4.837	0.455	0.0015	1.023	0.0081	1.171	0.0201	1.524	0.0204	1.841	0.0204	2.511	0.0204	3.373	0.0205	3.773	0.0305	4.399	0.0694	4.963	0.0704
4.838	0.553	-0.0042	0.918	-0.0009	1.735	0.0281	1.475	-0.0111	2.003	-0.0225	3.084	0.0508	3.124	0.056	4.786	0.0455	3.405	0.0203	4.963	0.0505
4.839	0.501	0.0042	0.82	0.0007	1.937	0.0139	1.422	0.0201	1.823	0.0208	3.578	0.0423	3.774	0.0309	4.274	0.0229	3.623	0.0454	4.963	0.0505

4.93	0.409	-0.038	0.677	-0.0034	1.73	-0.0154	2.009	0.0345	2.102	0.0209	3.513	-0.0278	2.744	0.02	4.183	-0.0404	4.963	0.0373	4.963	-0.0501
4.93	0.363	-0.008	0.724	0.0085	1.566	-0.0154	2.359	0.0305	2.516	0.0423	3.182	-0.0299	3.176	0.0484	3.753	-0.0407	4.963	0.0393	4.968	-0.051
4.94	0.338	-0.008	0.872	0.0163	1.39	-0.0154	2.484	0.004	2.934	0.0363	2.854	-0.0305	3.775	0.0599	3.336	-0.0395	4.963	-0.022	4.372	-0.0504
4.95	0.333	-0.008	0.869	0.0163	1.223	-0.0154	2.421	0.042	2.311	0.0363	2.563	-0.0303	3.301	0.0411	3.023	-0.0335	4.963	-0.023	4.338	-0.0508
4.96	0.445	0.037	1.162	0.0085	1.304	-0.008	2.09	0.0193	2.866	-0.0232	2.28	-0.0199	4.371	0.0266	3.032	0.0127	4.533	0.0465	3.77	0
4.97	0.562	0.0103	1.144	-0.0075	1.184	0.01	1.875	0.0199	2.591	-0.0205	2.256	0.0084	4.01	0.0344	3.432	0.0472	4.048	0.0469	4.116	0.0456
4.98	0.602	0.0202	1.037	-0.009	1.39	0.0233	1.862	0.0204	2.504	-0.0207	2.533	0.0336	3.602	0.0365	3.602	0.0265	4.533	0.0465	4.303	0.0472
4.99	0.566	-0.008	0.920	0.009	1.682	0.0209	1.493	0.0203	2.965	0.0241	3.015	0.0496	3.24	0.0366	4.713	0.0568	3.405	0.0278	4.963	0.0373
5	0.506	-0.0042	0.833	-0.0093	1.919	0.0175	1.48	0.0052	1.857	0.0248	3.524	0.0453	2.875	0.0335	4.963	0.0345	3.645	0.0333	4.963	0.0333
5.01	0.452	-0.0045	0.871	-0.0081	1.913	0.0075	1.876	0.0259	2.029	0.0207	2.647	0.0139	4.635	0.0465	4.963	0.0363	4.963	0.0347	4.963	0.0347
5.02	0.433	-0.0042	0.881	-0.0071	1.74	0.0161	2.043	0.0243	2.136	0.0206	3.517	0.0231	2.145	0.0243	4.593	0.0374	4.963	0.0354	4.963	0.0354
5.03	0.367	-0.0039	0.723	0.0079	1.569	-0.0154	2.363	0.0305	2.516	0.0423	3.184	-0.0302	3.17	0.0478	3.764	-0.0407	4.963	0.0399	4.914	-0.0507
5.04	0.333	-0.003	0.865	0.0157	1.398	-0.0154	2.484	0.004	2.929	0.0367	2.857	0.0287	3.764	0.0592	3.347	0.0407	4.963	0.0211	4.387	-0.0507
5.05	0.365	-0.002	1.023	0.0165	1.241	0.0145	2.316	0.0205	2.316	0.0205	2.537	0.0205	4.28	0.0368	3.631	0.0229	4.963	0.0365	4.963	0.0365
5.06	0.451	0.0103	1.162	0.0085	1.138	0.0083	2.094	0.0196	2.858	-0.0229	2.28	-0.0199	4.395	0.0263	3.003	0.0121	4.543	0.0465	3.785	0.0003
5.07	0.559	0.0106	1.134	-0.0075	1.182	0.0097	1.876	0.0199	2.585	-0.0247	2.255	0.0081	4.002	0.0344	3.434	0.0489	4.059	0.0462	4.131	0.0456
5.08	0.613	0.0224	1.029	-0.009	1.386	0.0223	1.666	0.0193	2.316	-0.0245	2.528	0.0333	3.618	0.0359	3.42	0.0644	3.813	0.0298	4.963	0.0468
5.09	0.568	-0.008	0.920	0.009	1.773	0.0209	1.493	0.0203	2.965	0.0241	3.009	0.0496	3.234	0.0365	3.411	0.0281	4.963	0.0374	4.963	0.0374
5.1	0.517	-0.0042	0.825	0.0087	1.915	0.0192	1.479	0.0049	1.849	0.0247	3.517	0.0157	3.517	0.0458	2.869	0.0358	4.952	0.0097	4.963	0.0327
5.11	0.462	-0.0045	0.873	-0.0081	1.915	0.0175	1.875	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.12	0.462	-0.0042	0.836	-0.009	1.916	0.0179	1.476	0.0046	1.861	0.0247	3.517	0.0157	3.517	0.0458	2.869	0.0358	4.952	0.0097	4.963	0.0327
5.13	0.462	-0.0045	0.873	-0.0084	1.913	0.0175	1.875	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.14	0.462	-0.0042	0.872	-0.0081	1.912	0.0175	1.874	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.15	0.462	-0.0045	0.873	-0.0084	1.913	0.0175	1.875	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.16	0.462	-0.0042	0.873	-0.0084	1.914	0.0175	1.876	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.17	0.462	-0.0045	0.873	-0.0084	1.915	0.0175	1.877	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.18	0.462	-0.0042	0.873	-0.0084	1.916	0.0175	1.878	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.19	0.462	-0.0045	0.873	-0.0084	1.917	0.0175	1.879	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.20	0.462	-0.0042	0.873	-0.0084	1.918	0.0175	1.880	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.21	0.462	-0.0045	0.873	-0.0084	1.919	0.0175	1.881	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.22	0.462	-0.0042	0.873	-0.0084	1.920	0.0175	1.882	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.23	0.462	-0.0045	0.873	-0.0084	1.921	0.0175	1.883	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.24	0.462	-0.0042	0.873	-0.0084	1.922	0.0175	1.884	0.0079	2.591	0.0204	2.015	0.0104	4.643	0.0377	3.477	0.0377	4.963	0.0327	4.963	0.0327
5.25	0.462	-0.0045	0.873																	

5.177	0.546	0.0106	1.162	-0.0086	1.163	0.007	1.905	-0.0199	2.662	-0.0347	2.241	0.0015	4.147	0.0323	3.335	0.0417	4.141	0.0482	4.137	0.0473
5.178	0.602	0.0024	1.056	-0.009	1.343	0.0215	1.693	-0.0145	2.15	-0.0244	2.476	0.003	3.756	0.0359	3.944	0.0635	3.681	0.0429	4.862	0.0709
5.179	0.559	0.0036	0.954	-0.009	1.627	0.0204	1.51	-0.0145	2.15	-0.0244	2.304	0.00481	3.373	0.0359	3.494	0.0607	3.411	0.0517	4.963	0.0777
5.180	0.507	0.0025	1.235	-0.0093	1.59	0.0198	1.602	-0.0145	1.855	-0.0210	3.437	0.00481	3.509	0.0353	4.452	0.0635	3.559	0.0506	4.933	0.0731
5.181	0.495	0.0042	0.752	-0.0084	1.934	0.003	1.035	-0.0215	1.832	-0.0096	3.738	0.018	2.696	0.0232	4.717	0.035	4.109	0.0607	4.963	0.0708
5.182	0.405	0.0045	0.686	-0.0042	1.77	0.0145	1.961	-0.0038	2.017	-0.0245	3.568	-0.0259	2.688	0.0073	4.728	-0.0404	4.863	0.0505	4.963	0.0501
5.183	0.559	0.0036	0.709	-0.0001	1.6	0.0101	2.310	-0.0237	2.311	-0.0096	3.255	-0.0203	2.991	0.0029	4.701	0.035	2.991	0.0508	4.963	0.0501
5.184	0.333	0.0006	0.837	-0.0045	1.623	0.0145	2.465	-0.0154	2.836	-0.0099	3.598	-0.0203	3.544	0.0021	4.721	0.0351	3.655	0.0401	4.963	0.0501
5.185	0.362	0.0052	1.023	0.0188	1.268	0.0148	2.349	-0.0178	2.072	-0.0196	2.585	-0.0209	4.132	0.0069	4.963	0.0447	3.908	0.0386	4.963	0.0473
5.186	0.446	0.0041	1.172	0.0109	1.146	0.0084	2.125	-0.0196	2.929	-0.0211	2.31	-0.0206	4.393	0.0118	4.052	0.0465	4.843	0.0518	4.963	0.0509
5.187	0.555	0.0029	1.151	0.0098	1.153	0.0023	1.503	-0.0207	2.657	-0.0214	2.24	-0.0201	4.139	0.0023	3.34	0.0403	4.157	0.0463	4.963	0.0509
5.188	0.612	0.0027	1.046	-0.009	1.338	0.0212	1.696	-0.0193	2.388	-0.0247	2.47	0.0029	3.75	0.0359	3.942	0.0629	3.694	0.0435	4.874	0.0756
5.189	0.57	0.0036	0.943	-0.009	1.621	0.0204	1.513	-0.0148	2.455	-0.0244	2.929	0.00481	3.365	0.0359	4.407	0.0604	3.425	-0.016	4.963	0.0771
5.190	0.417	0.0022	0.842	-0.0037	1.865	0.0148	2.465	-0.0179	1.851	-0.0206	3.444	0.00481	3.509	0.0353	4.437	0.0612	3.565	0.0404	4.963	0.0503
5.191	0.465	0.0042	0.745	-0.0084	1.933	0.0024	1.633	-0.0215	1.621	-0.0093	3.732	0.018	2.685	0.0241	4.703	0.0307	4.108	0.0604	4.963	0.0509
5.192	0.414	0.0048	0.68	-0.0036	1.771	0.0145	1.954	-0.0033	2.001	0.0239	3.562	-0.0259	2.654	0.0007	4.264	-0.0404	4.856	0.0374	4.963	0.0504
5.193	0.367	0.0036	0.706	0.0004	1.77	0.0154	2.31	-0.0237	2.83	-0.0245	3.211	-0.0202	2.97	0.0087	3.528	0.0407	4.963	0.0505	4.884	0.0501
5.194	0.333	0.0021	0.821	0.0154	1.43	0.0171	2.349	-0.0198	2.349	-0.0206	2.591	-0.0203	2.329	0.0077	3.459	0.0404	4.963	0.0501	4.909	0.0501
5.195	0.362	0.0049	1.028	0.0191	1.268	0.0148	2.342	-0.0178	3.074	0.0148	2.583	-0.0209	4.123	0.0538	3.056	0.0447	3.901	0.0383	4.963	0.0473
5.196	0.442	0.0094	1.18	0.0118	1.149	0.0081	2.341	-0.0196	2.941	-0.0211	2.305	-0.0229	4.404	0.0136	3.468	0.0468	3.784	0.0319	4.963	0.0509
5.197	0.443	0.0041	1.163	0.0086	1.164	0.0041	2.341	-0.0196	2.941	-0.0211	2.305	-0.0229	4.404	0.0136	3.468	0.0468	3.784	0.0319	4.963	0.0509
5.198	0.601	0.0027	1.057	-0.0084	1.342	0.0215	1.691	-0.0196	2.4	-0.0205	2.465	0.0096	3.774	0.0359	3.945	0.0629	3.681	0.0432	4.888	0.0756
5.199	0.559	-0.0039	0.955	-0.0003	1.622	0.0281	1.508	-0.0148	2.136	-0.0241	2.923	0.00481	3.387	0.0359	4.507	0.0617	3.403	0.0186	4.963	0.0501
5.200	0.507	0.0042	0.853	-0.009	1.866	0.0218	1.466	-0.0156	2.153	-0.0244	3.446	0.00481	3.515	0.0359	4.494	0.0617	3.404	0.0204	4.963	0.0503
5.201	0.404	0.0039	0.688	-0.0042	1.771	0.0145	1.952	-0.0033	2.008	0.0239	3.572	-0.0259	2.683	0.0064	4.286	-0.0407	4.841	0.0372	4.963	0.0504
5.202	0.393	0.0039	0.707	0.0042	1.771	0.0145	1.952	-0.0033	2.011	0.0239	3.29	-0.0259	2.311	0.0075	3.575	0.0407	4.881	0.0372	4.963	0.0503
5.203	0.333	0.0026	0.824	0.0151	1.43	0.0151	1.623	-0.0211	2.349	-0.0206	3.293	0.0248	2.91	-0.0203	3.524	0.0308	3.963	0.0402	4.884	0.0501
5.204	0.361	0.0048	1.024	0.0185	1.271	0.0148	2.171	-0.0178	3.069	0.0157	2.596	-0.0209	4.104	0.0538	3.072	0.0368	4.963	0.0503	3.998	0.0383
5.205	0.361	0.0049	1.019	0.0188	1.27	0.0151	2.349	-0.0178	3.077	0.0151	2.598	-0.0206	4.117	0.0538	3.072	0.0367	4.963	0.0503	3.998	0.0383
5.206	0.444	0.0051	1.173	0.0118	1.173	0.0081	2.129	-0.0199	2.945	-0.0211	2.243	-0.0203	4.401	0.0142	3.505	0.0466	4.655	0.0465	4.963	0.0503
5.207	0.401	0.0031	1.023	-0.0067	1.338	0.0212	1.7	-0.0196	2.402	-0.0247	2.463	-0.0209	3.774	0.0353	3.962	0.0432	4.875	0.0756	4.963	0.0501
5.208	0.812	0.0031	1.051	-0.0087	1.331	0.0212	1.7	-0.0196	2.403	-0.0247	2.463	-0.0209	3.774	0.0353	3.962	0.0432	4.872	0.0756	4.963	0.0501
5.209	0.568	0.0042	0.949	-0.0003	1.613	0.0281	1.513	-0.0151	2.14	-0.0241	2.918	0.00481	3.391	0.0359	4.506	0.0614	3.425	0.0501	4.963	0.

5.863	0.406	-0.0042	0.691	-0.0054	1.801	-0.0145	1.91	0.0327	1.945	0.0185	3.621	-0.023	2.439	0.0048	4.365	-0.0404	4.708	0.074	4.963	-0.0507
5.863	0.362	-0.0039	0.699	0.0043	1.46	-0.0154	2.487	0.0127	2.718	0.0409	3.289	-0.0299	2.847	0.029	3.919	-0.0407	4.963	0.0595	4.87	-0.051
5.864	0.333	-0.0056	0.811	0.0136	1.46	-0.0154	2.487	0.0127	2.718	0.0409	3.289	-0.0295	3.341	0.0299	3.407	-0.0404	4.963	0.0549	4.342	-0.0507
5.865	0.339	-0.0039	0.902	-0.0045	1.205	-0.0154	2.370	0.0109	2.549	0.0224	3.234	-0.0203	3.349	0.0283	3.116	-0.0403	4.963	0.0545	3.655	-0.0511
5.866	0.443	0.0037	1.156	0.0113	1.161	-0.0108	2.157	0.0196	2.3	0.0145	2.345	-0.025	4.364	0.0281	2.901	-0.0018	4.741	0.0465	3.793	0.0037
5.867	0.55	0.0109	1.168	-0.0036	1.145	0.0037	1.936	-0.0199	2.728	-0.0241	2.233	-0.0204	4.279	-0.0217	3.248	0.0051	4.253	-0.0462	4.174	0.0467
5.868	0.413	-0.0037	1.062	-0.0009	1.205	-0.0138	2.799	0.0196	2.465	-0.0207	2.4	0.0257	3.057	-0.0155	3.879	0.0064	4.393	-0.0447	4.903	0.0793
5.869	0.573	-0.0042	1.24	-0.0009	1.566	0.0178	1.533	-0.0164	2.194	0.0204	2.653	-0.0246	3.102	-0.0056	3.444	0.0041	4.963	0.0543	4.963	0.0792
5.870	0.521	-0.0042	0.857	-0.0093	1.846	0.0245	1.463	-0.0009	1.944	0.0185	0.0499	-0.022	3.378	0.0256	3.126	0.0278	4.963	0.0578	4.963	0.0787
5.871	0.467	-0.0042	0.681	-0.0084	1.945	0.0242	1.598	0.0185	1.816	-0.0006	3.717	0.0224	2.773	-0.0302	4.733	-0.0284	3.073	0.055	4.963	-0.041
5.872	0.417	-0.0042	0.681	-0.0054	1.803	0.0245	1.593	0.0185	1.82	0.0145	2.303	0.0242	3.618	-0.0238	2.438	-0.0241	4.703	0.0534	4.963	0.0784
5.873	0.37	-0.0042	0.694	0.0046	1.63	-0.0154	2.298	0.0339	2.288	0.0366	3.282	-0.0299	2.826	0.0294	3.009	-0.041	4.963	0.0591	4.861	-0.0501
5.874	0.34	-0.0012	0.81	0.0142	1.459	0.0154	2.476	0.013	2.71	0.0432	2.951	-0.0302	3.321	0.0352	3.469	-0.0401	4.963	0.0549	4.342	-0.0507
5.875	0.481	-0.0046	0.995	-0.0016	1.246	0.0148	2.373	0.0172	3.1	0.0242	2.623	-0.0203	3.234	0.0265	3.463	-0.0403	4.963	0.0545	3.655	-0.0511
5.876	0.439	0.0094	1.164	0.0139	1.163	-0.0105	2.151	0.0196	3.012	0.0213	2.34	-0.0253	4.365	0.0293	2.975	-0.0234	4.73	0.0307	3.788	0.0037
5.877	0.544	0.0103	1.178	-0.0036	1.149	0.0037	1.933	-0.0202	2.739	-0.0241	2.227	-0.0207	4.301	0.0202	3.23	0.0351	4.239	-0.0465	4.168	0.0487
5.878	0.602	0.0031	1.073	-0.0057	1.3	0.0188	2.469	-0.0196	2.413	0.0247	3.017	-0.0257	3.911	-0.0105	3.769	0.0604	4.253	-0.0462	4.174	0.0467
5.879	0.593	-0.0042	1.271	-0.0029	1.569	0.0178	1.533	0.0203	2.303	0.0244	2.648	0.0246	3.123	-0.0265	4.445	-0.0208	4.532	0.0573	4.963	0.0792
5.880	0.509	-0.0042	0.867	-0.0009	1.846	0.0245	1.459	-0.012	1.958	0.0223	3.373	0.0502	3.144	0.0353	4.921	0.0293	3.48	0.0604	4.963	0.0578
5.881	0.456	-0.0045	0.769	-0.0087	1.945	0.0224	1.596	0.0185	1.844	-0.0006	3.717	0.0238	2.791	-0.0208	4.805	0.055	4.963	-0.0414	4.963	0.0578
5.882	0.481	-0.0042	0.861	-0.0051	1.803	0.0145	1.593	0.0203	1.807	0.0145	3.013	0.0203	3.444	-0.0244	4.464	0.0124	4.963	0.0504	4.963	0.0792
5.883	0.361	-0.0038	0.694	0.0037	1.83	-0.0154	2.298	0.0342	2.27	0.0363	3.288	-0.0299	2.831	0.0256	3.009	-0.041	4.963	0.0604	4.859	-0.0513
5.884	0.333	-0.0009	0.807	0.0136	1.459	0.0157	2.483	0.0133	2.709	0.0409	2.959	-0.0302	3.318	0.0526	3.504	-0.0404	4.963	0.0564	4.344	-0.0501
5.885	0.395	0.0049	0.988	0.0182	1.295	0.0145	2.381	0.0169	2.38	0.0242	2.634	-0.0295	3.502	0.0569	3.125	-0.0302	4.963	0.0435	3.886	-0.0511
5.886	0.443	-0.0037	1.157	0.0145	1.15	0.0159	2.159	0.0198	2.39	0.0244	2.348	0.0203	3.254	-0.0203	4.303	-0.0207	4.752	0.0465	3.79	0.004
5.887	0.55	0.0109	1.173	-0.0033	1.14	0.0181	1.942	-0.0199	2.742	-0.0241	2.228	-0.0203	4.307	0.0196	3.239	0.0345	4.264	-0.0465	4.172	0.0487
5.888	0.613	0.0037	1.069	-0.0004	1.065	0.0165	1.73	0.0185	2.471	0.0247	2.417	0.0257	3.915	0.035	3.795	0.0599	4.204	0.0465	4.903	0.0762
5.889	0.593	-0.0046	0.998	-0.0003	1.523	0.0239	1.559	0.0203	2.307	0.0244	2.645	0.0243	3.239	0.0355	4.452	-0.0267	4.452	0.0441	4.963	0.0573
5.890	0.512	-0.0042	0.867	-0.0029	1.554	0.0248	1.464	0.0212	1.957	0.0223	3.058	0.0508	3.148	0.0256	4.915	0.0268	3.485	0.016	4.963	0.0575
5.891	0.487	-0.0042	0.766	-0.0087	1.944	0.0245	1.459	0.0185	1.82	0.0182	2.301	0.0247	2.809	0.0314	4.813	-0.0258	3.935	0.0538	4.963	0.0447
5.892	0.401	-0.0042	0.768	-0.0087	1.95	0.0245	1.598	0.0185	1.805	0.0223	2.633	0.0223	3.633	0.0509	4.354	-0.0266	4.861	0.0544	4.963	0.0447
5.893	0.390	-0.0039	0.695	0.004	1.63	0.0157	2.476	0.0133	2.692	0.0402	3.207	0.0252	3.627	0.0509	4.455	-0.0269	4.455	0.0441	4.963	0.0573
5.894	0.338	-0.0015	0.811	0.0139	1.462	0.0157	2.483	0.0139	2.697	0.0429	3.205	0.0252	3.301	0.0523	4.963	-0.0264	4.311	0.0431	4.963	-0.0507
5.89																				

5.47	0.547	0.0106	1.18	-0.0006	1.137	0.0006	1.968	-0.0203	2.8	-0.0338	2.23	-0.0009	4.373	0.0033	3.176	0.0387	4.353	0.0465	4.196	0.0449
5.48	0.614	0.004	1.08	-0.0009	1.259	0.017	1.755	-0.0193	2.523	-0.0205	2.372	0.0218	4.024	0.0341	3.699	0.0568	3.872	0.0456	4.933	0.0768
5.49	0.575	-0.0036	0.978	-0.0009	1.513	0.0269	1.555	-0.0175	2.261	-0.0247	2.774	0.0447	3.637	0.0559	3.577	0.0568	4.963	0.0705	4.933	0.057
5.50	0.524	0.004	1.22	0.0009	1.303	0.0269	1.505	-0.0175	2.301	-0.0205	3.205	0.0511	3.254	0.0550	3.436	0.0508	4.933	0.0537	4.933	0.0537
5.51	0.469	-0.0042	0.775	-0.0004	1.948	0.073	1.508	0.0116	1.928	-0.0117	3.693	0.0281	2.886	0.0338	4.558	-0.0172	3.851	0.0487	4.963	0.0429
5.52	0.42	-0.0042	0.694	-0.0006	1.83	0.0139	1.851	0.0311	1.875	0.0121	3.684	-0.0154	2.641	-0.0116	4.427	0.0388	4.549	0.0463	4.963	0.0504
5.53	0.571	-0.0036	0.686	-0.0007	1.659	0.0154	1.654	0.0131	1.763	0.0107	3.533	-0.0205	2.216	0.0173	2.716	0.0369	3.869	0.0407	4.963	0.0459
5.54	0.339	0.004	1.05	-0.0017	1.754	0.0127	1.487	0.0144	1.645	0.0154	2.493	0.0432	3.005	0.0303	3.127	0.0305	4.464	0.0403	4.933	0.0501
5.55	0.358	0.0043	0.963	0.0018	1.324	0.0151	2.406	-0.0148	2.982	0.0318	2.679	-0.0299	3.72	0.0599	3.168	-0.0358	4.963	0.0414	3.873	0.0556
5.56	0.434	0.0088	1.144	0.0157	1.179	0.021	2.185	-0.0193	3.058	-0.0027	2.38	-0.0269	4.264	0.0441	2.971	0.0509	4.83	0.0459	4.046	0.0508
5.57	0.539	0.0109	1.151	-0.0003	1.339	0.0261	2.513	-0.0196	2.237	-0.0205	3.488	0.0321	3.148	0.0531	3.434	0.0445	4.437	0.0503	4.933	0.0503
5.58	0.602	-0.0037	1.091	-0.0084	1.261	0.017	1.752	-0.0193	2.537	-0.0247	2.368	0.0218	4.047	0.0341	3.883	0.0571	3.861	0.0466	4.933	0.0771
5.59	0.564	-0.0036	0.989	-0.0009	1.515	0.0266	1.552	-0.0175	2.273	-0.0244	3.656	0.0665	3.656	0.0535	3.477	0.0502	4.963	0.0493	4.963	0.0493
5.60	0.415	0.0042	0.844	-0.0009	1.566	0.0269	1.457	0.0201	2.509	-0.0205	3.29	0.0514	3.274	0.0508	3.446	0.0508	4.963	0.0521	4.963	0.0521
5.61	0.459	-0.0042	0.786	-0.0009	1.949	0.007	1.596	0.0163	1.836	0.0117	3.692	0.0237	2.805	0.0341	4.674	-0.0163	3.831	0.0449	4.963	0.0423
5.62	0.409	-0.0042	0.7	-0.0006	1.832	0.0136	1.85	0.0112	1.88	0.0112	3.688	-0.0145	2.657	0.0163	4.446	-0.0398	4.529	0.0519	4.963	0.0429
5.63	0.42	-0.0042	0.687	-0.0019	1.66	0.0154	2.217	0.0351	2.116	0.0127	3.338	-0.0299	2.722	0.0406	4.046	0.0406	4.963	0.0513	4.963	0.0504
5.64	0.333	0.0042	1.78	-0.0024	1.483	0.0173	2.173	0.0211	2.93	0.0249	3.009	0.0303	3.128	0.0509	3.864	-0.0204	4.963	0.0485	4.933	0.0504
5.65	0.396	0.0049	0.955	0.0182	1.324	0.0154	2.412	-0.0145	2.982	0.0318	2.684	0.0292	3.715	0.0592	3.184	-0.0365	4.963	0.0407	3.872	0.0503
5.66	0.436	0.0094	1.135	0.0116	1.179	0.021	2.186	-0.0196	3.061	0.0224	2.384	-0.0299	4.293	0.0451	2.983	0.0503	4.852	0.0462	3.873	0.0505
5.67	0.446	0.0042	1.22	-0.0003	1.531	0.0261	2.301	-0.0193	2.979	0.0318	2.679	-0.0299	3.236	0.0303	3.127	0.0509	4.455	0.0403	4.933	0.0503
5.68	0.612	0.0037	1.08	-0.0084	1.253	0.0167	1.758	-0.0193	2.54	-0.0247	2.365	0.0218	4.053	0.0341	3.886	0.0568	3.864	0.0456	4.933	0.0768
5.69	0.575	-0.0036	0.983	-0.0003	1.504	0.0266	1.556	-0.0172	2.276	-0.0244	2.764	0.0438	3.683	-0.0362	4.364	0.0569	3.494	0.0502	4.963	0.0762
5.70	0.523	-0.0045	0.879	-0.0007	1.707	0.0209	1.457	0.0217	2.017	0.0247	3.293	0.0517	3.28	0.0506	4.481	0.0384	3.445	0.0507	4.963	0.0454
5.71	0.419	-0.0042	0.698	-0.0006	1.833	0.0139	1.844	0.0154	2.119	0.0112	3.679	-0.0139	2.656	0.0169	4.447	-0.0398	4.529	0.0513	4.963	0.0457
5.72	0.371	-0.0039	0.687	-0.0009	1.661	0.0154	1.661	0.0154	2.211	0.0247	3.449	-0.0299	2.716	0.0411	4.011	0.0411	4.639	0.0507	4.933	0.0501
5.73	0.339	0.0042	1.78	-0.0023	1.505	0.0261	1.705	0.0127	1.801	0.0112	3.295	0.0305	3.112	0.0509	3.565	0.0501	3.501	0.0501	4.933	0.0501
5.74	0.459	-0.0042	0.765	-0.0003	1.501	0.0261	1.501	0.0112	1.801	0.0112	3.295	0.0305	3.112	0.0509	3.565	0.0501	3.501	0.0501	4.933	0.0501
5.75	0.575	-0.0036	0.96	0.0182	1.328	0.0154	2.415	-0.0154	2.973	0.0321	2.693	-0.0302	3.701	0.0566	3.165	0.0407	3.872	0.0503	4.963	0.0501
5.76	0.436	0.0094	1.135	0.0116	1.181	0.021	2.186	-0.0196	3.061	0.0224	2.384	-0.0299	4.259	0.0451	2.983	0.0503	4.852	0.0462	3.873	0.0505
5.77	0.437	-0.0036	0.94	-0.0004	1.503	0.0261	1.503	0.0112	1.801	0.0112	3.295	0.0305	3.112	0.0509	3.565	0.0501	3.501	0.0501	4.933	0.0501
5.78	0.604	0.004	1.09	-0.0087	1.257	0.0157	1.751	-0.0193	2.54	-0.0247	2.372	0.0215	4.054	0.0341	3.885	0.0568	3.864	0.0456	4.933	0.0774
5.79	0.566	-0.0039	0.987	-0.0003	1.51	0.0266	1.564	-0.0175	2.272	-0.0244	3.438	0.0356	3.684	-0.0356	4.354	0.0562	3.494	0.0501	4.963	0.0752
5.80	0.514	0.0042																		

5.72	0.421	-0.0042	0.703	-0.0073	1.862	-0.0133	1.804	0.0209	1.84	0.0052	3.697	-0.0081	2.407	-0.025	4.51	0.0392	4.384	0.0683	4.963	-0.0567
5.73	0.374	-0.0039	0.678	0.0012	1.889	-0.0151	2.164	0.0264	2.072	0.0281	3.38	-0.0296	2.649	-0.041	4.074	0.0016	4.963	0.0704	4.822	-0.0567
5.74	0.34	-0.0018	0.761	0.0112	1.519	-0.0157	2.448	0.0209	2.475	0.042	3.049	-0.0302	2.957	-0.0404	3.845	0.0287	4.297	0.0591	4.963	-0.0561
5.75	0.355	-0.0014	0.803	0.0103	1.523	-0.0149	2.459	0.0209	2.365	0.0281	2.722	-0.0232	3.308	-0.0321	3.235	0.0205	4.293	0.0594	4.963	-0.0564
5.76	0.428	0.0038	1.118	0.0173	1.202	0.0123	2.019	0.0193	3.085	0.0073	2.418	-0.0281	4.108	-0.0157	2.982	0.021	4.921	0.0573	3.802	0.0703
5.77	0.535	0.0109	1.197	0.0031	1.134	-0.018	1.995	-0.0199	2.893	-0.0226	2.232	-0.0198	4.404	0.0157	3.095	0.0218	4.065	0.0465	4.214	0.0514
5.78	0.601	-0.0046	1.11	-0.0054	1.231	0.0142	1.814	0.0142	1.781	0.0196	2.616	0.0179	2.019	0.0154	3.054	0.0157	3.494	0.0465	4.222	0.0514
5.79	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.80	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.81	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.82	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.83	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.84	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.85	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.86	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.87	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.88	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.89	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.90	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.91	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.92	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.93	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.94	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.95	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.96	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.97	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.98	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
5.99	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
6.00	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
6.01	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
6.02	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
6.03	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514
6.04	0.566	-0.0026	1.008	-0.0009	1.454	0.0203	1.544	0.0203	1.581	0.0203	2.019	0.0203	1.581	0.0203	3.054	0.0203	3.494	0.0465	4.222	0.0514

5.017	0.529	0.0106	1.07	0.0081	1.137	0.0045	2.037	-0.0196	2.965	-0.0203	2.246	-0.0148	4.36	0.0315	3.04	0.0445	4.537	0.0482	4.234	0.0626
5.018	0.601	0.0049	1.27	-0.0081	1.203	0.0242	1.607	-0.019	2.42	-0.0247	2.203	0.0133	4.312	0.0187	3.46	0.049	4.045	0.0469	4.963	0.0777
5.019	0.568	-0.0036	1.03	-0.009	1.422	0.0242	1.607	-0.023	2.56	-0.0244	2.631	0.0387	3.923	-0.0235	3.46	0.0656	3.599	0.0401	4.963	0.0731
5.020	0.519	0.0042	1.22	0.010	1.71	0.0239	1.607	-0.023	2.56	-0.0244	3.141	0.0311	3.535	-0.0265	3.74	0.0391	3.393	0.0307	4.963	0.0730
5.021	0.463	-0.0042	0.82	-0.0087	1.931	0.0157	1.751	0.0103	1.917	0.0202	3.612	0.039	3.155	0.0253	4.948	0.0502	3.619	0.0309	4.963	0.0444
5.022	0.415	-0.0042	0.74	-0.0081	1.894	0.0105	1.751	0.0278	1.83	-0.0015	3.727	-0.0012	2.806	0.0314	4.813	-0.038	4.221	0.065	4.963	0.0507
5.023	0.367	-0.0059	0.881	-0.0012	1.723	0.0148	1.723	0.0351	1.697	0.0251	3.44	0.0268	2.637	-0.0267	4.712	0.0407	4.963	0.0574	4.963	0.0507
5.024	0.335	0.0042	1.018	0.0024	1.646	0.0154	1.723	0.0251	1.731	0.0259	3.108	0.0304	2.637	0.0253	3.74	0.0407	4.963	0.0501	4.963	0.0501
5.025	0.351	0.0043	0.894	0.017	1.382	0.0151	2.494	-0.0048	2.808	0.042	2.779	-0.0302	3.301	0.052	3.26	0.0395	4.963	0.0535	3.854	0.0305
5.026	0.426	0.0043	1.13	0.0051	1.133	0.0244	2.355	-0.0187	2.965	-0.0203	2.247	-0.0244	3.914	-0.0214	4.963	-0.0445	4.234	0.0308	4.963	0.0508
5.027	0.555	0.0042	1.13	0.0051	1.133	0.0244	2.355	-0.0189	2.965	-0.0203	2.247	-0.0244	3.914	-0.0213	4.551	0.0445	4.234	0.0308	4.963	0.0508
5.028	0.611	0.0052	1.21	-0.0081	1.193	0.0112	1.818	-0.0196	2.693	-0.0244	2.292	0.0127	4.317	0.0178	3.465	0.0484	4.069	0.0469	4.963	0.0777
5.029	0.581	-0.0033	1.017	-0.009	1.422	0.0242	1.613	0.014	2.421	-0.0247	2.627	0.0387	3.929	-0.035	4.109	0.0653	4.963	0.0734	4.963	0.0507
5.030	0.525	0.0042	0.97	0.000	1.7	0.0245	1.607	-0.0205	2.15	-0.0244	3.116	0.0311	3.442	0.0268	3.46	0.0305	4.963	0.0501	4.963	0.0501
5.031	0.475	-0.0042	0.814	-0.0003	1.926	0.0116	1.598	-0.0205	1.919	0.0295	3.612	0.0396	3.161	0.0266	4.946	0.0505	3.629	0.0327	4.963	0.0441
5.032	0.425	-0.0045	0.72	-0.0075	1.894	0.0059	1.751	0.0275	1.828	-0.0021	3.734	-0.0003	2.807	0.0314	4.61	-0.0383	4.222	0.0444	4.963	0.0507
5.033	0.376	-0.0039	0.678	-0.0012	1.723	0.0151	1.985	0.0254	2.106	0.0224	3.437	0.0278	2.635	0.0375	4.712	-0.0407	4.963	0.0573	4.963	0.0507
5.034	0.328	0.0042	1.28	0.0021	1.554	0.0204	2.411	-0.0204	2.353	0.0267	3.103	0.0302	2.633	0.0257	3.74	0.0402	4.963	0.0501	4.963	0.0501
5.035	0.363	0.0037	0.897	0.017	1.382	0.0154	2.467	-0.0048	2.799	0.0423	2.788	-0.0302	3.289	0.0514	3.324	0.0395	4.963	0.0535	3.854	0.0305
5.036	0.423	0.0085	1.06	0.0185	1.225	0.0142	2.557	-0.019	2.073	0.0175	2.476	0.026	3.496	0.0592	3.016	0.0316	4.963	0.0505	3.854	0.0305
5.037	0.321	0.0042	1.09	0.0048	1.137	0.0211	2.431	-0.0205	2.353	0.0267	2.955	0.0302	2.635	0.0257	3.74	0.0402	4.963	0.0501	4.963	0.0501
5.038	0.351	0.0052	1.22	-0.0073	1.195	0.0109	1.816	-0.0196	2.698	-0.0241	2.895	0.0127	4.326	0.0157	4.448	0.0481	4.069	0.0462	4.963	0.0777
5.039	0.572	-0.0036	1.021	-0.009	1.415	0.0239	1.615	-0.019	2.42	-0.0247	2.629	0.0384	3.929	-0.035	4.059	0.0653	3.62	0.0407	4.963	0.0731
5.040	0.52	-0.0045	0.917	-0.009	1.705	0.0207	1.473	-0.0205	2.156	0.0244	3.137	0.0506	3.54	0.0359	4.73	0.0501	3.405	0.0400	4.963	0.0515
5.041	0.407	0.0042	0.97	0.0037	1.923	0.0116	1.533	0.0245	1.917	0.0205	3.604	0.0393	3.191	0.0353	4.465	0.0501	3.523	0.0307	4.963	0.0544
5.042	0.417	-0.0045	0.723	-0.0078	1.9	0.0096	1.723	-0.021	1.723	-0.0205	2.806	0.0314	4.61	-0.0383	4.214	0.0641	4.963	0.0507	4.963	0.0507
5.043	0.363	-0.0036	0.678	-0.0018	1.729	0.0154	1.985	0.0251	2.106	0.0224	3.437	0.0287	2.632	0.0378	4.712	-0.0407	4.963	0.051	4.811	0.0501
5.044	0.328	0.0042	1.28	0.0021	1.554	0.0204	2.411	-0.0204	2.353	0.0267	3.103	0.0302	2.633	0.0257	3.74	0.0402	4.963	0.0501	4.963	0.0501
5.045	0.352	0.0042	0.88	0.0167	1.387	0.0154	2.46	-0.0048	2.79	0.0423	2.777	-0.0302	3.277	0.0517	3.324	0.0392	4.963	0.0535	3.854	0.0305
5.046	0.428	0.0042	1.07	0.0185	1.231	0.0142	2.557	-0.0205	2.483	0.0192	3.467	0.0254	2.635	0.0302	3.74	0.0407	4.963	0.0501	4.963	0.0501
5.047	0.368	0.0042	1.21	0.007	1.137	0.0211	2.431	-0.0205	2.353	0.0267	2.955	0.0302	2.635	0.0257	3.74	0.0402	4.963	0.0501	4.963	0.0501
5.048	0.511	0.0052	1.22	-0.0073	1.122	0.0109	1.816	-0.0196	2.698	-0.0241	2.895	0.0127	4.326	0.0157	4.448	0.0481	4.069	0.0462	4.963	0.0777
5.049	0.579	-0.0036	1.01	-0.009	1.409	0.0236	1.61	-0.019	2.426	-0.0205	2.614	0.0384	3.942	-0.035	4.089	0.0653	3.619	0.0407	4.963	0.0725
5.050	0.526	0.0039	0.914</																	

6.102	0.417	-0.0045	0.739	-0.0081	1.019	0.006	1.71	0.0257	1.83	-0.0072	3.738	0.0056	2.915	0.0344	4.493	0.0359	4.081	0.0004	4.963	-0.0054
6.103	0.37	-0.0036	0.681	-0.0027	1.748	0.0148	2.058	0.0284	1.931	0.017	3.486	-0.021	2.611	0.0169	4.254	-0.0404	4.834	0.0747	4.788	-0.051
6.104	0.334	-0.0018	0.721	0.0073	1.579	0.0154	2.391	0.0281	2.258	0.006	3.156	-0.032	2.721	0.0157	3.819	0.041	4.963	0.052	4.268	-0.0498
6.105	0.35	-0.0017	0.603	0.016	1.407	0.0124	2.473	0.024	2.265	0.045	2.203	-0.032	3.118	0.036	3.44	-0.038	4.963	0.0403	3.497	-0.0326
6.106	0.421	0.0088	1.051	0.0188	1.249	0.0146	2.246	-0.019	3.04	0.0267	2.612	-0.026	3.705	0.0092	3.056	-0.0272	4.963	0.0447	3.809	0.01
6.107	0.53	0.0112	1.185	0.0088	1.137	0.0145	2.066	-0.0202	3.037	0.0198	2.266	-0.0181	4.25	0.0456	3.015	0.0073	4.963	0.0465	4.25	0.0532
6.108	0.61	0.0058	1.138	-0.0075	1.173	0.0063	2.096	-0.0196	2.765	0.0264	2.266	0.0083	4.265	0.0203	3.603	0.0412	4.161	0.0469	4.265	0.0783
6.109	0.564	-0.0026	1.024	-0.009	1.363	0.0204	1.841	0.0121	2.452	0.0247	2.602	0.0054	4.209	0.0241	3.976	0.036	4.963	0.0409	4.265	0.0725
6.110	0.531	-0.0042	0.929	-0.009	1.653	0.0287	1.476	-0.0114	2.226	0.0247	3.055	0.0055	3.688	0.0359	4.639	0.0169	4.963	0.0197	4.963	0.0197
6.111	0.479	-0.0042	0.83	-0.009	1.902	0.0107	1.49	-0.0113	1.974	0.0226	3.556	0.0438	3.286	0.0226	4.963	0.0157	4.963	0.045	4.963	-0.0054
6.112	0.421	-0.0042	0.734	-0.0091	1.33	0.0201	1.703	-0.0127	1.829	0.0205	3.745	0.0201	2.416	0.0241	4.533	0.0209	4.963	0.0307	4.963	0.0307
6.113	0.379	-0.0042	0.68	-0.0024	1.749	0.0148	2.053	0.0351	1.923	0.0193	3.497	-0.0234	2.658	0.0178	4.254	-0.0407	4.833	0.0743	4.792	-0.051
6.114	0.341	-0.0021	0.723	0.0079	1.579	0.0154	2.386	0.0287	2.251	0.0354	3.166	-0.0302	2.712	0.0151	3.82	-0.0407	4.963	0.052	4.268	-0.0501
6.115	0.351	-0.0011	0.661	0.019	1.41	0.0211	2.423	0.0203	2.615	0.0465	2.437	-0.0203	3.102	0.031	3.4	-0.038	4.963	0.0407	3.495	-0.0326
6.116	0.419	0.0088	1.057	0.0191	1.25	0.0145	2.267	-0.0187	3.033	0.0267	2.519	-0.0296	3.689	0.0092	3.065	-0.0274	4.963	0.0447	3.811	0.01
6.117	0.523	0.0109	1.189	0.0088	1.139	0.0059	2.07	-0.0196	3.032	0.0162	2.274	-0.0187	4.241	0.0459	3.011	0.0087	4.849	0.0462	4.254	0.0538
6.118	0.602	0.0058	1.144	-0.0072	1.175	0.0085	1.851	-0.0199	2.762	0.0241	2.273	0.0085	4.389	0.0468	3.015	0.0073	4.963	0.0465	4.25	0.0532
6.119	0.573	-0.0026	1.039	-0.009	1.363	0.0203	1.444	0.0203	2.489	0.0287	2.565	0.0231	3.689	0.0351	3.031	0.0083	4.794	0.0345	4.794	0.0323
6.120	0.523	-0.0042	0.934	-0.009	1.696	0.0234	1.483	-0.0114	2.228	0.0247	3.056	0.0459	3.671	0.0229	4.63	0.0172	4.963	0.0197	4.963	0.0197
6.121	0.468	-0.0045	0.833	-0.009	1.907	0.0107	1.494	-0.0122	1.972	0.0224	3.5	0.0226	3.59	0.0365	3.442	0.0245	4.963	0.0445	4.25	0.0545
6.122	0.419	-0.0042	0.742	-0.0091	1.278	0.0081	1.501	-0.0121	1.774	0.0224	2.773	0.0201	2.479	0.0226	4.403	0.0241	4.963	0.0445	4.25	0.0545
6.123	0.37	-0.0042	0.678	-0.0033	1.755	0.0148	2.054	0.0348	1.92	0.016	3.486	-0.0224	2.658	0.0178	4.254	-0.0407	4.833	0.0743	4.792	-0.051
6.124	0.338	-0.0018	0.718	0.0073	1.585	0.0157	2.386	0.0281	2.245	0.0306	3.155	-0.0302	2.704	0.0145	3.819	-0.0407	4.963	0.052	4.273	-0.0501
6.125	0.351	0.0037	0.864	0.016	1.41	0.0154	2.481	0.0286	2.477	0.0305	2.828	0.0265	3.092	0.0447	3.402	0.0208	4.963	0.0501	4.303	0.0203
6.126	0.439	-0.0021	1.053	-0.0191	1.449	0.0149	2.386	0.0289	2.323	0.0303	3.552	-0.0296	3.658	0.0362	3.022	0.0444	4.963	0.0445	3.851	0.01
6.127	0.529	0.0109	1.181	0.0091	1.143	0.0072	2.065	-0.0196	2.62	0.0241	2.234	0.0079	4.233	0.0469	3.006	0.0084	4.849	0.0462	4.26	0.0535
6.128	0.601	0.0081	1.139	-0.0072	1.173	0.0079	1.852	0.0199	2.774	0.0241	2.266	0.0079	4.403	0.047	3.431	0.0115	4.963	0.0462	4.279	0.0783
6.129	0.573	-0.0026	1.024	-0.009	1.30	0.0203	1.547	0.0224	2.53	0.0325	2.557	0.0205	3.689	0.0365	3.022	0.0435	4.963	0.0445	3.852	0.0323
6.130	0.521	-0.0045	0.942	-0.0093	1.648	0.0287	1.453	-0.0121	2.239	0.0244	3.045	0.0459	3.695	0.0256	4.622	0.0607	3.419	0.0181	4.963	0.0197
6.131	0.486	-0.0042	0.831	-0.009	1.698	0.0207	1.477	-0.0117	2.232	0.0241	3.04	0.0505	3.688	0.0362	4.624	0.0602	3.413	0.0185	4.963	0.0197
6.132	0.426	-0.0045	0.742	-0.0091	1.755	0.0148	2.054	0.0351	1.916	0.0203	3.5	0.0278	3.681	0.0359	3.402	0.0247	4.963	0.0445	4.26	0.0545
6.133	0.378	-0.0042	0.678	-0.0027	1.749	0.0148	2.043	0.0351	1.916	0.0154	3.5	0.0278	3.681	0.0359	3.402	0.0247	4.963	0.0445	4.273	-0.051
6.134	0.341	-0.0021	0.72	0.0076	1.579	0.0154	2.383	0.0209	2.235	0.0354	3.168	-0.0305	2.699	0.0136	3.827	-0.0407	4.963	0.0532	4.256	-0.0498
6.135	0.349	0.0024	0.862																	

6.287	0.623	0.0100	1.174	0.0118	1.149	0.0099	2.096	-0.0196	3.077	-0.0009	2.261	-0.0214	4.009	0.0547	2.994	0.0003	4.749	0.0482	4.264	0.0547
6.288	0.607	0.0087	1.156	-0.0083	1.155	0.0081	2.056	-0.0193	2.835	-0.0238	2.247	0.0048	4.405	0.0163	3.272	0.0398	4.259	0.0465	4.963	0.0786
6.289	0.585	-0.0038	1.052	-0.009	1.326	0.0206	1.672	-0.0236	2.56	-0.0247	2.504	0.0321	4.19	0.0314	3.85	0.0611	3.786	0.0447	4.963	0.0719
6.290	0.555	0.0022	0.940	-0.009	1.023	0.0203	1.603	-0.0239	2.291	-0.0245	2.377	0.0483	4.526	0.0330	3.440	0.0441	4.963	0.0739	4.963	0.0579
6.291	0.481	-0.0042	0.948	-0.009	1.875	0.0234	1.476	0.0043	2.036	-0.0238	3.404	0.0472	3.41	0.0365	4.034	0.0257	3.49	0.0167	4.963	0.0443
6.292	0.431	-0.0045	0.749	-0.0084	1.036	0.0012	1.865	0.0203	1.845	-0.0193	3.745	0.019	3.037	-0.035	4.776	-0.0311	3.954	0.0544	4.963	0.0654
6.293	0.381	-0.0059	0.682	-0.0042	1.777	0.0146	1.907	0.0146	1.907	0.0146	3.547	0.0172	3.079	-0.0259	2.716	0.0259	4.68	0.0161	4.775	0.0574
6.294	0.344	0.0024	1.024	0.0094	1.026	0.0145	1.026	0.0145	1.026	0.0145	2.303	0.0205	2.523	0.0205	2.654	0.0205	4.86	0.0151	4.963	0.0501
6.295	0.347	0.0031	0.838	0.0148	1.438	0.0154	2.486	0.0052	2.568	0.0432	2.886	0.0395	2.941	0.0396	3.479	0.0404	4.963	0.0664	3.839	0.032
6.296	0.415	0.0079	1.024	0.0118	1.274	0.0145	2.316	-0.0187	2.971	0.0033	2.565	-0.0206	3.485	0.0065	3.102	0.0112	3.816	0.0211	4.963	0.0512
6.297	0.419	0.0071	1.176	0.0115	1.151	0.0109	2.377	0.0023	2.299	-0.0244	2.498	0.0303	3.489	0.0163	3.473	0.0143	4.257	0.0241	4.963	0.0554
6.298	0.599	0.0081	1.16	-0.006	1.158	0.0094	1.832	-0.0202	2.832	-0.0235	2.233	0.0048	4.398	0.0173	3.266	0.0363	4.26	0.0465	4.963	0.0789
6.299	0.577	-0.0033	1.056	-0.009	1.33	0.0206	1.672	0.0148	1.972	0.0247	2.307	0.0441	3.452	0.0314	4.192	0.0247	3.786	0.0316	4.963	0.0716
6.300	0.545	0.0022	0.920	-0.009	1.607	0.0145	1.407	0.0145	1.407	0.0145	2.324	0.0247	3.487	0.0346	4.42	0.0365	3.445	0.0247	4.963	0.0749
6.301	0.472	-0.0042	0.849	-0.009	1.879	0.0237	1.476	0.0046	2.036	-0.0238	3.452	0.0468	3.477	0.0263	3.481	0.0116	4.963	0.0443	4.963	0.0557
6.302	0.422	-0.0042	0.752	-0.0084	1.94	0.0012	1.688	0.0203	1.845	0.0133	3.738	0.0124	3.038	-0.035	4.778	-0.0352	3.944	0.0541	4.963	0.0654
6.303	0.374	-0.0039	0.682	-0.0045	1.783	0.0148	0.5345	0.0148	1.87	0.01	3.537	0.0269	2.716	0.0259	4.688	0.0401	4.86	0.0151	4.963	0.0501
6.304	0.338	0.0024	0.764	0.0058	1.51	0.0109	1.241	0.0109	1.241	0.0109	2.342	0.0235	3.295	0.0231	3.487	0.0207	4.259	0.0348	4.963	0.0548
6.305	0.347	0.0034	0.828	0.0145	1.441	0.0157	2.486	0.0049	2.58	0.0429	2.877	0.0395	2.934	0.0357	3.479	0.0401	4.963	0.0703	3.844	0.0317
6.306	0.417	0.0085	1.014	0.0191	1.279	0.0145	2.316	-0.0184	2.968	0.0339	2.557	0.0202	3.475	0.0162	3.102	0.0114	4.963	0.0429	3.821	0.0312
6.307	0.424	0.0071	1.12	0.0118	1.153	0.0118	2.301	-0.0196	2.97	0.0203	2.57	0.0317	3.479	0.0312	3.487	0.0241	4.259	0.0348	4.963	0.0541
6.308	0.607	0.0084	1.156	-0.006	1.156	0.0098	1.881	-0.0199	2.841	-0.0235	2.24	0.0337	4.401	0.0179	3.257	0.0363	4.262	0.0462	4.963	0.0783
6.309	0.584	-0.0033	1.051	-0.009	1.324	0.0203	1.67	-0.0193	2.568	-0.0235	2.493	0.0318	4.205	0.0305	3.852	0.0607	4.963	0.0711	3.816	0.0311
6.310	0.533	-0.0045	0.949	-0.009	1.602	0.0234	1.403	-0.0193	2.576	-0.0247	2.364	0.0481	3.181	0.0356	4.541	0.0441	4.963	0.0713	3.816	0.0312
6.311	0.455	0.0024	0.846	0.0093	1.571	0.0109	2.304	0.0203	2.56	0.0441	3.452	0.0345	3.493	0.0341	4.253	0.0462	4.963	0.0716	3.816	0.0312
6.312	0.428	-0.0048	0.75	-0.0084	1.933	0.009	1.658	0.0203	1.848	0.0159	3.741	0.0133	3.049	-0.035	4.786	-0.0293	3.932	0.0538	4.963	0.0657
6.313	0.374	-0.0039	0.681	-0.0045	1.777	0.0148	0.548	0.0148	1.965	0.0204	3.459	0.0262	2.724	0.0262	4.656	0.0404	4.963	0.0734	3.816	0.0314
6.314	0.341	0.0024	0.705	0.0091	1.506	0.0203	1.613	0.0203	1.613	0.0203	2.315	0.0311	3.232	0.0303	3.482	0.0317	4.251	0.0401	4.963	0.0701
6.315	0.347	0.0031	0.834	0.0151	1.436	0.0154	2.486	0.0055	2.554	0.0429	2.888	0.0305	2.924	0.0354	3.468	0.0404	4.963	0.0614	3.811	0.0314
6.316	0.416	0.0085	1.022	0.0191	1.022	0.0191	2.274	0.0148	2.326	0.0205	2.569	0.0262	3.457	0.029	4.109	0.0202	4.709	0.0405	4.963	0.0709
6.317	0.455	0.0049	1.179	0.0121	1.553	0.0095	1.67	0.0121	1.553	0.0095	2.305	0.0202	3.457	0.029	4.055	0.0265	4.771	0.0462	4.963	0.0644
6.318	0.598	0.0084	1.168	-0.006	1.155	0.0081	1.885	-0.0199	2.86	0.0229	2.55	0.0307	4.405	0.0194	3.251	0.0357	4.268	0.0462	4.963	0.0789
6.319	0.577	-0.0033	1.062	-0.009	1.324	0.0203	1.672	-0.0193	2.576	-0.0244	2.499	0.0318	4.218	0.0302	3.825	0.0607	4.963	0.0719	3.816	0.0312

6.473	0.432	-0.0042	0.763	-0.0084	1.944	0.0031	1.626	0.0209	1.884	-0.0175	3.736	0.0191	3.158	0.0363	4.855	-0.0196	3.831	0.0478	4.963	-0.0057
6.473	0.384	-0.0039	0.689	-0.0051	1.801	-0.0145	1.943	0.0233	1.842	-0.0247	3.599	-0.0197	2.807	-0.0314	4.421	-0.0398	4.523	0.0713	4.766	-0.0057
6.474	0.344	-0.0024	0.595	0.0046	1.632	0.0154	2.303	0.033	2.06	-0.0269	3.265	-0.0302	2.637	-0.0072	4.379	-0.0407	4.963	0.0674	4.244	-0.0051
6.475	0.347	-0.0024	0.511	0.0039	1.46	-0.0244	2.487	0.0207	2.454	-0.0111	2.254	-0.0302	2.613	-0.0053	3.536	-0.0344	4.963	0.0711	3.234	-0.0058
6.476	0.409	0.0079	0.992	0.0191	1.299	-0.0148	2.353	0.0178	2.867	-0.0387	2.611	-0.0302	3.292	-0.052	3.184	-0.0347	4.963	0.0607	3.821	0.0121
6.477	0.513	0.0109	1.162	0.0136	1.162	0.0105	2.131	-0.0196	3.086	-0.0087	2.33	-0.0235	3.9	0.0589	2.982	-0.0075	4.851	0.0462	4.282	0.0053
6.478	0.598	0.0057	1.176	-0.0033	1.146	0.0134	1.934	0.0154	2.17	-0.0196	2.243	-0.0023	4.349	-0.0223	4.963	0.0269	4.297	0.0059	3.079	0.0079
6.479	0.511	-0.0033	1.073	-0.0039	1.204	0.0195	1.503	0.0153	1.73	-0.0244	2.452	-0.0284	2.455	-0.0241	3.17	-0.0275	4.963	0.0462	4.286	0.0055
6.480	0.571	0.0039	0.971	-0.0039	1.059	-0.0023	1.209	0.0195	2.05	-0.0196	2.238	-0.0223	4.348	-0.0206	3.176	0.0253	4.963	0.0265	4.298	0.0078
6.481	0.536	-0.0042	0.968	-0.0039	1.554	0.0272	1.511	-0.0154	2.373	-0.0244	2.889	0.0475	3.937	-0.0305	4.388	0.0659	3.498	0.0314	4.963	0.0157
6.482	0.484	-0.0045	0.863	-0.0039	1.835	0.0248	1.456	0.0006	2.11	-0.0247	3.414	0.0490	3.55	-0.0362	4.888	0.0366	4.344	0.0267	4.963	0.0456
6.483	0.423	-0.0045	0.796	-0.0034	1.443	0.0234	1.801	0.0153	1.87	-0.0244	3.724	-0.0179	3.771	-0.0242	4.831	-0.0375	4.963	0.0463	4.299	0.0050
6.483	0.382	-0.0042	0.689	-0.0054	1.801	-0.0142	1.933	0.033	1.838	0.0204	3.6	-0.0244	2.817	-0.0317	4.428	-0.0398	4.5	0.071	4.752	-0.0051
6.494	0.344	-0.0024	0.694	0.0043	1.632	0.0154	2.296	0.0336	2.048	-0.0268	3.269	-0.0299	2.634	-0.0384	4.393	-0.0368	4.233	0.0688	3.824	-0.0051
6.495	0.346	0.0022	0.807	0.0131	1.46	0.0131	2.484	0.0175	2.446	-0.0268	2.056	-0.0205	2.601	-0.0254	4.364	-0.0404	4.963	0.0206	3.514	-0.0051
6.496	0.409	0.0063	0.919	0.0191	1.209	0.0151	2.344	0.0277	2.377	-0.0268	2.615	-0.0205	3.27	-0.0111	4.963	0.0401	4.294	0.0054	3.514	-0.0054
6.497	0.509	0.0106	1.161	0.0142	1.161	0.0108	2.131	-0.0196	3.09	0.0169	2.33	-0.0241	3.88	0.0595	2.988	-0.0084	4.863	0.0456	4.276	0.0056
6.498	0.598	0.0073	1.182	-0.0027	1.143	0.0231	1.916	-0.0196	2.918	-0.0202	2.236	-0.0209	4.348	-0.0329	4.963	0.0299	4.272	0.0048	3.514	0.0079
6.499	0.539	0.0023	1.077	-0.0037	1.208	0.0196	1.703	0.0196	2.545	-0.0267	2.441	-0.0271	4.230	-0.0240	3.7	0.0593	3.902	-0.0056	4.963	0.0171
6.500	0.527	-0.0039	0.976	-0.0039	1.552	0.0275	1.516	-0.0154	2.38	-0.0244	2.892	0.0472	3.95	-0.0315	4.384	0.0685	3.496	0.0167	4.963	0.0061
6.501	0.474	-0.0042	0.872	-0.0039	1.839	0.0267	1.464	0.0006	2.117	-0.0244	3.417	0.0496	3.561	-0.0356	4.964	0.0264	4.296	0.0059	3.514	0.0079
6.502	0.423	-0.0045	0.774	-0.0039	1.90	0.0277	1.501	0.0200	1.82	-0.0276	3.730	0.0202	3.425	-0.0243	4.871	-0.0372	4.963	0.0467	4.297	0.0050
6.503	0.375	-0.0042	0.693	-0.0057	1.811	0.0146	1.938	0.033	1.844	-0.0244	3.602	-0.0244	2.925	-0.0344	4.497	-0.0313	4.771	0.0051	3.514	-0.0051
6.504	0.34	-0.0024	0.694	0.0037	1.639	0.0154	2.298	0.0333	2.052	-0.0263	3.271	-0.0299	2.64	-0.0387	4.002	-0.0407	4.963	0.0215	3.514	-0.0058
6.505	0.344	0.0021	0.802	0.0133	1.469	0.0154	2.487	0.0241	2.441	-0.0263	2.039	-0.0205	2.799	-0.0245	3.578	-0.0407	4.963	0.0215	3.514	-0.0058
6.506	0.411	0.0055	0.983	0.0142	1.506	0.0234	1.937	0.0175	1.872	-0.0244	3.605	-0.0244	2.637	-0.0309	3.244	-0.0359	4.963	0.0401	4.294	0.0054
6.507	0.515	0.0112	1.15	0.0142	1.167	0.0108	2.136	-0.0199	3.085	0.0169	2.332	-0.0241	3.88	0.0595	2.988	-0.0084	4.863	0.0456	4.276	0.0056
6.508	0.605	0.007	1.172	-0.003	1.143	0.0224	1.92	-0.0199	2.918	-0.0202	2.236	-0.0209	4.344	-0.0329	4.963	0.0299	4.272	0.0048	3.514	0.0079
6.509	0.589	0.0023	1.083	-0.003	1.508	0.0204	1.703	0.0205	1.806	-0.0244	3.605	-0.0247	2.641	-0.0320	3.240	-0.0359	4.963	0.0401	4.294	0.0054
6.510	0.537	-0.0042	0.965	-0.0039	1.549	0.0272	1.519	-0.0154	2.374	-0.0244	2.884	0.0472	3.942	-0.0368	4.378	0.0658	3.506	0.0167	4.963	0.0051
6.511	0.486	-0.0042	0.862	-0.0039	1.833	0.0257	1.464	0.0006	2.112	-0.0241	3.405	0.0493	3.555	-0.0365	4.881	0.0366	4.293	0.0051	3.514	0.0079
6.512	0.433	-0.0045	0.872	-0.0039	1.764	0.0267	1.516	0.0175	1.815	-0.0244	3.605	-0.0247	2.641	-0.0320	3.240	-0.0359	4.963	0.0401	4.294	0.0054
6.513	0.433	-0.0042	0.872	-0.0039	1.764	0.0267	1.516	0.0175	1.815	-0.0244	3.605	-0.0247	2.641	-0.0320	3.240	-0.0359	4.963	0.0401	4.294	0.00

6.67	0.604	0.0106	1.14	0.019	1.179	0.0121	2.164	0.0198	3.068	0.0188	2.363	0.0259	3.701	0.0592	3.988	0.0142	4.95	0.0459	4.207	0.0569
6.68	0.595	0.0076	1.187	-0.003	1.262	0.0167	1.734	-0.019	2.977	-0.0193	2.235	-0.0045	4.247	0.0459	3.116	0.023	4.457	0.0465	4.963	0.0795
6.69	0.583	-0.0033	1.089	-0.007	1.262	0.0167	1.516	0.039	1.463	0.0242	2.425	0.0267	2.203	0.045	2.456	0.058	3.540	0.0465	4.963	0.0701
6.70	0.533	0.0022	1.222	0.009	1.262	0.0167	1.463	0.021	2.165	0.0244	3.349	0.0508	3.696	0.0382	4.533	0.0447	4.963	0.0511	4.963	0.0462
6.66	0.479	-0.0042	0.863	-0.003	1.807	0.0296	1.463	0.0221	1.926	0.0244	3.028	0.045	2.662	0.0356	3.282	0.045	4.533	0.0447	4.963	0.0501
6.66	0.479	-0.0042	0.784	-0.0084	1.951	0.0273	1.592	0.0182	1.926	0.0208	3.71	0.0245	2.615	0.0356	3.975	0.0402	4.963	0.0504	4.963	0.0462
6.66	0.479	-0.0042	0.699	-0.0069	1.635	0.0203	1.855	0.0139	1.926	0.0203	3.638	0.0216	2.615	0.0356	3.975	0.0402	4.963	0.0504	4.963	0.0462
6.66	0.341	0.0027	0.603	0.0023	1.662	0.0154	1.942	0.0154	2.477	0.0139	2.332	0.0384	2.973	0.0302	2.709	0.0407	4.963	0.0523	4.963	0.0462
6.66	0.342	0.0027	0.778	0.0012	1.621	0.0121	1.492	0.0154	2.477	0.0139	2.332	0.0384	2.973	0.0302	2.709	0.0407	4.963	0.0523	4.963	0.0462
6.66	0.342	0.0027	0.778	0.0012	1.621	0.0121	1.492	0.0154	2.477	0.0139	2.332	0.0384	2.973	0.0302	2.709	0.0407	4.963	0.0523	4.963	0.0462
6.66	0.406	0.0082	0.95	0.01	1.151	0.0116	1.513	0.0116	2.382	0.0154	2.773	0.0164	2.551	0.0259	3.488	0.0305	4.533	0.0447	4.963	0.0501
6.66	0.595	0.0073	1.182	0.0003	1.137	0.0196	1.943	0.0196	2.988	0.0198	2.223	0.0248	4.239	0.0463	3.108	0.0227	4.459	0.0465	4.963	0.0789
6.66	0.592	0.0073	1.182	0.0003	1.137	0.0196	1.943	0.0196	2.988	0.0198	2.223	0.0248	4.239	0.0463	3.108	0.0227	4.459	0.0465	4.963	0.0789
6.66	0.591	-0.0033	1.089	-0.0087	1.257	0.0167	1.736	-0.019	2.716	-0.0196	2.396	-0.0244	4.399	0.0584	3.058	0.0222	4.554	0.0465	4.963	0.0701
6.66	0.448	-0.0042	0.879	-0.009	1.262	0.0167	1.509	0.0269	2.446	0.0244	3.815	0.0454	4.263	0.0538	3.655	0.0222	4.554	0.0465	4.963	0.0701
6.66	0.448	-0.0042	0.879	-0.009	1.262	0.0167	1.509	0.0269	2.446	0.0244	3.815	0.0454	4.263	0.0538	3.655	0.0222	4.554	0.0465	4.963	0.0701
6.66	0.434	-0.0045	0.781	-0.0087	1.945	0.0273	1.509	0.0196	2.454	0.0244	3.339	0.0508	3.676	0.0356	4.429	0.0453	3.409	0.0207	4.963	0.0507
6.66	0.434	-0.0045	0.781	-0.0087	1.945	0.0273	1.509	0.0196	2.454	0.0244	3.339	0.0508	3.676	0.0356	4.429	0.0453	3.409	0.0207	4.963	0.0507
6.66	0.386	-0.0059	0.698	-0.0069	1.629	0.0204	1.556	0.021	2.448	0.0191	3.648	-0.0181	2.923	-0.0245	4.349	0.0344	3.715	-0.0078	4.963	0.0504
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.0023	0.685	0.0024	1.629	0.0182	1.556	0.021	2.448	0.0191	3.648	0.0206	2.923	0.0209	3.715	0.0241	4.349	0.0344	3.715	0.0207
6.66	0.344	0.00																		

0.843	0.382	-0.0042	0.71	-0.0075	1.859	0.0133	1.84	0.0305	1.828	-0.0094	3.679	-0.0214	3.031	-0.035	4.592	-0.0383	4.214	-0.051	4.749	-0.051
0.844	0.341	-0.0027	0.678	0.0003	1.688	0.0151	2.203	0.0351	1.914	0.0157	3.353	-0.0293	2.71	0.0253	4.152	-0.0407	4.963	0.074	4.231	-0.0498
0.845	0.341	-0.0024	0.703	-0.0008	1.516	0.0151	2.432	0.0352	2.232	0.0151	3.022	-0.0203	2.633	0.0284	4.152	-0.0407	4.963	0.0426	3.933	-0.0503
0.846	0.402	0.0279	0.917	0.0175	1.362	0.0151	2.416	0.0313	2.667	0.0405	2.698	-0.0302	2.942	0.0363	3.309	-0.0395	4.963	0.0181	3.843	-0.0424
0.847	0.506	0.0112	1.105	0.0173	1.198	-0.013	2.197	0.0293	1.993	0.0272	2.394	-0.0274	3.488	0.0566	3.009	-0.0206	4.963	0.073	4.317	-0.0565
0.848	0.598	0.0109	1.169	0.0007	1.134	0.0118	2.048	0.0202	1.948	0.0064	2.226	-0.0207	4.507	0.0566	3.034	-0.0181	4.963	0.0468	4.326	-0.0502
0.849	0.554	0.0003	1.105	0.0004	1.231	0.0142	2.142	0.0202	1.799	0.0194	2.737	-0.0241	3.245	0.0197	3.471	0.046	4.172	0.0409	4.963	0.0203
0.850	0.541	-0.0042	1	-0.009	1.469	0.0257	1.563	0.0178	2.507	-0.0247	2.735	0.0435	4.195	0.0214	3.625	0.0653	4.963	0.013	4.963	-0.0488
0.851	0.49	-0.0045	0.798	-0.0037	1.443	0.0309	1.548	0.0148	1.881	0.0209	3.079	-0.0311	3.417	0.0465	4.402	-0.0356	4.749	0.0532	4.963	-0.0507
0.852	0.387	-0.0042	0.709	-0.0072	1.895	-0.0133	1.828	0.0305	1.829	-0.0093	3.688	-0.0114	3.04	0.0283	4.601	-0.0383	4.201	0.0644	4.733	-0.051
0.853	0.346	-0.0027	0.68	0.0003	1.683	0.0151	2.194	0.0354	2.481	0.0194	3.363	-0.0293	2.719	0.0253	4.163	-0.0404	4.963	0.074	4.214	-0.0495
0.854	0.341	0.015	0.737	-0.0046	1.511	0.0124	2.481	0.0351	2.231	0.0145	3.033	-0.0203	2.655	0.0284	3.72	-0.0407	4.963	0.0403	3.915	-0.0503
0.855	0.398	0.0076	0.623	0.0179	1.347	0.0148	2.42	0.0126	2.662	0.0405	2.707	-0.0302	2.934	0.0367	3.318	0.0395	4.963	0.0145	3.827	-0.0568
0.856	0.496	0.0108	1.112	0.0173	1.195	0.0133	2.2	0.0193	2.065	0.0281	2.405	-0.0274	3.475	0.0565	3.015	-0.0214	4.963	0.0453	4.307	-0.0588
0.857	0.496	0.0108	1.197	0.0037	1.132	0.0218	1.98	0.0208	2.301	0.0151	2.734	-0.0203	3.234	0.0566	3.052	0.0145	4.963	0.0462	4.326	-0.0578
0.858	0.59	0.0079	1.033	0.0037	1.714	-0.0037	1.228	0.0202	1.788	0.0196	2.594	-0.0211	3.254	0.0494	3.471	0.046	4.568	0.0566	4.963	0.0203
0.859	0.535	-0.0039	1.01	-0.009	1.469	0.0257	1.568	0.0178	2.513	0.0247	2.738	-0.0247	3.478	0.0432	3.011	0.0181	4.963	0.042	4.303	-0.0565
0.860	0.481	-0.0045	0.903	-0.009	1.764	0.0281	1.46	0.0248	2.243	0.0146	2.604	-0.0244	3.404	0.0556	3.253	-0.0214	4.963	0.0463	4.326	-0.0568
0.861	0.481	-0.0045	0.847	-0.009	1.469	0.0257	1.46	0.0248	2.243	0.0146	2.604	-0.0244	3.404	0.0556	3.253	-0.0214	4.963	0.0462	4.326	-0.0568
0.862	0.481	-0.0045	0.847	-0.009	1.469	0.0257	1.46	0.0248	2.243	0.0146	2.604	-0.0244	3.404	0.0556	3.253	-0.0214	4.963	0.0462	4.326	-0.0568
0.863	0.381	-0.0042	0.707	-0.0099	1.861	-0.013	1.827	0.0305	1.828	-0.0093	3.688	-0.0108	3.045	0.0214	4.612	-0.0383	4.196	0.0638	4.752	-0.051
0.864	0.341	-0.0024	0.681	0	1.691	0.0151	2.198	0.0351	1.914	0.0148	3.367	-0.0209	2.727	0.0282	4.172	-0.0407	4.963	0.074	4.231	-0.0495
0.865	0.341	0.022	0.793	0.0173	1.573	0.0151	2.457	0.0314	2.207	0.0141	3.035	-0.0202	2.655	0.0284	3.741	0.0441	4.963	0.074	4.231	-0.0495
0.866	0.496	0.0109	1.037	0.0173	1.201	0.0133	2.206	0.0193	2.041	0.0278	2.407	-0.0278	3.488	0.0569	3.023	-0.0217	4.963	0.0453	4.322	-0.0568
0.867	0.503	0.0109	1.103	0.0173	1.201	0.0133	2.206	0.0193	2.041	0.0278	2.407	-0.0278	3.488	0.0569	3.023	-0.0217	4.963	0.0453	4.322	-0.0568
0.868	0.599	0.0082	1.187	0.0037	1.134	0.021	2.021	0.0354	1.985	0.0075	2.233	-0.0203	3.451	0.0566	3.045	0.0145	4.963	0.0756	4.326	-0.0568
0.869	0.588	0.0076	1.196	0.0037	1.135	0.021	2.021	0.0354	1.985	0.0075	2.233	-0.0203	3.451	0.0566	3.045	0.0145	4.963	0.0756	4.326	-0.0568
0.870	0.588	0.0076	1.196	0.0037	1.135	0.021	2.021	0.0354	1.985	0.0075	2.233	-0.0203	3.451	0.0566	3.045	0.0145	4.963	0.0756	4.326	-0.0568
0.871	0.544	-0.0042	1	-0.009	1.464	0.0254	1.571	0.0181	2.507	-0.0245	2.731	0.0429	3.493	0.0365	4.115	0.0563	3.841	0.013	4.963	-0.0513
0.872	0.492	-0.0042	0.895	-0.0087	1.758	0.0281	1.46	0.0248	2.243	0.0146	2.604	-0.0244	3.404	0.0556	3.253	-0.0214	4.963	0.0462	4.326	-0.0568
0.873	0.492	-0.0042	0.872	-0.0087	1.758	0.0281	1.46	0.0248	2.243	0.0146	2.604	-0.0244	3.404	0.0556	3.253	-0.0214	4.963	0.0462	4.326	-0.0568
0.874	0.492	-0.0042	0.872	-0.0087	1.758	0.0281	1.46	0.0248	2.243	0.0146	2.604	-0.0244	3.404	0.0556	3.253	-0.0214	4.963	0.0462	4.326	-0.0568
0.875	0.381	-0.0042	0.715	-0.0072	1.861	0.013	1.827	0.0305	1.828	-0.0093	3.688	-0.0108	3.045	0.0214	4.612	-0.0383	4.196	0.0638	4.752	-0.051
0.876	0.341																			

7.07	0.497	0.0106	1.074	0.0182	1.22	-0.0139	2.237	-0.019	2.944	0.0342	2.436	-0.0287	3.209	0.052	3.045	-0.0366	4.963	0.0444	4.355	0.0568				
7.08	0.594	0.0085	1.186	0.0087	1.135	-0.0192	2.007	-0.0199	3.083	0.0015	2.233	-0.013	3.906	0.0079	3.011	-0.0052	4.659	0.0462	4.963	0.0795				
7.09	0.595	-0.0024	1.121	-0.0081	1.209	0.0124	1.793	-0.0196	2.854	0.0228	2.307	0.0157	4.355	0.0321	3.369	-0.0462	4.963	0.068	4.963	0.0712				
7.10	0.544	0.0022	1.077	-0.0027	1.43	0.0243	1.537	0.0193	2.537	-0.0247	2.602	0.0423	4.712	0.0281	3.366	-0.0245	4.963	0.0493	4.963	0.0712				
7.01	0.492	-0.0042	0.913	-0.0003	1.725	0.0284	1.499	0.0075	2.309	-0.0205	3.181	0.0617	3.925	-0.035	4.647	0.0595	3.417	-0.0181	4.963	0.0486	4.963	0.0708		
7.02	0.439	-0.0045	0.815	-0.0087	1.932	0.0139	1.52	0.0121	2.052	-0.0205	3.639	0.0386	3.538	-0.0365	4.952	0.0148	3.537	-0.0239	4.963	0.0567	4.963	0.0707		
7.03	0.39	-0.0042	0.82	-0.0081	1.72	0.0117	1.777	0.0287	1.861	0.0297	1.852	0.0145	3.718	-0.0245	3.116	-0.0356	4.869	0.0139	4.064	-0.0369	4.963	0.0569	4.963	0.0707
7.04	0.349	-0.0033	0.771	-0.0012	1.706	0.0124	1.703	0.0121	2.137	0.0103	1.845	0.0088	3.417	-0.0204	2.001	-0.0324	4.712	0.0124	4.724	-0.0307	4.963	0.0569	4.963	0.0707
7.05	0.339	0.0015	0.735	0.0091	1.535	0.0151	2.437	0.0203	0.023	0.0205	2.127	0.0305	3.084	-0.0302	2.634	-0.0372	3.814	-0.0407	4.963	0.0532	3.813	0.0707		
7.06	0.392	0.0073	0.873	0.0101	1.56	0.0157	2.45	-0.027	2.546	0.0429	2.757	-0.0205	2.811	0.0263	3.396	-0.0401	4.963	0.0263	3.831	0.0515	4.963	0.0707		
7.07	0.439	0.0019	1.059	0.0162	1.214	0.0124	2.333	0.0153	2.841	0.0161	2.443	0.0207	3.237	0.0202	3.361	-0.0303	4.963	0.0444	4.963	0.0707				
7.08	0.585	0.0082	1.195	0.0084	1.131	-0.0036	2.013	-0.0196	3.086	0.0294	2.245	-0.013	3.698	0.0592	3.014	-0.0462	4.963	0.0798	4.963	0.0707				
7.09	0.588	-0.0024	1.129	-0.0081	1.207	0.0124	1.799	-0.0196	2.861	-0.0228	2.315	0.0157	4.355	0.0435	4.356	-0.0462	4.963	0.068	4.963	0.0707				
7.10	0.437	0.0042	1.025	-0.009	1.43	0.045	1.566	0.0144	2.631	-0.0247	2.47	0.0203	4.205	0.0449	3.842	-0.0368	4.963	0.0493	4.963	0.0707				
7.01	0.492	-0.0042	0.82	-0.0081	1.725	0.0287	1.495	0.0121	2.058	-0.0205	3.184	0.0614	3.938	-0.0365	4.958	0.0154	3.533	-0.023	4.963	0.0567	4.963	0.0707		
7.02	0.433	-0.0045	0.82	-0.0081	1.821	-0.009	1.936	0.0148	1.526	0.0121	2.058	-0.0241	3.64	0.0368	3.55	0.0365	4.958	0.0154	3.533	-0.023	4.963	0.0567	4.963	0.0707
7.03	0.385	-0.0045	0.727	-0.0081	1.89	0.0114	1.495	0.0121	2.052	-0.0205	3.639	0.0386	3.538	-0.0365	4.952	0.0148	3.537	-0.0239	4.963	0.0567	4.963	0.0707		
7.04	0.343	0.0013	0.743	0.0081	1.58	-0.0195	1.517	0.0117	2.141	0.0103	1.845	0.0085	3.142	-0.0205	2.188	-0.0324	4.712	0.0124	4.724	-0.0307	4.963	0.0569	4.963	0.0707
7.05	0.34	0.0019	0.733	0.0085	1.543	0.0154	2.441	0.0203	0.023	0.0205	2.137	0.0305	3.085	-0.0302	2.634	-0.0372	3.813	-0.0407	4.963	0.053	3.813	0.0707		
7.06	0.349	0.0073	0.773	0.0094	1.542	0.0154	2.432	0.0203	0.023	0.0205	2.114	0.0305	3.081	-0.0305	2.627	-0.0374	3.813	-0.0407	4.963	0.053	3.813	0.0707		
7.07	0.392	0.0073	0.886	0.0117	1.727	0.0124	2.446	0.0203	0.023	0.0205	2.135	0.0305	3.085	-0.0302	2.628	-0.0374	3.813	-0.0407	4.963	0.053	3.813	0.0707		
7.08	0.349	0.0013	0.746	0.0085	1.577	0.0154	2.441	0.0203	0.023	0.0205	2.137	0.0305	3.085	-0.0302	2.627	-0.0374	3.813	-0.0407	4.963	0.053	3.813	0.0707		
7.09	0.349	0.0013	0.746	0.0085	1.577	0.0154	2.441	0.0203	0.023	0.0205	2.137	0.0305	3.085	-0.0302	2.627	-0.0374	3.813	-0.0407	4.963	0.053	3.813	0.0707		
7.10	0.349	0.0013	0.746	0.0085	1.577	0.0154	2.441	0.0203	0.023	0.0205	2.137	0.0305	3.085	-0.0302	2.627	-0.0374	3.813	-0.0407	4.963	0.053	3.813	0.0707		
7.11	0.349	0.0013	0.746	0.0085	1.577	0.0154	2.441	0.0203	0.023	0.0205	2.137	0.0305	3.085	-0.0302	2.627	-0.0374	3.813	-0.0407	4.963	0.053	3.813	0.0707		
7.12	0.349	0.0013	0.746	0.0085	1.577	0.0154	2.441	0.0203	0.023	0.0205	2.137	0.0305	3.085	-0.0302	2.627	-0.0374	3.813	-0.0407	4.963	0.053	3.813	0.0707		
7.13	0.349	0.0013	0.746	0.0085	1.577	0.0154	2.441	0.0203	0.023	0.0205	2.137	0.0305	3.085	-0.0302	2.627	-0.0374	3.813	-0.0407	4.963	0.053	3.813	0.0707		
7.14	0.349	0.0013	0.746	0.0085	1.577	0.0154	2.441	0.0203	0.023	0.0205	2.137	0.0305	3.085	-0.0302	2.627	-0.0374	3.813	-0.0407	4.963	0.053	3.813	0.0707		
7.15	0.349	0.0013	0.746	0.0085	1.577	0.0154	2.441	0.0203	0.023	0.0205	2.137	0.0305	3.085	-0.0302	2.627	-0.0374	3.813	-0.0407	4.963	0.053	3.813	0.0707		
7.16	0.349	0.0013	0.746	0.0085	1.577	0.0154	2.441	0.0203	0.023	0.0205	2.137	0.0305	3.085	-0.0302	2.627	-0.0374	3.813	-0.0407	4.963	0.053	3.813	0.0707		
7.17	0.349	0.0013	0.746	0.0085	1.577	0.0154	2.441	0.0203	0.023	0.0205	2.137	0.0305	3.085	-0.0302										

7213	0.443	-0.0045	0.83	-0.0087	1.917	0.0175	1.496	0.0088	2.116	-0.0341	3.59	0.0411	3.457	0.0382	4.954	0.0351	3.475	0.0151	4.963	-0.0057
7214	0.351	-0.0013	0.676	-0.0027	1.904	0.0148	2.077	0.0054	1.839	-0.0264	3.467	0.0207	3.275	0.0344	4.532	-0.0495	4.176	-0.0513		
7215	0.34	-0.0012	0.717	-0.0076	1.551	0.0193	2.026	0.0026	2.243	-0.0267	3.155	0.0303	2.955	0.0344	4.65	-0.0491	4.197	-0.0495		
7216	0.388	0.007	0.86	0.0196	1.992	-0.0151	2.407	0.0021	2.438	0.0408	2.808	-0.0302	2.713	0.0205	3.041	-0.0491	4.963	0.0088	3.838	0.0196
7217	0.485	0.0103	1.05	0.0188	1.233	0.0145	2.296	-0.019	2.874	0.0399	2.492	-0.029	3.114	0.0459	3.1	-0.0314	4.963	0.0429	4.33	0.058
7218	0.562	0.0088	1.147	0.0007	1.135	0.0037	2.241	0.0021	2.815	0.0115	2.262	0.0262	3.098	-0.0162	2.697	0.0052	4.768	0.0462	4.963	0.081
7219	0.563	-0.0021	1.144	0.0175	1.148	0.01	1.881	0.009	2.359	0.022	2.298	0.0115	2.251	0.0269	3.27	0.0308	4.277	0.0462	4.963	0.098
7220	0.553	-0.0039	1.042	-0.0087	1.394	0.0236	1.624	-0.019	2.854	0.0247	2.604	0.0372	4.394	0.0003	4.394	0.0003	4.963	0.0118		
7221	0.489	-0.0042	0.838	-0.0037	1.881	0.0145	2.386	-0.0102	3.103	0.0568	4.062	0.0338	4.511	0.0658	3.454	-0.0253	4.963	0.0488		
7222	0.489	-0.0042	0.838	-0.0037	1.881	0.0145	2.386	-0.0102	3.103	0.0568	4.062	0.0338	4.511	0.0658	3.454	-0.0253	4.963	0.0488		
7223	0.387	-0.0042	0.74	-0.0084	1.911	-0.0078	1.732	0.0083	1.897	-0.0194	3.741	0.0207	3.287	0.0356	4.786	-0.0308	3.927	0.0535	4.734	-0.051
7224	0.345	0.007	0.857	0.0145	1.74	0.0148	2.073	0.0351	1.83	0.0015	3.466	0.0284	2.907	0.0344	4.65	-0.0491	4.214	-0.0495		
7225	0.349	0.007	0.855	0.0145	1.74	0.0148	2.073	0.0351	1.83	0.0015	3.466	0.0284	2.907	0.0344	4.65	-0.0491	4.214	-0.0495		
7226	0.387	0.0073	0.865	0.0157	1.398	-0.0151	2.473	0.0021	2.438	0.0402	2.813	-0.0302	3.72	0.0154	3.486	-0.0494	4.963	0.0084	3.851	0.0196
7227	0.49	0.0106	1.041	0.0185	1.241	0.0145	2.272	-0.019	2.87	0.0246	2.496	-0.0293	3.112	0.0451	3.112	-0.0314	4.963	0.0429	4.349	0.058
7228	0.591	0.0084	1.155	0.0073	1.154	0.0038	1.881	-0.0196	2.053	0.0118	2.262	0.0166	3.698	0.0592	2.906	0.0058	4.781	0.0465	4.963	0.0798
7229	0.502	0.0021	1.155	0.0073	1.154	0.0038	1.881	-0.0196	2.053	0.0118	2.262	0.0166	3.698	0.0592	2.906	0.0058	4.781	0.0465	4.963	0.0798
7230	0.55	-0.0042	1.033	-0.0089	1.388	0.0236	1.624	-0.019	2.854	0.0247	2.605	0.0372	4.394	0.0003	4.394	0.0003	4.963	0.0118		
7231	0.498	-0.0042	0.928	-0.0089	1.678	0.0237	1.475	-0.0105	2.862	0.0247	2.605	0.0372	4.394	0.0003	4.394	0.0003	4.963	0.0118		
7232	0.444	0.0041	1.122	0.003	1.122	0.003	1.881	-0.0196	2.053	0.0118	2.262	0.0166	3.698	0.0592	2.906	0.0058	4.781	0.0465	4.963	0.0798
7233	0.396	-0.0045	0.733	-0.0081	1.911	-0.0078	1.728	0.0083	1.897	-0.0197	3.733	0.0207	3.28	0.0356	4.771	-0.0305	3.925	0.0526	4.726	-0.051
7234	0.352	-0.0033	0.676	-0.0027	1.74	0.0145	2.073	0.0351	1.83	0.0015	3.466	0.0284	2.907	0.0344	4.65	-0.0491	4.205	-0.0498		
7235	0.341	0.0069	0.714	0.0176	1.568	0.0154	2.402	0.0205	2.035	0.0207	3.133	0.0305	2.807	0.0344	4.65	-0.0491	4.167	-0.0495		
7236	0.349	0.007	0.855	0.0145	1.399	0.0188	2.274	-0.019	2.869	0.0402	2.498	0.0205	3.089	0.0595	2.962	0.0012	4.766	0.0462	4.963	0.0798
7237	0.484	0.01	1.045	0.0191	1.241	0.0145	2.268	-0.019	2.866	0.0402	2.498	0.0205	3.089	0.0595	2.962	0.0012	4.766	0.0462	4.963	0.0798
7238	0.591	0.0091	1.178	0.0151	1.135	0.0036	2.054	-0.0196	2.261	0.0127	3.672	0.0586	2.906	0.0344	4.766	-0.0491	4.341	-0.0495		
7239	0.502	0.0021	1.143	0.0073	1.179	0.0036	1.881	-0.0196	2.053	0.0127	2.273	0.0166	3.698	0.0592	2.906	0.0058	4.781	0.0465	4.963	0.0798
7240	0.55	-0.0042	1.037	-0.0089	1.382	0.0233	1.63	-0.019	2.864	0.0404	2.588	0.0368	4.396	0.0003	4.396	0.0003	4.963	0.0118		
7241	0.494	-0.0045	0.942	-0.0089	1.682	0.0237	1.475	-0.0105	2.862	0.0404	2.588	0.0368	4.396	0.0003	4.396	0.0003	4.963	0.0118		
7242	0.48	0.0041	1.124	0.003	1.124	0.003	1.881	-0.0196	2.053	0.0127	2.273	0.0166	3.698	0.0592	2.906	0.0058	4.781	0.0465	4.963	0.0798
7243	0.386	-0.0042	0.744	-0.0081	1.911	-0.0078	1.728	0.0083	1.897	-0.0197	3.733	0.0201	3.28	0.0356	4.771	-0.0305	3.925	0.0526	4.726	-0.051
7244	0.345	-0.0033	0.681	-0.0081	1.74	0.0145	2.072	0.0351	1.83	0.0015	3.467	0.0284	2.907	0.0344	4.65	-0.0491	4.204	-0.0495		
7245	0.336	0.0015	0.715	0.007	1.568	0.0154	2.402	0.0205	2.035	0.0207	3.133	0.0305	2.807	0.0344	4.65	-0.0491	4.167	-0.0495		
7246	0.349	0.007	0.855	0.0154	1.399	0.0188	2.274	-0.019	2.869	0.0402	2.498	0.0205	3.089	0.0595	2.962	0.0012	4.766	0.0462	4.963	0.0798
7247	0.484	0.01	1.045																	

7.97	0.475	0.01	1.018	0.0191	1.25	-0.0145	2.301	-0.0181	2.77	0.0426	2.538	-0.0200	2.961	0.0375	3.184	-0.035	4.963	0.0398	4.346	0.0589		
7.98	0.578	0.0094	1.176	0.0121	1.14	-0.0078	3.073	-0.0199	2.801	-0.0209	4.111	-0.0067	2.982	-0.0078	4.068	-0.0459	4.963	0.01	4.963	0.081		
7.99	0.595	-0.0012	1.164	-0.006	1.169	0.0079	3.002	-0.0196	2.262	-0.0178	4.057	-0.0053	3.185	-0.0063	4.375	-0.0465	4.963	0.068	4.963	0.151		
7.99	0.544	0.0093	1.163	-0.0037	1.158	0.0081	3.039	-0.0193	2.724	-0.0241	4.043	-0.0052	3.182	-0.0058	4.359	-0.0456	4.963	0.068	4.963	0.151		
7.99	0.492	-0.0045	0.956	-0.0003	1.045	0.0078	1.407	-0.0124	2.403	-0.0205	3.026	0.0499	4.179	-0.0214	4.404	-0.0509	4.963	0.0489	4.963	0.0489		
7.99	0.493	-0.0042	0.855	-0.0009	1.19	0.0078	0.0055	1.452	0.0024	1.988	0.0451	3.788	-0.0356	4.002	-0.0368	4.344	-0.0508	4.963	0.0501	4.963	0.0501	
7.99	0.591	-0.0042	0.742	-0.0042	0.759	0.0078	1.031	-0.0067	1.482	0.0042	1.843	0.0214	3.746	0.0088	4.056	-0.0193	3.803	-0.0506	4.963	0.0507	4.963	0.0507
7.99	0.549	0.0033	0.688	-0.0045	1.763	0.0121	1.024	-0.0045	1.343	0.0023	1.518	0.0214	3.519	-0.0204	3.029	-0.0265	4.265	-0.0459	4.963	0.0495	4.963	0.0495
7.99	0.336	0.0012	0.704	0.0052	1.591	0.0154	2.368	0.0030	1.977	0.0206	3.185	-0.0302	2.713	-0.0247	3.99	-0.041	4.963	0.0686	3.824	0.0274		
7.99	0.386	0.007	0.827	0.0148	1.422	0.0154	2.454	0.0027	2.357	0.0275	2.857	-0.0202	2.663	-0.0221	3.857	-0.0464	4.963	0.0221	4.963	0.0197		
7.99	0.433	0.006	1.571	0.0181	1.521	0.0181	2.304	0.0154	2.735	0.0246	2.539	-0.0200	2.456	-0.0203	4.259	-0.0459	4.963	0.0221	4.963	0.0221		
7.99	0.585	0.0097	1.168	0.0121	1.144	-0.0081	2.085	-0.0199	2.801	0.0197	2.281	-0.0198	3.503	-0.0056	2.988	-0.0075	4.375	-0.0465	4.963	0.068	4.963	0.068
7.99	0.606	0.0097	1.168	0.0121	1.155	-0.006	1.169	0.0078	1.87	0.0206	2.261	0.0054	4.099	-0.0268	4.387	-0.0468	4.963	0.0686	4.963	0.0686		
7.99	0.544	0.0042	1.561	0.0064	1.504	0.0048	1.893	0.0207	2.153	0.0244	2.530	-0.0203	4.403	-0.0267	3.949	-0.0466	4.963	0.0207	4.963	0.0207		
7.99	0.502	-0.0042	0.949	-0.0009	1.839	0.0207	1.488	0.0247	2.446	0.0204	3.021	0.0498	4.17	-0.0214	3.909	-0.0465	4.963	0.0471	4.963	0.0471		
7.99	0.448	-0.0045	0.848	-0.0009	1.897	0.0206	1.479	0.0052	2.181	-0.0247	3.524	0.0451	3.781	-0.0356	4.887	-0.0354	3.44	-0.0465	4.963	0.0505	4.963	0.0505
7.99	0.399	-0.0042	0.749	-0.0004	1.529	0.0078	1.529	0.0242	1.965	0.0214	3.741	0.0204	3.396	-0.0265	4.056	-0.0193	3.805	-0.0508	4.963	0.0501	4.963	0.0501
7.99	0.533	0.0036	0.681	-0.0045	1.751	0.0121	1.521	0.0042	1.831	0.0205	3.513	-0.0214	3.221	-0.0245	4.445	-0.0204	3.704	-0.0465	4.963	0.0495	4.963	0.0495
7.99	0.34	0.0008	0.7	0.0055	1.591	0.0154	1.591	-0.0154	2.356	0.0305	3.151	-0.0202	2.72	-0.0256	3.998	-0.0407	3.814	-0.0504	4.963	0.0505	4.963	0.0505
7.99	0.384	0.0064	0.83	0.0148	1.421	0.0157	2.476	0.0207	2.313	0.025	2.854	-0.0302	2.646	-0.0232	3.554	-0.0404	4.963	0.0218	3.853	0.017		
7.99	0.479	0.0071	1.513	0.0151	1.521	0.0042	1.521	0.0205	2.349	0.0243	2.530	-0.0203	2.458	-0.0203	4.259	-0.0459	4.963	0.0221	4.963	0.0221		
7.99	0.578	0.0091	1.174	0.0121	1.144	-0.0078	2.081	-0.0199	3.064	0.0212	2.279	-0.0202	3.485	-0.0273	4.864	-0.0459	4.963	0.0684	4.963	0.0684		
7.99	0.594	-0.0012	1.168	-0.0054	1.173	0.0078	1.864	-0.0196	3.005	-0.0183	2.258	0.0084	4.088	-0.0266	4.375	-0.0465	4.963	0.0688	4.963	0.0688		
7.99	0.542	-0.0042	1.062	-0.0009	1.308	0.0215	1.656	0.0244	2.521	0.0241	4.401	-0.0267	3.701	-0.0267	3.955	-0.0466	4.963	0.0207	4.963	0.0207		
7.99	0.493	0.0042	1.562	0.0064	1.521	0.0048	1.893	0.0206	2.457	0.0247	3.024	0.0498	4.173	-0.0273	3.495	-0.0465	4.963	0.0686	4.963	0.0686		
7.99	0.502	-0.0042	0.939	-0.0009	1.897	0.0203	1.476	0.0055	2.193	-0.0247	3.521	0.0453	3.799	-0.0353	4.821	-0.0469	4.963	0.0507	4.963	0.0507		
7.99	0.448	-0.0045	0.855	-0.0009	1.897	0.0206	1.476	0.0052	2.194	-0.0241	3.414	0.0451	3.785	-0.0356	4.887	-0.0469	4.963	0.0505	4.963	0.0505		
7.99	0.391	0.0039	0.757	0.0044	1.529	0.0121	1.529	0.0214	1.965	0.0214	3.414	0.0204	3.229	-0.0255	4.255	-0.0467	4.963	0.0495	4.963	0.0495		
7.99	0.343	0.0033	0.701	0.0052	1.591	0.0154	2.361	0.0206	1.965	0.0202	3.187	-0.0302	2.72	-0.0258	3.998	-0.0407	3.814	-0.0504	4.963	0.0502		
7.99	0.384	0.0064	0.83	0.0148	1.421	0.0157	2.476	0.0207	2.313	0.025	2.854	-0.0302	2.655	-0.0232	3.554	-0.0407	4.963	0.0217	3.853	0.017		
7.99	0.401	0.0071	1.007	0.0121	1.144	-0.0091	2.091	0.0203	2.341	0.0243	3.409	-0.0203	3.229	-0.0265	4.255	-0.0468	4.963	0.0495	4.963	0.0495		
7.99	0.578	0.0091	1.174	0.0121	1.144	-0.0078	2.081	-0.0199	3.064	0.0212	2.279	-0.0202	3.485	-0.0273	4.864	-0.0459	4.963	0.0684	4.963	0.0684		
7.99	0.594	-0.0012	1.168	-0.0054	1.173	0.0078	1.864	-0.0196</														

7.83	0.443	-0.0045	0.873	-0.009	1.876	0.023	1.466	0.0204	2.247	-0.025	3.468	0.0478	3.912	-0.035	4.844	0.0451	3.409	-0.0027	4.963	-0.0507
7.83	0.394	-0.0042	0.772	-0.009	1.942	0.009	1.641	0.0218	1.995	-0.023	3.744	0.0515	3.524	-0.0359	4.921	-0.0075	3.698	-0.051	4.719	-0.0501
7.84	0.35	-0.0038	0.694	-0.007	1.783	0.0145	1.966	0.0238	1.993	-0.0093	3.564	-0.0296	3.147	-0.0356	4.517	-0.037	4.337	-0.0495	4.199	-0.0209
7.85	0.355	-0.0036	0.693	-0.004	1.713	0.0124	1.935	0.0237	1.935	-0.0045	3.223	-0.0203	2.793	-0.0325	4.46	-0.0403	4.903	-0.0251	3.923	-0.0209
7.86	0.38	0.007	0.862	0.0113	1.444	0.0151	2.499	0.0076	2.227	-0.0178	2.903	-0.0305	2.641	-0.0357	3.601	-0.0407	4.963	-0.0236	3.863	-0.0175
7.87	0.475	0.0108	0.979	0.0182	1.28	0.0151	2.336	0.0178	2.86	0.0445	2.583	-0.0296	2.835	-0.0377	3.242	-0.0377	4.963	-0.0209	4.372	-0.0589
7.88	0.479	0.0007	1.018	0.015	1.152	0.0033	1.503	0.0151	2.116	-0.0196	2.027	-0.0278	2.307	-0.0222	3.322	-0.0315	4.686	-0.0456	4.963	-0.0246
7.89	0.468	-0.0003	1.173	0.003	1.155	0.0029	1.503	0.0151	2.104	-0.0195	2.026	-0.0275	2.344	-0.0222	3.329	-0.0312	4.681	-0.0448	4.963	-0.0245
7.9	0.556	-0.0039	1.068	-0.0084	1.32	0.0206	1.691	0.0193	2.779	-0.0241	2.478	0.0303	4.359	-0.0299	3.805	-0.0161	4.963	-0.0262	4.963	-0.0262
7.91	0.506	-0.0042	0.932	0.003	1.571	0.0037	1.485	0.0204	2.51	-0.0145	2.044	-0.0244	4.294	-0.0199	4.059	-0.0559	3.573	-0.0274	4.963	-0.0241
7.92	0.451	-0.0042	0.933	0.003	1.571	0.0037	1.485	0.0204	2.51	-0.0145	2.044	-0.0244	4.294	-0.0199	4.059	-0.0559	3.573	-0.0274	4.963	-0.0241
7.93	0.403	-0.0045	0.764	-0.0087	1.94	0.009	1.636	0.0215	1.988	-0.0229	3.735	0.0154	3.515	-0.0365	4.905	-0.0081	3.701	-0.0387	4.71	-0.0507
7.94	0.356	-0.0033	0.694	-0.007	1.783	0.0145	1.956	0.0238	1.835	-0.0093	3.568	-0.0295	3.158	-0.0353	4.523	-0.0395	4.186	-0.0495	4.199	-0.0209
7.95	0.355	-0.0037	0.693	0.003	0.691	0.0037	1.412	0.0154	2.314	-0.0237	3.234	-0.0202	2.807	-0.0307	3.009	-0.041	4.963	-0.0251	3.809	-0.0173
7.96	0.359	-0.0035	0.693	0.003	0.691	0.0037	1.412	0.0154	2.314	-0.0237	3.234	-0.0202	2.807	-0.0307	3.009	-0.041	4.963	-0.0251	3.809	-0.0173
7.97	0.379	0.0084	0.862	0.0198	1.442	0.0154	2.452	0.0079	2.209	0.0345	2.869	-0.0305	2.628	-0.0206	3.637	-0.0404	4.963	-0.0237	3.863	-0.0175
7.98	0.379	0.0084	0.862	0.0198	1.442	0.0154	2.452	0.0079	2.209	0.0345	2.869	-0.0305	2.628	-0.0206	3.637	-0.0404	4.963	-0.0237	3.863	-0.0175
7.99	0.488	0.01	0.982	0.0185	1.28	0.0151	2.336	0.0178	2.646	0.0445	2.579	-0.0299	2.817	-0.0377	3.229	-0.0404	4.963	-0.0229	4.365	-0.0592
8.0	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.01	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.02	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.03	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.04	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.05	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.06	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.07	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.08	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.09	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.10	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.11	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.12	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.13	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.14	0.509	-0.0037	1.173	0.003	1.151	0.0031	1.558	0.0203	2.116	-0.0196	2.027	-0.0278	2.307	-0.0224	3.303	-0.0311	4.686	-0.0456	4.963	-0.0246
8.15	0.509	-0.0037	1.173																	

7.67	0.466	0.01	0.948	0.0179	1.3	-0.0148	2.376	-0.0169	2.546	0.0426	2.627	-0.0209	2.739	0.0182	3.316	-0.0396	4.963	0.0154	4.383	0.0595
7.68	0.573	0.0103	1.129	0.016	1.163	-0.0108	2.154	-0.0193	2.956	0.0342	2.342	-0.0205	3.154	0.0466	3.02	-0.0205	4.963	0.0154	4.963	0.081
7.69	0.611	0.0003	1.182	0.0003	1.145	0.0034	1.938	-0.0199	2.233	0.0119	2.233	-0.0201	3.745	0.0595	3.067	0.0157	4.584	0.0653	4.963	0.0653
7.70	0.539	0.0009	1.206	0.0004	1.201	0.0035	1.752	0.0005	2.243	0.0125	2.423	0.0203	3.420	0.0466	3.439	0.0158	4.584	0.0653	4.963	0.0703
7.71	0.509	-0.0042	0.963	-0.0003	1.561	0.0278	1.529	-0.0163	2.575	0.0247	2.865	0.0466	4.377	0.0242	4.156	0.0508	3.645	0.0414	4.963	0.0477
7.72	0.496	-0.0042	0.88	-0.009	1.841	0.0248	1.46	-0.0012	2.305	0.0247	3.9	0.0459	4.023	0.0341	4.751	0.0502	3.411	0.0114	4.963	0.0507
7.73	0.465	-0.0042	0.781	-0.009	1.946	0.0185	1.598	0.0031	2.646	0.0247	3.041	0.0451	3.637	0.0215	4.59	0.0505	3.607	0.0051	4.963	0.0507
7.74	0.361	-0.0036	0.698	-0.003	1.504	0.0145	1.903	0.0031	2.023	0.0245	3.611	0.0204	3.525	0.0205	4.59	0.0386	4.154	0.0202	4.963	0.0507
7.75	0.338	-0.0003	0.682	0.0019	1.633	0.0151	2.294	0.0339	1.857	0.0085	3.276	0.0209	2.887	0.0341	4.15	0.0407	4.938	0.074	3.809	0.0282
7.76	0.338	-0.0003	0.682	0.0019	1.633	0.0151	2.294	0.0339	1.857	0.0085	3.276	0.0209	2.887	0.0341	4.15	0.0407	4.938	0.074	3.809	0.0282
7.77	0.375	0.01	0.921	0.0124	1.3	0.0153	1.513	0.0153	2.311	0.0249	2.523	0.0302	3.211	0.0173	3.315	0.0214	4.963	0.0444	3.863	0.0595
7.77	0.449	0.01	0.921	0.0124	1.3	0.0153	1.513	0.0153	2.311	0.0249	2.523	0.0302	3.211	0.0173	3.315	0.0214	4.963	0.0444	3.863	0.0595
7.77	0.567	0.0097	1.135	0.0167	1.164	-0.0108	2.15	-0.0193	2.948	0.0364	2.338	-0.0244	3.133	0.0469	3.006	-0.0211	4.963	0.0453	4.963	0.081
7.77	0.599	0.0003	1.162	0.0006	1.149	0.0034	1.933	-0.0199	2.086	0.0207	2.229	-0.0201	3.728	0.0599	3.048	0.0154	4.571	0.0465	4.963	0.0653
7.77	0.539	0.0003	1.11	0.0007	1.107	0.0048	1.753	0.0048	2.403	0.0205	2.423	0.0203	4.398	0.0464	4.349	0.0167	4.963	0.0462	4.963	0.0703
7.78	0.467	-0.0038	0.994	-0.0003	1.844	0.0245	1.458	-0.0009	2.575	0.0247	2.869	0.0463	4.388	0.0341	4.12	0.0508	3.634	0.0417	4.963	0.0477
7.78	0.445	-0.0042	0.792	-0.0004	1.948	0.0181	1.596	0.0031	2.61	0.0247	3.722	0.0218	3.654	0.0365	4.05	0.0048	3.585	0.0296	4.963	0.0507
7.78	0.397	-0.0042	0.795	-0.0003	1.755	0.0009	1.504	0.0031	2.023	0.0245	3.619	0.0205	3.722	0.0205	4.05	0.0048	3.585	0.0296	4.963	0.0507
7.78	0.333	0.0003	0.685	0.0022	1.633	0.0154	2.259	0.0342	1.861	0.0078	3.202	-0.0209	2.909	0.0358	4.17	0.041	4.922	0.0743	3.808	0.0282
7.78	0.373	0.0003	0.685	0.0015	1.633	0.0154	2.254	0.0342	1.864	0.0079	3.202	-0.0209	2.905	0.0358	4.17	0.041	4.922	0.0743	3.808	0.0282
7.78	0.373	0.0006	0.681	0.0118	1.463	0.0157	2.476	0.0339	1.857	0.0085	3.276	-0.0209	2.887	0.0341	4.15	0.0407	4.925	0.0747	3.808	0.0282
7.78	0.373	0.0006	0.681	0.0118	1.463	0.0157	2.476	0.0339	1.857	0.0085	3.276	-0.0209	2.887	0.0341	4.15	0.0407	4.925	0.0747	3.808	0.0282
7.78	0.572	0.01	1.128	0.0163	1.162	-0.0108	2.156	-0.0193	2.948	0.0367	2.342	-0.0247	3.133	0.0459	3.02	-0.0214	4.963	0.0453	4.963	0.081
7.79	0.611	-0.0009	1.187	0.0009	1.143	0.0031	1.939	-0.0202	3.087	0.0307	2.23	-0.0207	3.727	0.0595	3.056	0.0145	4.595	0.0468	4.963	0.0656
7.79	0.566	-0.0042	1.092	-0.0004	1.296	0.0196	1.726	-0.0193	2.869	0.0202	2.419	0.0261	4.265	0.0447	4.11	0.0409	4.963	0.0465	4.963	0.081
7.79	0.509	0.0003	1.242	0.0009	1.551	0.0006	1.532	0.0031	2.591	0.0207	2.655	0.0268	4.398	0.0465	4.359	0.0145	4.595	0.0465	4.963	0.0653
7.79	0.445	-0.0048	0.885	-0.0009	1.835	0.0254	1.458	-0.0102	2.324	0.0247	3.382	0.0595	4.051	0.0341	4.745	0.0538	3.411	0.0124	4.963	0.051
7.79	0.455	-0.0042	0.786	-0.0007	1.945	0.0184	1.596	0.0034	2.615	0.0241	3.717	0.0221	3.659	0.0356	4.05	0.0049	3.596	0.0293	4.963	0.0507
7.79	0.399	-0.0042	0.703	-0.0003	1.271	0.0021	1.511	0.0035	2.591	0.0245	3.304	0.0208	3.727	0.0205	4.05	0.0049	3.596	0.0293	4.963	0.0507
7.79	0.335	0.0003	0.682	0.0015	1.641	0.0154	2.258	0.0342	1.861	0.0073	3.283	-0.0209	2.907	0.0358	4.17	0.041	4.922	0.0743	3.808	0.0282
7.79	0.373	0.0004	0.682	0.0015	1.641	0.0154	2.258	0.0342	1.861	0.0073	3.283	-0.0209	2.907	0.0358	4.17	0.041	4.922	0.0743	3.808	0.0282
7.79	0.373	0.0006	0.682	0.0015	1.641	0.0154	2.258	0.0342	1.861	0.0073	3.283	-0.0209	2.907	0.0358	4.17	0.041	4.922	0.0743	3.808	0.0282
7.79	0.373	0.0006	0.682	0.0015	1.641	0.0154	2.258	0.0342	1.861	0.0073	3.283	-0.0209	2.907	0.0358	4.17	0.041	4.922	0.0743	3.808	0.0282
7.79	0.373	0.0006	0.682	0.0015																

7.93	0.459	-0.0045	0.897	-0.009	1.813	0.0366	1.459	0.0043	2.374	-0.025	3.321	0.0511	4.146	0.0323	4.655	0.0583	3.431	0.0193	4.963	-0.051	
7.93	0.409	-0.0042	0.798	-0.009	1.949	0.0061	1.564	0.016	2.112	-0.0241	3.7	0.0269	3.753	0.0356	4.949	0.0139	3.53	0.0218	4.693	-0.057	
7.94	0.362	-0.0039	0.799	-0.007	1.824	0.0139	1.846	0.0095	2.187	-0.0184	3.658	0.0263	3.059	0.0359	4.978	-0.0385	4.042	0.0172	4.712	-0.0495	
7.95	0.338	-0.0035	0.876	0	1.554	0.0214	1.554	0.0214	2.121	-0.0184	3.236	0.0203	2.908	0.0203	4.926	0.0347	4.778	0.0327	4.507	-0.0233	
7.96	0.37	0.0032	0.752	0.0109	1.482	0.0154	2.469	0.0173	2.037	0.0267	2.996	0.0302	2.691	0.0235	3.603	0.0407	4.963	0.0547	3.862	0.0188	
7.97	0.455	0.01	0.917	0.0175	1.318	0.0154	2.054	0.0154	2.413	0.0267	2.672	0.0302	2.681	0.0267	3.386	-0.0398	4.963	0.0321	4.384	0.0202	
7.98	0.559	0.01	0.0103	1.109	0.0175	1.175	0.0154	2.409	-0.0142	2.429	0.0405	2.672	0.0302	2.681	0.0267	3.386	-0.0398	4.963	0.0321	4.384	0.0202
7.99	0.403	-0.0042	1.102	0.0104	1.155	0.0175	1.175	0.0175	2.192	-0.0196	2.188	0.0369	2.717	0.0266	2.665	0.0302	3.295	0.0405	4.963	0.0321	
8.00	0.568	0.01	0.0103	1.119	0.0164	1.111	0.0151	2.182	0.0175	2.413	0.0408	2.678	0.0302	2.691	0.0267	3.386	-0.0398	4.963	0.0321	4.384	0.0202
8.01	0.459	0.01	0.0109	1.111	0.0164	1.111	0.0151	2.182	0.0175	2.413	0.0408	2.678	0.0302	2.691	0.0267	3.386	-0.0398	4.963	0.0321	4.384	0.0202
8.02	0.568	0.01	0.0103	1.119	0.0164	1.111	0.0151	2.182	0.0175	2.413	0.0408	2.678	0.0302	2.691	0.0267	3.386	-0.0398	4.963	0.0321	4.384	0.0202
8.03	0.403	-0.0042	1.121	0.0103	1.113	0.0175	1.175	0.0175	2.192	-0.0196	2.188	0.0369	2.717	0.0266	2.665	0.0302	3.295	0.0405	4.963	0.0321	
8.04	0.568	0.01	0.0103	1.119	0.0164	1.111	0.0151	2.182	0.0175	2.413	0.0408	2.678	0.0302	2.691	0.0267	3.386	-0.0398	4.963	0.0321	4.384	0.0202
8.05	0.402	-0.0042	1.121	0.0103	1.113	0.0175	1.175	0.0175	2.192	-0.0196	2.188	0.0369	2.717	0.0266	2.665	0.0302	3.295	0.0405	4.963	0.0321	
8.06	0.568	0.01	0.0103	1.119	0.0164	1.111	0.0151	2.182	0.0175	2.413	0.0408	2.678	0.0302	2.691	0.0267	3.386	-0.0398	4.963	0.0321	4.384	0.0202
8.07	0.457	0.01	0.0103	1.093	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.08	0.565	0.01	0.0103	1.092	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.09	0.455	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.10	0.565	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.11	0.455	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.12	0.565	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.13	0.455	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.14	0.565	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.15	0.455	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.16	0.565	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.17	0.455	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.18	0.565	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.19	0.455	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.20	0.565	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.21	0.455	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.22	0.565	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.23	0.455	0.01	0.0103	1.091	0.0175	1.181	0.0121	2.035	-0.0193	2.846	0.0402	3.322	0.0269	2.956	0.0302	3.069	0.0405	4.963	0.0321	4.384	0.0202
8.24	0.565	0																			

8.137	0.448	0.0094	0.884	0.0167	1.337	-0.0148	3.44	-0.009	2.332	0.0387	2.716	-0.0302	2.429	0.0033	3.486	-0.0398	4.963	0.0109	4.383	0.0602
8.138	0.563	0.0106	1.076	0.0188	1.19	-0.013	2.222	-0.0193	2.767	0.0452	2.411	-0.0278	2.854	0.0008	3.091	-0.0311	4.963	0.0048	4.963	0.081
8.139	0.602	0.0019	1.193	0.007	1.137	-0.0003	2.001	-0.0196	3.071	0.0206	2.233	-0.0096	3.358	0.0544	2.982	-0.0462	4.963	0.0644	4.963	0.081
8.140	0.559	0.0039	1.124	0.0176	1.247	-0.024	1.524	-0.0196	2.768	0.0175	2.242	-0.0165	3.266	0.0372	4.231	-0.0462	4.963	0.0641	4.963	0.081
8.141	0.506	-0.0045	1.028	-0.009	1.492	0.0263	1.504	-0.0184	2.721	0.0244	2.721	-0.0272	3.481	0.0426	3.847	0.0614	3.809	-0.045	4.963	-0.0477
8.142	0.452	-0.0042	0.924	-0.009	1.784	0.0269	1.46	-0.0069	2.45	-0.0205	3.243	0.0514	4.284	0.0232	4.511	0.0641	4.963	0.0507	4.963	0.081
8.143	0.443	-0.0042	0.842	-0.009	1.945	0.0269	1.507	-0.0017	2.167	-0.0244	3.671	0.0327	3.89	0.0553	4.458	0.0265	4.963	-0.0507	4.963	-0.051
8.144	0.367	-0.0036	0.729	-0.0081	1.645	0.0199	1.78	-0.0029	1.58	-0.0211	3.693	0.0298	3.503	0.0309	4.743	-0.0268	3.885	0.0602	4.963	-0.0492
8.145	0.333	-0.0036	0.68	-0.0021	1.672	0.0151	1.83	-0.0054	2.315	-0.0209	3.378	0.0298	3.126	0.0356	4.341	-0.0204	4.691	0.0731	3.803	-0.0253
8.146	0.365	-0.0035	0.65	-0.0021	1.672	0.0151	1.83	-0.0054	2.445	-0.0221	3.046	0.0221	2.778	-0.0206	3.907	0.0641	4.463	0.0206	3.802	0.0602
8.147	0.441	0.011	0.879	0.0117	1.238	-0.0154	2.322	-0.0178	2.721	-0.0203	2.445	-0.0243	3.485	0.0404	4.593	0.0127	4.384	0.0602		
8.148	0.56	0.0106	1.069	0.0185	1.187	-0.013	2.227	-0.0193	2.771	0.0426	2.415	-0.0281	2.859	0.0209	3.11	-0.0314	4.963	0.081	4.963	0.081
8.149	0.612	0.024	1.187	0.007	1.131	-0.0003	2.001	-0.0196	3.071	0.0206	2.233	-0.0096	3.358	0.0535	2.996	-0.0462	4.963	0.064	4.963	0.081
8.150	0.589	0.0039	1.127	-0.001	1.249	0.0199	1.793	-0.0196	2.506	-0.0269	2.239	0.0162	3.497	0.0346	4.211	-0.0465	4.963	0.0641	4.963	0.081
8.151	0.515	-0.0042	1.023	-0.009	1.483	0.0263	1.59	-0.0187	2.726	-0.0244	2.716	0.0426	4.38	0.0278	3.833	0.0607	4.963	-0.0471	4.963	-0.051
8.152	0.482	-0.0045	0.919	-0.009	1.777	0.0275	1.46	-0.0072	2.455	-0.0247	3.24	0.0517	4.288	0.0228	4.527	0.0835	3.469	-0.0278	4.963	-0.047
8.153	0.413	-0.0042	0.82	-0.007	1.946	0.0207	1.523	-0.0121	2.191	-0.0247	3.671	0.0333	3.895	0.028	4.284	0.0641	4.463	0.027	4.963	-0.0507
8.154	0.365	0.0038	0.724	-0.0081	1.645	0.0199	1.845	-0.0196	2.733	-0.0274	3.798	-0.0209	3.509	0.0365	4.713	-0.0284	3.884	0.0601	4.963	-0.0492
8.155	0.338	-0.0039	0.678	-0.0015	1.674	0.0154	1.83	-0.0042	2.142	-0.0204	3.385	0.0298	3.129	-0.0293	4.34	-0.0401	4.691	0.0725	3.803	-0.0253
8.156	0.365	0.0049	0.733	0.0085	1.504	0.0154	2.44	-0.0221	3.023	-0.0202	2.779	0.0302	3.903	0.0641	4.362	0.0206	3.862	0.0604	4.963	0.0814
8.157	0.444	0.011	0.871	0.0107	1.681	-0.0154	2.445	-0.0247	3.241	-0.0203	2.445	-0.0242	3.483	0.0221	4.242	-0.0287	4.963	0.081	4.963	0.081
8.158	0.553	0.0106	1.073	0.0185	1.191	-0.013	2.23	-0.019	2.762	0.0423	2.423	-0.0278	2.85	0.0221	3.103	-0.0317	4.963	0.081	4.963	0.081
8.159	0.605	0.024	1.191	0.0073	1.135	-0.0003	2.009	-0.0202	3.068	0.0209	2.241	-0.0155	3.345	0.0535	2.99	-0.0462	4.963	0.0643	4.963	0.081
8.160	5.6	-0.0039	1.132	-0.0041	1.243	0.0148	1.794	-0.0196	2.601	-0.0266	2.345	0.0421	3.954	0.0568	2.861	-0.0462	4.963	0.064	4.963	0.081
8.161	0.593	0.0242	1.024	-0.0037	1.483	0.0199	1.797	-0.0196	2.601	-0.0266	2.725	0.0424	3.958	0.0568	2.991	-0.0462	4.963	0.064	4.963	0.081
8.162	0.454	-0.0045	0.923	-0.009	1.782	0.0275	1.484	-0.0069	2.454	-0.0244	3.24	0.0511	4.289	0.0207	4.519	0.0835	3.468	-0.051	4.963	-0.0507
8.163	0.405	-0.0042	0.824	-0.007	1.949	0.0207	1.517	-0.0121	2.189	-0.0244	3.665	0.0327	3.896	0.0208	4.349	0.0838	3.458	0.0518	4.963	-0.0507
8.164	0.359	0.0039	0.728	-0.0081	1.551	0.0199	1.793	-0.0196	2.601	-0.0266	2.725	0.0424	3.959	0.0568	2.992	-0.0462	4.963	0.064	4.963	0.081
8.165	0.335	-0.0033	0.677	-0.0021	1.679	0.0154	1.827	-0.0048	2.145	-0.0204	3.378	0.0205	3.141	-0.0286	4.34	-0.0404	4.591	0.0725	3.809	-0.0251
8.166	0.365	0.0033	0.727	0.0085	1.506	0.0156	1.961	-0.0157	2.436	-0.0244	3.045	0.0205	3.282	0.0205	4.282	0.0835	3.472	0.0511	4.963	0.0805
8.167	0.443	0.011	0.879	0.0167	1.337	-0.0147	1.337	-0.0217	2.301	-0.0247	2.731	-0.0204	3.485	0.0327	3.895	0.0287	4.34	0.0504	4.963	0.081
8.168	0.515	0.0024	1.127	-0.007	1.239	0.0148	1.794	-0.0196	2.601	-0.0266	2.725	0.0424	3.958	0.0568	2.992	-0.0462	4.963	0.064	4.963	0.081
8.169	0.462	-0.0045	0.92	-0.009	1.775	0.0272	1.459	-0.0205	2.458	-0.0244	3.228	0.052	4.299	0.0208	4.511	0.0835	3.463	-0.0507	4.963	-0.0507
8.170	0.413	-0.0042	0.821	-0.008	1.943</															

8.322	0.456	-0.0045	0.946	-0.009	1.753	0.0381	1.469	0.0096	2.518	-0.025	3.171	0.0514	4.373	0.0075	4.403	0.0659	3.504	0.0335	4.963	-0.051
8.323	0.405	-0.0042	0.842	-0.009	1.942	0.0118	1.502	0.0094	2.25	-0.0244	3.63	0.0372	4.005	0.0347	4.898	0.0357	3.417	0.004	4.162	-0.0492
8.324	0.359	-0.0042	0.746	-0.0081	1.883	0.0126	1.739	0.0269	2.025	-0.0229	3.722	0.0303	3.618	0.0356	4.863	0.019	3.769	0.0451	4.162	-0.0492
8.325	0.333	-0.0042	0.602	-0.0033	1.591	0.0154	1.830	0.0251	2.303	-0.0203	3.426	0.0323	3.224	0.0356	4.426	0.019	3.423	0.0394	3.799	-0.0283
8.326	0.359	-0.0049	0.715	0.0067	1.52	0.0151	2.412	0.0263	1.915	0.0148	3.062	-0.0302	2.871	0.0332	3.99	0.041	4.963	0.0197	4.963	-0.0197
8.327	0.443	0.01	0.849	0.0157	1.354	0.0154	2.469	-0.0033	2.228	0.0361	2.765	-0.0302	2.651	0.0133	3.565	0.0404	4.963	0.0248	4.388	-0.0064
8.328	0.55	-0.0049	1.037	0.0188	1.203	0.0133	2.033	-0.019	2.254	0.0405	2.454	-0.0267	2.759	0.0206	3.171	0.035	4.963	0.0263	4.399	-0.0181
8.329	0.113	-0.0042	1.179	0.0103	1.331	0.0127	2.046	0.0109	1.328	0.0261	2.245	0.0203	3.103	0.0204	3.247	0.0193	4.963	0.0169	4.963	-0.0147
8.330	0.571	-0.0036	1.145	-0.0072	1.218	0.0136	1.828	-0.0196	3.057	-0.0075	2.304	0.0145	3.791	0.0169	3.169	0.0269	4.963	0.0064	4.963	-0.0064
8.331	0.52	-0.0042	1.04	-0.0087	1.452	0.0202	1.622	-0.0193	2.79	0.0241	2.651	0.0303	4.306	0.0577	3.93	0.0462	4.963	0.0243	4.678	-0.0477
8.332	0.486	-0.0042	0.938	0.0203	1.147	0.0203	2.039	0.0203	2.519	0.0207	3.146	0.0241	4.276	0.0372	3.521	0.0203	4.963	0.0203	4.678	-0.0477
8.333	0.417	-0.0042	0.837	-0.009	1.039	0.0104	1.45	0.0088	2.252	-0.0205	3.63	0.0378	4.011	0.0344	4.898	0.038	3.431	0.0301	4.684	-0.051
8.334	0.368	-0.0042	0.74	-0.0084	1.865	0.0126	1.732	0.0269	1.966	-0.0229	3.722	0.0303	3.618	0.0356	4.863	0.019	3.775	0.0447	4.162	-0.0492
8.335	0.346	-0.0042	0.71	-0.0083	1.894	0.0124	2.031	0.0263	1.831	0.0203	3.448	0.0323	3.239	0.0356	4.422	0.0401	4.644	0.0306	4.678	-0.0293
8.336	0.359	-0.0049	0.715	0.0057	1.522	0.0154	2.407	0.0264	1.913	0.0145	3.101	-0.0302	2.875	0.0338	3.963	0.0407	4.963	0.0251	3.865	-0.0197
8.337	0.438	0.01	0.891	0.0067	1.357	0.0151	2.47	0.0207	2.221	0.0345	2.773	-0.0302	2.849	0.0138	3.567	-0.0407	4.963	0.0251	4.392	-0.0064
8.338	0.544	-0.0109	1.042	0.0188	1.203	0.0133	2.296	-0.019	2.655	0.0405	2.464	-0.0287	2.751	0.0197	3.173	0.0335	4.963	0.0248	4.388	-0.0064
8.339	0.508	-0.0042	1.185	0.0103	1.324	0.0126	2.048	0.0193	1.323	0.0204	2.293	0.0241	3.181	0.0264	3.245	0.0193	4.963	0.0243	4.399	-0.0181
8.340	0.564	-0.0036	1.15	-0.0072	1.224	0.0136	1.828	-0.0199	3.058	-0.0072	2.31	0.0145	3.779	0.0595	3.181	0.0263	4.963	0.0061	4.963	-0.0061
8.341	0.512	-0.0045	1.046	-0.0087	1.458	0.0251	1.625	-0.019	2.656	0.0241	2.666	0.0309	4.294	0.0574	3.931	0.0351	4.963	0.0243	4.678	-0.0477
8.342	0.449	-0.0042	0.945	-0.0083	1.075	0.0202	1.507	-0.0191	2.519	-0.0207	3.105	0.0211	3.448	0.0308	3.245	0.0208	4.963	0.0243	4.678	-0.0477
8.343	0.409	-0.0042	0.842	-0.009	1.945	0.0104	1.504	0.0091	2.251	-0.0205	3.625	0.0375	4.006	0.0344	4.898	0.0383	3.427	0.0207	4.688	-0.0489
8.344	0.362	-0.0036	0.744	-0.0087	1.874	0.0126	1.735	0.0266	1.995	-0.0209	3.721	-0.0207	3.82	0.0365	4.859	-0.0184	3.765	0.0438	4.162	-0.0492
8.345	0.334	-0.0012	0.681	-0.0033	1.7	0.0154	1.84	0.0251	1.804	0.0203	3.427	0.0208	3.237	0.0359	4.428	0.0308	3.605	0.0408	4.162	-0.0492
8.346	0.395	-0.0042	0.71	-0.0084	1.938	0.0124	2.039	0.0264	1.967	0.0202	3.092	0.0303	3.605	0.0368	4.865	0.0407	4.963	0.0259	3.872	-0.0293
8.347	0.443	-0.0097	0.845	0.0157	1.363	0.0154	2.47	0.0207	2.215	0.0345	2.765	-0.0302	2.643	0.0198	3.565	-0.0404	4.963	0.0257	4.396	-0.0062
8.348	0.512	-0.0102	1.03	0.0185	1.208	0.0133	2.048	0.0203	2.068	0.0405	2.454	0.0247	2.743	0.0194	3.056	-0.0358	4.963	0.0267	4.399	-0.0062
8.349	0.55	-0.0049	1.03	0.0103	1.593	0.0157	1.357	0.0201	2.215	0.0209	2.291	0.0241	2.642	0.0241	3.177	0.0309	4.963	0.0259	4.399	-0.0062
8.350	0.402	-0.0042	1.07	-0.0087	1.931	0.0126	1.593	0.0203	2.039	0.0206	3.091	0.0209	3.251	0.0302	4.422	0.0271	3.605	0.0405	4.162	-0.0492
8.351	0.57	-0.0036	1.146	-0.0072	1.22	0.0133	1.829	-0.0199	3.058	-0.0069	2.296	0.0136	3.767	0.0599	3.172	0.0209	4.963	0.0049	4.963	-0.0049
8.352	0.451	-0.0045	1.042	-0.0089	1.451	0.0251	1.627	-0.019	2.645	0.0205	2.464	0.0309	4.291	0.0577	3.701	0.0207	4.963	0.0247	4.399	-0.0074
8.353	0.415	-0.0042	0.839	-0.009	1.937	0.0124	1.496	0.0088	2.257	-0.0205	3.622	0.0384	4.022	0.0344	4.888	0.0389	3.419	0.0204	4.678	-0.0489
8.354	0.368	-0.0036	0.741	-0.0084	1.864	0.0124	1.725	0.0203	1.921	0.0205	3.728	-0.0201	3.634	0.0359	4.868	0.0348	3.427	0.0207	4.688	-0.0489
8.3																				

8.507	0.434	0.0094	0.821	0.0145	1.374	-0.0151	2.484	0.0037	2.136	0.0308	2.813	-0.0302	2.488	0.0314	3.848	0.0407	4.963	0.0369	4.393	0.0607
8.508	0.543	0.0112	1.007	0.0188	1.22	-0.0159	2.301	0.0198	2.558	0.0409	2.498	-0.0203	2.69	0.0106	3.239	-0.0383	4.963	0.0244	4.963	0.081
8.509	0.612	0.0043	1.166	0.0127	1.131	-0.0039	2.082	0.0342	2.261	0.0147	3.043	-0.0172	2.906	-0.0145	4.963	0.0456	4.963	0.0644	4.963	0.0302
8.510	0.376	0.0036	1.154	-0.0051	1.203	0.0189	2.020	0.0303	2.363	0.0115	2.275	0.0100	3.111	0.0023	2.119	0.0124	4.963	0.0445	4.963	0.0302
8.511	0.524	-0.0042	1.058	-0.0084	1.421	0.0246	1.655	0.0193	2.857	0.0295	2.588	0.0308	4.191	0.0508	3.601	0.0538	4.963	0.0462	4.963	0.0474
8.512	0.471	-0.0042	0.958	-0.009	1.717	0.0287	1.486	-0.0193	2.581	-0.0247	3.085	0.0508	4.412	0.0576	4.962	0.0682	4.963	0.051	4.963	0.0474
8.513	0.442	-0.0042	0.855	-0.0007	1.909	0.0151	1.481	0.0058	2.313	-0.0247	3.582	0.0404	4.427	0.0532	4.859	0.0458	4.963	0.0462	4.963	0.0407
8.514	0.373	0.0036	0.798	-0.0087	1.888	0.0114	1.482	0.0242	2.586	0.0241	3.744	0.0244	3.694	0.0356	4.542	0.0238	3.698	0.0563	4.963	0.0402
8.515	0.339	-0.0015	0.686	-0.0045	1.712	0.0148	2.02	0.0351	1.855	-0.0145	3.484	-0.0287	3.349	0.0356	4.519	0.0292	4.286	0.0682	4.963	0.0247
8.516	0.357	0.004	0.656	0.0145	1.454	0.0145	1.373	0.0231	2.513	0.0205	2.533	0.0302	2.489	0.0276	2.976	-0.035	4.041	0.0451	4.963	0.0197
8.517	0.431	0.0044	0.538	0.0145	1.279	0.0151	2.031	0.0198	2.303	-0.019	2.547	0.0408	2.684	0.01	3.242	-0.038	4.963	0.0244	4.963	0.081
8.518	0.537	0.0108	1.01	0.0188	1.221	-0.0159	2.303	-0.019	2.547	0.0408	2.505	-0.0203	2.694	0.01	3.242	-0.038	4.963	0.0244	4.963	0.081
8.519	0.604	0.0043	1.164	0.0127	1.172	0.0127	1.134	0.0042	2.084	0.0198	2.595	0.0345	2.268	-0.0169	3.031	0.0114	2.993	0.0453	4.963	0.0453
8.520	0.466	0.0042	1.169	-0.0051	1.405	0.0186	1.863	0.0199	2.363	0.0115	2.242	0.01	3.004	0.0043	2.115	0.0124	4.963	0.0445	4.963	0.0302
8.521	0.515	-0.0042	1.063	-0.0087	1.427	0.0246	1.658	0.0193	2.855	0.0235	2.591	0.0298	4.181	0.0508	3.591	0.0535	4.963	0.0464	4.963	0.0474
8.522	0.482	-0.0045	0.96	-0.0093	1.722	0.0284	1.488	-0.0128	2.577	-0.0247	3.088	0.0505	4.405	0.052	4.259	0.0865	3.589	0.0392	4.963	0.0474
8.523	0.414	-0.0042	0.859	-0.009	1.936	0.0151	1.485	0.0058	2.311	-0.0245	3.577	0.0423	4.126	0.0329	4.83	0.0453	3.408	0.0485	4.963	0.0507
8.524	0.365	0.0036	0.798	-0.009	1.894	0.0114	1.482	0.0242	2.582	0.0238	2.738	0.0231	3.733	0.0309	4.495	0.0303	3.559	0.0307	4.963	0.0402
8.525	0.335	-0.0012	0.686	-0.0048	1.722	0.0148	2.024	0.0345	1.853	-0.0145	3.474	-0.0284	3.349	0.0356	4.516	0.0295	4.276	0.0689	4.963	0.0247
8.526	0.357	0.0046	0.697	0.0046	1.546	0.0157	1.293	0.0293	1.862	0.0302	2.307	0.0277	3.414	0.0352	4.516	0.0291	4.286	0.0682	4.963	0.0247
8.527	0.443	0.0044	0.814	0.0145	1.454	0.0145	1.373	0.0231	2.515	0.0205	2.535	0.0302	2.489	0.0275	2.849	0.037	3.449	0.0303	4.286	0.0682
8.528	0.543	0.0109	1	0.0185	1.224	-0.0142	2.299	0.0187	2.542	0.0408	2.498	-0.0296	2.678	0.01	3.24	-0.038	4.963	0.0238	4.963	0.084
8.529	0.612	0.0043	1.163	0.0133	1.135	0.0042	2.081	-0.019	2.554	0.0351	2.258	0.0175	3.048	0.0408	2.988	-0.0154	4.963	0.0453	4.963	0.0635
8.530	0.576	-0.0039	1.164	-0.0048	1.203	0.0112	1.162	0.0231	1.862	0.0207	2.556	0.0307	2.309	0.0207	3.59	0.0151	2.993	0.0464	4.963	0.0464
8.531	0.494	0.0042	1.169	-0.0057	1.421	0.0247	1.421	0.0151	2.084	0.0198	2.591	0.0205	2.573	0.0298	4.172	0.0465	4.963	0.0465	4.963	0.0447
8.532	0.488	-0.0045	0.958	-0.009	1.713	0.0281	1.483	-0.013	2.585	-0.0245	3.074	0.0508	4.411	0.0507	4.25	0.0389	4.963	0.0457	4.963	0.0507
8.533	0.419	-0.0039	0.855	0.005	1.49	0.0151	1.476	0.0055	2.055	0.0247	3.568	0.0429	4.137	0.0329	4.828	0.0459	3.4	0.0506	4.963	0.0468
8.534	0.334	-0.0012	0.689	-0.0051	1.722	0.0148	2.014	0.0346	1.861	-0.0145	3.488	-0.0284	3.374	0.0359	4.539	0.0292	4.257	0.0686	4.963	0.0247
8.535	0.338	-0.0015	0.686	-0.0048	1.711	0.0148	2.01	0.0348	1.858	-0.0145	3.483	-0.0284	3.361	0.0365	4.526	0.0291	4.261	0.0686	4.963	0.0247
8.536	0.356	0.0046	0.699	0.0052	1.54	0.0157	1.481	0.0057	2.361	0.0276	3.151	0.0276	3.576	0.0307	4.516	0.0297	4.261	0.0686	4.963	0.0247
8.537	0.433	0.0041	0.816	0.0116	1.374	0.0145	1.374	0.0207	2.507	0.0205	2.535	0.0305	2.489	0.0295	3.499	0.0307	4.509	0.0297	4.963	0.0247
8.538	0.535	0.0108	1.005	0.0191	1.22	0.0142	1.22	0.0207	2.307	0.0231	2.536	0.0303	2.478	0.0295	3.478	0.0305	4.513	0.0292	4.963	0.0247
8.539	0.604	0.004	1.17	-0.0045	1.324	0.0142	1.132	0.0042	2.087	0.0196	2.565	0.0308	2.306	0.0207	3.514	0.0314	4.502	0.0295	4.963	0.0247

8.69	0.474	-0.0045	0.073	-0.0009	1.683	0.0387	1.505	0.0145	2.636	-0.0347	3.013	0.0496	4.401	0.0321	4.127	0.0566	3.67	0.0426	4.963	-0.0507
8.69	0.423	-0.0042	0.071	-0.0009	1.919	0.0175	1.464	0.0022	2.374	-0.0265	3.524	0.0459	4.239	0.0229	4.751	0.0529	3.417	0.0139	4.679	-0.051
8.69	0.376	-0.0042	0.072	-0.0007	1.905	0.0081	1.635	0.0215	2.111	-0.0241	3.75	0.0347	3.056	0.0356	4.946	0.0043	3.581	0.0278	4.163	0.0489
8.69	0.341	-0.0031	0.063	-0.0007	1.732	0.0038	1.559	0.0230	1.881	-0.0261	3.520	0.0221	3.401	0.0356	4.425	0.0137	3.437	0.0217	3.923	0.0323
8.69	0.352	0.0034	0.691	0.0034	1.662	0.0154	2.315	0.0327	1.84	0.0291	3.196	-0.0302	3.081	0.0253	4.163	-0.0407	4.891	0.0743	3.867	0.0197
8.69	0.425	0.0088	0.078	0.0013	1.393	0.0154	2.484	0.0082	2.05	0.0263	2.867	0.0302	2.748	0.0278	3.733	-0.0407	4.963	0.0684	4.304	0.0064
8.69	0.527	0.0109	0.077	0.0012	1.235	0.0142	2.342	0.0078	2.468	0.0208	2.541	0.0209	2.645	0.0209	2.647	0.0205	2.9	0.0205	4.963	0.0508
8.69	0.604	0.0248	1.152	0.0148	1.137	0.0057	1.191	0.0142	2.056	0.0208	2.541	0.0209	2.541	0.0209	2.541	0.0205	3.105	0.0211	4.963	0.0454
8.7	0.57	-0.0036	1.184	0.0015	1.003	0.0196	1.903	0.0196	3.084	0.0169	2.263	0.0091	3.423	0.0145	4.615	0.0468	4.963	0.0055	4.963	0.0055
8.70	0.52	-0.0042	0.079	-0.0009	1.658	0.0235	1.545	0.0235	2.535	0.0205	3.015	0.0400	4.303	0.0224	4.116	0.0503	3.509	0.0248	4.963	0.0503
8.70	0.416	-0.0042	0.077	-0.0009	1.923	0.0173	1.469	0.0202	2.373	-0.0205	3.519	0.0456	4.241	0.0287	4.741	0.0532	3.408	0.0145	4.685	-0.051
8.70	0.369	-0.0036	0.078	-0.0009	1.91	0.0081	1.636	0.0218	2.11	-0.0241	3.743	0.0097	3.847	0.0356	4.946	0.0046	3.572	0.0272	4.167	0.0489
8.70	0.355	0.0048	0.695	-0.0006	1.759	0.0153	2.303	0.0233	1.865	0.0176	3.179	0.0221	3.442	0.0205	4.452	0.0117	3.903	0.0247	4.963	0.0323
8.70	0.352	0.0043	0.688	0.0027	1.567	0.0154	2.315	0.0323	1.836	0.0207	3.189	-0.0302	3.084	0.0256	4.162	-0.0407	4.88	0.0747	3.874	0.0247
8.70	0.427	0.0088	0.791	0.0113	1.398	0.0154	2.483	0.0079	2.046	0.0263	2.863	0.0286	2.748	0.0278	3.732	-0.0407	4.963	0.0684	4.403	0.0064
8.70	0.535	0.0112	0.967	0.0182	1.238	0.0142	2.336	0.0178	2.437	0.0245	2.541	0.0205	2.645	0.0206	2.647	0.0205	2.9	0.0205	4.963	0.0508
8.70	0.509	0.0109	1.144	0.0154	1.235	0.0057	1.177	0.0176	2.096	0.0208	2.541	0.0209	2.541	0.0209	2.541	0.0205	3.105	0.0211	4.963	0.0454
8.70	0.579	-0.0033	1.178	-0.0018	1.187	0.01	1.902	0.0196	3.087	0.0159	2.25	0.0208	3.413	0.0058	4.162	0.0142	4.614	0.0482	4.963	0.0046
8.71	0.579	-0.0033	1.077	-0.0014	1.393	0.0223	1.393	0.0154	2.342	0.0208	2.541	0.0209	2.645	0.0209	2.647	0.0205	2.9	0.0205	4.963	0.0508
8.71	0.526	-0.0045	1.077	-0.0014	1.393	0.0223	1.393	0.0154	2.342	0.0208	2.541	0.0209	2.645	0.0209	2.647	0.0205	2.9	0.0205	4.963	0.0508
8.71	0.57	-0.0036	1.184	-0.0014	1.398	0.0154	2.336	0.0208	2.541	0.0209	2.645	0.0209	2.647	0.0209	2.647	0.0205	2.9	0.0205	4.963	0.0508
8.71	0.422	-0.0042	0.873	-0.0009	1.917	0.0175	1.452	0.0195	2.378	-0.0244	3.514	0.0459	4.253	0.0274	4.736	0.0541	3.404	0.0151	4.688	-0.0507
8.71	0.375	-0.0036	0.773	-0.0007	1.904	0.0081	1.627	0.0215	2.114	-0.0244	3.746	0.0109	3.857	0.0355	4.946	0.0046	3.581	0.0269	4.163	0.0482
8.71	0.339	-0.0021	0.694	0.0003	1.948	0.0148	1.501	0.0333	1.89	0.0184	3.521	-0.0274	3.471	0.0266	4.609	0.0286	4.111	0.0111	4.679	-0.0507
8.71	0.352	0.0037	0.698	0.0023	1.558	0.0154	2.305	0.0305	1.893	0.0184	3.525	0.0205	3.509	0.0205	3.525	0.0205	3.9	0.0205	4.963	0.0508
8.71	0.416	-0.0042	0.877	-0.0009	1.923	0.0173	1.469	0.0202	2.373	-0.0205	3.519	0.0456	4.241	0.0287	4.741	0.0532	3.408	0.0145	4.685	-0.0507
8.70	0.369	-0.0036	0.778	-0.0009	1.91	0.0081	1.636	0.0218	2.11	-0.0241	3.743	0.0097	3.847	0.0356	4.946	0.0046	3.572	0.0272	4.167	0.0489
8.70	0.352	0.0048	0.791	0.0113	1.392	0.0154	2.483	0.0085	2.039	0.0208	2.541	0.0205	2.645	0.0205	2.647	0.0205	2.9	0.0205	4.963	0.0508
8.70	0.352	0.0043	0.688	0.0027	1.567	0.0154	2.315	0.0323	1.836	0.0207	3.189	-0.0302	3.092	0.0256	4.162	-0.0407	4.88	0.0747	3.874	0.0247
8.70	0.427	0.0088	0.791	0.0113	1.398	0.0154	2.483	0.0079	2.046	0.0208	2.541	0.0209	2.645	0.0209	2.647	0.0205	2.9	0.0205	4.963	0.0508
8.70	0.535	0.0112	0.967	0.0182	1.238	0.0057	1.191	0.0175	2.029	0.0208	2.541	0.0209	2.645	0.0209	2.647	0.0205	2.9	0.0205	4.963	0.0508
8.70	0.57	-0.0036	1.184	-0.0014	1.392	0.0154	2.336	0.0208	2.541	0.0209	2.645	0.0209	2.647	0.0209	2.647	0.0205	2.9	0.0205	4.963	0.0508
8.70	0.422	-0.0042	0.873	-0.0009	1.917	0.0175	1.452	0.0195	2.378	-0.0244	3.514	0.0459	4.253	0.0274	4.736	0.0541	3.404	0.0151	4.688	-0.0507
8.71	0.375	-0.0036																		

8.77	0.419	0.036	0.760	0.0118	1.41	-0.0154	2.470	0.0133	1.982	0.0215	2.913	-0.0302	2.832	0.0323	3.82	-0.041	4.963	0.058	4.399	0.0607
8.78	0.523	0.019	0.942	0.0179	1.25	-0.0166	2.343	0.0387	2.591	-0.0299	2.641	0.0096	3.402	-0.0272	4.963	0.0207	4.963	0.0161	4.963	0.0161
8.79	0.602	0.0081	1.126	0.017	1.14	-0.0069	2.156	0.0387	2.315	-0.0229	2.794	0.0245	3.055	-0.0272	4.963	0.0348	4.963	0.0348	4.963	0.0348
8.80	0.579	0.0033	1.191	0.0115	1.70	-0.0038	2.030	0.0387	2.307	-0.0235	2.749	0.0211	3.035	-0.0272	4.963	0.0348	4.963	0.0348	4.963	0.0348
8.81	0.526	-0.0042	1.1	-0.0084	1.37	0.0234	1.729	0.0196	2.981	-0.019	2.479	0.0296	3.863	0.0595	3.59	0.0428	4.963	0.0446	4.963	0.0446
8.82	0.474	-0.0045	0.995	-0.0093	1.658	0.0287	1.531	-0.0163	2.702	-0.0247	2.939	0.0484	4.377	0.0351	3.973	0.0635	4.963	0.0446	4.963	0.0446
8.83	0.441	-0.0042	0.892	-0.009	1.908	0.0197	1.463	-0.0172	2.452	-0.0215	2.458	0.0481	4.451	0.0351	4.062	0.0605	4.963	0.0446	4.963	0.0446
8.84	0.375	0.0042	0.795	0.009	1.920	0.0054	1.597	0.0245	2.146	-0.0247	3.738	0.0141	3.98	0.0405	4.451	0.0351	4.062	0.0446	4.963	0.0446
8.85	0.339	-0.0018	0.705	-0.0099	1.754	0.0151	1.9	0.0321	1.927	-0.0208	3.564	0.0282	3.572	0.0359	3.981	0.0599	3.805	0.0244	4.963	0.0244
8.86	0.351	0.0034	0.68	0.0006	1.584	0.0154	2.261	0.0342	3.232	-0.029	3.19	0.0356	4.253	0.0277	4.716	0.0506	4.963	0.0277	4.963	0.0277
8.87	0.421	0.0038	0.763	0.0115	1.415	0.0245	2.033	0.0315	2.97	0.0303	2.503	0.0303	3.819	0.0341	4.963	0.0348	4.963	0.0348	4.963	0.0348
8.88	0.529	0.0109	0.93	0.0175	1.205	-0.0145	2.374	-0.0168	2.338	0.0394	2.582	-0.0299	2.639	0.0309	3.998	-0.0401	4.963	0.0367	4.963	0.0367
8.89	0.611	0.0084	1.117	0.0173	1.141	0.027	2.154	0.0387	2.468	0.0426	2.305	-0.0228	2.785	0.0239	3.054	-0.0274	4.963	0.0438	4.963	0.0438
8.90	0.565	0.0039	1.196	0.0119	1.174	0.0265	2.035	0.0387	2.327	0.0391	2.235	0.0215	3.447	0.0346	4.963	0.0348	4.963	0.0348	4.963	0.0348
8.91	0.535	-0.0042	1.098	-0.0081	1.965	0.0234	1.725	0.0193	2.988	0.0181	2.465	0.0286	3.864	0.0599	3.35	0.0428	4.963	0.0446	4.963	0.0446
8.92	0.481	-0.0045	0.993	-0.009	1.651	0.0284	1.528	0.0193	2.704	-0.0244	2.924	0.0487	4.336	0.0363	3.961	0.0632	4.963	0.0447	4.963	0.0447
8.93	0.429	-0.0042	0.89	-0.009	1.699	0.0107	1.454	0.0241	2.441	-0.0218	3.451	0.0487	4.353	0.0351	3.973	0.0635	4.963	0.0446	4.963	0.0446
8.94	0.381	0.0024	0.791	0.009	1.719	0.0201	1.582	0.0242	2.172	0.0244	3.739	0.0171	3.971	0.0487	4.351	0.0351	3.973	0.0446	4.963	0.0446
8.95	0.342	-0.0021	0.705	-0.0099	1.748	0.0154	1.932	0.0321	2.928	-0.0208	3.578	0.0359	4.702	-0.0353	3.98	0.0599	3.792	0.0244	4.963	0.0244
8.96	0.35	0.0027	0.68	0.0012	1.579	0.0154	2.252	0.0345	2.827	0.0203	3.243	0.0356	4.711	0.0358	3.968	0.0558	3.808	0.0244	4.963	0.0244
8.97	0.414	0.0042	0.762	0.009	1.405	0.0172	1.415	0.0241	2.470	-0.0215	3.451	0.0487	4.353	0.0351	3.973	0.0635	4.963	0.0446	4.963	0.0446
8.98	0.52	0.0108	0.935	0.0182	1.249	-0.0145	2.38	-0.0168	2.33	0.0394	2.593	-0.0299	2.641	0.0105	3.408	-0.0404	4.963	0.0348	4.963	0.0348
8.99	0.602	0.0084	1.124	0.017	1.138	-0.0069	2.159	-0.0193	2.722	0.0429	2.315	-0.0228	2.782	0.0223	3.058	0.0364	4.963	0.0348	4.963	0.0348
9.00	0.578	-0.0038	1.193	0.0024	1.174	0.0201	1.404	0.0199	2.423	0.02	2.45	0.0215	3.239	0.0506	3.048	0.0462	4.963	0.0348	4.963	0.0348
9.01	0.538	0.0045	1.204	0.0084	1.595	0.0287	1.503	0.0307	2.397	0.0275	2.471	0.0209	3.447	0.0345	4.963	0.0348	4.963	0.0348	4.963	0.0348
9.02	0.473	-0.0042	1.001	-0.009	1.655	0.0287	1.534	-0.0168	2.72	0.0244	2.929	0.0481	4.334	0.0372	3.969	0.0445	4.963	0.0348	4.963	0.0348
9.03	0.423	-0.0042	0.897	-0.0093	1.904	0.0104	1.456	0.0241	2.449	0.0202	3.454	0.0487	4.364	0.0363	3.968	0.0445	4.963	0.0348	4.963	0.0348
9.04	0.374	0.0029	0.790	0.009	1.729	0.0207	1.526	0.0202	2.38	0.0244	3.741	0.0171	3.971	0.0447	4.364	0.0363	3.968	0.0445	4.963	0.0445
9.05	0.339	-0.0021	0.709	-0.0072	1.755	0.0321	1.892	0.0218	2.938	-0.0211	3.582	-0.0256	3.595	0.0365	4.711	-0.0353	3.968	0.0558	3.808	0.0244
9.06	0.35	0.0031	0.682	0.0006	1.585	0.0154	2.252	0.0342	2.842	0.0203	3.204	0.0356	4.711	0.0357	3.973	0.0637	4.963	0.0446	4.963	0.0446
9.07	0.417	0.0042	0.762	0.012	1.415	0.0212	1.415	0.0241	2.470	-0.0215	3.451	0.0487	4.364	0.0351	3.973	0.0635	4.963	0.0446	4.963	0.0446
9.08	0.526	0.0108	0.935	0.0182	1.249	-0.0145	2.38	-0.0168	2.33	0.0394	2.593	-0.0299	2.641	0.0105	3.408	-0.0404	4.963	0.0348	4.963	0.0348
9.09	0.602	0.0084	1.124	0.017	1.138	-0.0069	2.159	-0.0193	2.722	0.0429	2.315	-0.0228	2.782	0.0223	3.058	0.0364	4.963	0.0348	4.963	0.0348
9.10	0.579	-0.0038	1.191																	

9.03	0.479	-0.0042	1.013	-0.009	1.627	0.0384	1.562	-0.0178	2.764	-0.0341	2.886	0.0483	4.243	0.0463	3.858	0.0611	3.851	0.0463	4.963	-0.0507
9.03	0.428	-0.0042	0.909	-0.009	1.891	0.0218	1.458	-0.0045	2.495	-0.0247	3.391	0.0499	4.399	0.0515	4.517	0.0638	3.477	0.0293	4.683	-0.0507
9.04	0.379	-0.0042	0.81	-0.009	1.937	0.0207	1.556	-0.0048	2.229	-0.0247	3.722	0.0215	4.073	0.0358	4.952	0.0268	3.45	0.0097	4.163	-0.0492
9.05	0.341	-0.0042	0.934	-0.009	1.717	0.0203	1.530	-0.0051	1.937	-0.0248	3.616	0.0230	3.881	0.0259	4.782	0.0230	3.524	0.0244	4.203	-0.0507
9.06	0.346	0.0231	0.676	-0.009	1.602	-0.0154	2.2	0.0348	1.828	-0.0081	3.281	-0.0299	3.299	0.0365	4.346	-0.0401	4.655	0.0179	3.873	0.0197
9.07	0.414	0.0085	0.74	-0.009	1.433	0.0154	2.456	0.0185	1.92	0.016	2.948	-0.0302	2.927	0.0341	3.908	-0.041	4.963	0.0064	4.403	0.0071
9.08	0.518	0.012	0.896	-0.017	1.27	0.0148	2.412	-0.0153	2.43	-0.0167	2.626	-0.0256	2.664	-0.0341	3.811	-0.0451	4.963	0.0157	4.963	0.0067
9.09	0.603	0.007	1.003	-0.013	1.03	0.0143	1.15	0.0084	1.909	0.0145	2.333	-0.0245	2.709	0.0231	3.156	-0.0421	4.963	0.0141	4.963	0.0065
9.07	0.589	-0.0033	1.189	0.0052	1.163	0.0067	1.973	-0.0193	2.034	0.0268	2.277	-0.0207	3.096	0.0447	2.986	-0.0012	4.963	0.0046	4.963	-0.0507
9.07	0.538	-0.0045	1.341	-0.0081	1.341	0.0212	1.759	-0.0193	3.043	0.0093	2.417	-0.0263	3.681	0.0354	4.321	-0.0462	4.963	0.0143	4.963	-0.0477
9.07	0.488	0.012	1.51	-0.009	1.231	0.0211	1.551	0.0041	2.773	0.0241	3.53	0.0483	4.239	0.0247	3.554	0.0456	4.963	0.0157	4.963	0.0057
9.07	0.433	-0.0042	0.907	-0.009	1.895	0.0215	1.452	-0.0048	2.502	-0.0205	3.382	0.0508	4.403	0.0119	4.508	0.0641	3.475	0.0293	4.665	-0.0507
9.07	0.385	-0.0039	0.808	-0.0087	1.928	0.0207	1.545	0.0148	2.236	-0.0247	3.724	0.0224	4.083	0.0237	4.93	0.0275	3.443	0.0091	4.149	-0.0489
9.07	0.344	0.0237	0.717	-0.017	1.766	0.0148	1.803	0.0048	1.862	-0.0229	3.425	0.0217	3.691	0.0362	4.744	0.0239	3.482	0.0241	4.788	-0.0507
9.07	0.346	0.0204	0.677	-0.009	1.595	0.0157	2.199	0.0351	1.829	0.0087	3.292	-0.0298	3.307	0.0366	4.354	-0.035	3.918	0.0216	3.478	0.0241
9.07	0.409	0.0079	0.745	-0.017	1.425	0.0154	2.454	0.0194	1.916	0.0157	2.961	-0.0302	2.935	0.0365	4.346	-0.0401	4.963	0.0161	4.389	0.0171
9.07	0.512	0.0112	0.902	0.0173	1.265	0.0145	2.416	-0.0126	2.239	0.0354	2.635	-0.0302	2.668	0.0187	3.405	0.0454	4.963	0.0181	4.403	0.0061
9.07	0.509	0.0107	1.03	-0.013	1.593	0.0143	1.445	0.0084	1.793	0.0273	2.348	-0.0243	2.704	0.0250	3.116	-0.0323	4.963	0.0141	4.963	-0.0507
9.08	0.583	-0.0033	1.196	0.0055	1.161	0.0067	1.971	-0.0193	3.035	0.0272	2.235	-0.0207	3.095	0.0444	2.867	-0.0018	4.934	0.0055	4.963	0.0067
9.07	0.531	-0.0045	1.124	-0.0084	1.341	0.0212	1.763	-0.0193	3.05	0.0268	2.421	0.0206	3.672	0.0554	3.248	0.0341	4.963	0.0147	4.963	-0.0507
9.07	0.479	0.0112	1.22	-0.009	1.02	0.0204	1.524	0.0041	2.749	-0.0241	3.507	0.0483	4.243	0.0207	3.681	0.0456	4.963	0.0143	4.963	-0.0507
9.07	0.426	-0.0045	0.915	-0.009	1.887	0.0218	1.456	-0.0048	2.508	-0.0205	3.382	0.0505	4.412	0.0227	4.508	0.0642	4.964	0.0151	4.964	-0.0507
9.08	0.379	-0.0042	0.816	-0.0087	1.036	0.0204	1.551	0.0148	2.245	-0.0247	3.727	0.0227	4.094	0.0358	4.954	0.0281	3.443	0.0085	4.167	-0.0489
9.05	0.34	-0.0024	0.723	-0.0081	1.774	0.0218	1.559	0.0095	1.888	-0.0229	3.63	0.0214	4.073	0.0358	4.952	0.0268	3.45	0.0097	4.167	-0.0487
9.05	0.346	0.0081	0.816	-0.009	1.433	0.0215	1.545	0.0154	1.907	0.0191	2.964	-0.0302	2.947	0.0347	3.918	0.0461	4.963	0.0164	4.404	0.0061
9.07	0.512	0.0112	0.896	0.017	1.425	0.0148	2.423	-0.0124	2.423	0.0351	2.423	-0.0296	2.676	0.0404	3.506	0.0519	4.963	0.0181	4.404	0.0061
9.07	0.519	0.0079	0.745	-0.017	1.403	0.0157	2.039	0.0209	2.327	0.0345	2.343	0.0203	3.717	0.0223	3.023	0.0441	4.963	0.0141	4.389	0.0161
9.07	0.509	-0.0033	1.187	0.0055	1.16	0.0064	1.982	-0.0202	3.028	0.0272	2.235	0.0303	3.084	0.0455	2.966	-0.0024	4.963	0.0049	4.963	0.0049
9.09	0.501	-0.0042	1.115	-0.0081	1.337	0.0173	1.537	0.0148	2.423	0.0194	3.044	0.0265	4.059	0.0359	4.951	0.0209	3.459	0.0459	4.409	0.0049
9.09	0.541	0.0042	1.126	-0.0081	1.342	0.0209	1.764	-0.0196	3.052	0.0273	2.412	0.0357	3.211	0.0345	4.342	0.0221	3.421	0.0462	4.403	0.0047
9.07	0.512	0.0145	1.021	-0.009	1.621	0.0148	1.545	0.0048	2.051	0.0251	2.514	-0.0205	3.372	0.0505	4.411	0.0201	3.681	0.0456	4.407	0.0057
9.07	0.426	-0.0042	0.917	-0.009	1.889	0.0218	1.456	0.0061	2.502	0.0265	3.374	0.0499	4.404	0.0207	3.428	0.0462	4.964	0.0151	4.964	-0.0507
9.03	0.434	-0.0042	0.907	-0.009	1.889	0.0215	1.545	0.0061	2.502	0.0264	3.374	0.0499	4.404	0.0207	3.428	0.0463	4.963	0.0151	4.963	-0.0507
9.04	0.386	-0.0042	0.8																	

9.247	0.405	0.079	0.721	0.0079	1.448	-0.0157	2.431	0.0234	1.879	0.0106	2.098	-0.0302	3.027	-0.035	3.996	-0.0407	4.963	0.0707	4.404	0.0064
9.248	0.512	0.012	0.865	0.0157	1.285	-0.0148	2.446	-0.0072	2.154	0.0321	2.673	-0.0302	2.712	0.0253	3.572	-0.0404	4.963	0.0287	4.963	0.081
9.249	0.602	0.078	0.105	0.0188	1.155	-0.0096	2.226	-0.0193	2.577	0.0432	2.372	-0.0296	2.658	0.0349	3.174	-0.0353	4.963	0.0341	4.963	0.0635
9.250	0.555	0.013	1.162	0.0042	1.555	0.0049	2.301	0.0096	2.393	0.0423	2.236	-0.0303	2.659	0.0281	3.241	-0.0363	4.963	0.0209	4.963	0.0348
9.251	0.543	-0.0042	1.133	-0.0075	1.318	0.0197	1.799	0.0196	3.078	-0.0099	2.372	0.0234	3.504	0.0568	3.17	0.029	4.432	0.0465	4.963	0.0477
9.252	0.491	-0.0042	1.028	-0.009	1.593	0.0278	1.592	-0.0184	2.837	-0.0203	2.779	0.0444	4.109	0.055	3.698	0.0571	3.953	0.0466	4.963	0.0507
9.253	0.438	-0.0042	0.925	-0.009	1.486	-0.0081	1.458	-0.0184	2.845	-0.0207	3.1	0.0514	4.409	0.016	3.551	0.0682	4.668	0.0505	4.968	0.0507
9.254	0.389	-0.0042	0.825	-0.009	1.338	0.1	1.541	-0.0184	2.824	-0.0207	3.701	0.0321	4.102	0.0303	3.409	0.0303	4.511	0.0346	4.963	0.0486
9.255	0.347	-0.0024	0.73	-0.0081	1.783	0.0148	2.038	-0.0238	3.688	0.0154	3.798	-0.0356	4.874	0.0169	3.724	-0.0417	3.972	0.025	4.963	0.025
9.256	0.345	0.019	0.676	0.0148	2.127	-0.0021	1.613	0.0154	2.127	0.0357	3.338	-0.0296	3.413	-0.0359	4.445	-0.0395	4.968	0.0305	4.963	0.0203
9.257	0.439	0.019	0.724	0.0179	1.443	0.0143	2.033	0.0151	1.87	0.0261	3.508	-0.0303	3.337	0.0403	4.503	0.0113	4.433	0.0307	4.963	0.0203
9.258	0.592	0.0168	0.869	0.0167	1.28	-0.0148	2.446	-0.0069	2.147	0.0318	2.682	-0.0299	2.719	0.0253	3.582	-0.0404	4.963	0.0181	4.963	0.0348
9.259	0.595	0.0179	0.869	0.0167	1.28	-0.0148	2.446	-0.0069	2.147	0.0318	2.682	-0.0299	2.719	0.0253	3.582	-0.0404	4.963	0.0181	4.963	0.0348
9.260	0.503	0.0163	1.193	0.0148	1.553	0.0049	2.313	0.0066	2.336	0.0436	2.236	-0.0309	2.656	0.0242	3.494	-0.0346	4.963	0.0345	4.963	0.0348
9.261	0.536	-0.0042	1.144	-0.0078	1.318	0.02	1.8	-0.0196	3.083	0.0003	2.378	0.0218	3.496	0.0568	3.168	0.0281	4.963	0.0346	4.963	0.0347
9.262	0.483	-0.0042	1.037	-0.009	1.595	0.0281	1.596	-0.0187	2.847	-0.0226	2.783	0.0447	4.102	0.055	3.689	0.0571	3.96	0.0456	4.963	0.0457
9.263	0.431	-0.0042	0.934	-0.009	1.668	0.0223	1.463	-0.0081	2.57	0.0247	3.311	0.0511	4.412	0.017	3.698	0.0665	3.154	0.0259	4.963	0.0507
9.264	0.381	-0.0042	0.834	-0.007	1.545	0.0203	1.517	-0.0184	2.308	-0.0204	3.703	0.0291	4.204	0.0171	3.494	0.0303	4.511	0.0346	4.963	0.0347
9.265	0.342	-0.0024	0.739	-0.0084	1.792	0.0148	2.044	-0.0281	3.672	-0.0154	4.049	0.0359	4.885	0.0118	3.722	0.0408	3.807	0.0244	4.963	0.0244
9.266	0.342	0.024	0.681	0.0154	2.126	-0.0024	1.62	0.0154	2.054	0.0354	3.341	-0.0296	3.426	0.0359	4.454	-0.0398	3.974	0.0197	4.963	0.0203
9.267	0.343	0.024	0.681	0.0154	2.126	-0.0024	1.62	0.0154	2.054	0.0354	3.341	-0.0296	3.426	0.0359	4.454	-0.0398	3.974	0.0197	4.963	0.0203
9.268	0.599	0.0109	0.863	0.0167	1.286	-0.0148	2.452	-0.0068	2.154	0.0318	2.688	-0.0299	2.726	0.0253	3.593	-0.0404	4.963	0.0305	4.963	0.081
9.269	0.604	0.0082	1.051	0.0182	1.156	0.0096	2.236	0.0196	2.57	0.0428	2.388	-0.0272	2.684	0.0237	3.193	-0.0365	4.963	0.0326	4.963	0.0641
9.270	0.545	-0.0033	1.179	0.0065	1.553	0.0143	2.014	0.0196	2.57	0.0428	2.233	-0.0295	2.951	0.0306	3.274	-0.0406	4.963	0.0349	4.963	0.0649
9.271	0.494	-0.0042	1.042	-0.0078	1.595	0.0281	1.591	-0.0187	2.841	-0.0226	2.776	0.0444	4.091	0.055	3.688	0.0562	4.963	0.0345	4.963	0.0347
9.272	0.494	-0.0045	1.028	-0.0084	1.591	0.0281	1.6	-0.0187	2.841	-0.0226	2.776	0.0444	4.091	0.055	3.688	0.0562	4.963	0.0345	4.963	0.0347
9.273	0.44	-0.0042	0.923	-0.009	1.563	0.0233	1.463	-0.0084	2.576	0.0247	3.3	0.0514	4.409	0.0191	3.439	0.0665	3.535	0.0265	4.963	0.0507
9.274	0.391	-0.0042	0.822	-0.009	1.533	0.0203	1.512	-0.0187	2.305	-0.0226	2.594	0.0308	4.215	0.0208	3.309	0.0215	4.515	0.0346	4.963	0.0348
9.275	0.35	-0.0027	0.728	-0.0081	1.79	0.0148	2.115	-0.0281	3.038	0.0241	3.688	-0.0158	3.825	0.0256	4.886	-0.0145	3.702	0.0247	4.963	0.0247
9.276	0.346	-0.0022	0.678	-0.007	1.62	0.0154	2.054	-0.0207	1.45	0.0154	3.351	-0.0299	3.44	0.0362	4.465	-0.0398	3.979	0.0197	4.963	0.0203
9.277	0.347	-0.0027	0.678	-0.007	1.62	0.0154	2.054	-0.0207	1.45	0.0154	3.351	-0.0299	3.44	0.0362	4.465	-0.0398	3.979	0.0197	4.963	0.0203
9.278	0.594	0.0076	1.056	0.0188	1.156	0.0096	2.236	-0.0193	2.57	0.0429	2.383	-0.0299	2.649	0.0331	3.181	-0.0355	4.963	0.0223	4.963	0.0638
9.279	0.585	-0.003	1.169	0.0091	1.156	0.0052	2.214	-0.0196	2.56	0.0445	2.299	-0.0272	2.652	0.0306	3.274	-0.0359	4.963	0.0204	4.963	0.0649
9.280	0.535</td																			

9.433	0.495	-0.0042	1.047	-0.009	1.568	0.0375	1.626	-0.019	2.9	0.0226	3.71	0.0423	3.95	0.0589	3.562	0.0528	4.054	0.0459	4.963	0.051
9.433	0.443	-0.0042	0.946	-0.009	1.544	0.0264	1.488	0.0082	2.623	0.0247	3.234	0.0517	4.231	0.0665	3.606	0.0404	4.67	0.0507	4.963	0.051
9.434	0.392	-0.0042	0.944	-0.009	1.543	0.0264	1.487	0.0082	2.587	0.0247	3.688	0.0333	4.301	0.0472	3.398	0.0384	4.155	0.0492	4.963	0.051
9.435	0.353	-0.0042	0.743	-0.001	1.5	0.0263	1.713	0.0082	2.534	0.0247	3.701	0.0333	3.908	0.0325	3.627	0.0303	3.733	0.0347	4.963	0.051
9.436	0.341	0.0015	0.681	-0.0039	1.628	0.0154	2.062	0.0361	1.978	0.0199	3.385	0.0293	3.519	0.0359	4.534	0.0325	4.225	0.0495	3.962	0.0197
9.437	0.396	0.0073	0.709	0.0064	1.458	0.0151	2.394	0.0278	1.842	0.0043	3.051	0.0305	3.141	0.0359	4.096	0.0407	4.963	0.0611	4.963	0.051
9.438	0.494	0.0049	0.509	0.0089	1.639	0.0151	2.471	0.0154	2.607	0.0275	2.726	0.0303	2.789	0.0305	3.686	0.0405	4.963	0.0417	4.963	0.051
9.439	0.509	0.0049	0.502	0.0089	1.528	0.0151	1.16	0.0255	2.274	0.0147	2.467	0.0147	2.451	0.0224	2.438	0.0203	3.267	0.0313	4.963	0.0396
9.440	0.59	-0.0024	1.18	0.0115	1.144	0.0267	2.055	0.0199	2.901	0.0387	2.239	0.0102	2.838	0.0284	2.903	0.0168	4.963	0.0453	4.963	0.0505
9.441	0.538	-0.0024	1.63	-0.0006	1.297	0.0267	1.836	0.0196	3.092	0.0226	2.342	0.0196	3.33	0.0206	4.548	0.0529	4.963	0.0447	4.963	0.0505
9.442	0.489	0.0049	1.58	0.0037	1.537	0.0267	1.531	0.0226	2.716	0.0242	3.243	0.0343	3.343	0.0203	4.503	0.0459	4.963	0.0503	4.963	0.0505
9.443	0.434	-0.0045	0.955	-0.009	1.849	0.0261	1.476	0.0105	2.632	0.0247	3.239	0.0154	4.378	0.0296	4.228	0.0665	3.614	0.0404	4.69	0.051
9.444	0.386	-0.0045	0.85	-0.009	1.951	0.0261	1.491	0.0105	2.63	0.0247	3.669	0.0333	4.312	0.0199	4.816	0.0478	3.403	0.0303	4.172	0.0489
9.445	0.343	0.003	0.753	-0.0037	1.605	0.0145	1.716	0.0266	2.60	0.0244	3.708	0.0303	3.908	0.0325	3.627	0.0303	3.733	0.0347	4.963	0.051
9.446	0.341	0.0022	0.485	-0.0042	1.636	0.0157	2.094	0.0244	1.862	0.0169	3.398	0.0293	3.511	0.0362	4.549	0.0392	4.223	0.0647	3.978	0.0197
9.447	0.398	0.0076	0.706	0.0055	1.465	0.0151	2.395	0.0275	1.85	0.004	3.058	0.0305	3.153	0.0358	4.109	0.0407	4.963	0.0604	4.963	0.051
9.448	0.501	0.0112	0.833	0.0148	1.301	0.0154	2.473	0.012	2.072	0.0275	2.73	0.0314	3.669	0.0272	4.963	0.042	4.963	0.051	4.963	0.051
9.449	0.589	0.0056	1.205	0.0101	1.201	0.0191	1.508	0.0266	2.231	0.0275	2.454	0.0206	2.455	0.0206	2.336	0.0305	4.503	0.0397	4.963	0.0508
9.450	0.591	-0.0027	1.178	0.0118	1.149	0.0261	2.058	0.0199	2.889	0.0393	2.235	0.0108	2.825	0.0275	2.99	0.0169	4.963	0.0404	4.963	0.0504
9.451	0.602	-0.0024	1.169	0.0118	1.145	0.0261	2.058	0.0199	2.898	0.0384	2.238	0.0108	2.841	0.0278	3.002	0.0169	4.963	0.0404	4.963	0.0504
9.451	0.55	-0.0045	1.51	-0.0006	1.292	0.0188	1.84	0.0196	2.056	0.0306	2.338	0.0182	2.338	0.0206	3.328	0.0202	4.963	0.0445	4.963	0.0505
9.452	0.448	0.0049	1.24	0.0101	1.507	0.0261	1.501	0.0226	2.058	0.0247	2.479	0.0206	2.479	0.0206	2.338	0.0305	4.503	0.0397	4.963	0.0505
9.453	0.444	-0.0042	0.944	-0.009	1.842	0.0248	1.476	0.0108	2.625	0.0247	3.229	0.0154	4.386	0.0296	4.218	0.0659	3.627	0.0407	4.88	0.0507
9.454	0.396	-0.0042	0.843	-0.0087	1.548	0.0261	1.491	0.0076	2.354	0.0247	3.682	0.0333	4.302	0.0202	4.803	0.0478	3.411	0.0306	4.162	0.0489
9.455	0.455	-0.003	0.745	-0.0084	1.607	0.0264	1.711	0.0257	2.059	0.0244	2.501	0.0144	3.701	0.0208	3.911	0.0325	3.627	0.0303	3.902	0.0405
9.456	0.396	0.0073	0.704	0.0081	1.465	0.0154	2.39	0.0278	1.835	0.0037	3.052	0.0302	3.144	0.0305	4.098	0.0407	4.963	0.0607	4.963	0.051
9.457	0.396	0.0073	0.704	0.0081	1.465	0.0154	2.39	0.0278	1.835	0.0037	3.052	0.0302	3.144	0.0305	4.098	0.0407	4.963	0.0607	4.963	0.051
9.458	0.495	0.0106	0.833	0.0148	1.3	0.0154	2.473	0.0269	2.056	0.0206	2.732	0.0314	3.669	0.0272	4.963	0.042	4.963	0.051	4.963	0.051
9.459	0.589	0.0056	1.205	0.0101	1.503	0.0261	1.503	0.0226	2.379	0.0245	2.455	0.0206	2.455	0.0206	2.336	0.0305	4.503	0.0397	4.963	0.0508
9.460	0.591	-0.0027	1.178	0.0118	1.149	0.0261	2.058	0.0199	2.889	0.0393	2.235	0.0108	2.825	0.0275	2.99	0.0169	4.963	0.0404	4.963	0.0504
9.461	0.537	-0.0039	1.162	0.0096	1.162	0.0261	1.501	0.0227	2.051	0.0199	2.888	0.0387	2.236	0.0202	2.727	0.0305	3.609	0.0405	4.963	0.0507
9.462	0.448	0.0049	1.24	0.0101	1.503	0.0261	1.503	0.0226	2.058	0.0247	2.479	0.0206	2.479	0.0206	2.338	0.0305	4.503	0.0397	4.963	0.0507
9.463	0.434	-0.0042	0.955	-0.009	1.842	0.0248	1.476	0.0108	2.625	0.0247	3.229	0.0154	4.386	0.0296	4.218	0.0659	3.627	0.0407	4.88	0.0507
9.464	0.444																			

9.617	0.388	0.007	0.693	0.0043	1.474	-0.0154	2.345	0.0308	1.837	-0.0015	3.098	-0.0302	3.24	0.0356	4.185	-0.0407	4.83	0.075	4.393	0.0607
9.618	0.485	0.0103	0.807	0.0119	1.309	-0.0148	2.481	0.0046	1.995	0.023	2.771	-0.0302	2.876	0.0355	3.793	-0.0407	4.963	0.052	4.963	0.0813
9.619	0.584	0.0094	0.869	0.0188	1.169	-0.0114	2.31	0.0393	2.667	-0.0287	2.461	-0.035	2.947	0.0142	3.338	-0.0395	4.963	0.065	4.963	0.0595
9.620	0.595	0.0091	1.116	0.0142	1.133	0.0232	2.003	0.0196	2.611	0.0223	2.249	-0.0245	2.417	0.0167	3.021	-0.0329	4.963	0.047	4.963	0.0598
9.621	0.544	-0.0039	1.179	-0.0013	1.274	0.0175	1.975	0.0193	2.097	0.0145	2.305	-0.0205	3.176	0.0481	3.037	0.0121	4.649	0.0462	4.963	0.0477
9.622	0.492	-0.0045	1.074	-0.009	1.534	0.0272	1.866	-0.0193	2.968	0.0205	2.651	0.039	3.775	0.0482	3.042	0.0062	4.162	0.0462	4.963	0.051
9.623	0.437	-0.0042	0.972	-0.009	1.603	0.026	1.491	0.026	2.603	-0.0123	2.603	0.034	3.161	0.0514	3.016	0.0164	4.076	0.0463	4.963	0.0507
9.624	0.391	-0.0042	0.898	-0.009	1.351	0.0059	1.473	0.0243	2.423	0.0247	3.167	0.0204	3.498	0.0515	3.057	0.0057	4.177	0.0463	4.963	0.0492
9.625	0.347	-0.0033	0.77	-0.0087	1.842	0.0142	1.666	0.0233	2.158	-0.0244	3.728	-0.021	4.025	0.0347	4.956	0.0085	3.542	0.0245	3.81	0.025
9.626	0.338	0.0012	0.691	0.0139	1.481	0.0231	2.051	0.0239	1.922	0.0202	3.436	-0.0209	3.637	0.0359	4.637	0.0359	4.963	0.0599	4.963	0.0194
9.627	0.351	0.0038	0.594	0.0137	1.48	0.0193	2.058	0.0238	1.833	0.0215	3.101	-0.0203	3.235	0.0353	4.251	0.0357	4.963	0.0504	4.963	0.0504
9.628	0.491	0.0106	0.802	0.0136	1.317	-0.0148	2.454	0.0049	2	0.023	2.774	-0.0302	2.888	0.0395	3.767	-0.041	4.963	0.081	4.963	0.0644
9.629	0.593	0.0094	0.982	0.0188	1.174	-0.0114	2.31	0.0393	2.667	-0.0287	2.461	-0.035	2.658	0.0142	3.338	-0.0395	4.963	0.065	4.963	0.0644
9.630	0.407	0.0048	1.15	0.0142	1.14	0.0193	2.003	0.0246	2.616	0.0147	2.249	-0.0245	2.751	0.0161	3.034	-0.0325	4.963	0.0447	4.963	0.0492
9.631	0.565	-0.0039	1.168	-0.0013	1.271	0.0173	1.98	0.0199	2.078	0.0205	2.802	0.0158	3.177	0.0475	3.045	0.0121	4.693	0.0462	4.963	0.0477
9.632	0.502	-0.0045	1.064	-0.0087	1.529	0.0272	1.67	0.0193	2.961	0.0205	2.643	0.039	3.77	0.0488	3.438	0.0048	4.178	0.0462	4.963	0.051
9.633	0.449	-0.0042	0.963	-0.009	1.82	0.026	1.494	0.0268	2.686	-0.0244	3.151	0.0514	3.429	0.0147	4.071	0.085	3.712	0.0435	4.963	0.0507
9.634	0.399	-0.0042	0.82	-0.007	1.58	0.0207	1.543	0.0243	2.415	-0.0237	1.932	0.0281	3.175	0.0305	4.798	0.0153	3.427	0.0475	4.157	0.0492
9.635	0.396	-0.0033	0.762	-0.009	1.822	0.0142	1.658	0.0203	2.164	-0.0244	3.722	-0.018	4.036	0.0344	4.954	0.0097	3.525	0.0236	3.803	0.0238
9.636	0.342	0.0059	0.686	-0.0051	1.651	0.0154	1.991	0.0242	1.913	0.0205	3.432	0.0287	3.628	0.0362	4.624	0.0252	3.871	0.0197	4.963	0.0245
9.637	0.331	0.0047	0.69	0.0104	1.48	0.0184	2.051	0.0239	1.827	0.0218	3.007	-0.0203	3.245	0.0359	4.211	0.0317	4.963	0.0507	4.963	0.0207
9.638	0.485	0.0103	0.803	0.0139	1.317	-0.0151	2.476	0.0052	1.983	0.0224	2.771	-0.0302	2.88	0.0358	3.765	-0.041	4.963	0.0523	4.963	0.081
9.639	0.584	0.0088	0.864	0.0188	1.174	-0.0114	2.31	0.039	2.55	0.0209	2.459	0.039	3.24	0.0145	3.338	-0.0398	4.963	0.0641	4.963	0.0202
9.640	0.595	-0.0018	1.157	0.0145	1.142	0.0203	2.051	0.0239	1.974	0.0246	2.248	0.035	3.23	0.0146	3.319	-0.038	4.963	0.0644	4.963	0.0202
9.641	0.491	-0.0042	1.076	-0.0084	1.533	0.0269	1.668	0.0193	2.975	0.0205	2.637	0.039	3.756	0.0599	3.417	0.0469	4.181	0.0459	4.963	0.0507
9.642	0.439	-0.0042	0.973	-0.0093	1.621	0.0237	1.491	0.0136	2.711	0.0244	3.148	0.0511	3.479	0.0432	4.679	0.0435	4.963	0.051	4.963	0.0492
9.643	0.394	0.0047	0.782	0.012	1.509	0.0209	1.649	0.0243	2.423	0.0245	3.165	0.0308	3.208	0.0345	4.792	0.0307	4.963	0.0503	4.963	0.0202
9.644	0.339	0.0033	0.772	-0.009	1.822	0.0142	1.658	0.0203	2.164	-0.0244	3.727	-0.018	4.036	0.0341	4.954	0.0097	3.525	0.0236	3.803	0.0238
9.645	0.346	-0.0033	0.772	-0.009	1.822	0.0142	1.658	0.0203	2.164	-0.0244	3.727	-0.018	4.036	0.0341	4.954	0.0097	3.525	0.0236	3.803	0.0238
9.646	0.338	0.0015	0.692	-0.0057	1.649	0.0154	1.99	0.0242	2.331	0.0205	2.637	0.0308	3.268	0.0362	4.647	0.0307	4.963	0.0505	4.963	0.0202
9.647	0.339	0.0017	0.691	0.0101	1.479	0.0141	1.641	0.0243	2.454	0.0205	2.794	-0.0202	3.249	0.0307	4.647	0.0307	4.963	0.0505	4.963	0.0202
9.648	0.49	0.0109	0.799	0.0136	1.314	-0.018	2.453	0.0055	1.989	0.0218	2.778	-0.0302	2.895	0.0338	3.775	-0.0407	4.963	0.0513	4.963	0.0813
9.649	0.591	-0.0094	0.977	0.0185	1.173	0.015	1.37	0.0215	2.318	0.0207	2.466	0.035	3.24	0.0151	3.359	-0.0398	4.963	0.0503	4.963	0.0604
9.650	0.607	0.0012																		

9.803	0.496	-0.0042	1.093	-0.0084	1.508	0.0366	1.699	-0.0193	3.029	-0.0124	2.587	0.0363	3.813	0.0586	3.304	0.0405	4.266	-0.0482	4.963	-0.0507
9.803	0.443	-0.0045	0.989	-0.009	1.513	0.0272	2.754	-0.0244	3.081	0.0508	4.193	0.0508	3.929	0.0629	3.792	-0.0445	4.991	-0.051		
9.804	0.394	-0.0039	0.886	-0.009	1.951	0.0078	1.462	0.0009	3.493	-0.0205	3.577	0.0426	4.417	0.0582	4.601	0.0617	3.446	-0.0495	4.917	-0.0523
9.805	0.353	-0.0033	0.738	-0.009	1.529	0.0193	1.616	0.0020	2.237	-0.0247	3.741	0.0403	4.433	0.0525	4.452	-0.0417	3.479	-0.0524	4.911	-0.0523
9.806	0.338	0.0009	0.701	-0.0096	1.667	0.0154	1.932	0.0033	1.965	0.0223	3.484	-0.0284	3.739	0.0356	4.733	-0.0344	3.935	0.0541	3.877	0.0197
9.807	0.384	0.007	0.688	0.0015	1.496	0.0151	1.633	0.0033	1.832	-0.0098	3.15	0.0302	3.355	0.0362	4.203	-0.0407	4.88	0.0731	4.401	0.0604
9.808	0.441	0.0009	0.774	0.0017	1.331	0.0154	1.942	0.0040	1.962	0.0162	2.624	-0.0203	2.982	0.0367	3.607	-0.0407	4.963	0.0517	4.404	0.081
9.809	0.565	0.0027	0.547	0.0179	1.184	0.0121	1.551	0.0175	2.353	0.0203	3.508	0.0296	2.499	0.0302	3.008	0.0317	4.549	0.0482	4.963	0.0541
9.810	0.612	-0.0003	1.126	0.016	1.135	0.0193	2.131	0.0193	2.71	0.0432	2.266	-0.0175	2.691	0.01	3.078	-0.0287	4.963	0.0432	4.963	0.0541
9.811	0.559	-0.0042	1.179	0.0003	1.251	0.0116	1.916	-0.0193	3.045	0.0299	2.275	-0.0199	3.037	0.0307	4.768	0.0445	4.963	0.0465	4.963	-0.0477
9.812	0.507	0.0042	1.032	0.0204	1.503	0.0303	2.321	0.0214	2.581	0.0303	3.055	0.0302	3.455	0.0302	4.278	0.0445	4.933	0.0507	4.963	0.0507
9.813	0.454	-0.0045	0.979	-0.0093	1.794	0.0272	1.515	-0.0157	2.747	-0.0241	3.074	0.0505	4.183	0.0508	3.929	0.0628	4.694	-0.051	4.963	-0.0489
9.814	0.404	-0.0042	0.878	-0.0087	1.948	0.0079	1.459	0.0006	2.475	-0.0247	3.567	0.0426	4.405	0.0507	4.405	0.0607	3.456	0.0541	4.184	0.0489
9.815	0.500	0.0043	0.779	-0.000	1.869	0.0193	1.811	0.0154	2.321	-0.0247	3.735	0.0245	4.432	0.0520	4.345	0.0448	3.944	0.0520	4.963	0.0520
9.816	0.341	0.0008	0.604	-0.0096	1.666	0.0154	1.926	0.0033	1.957	0.0223	3.478	-0.0281	3.732	0.0362	4.72	-0.0347	3.935	0.0517	4.963	0.0517
9.817	0.384	0.0084	0.68	0.0019	1.494	0.0154	2.285	0.0033	0.033	0.0072	3.145	-0.0302	3.347	0.0358	4.282	-0.0404	4.655	0.0519	3.877	0.0197
9.818	0.475	0.0103	0.774	0.0124	1.33	0.0151	1.503	0.0153	1.813	0.0173	2.819	0.0232	3.505	0.0356	4.844	-0.0407	4.963	0.0511	4.401	0.0604
9.819	0.277	0.0007	0.949	0.0182	1.183	0.0163	1.185	0.0171	1.291	0.0203	2.504	0.0298	2.811	0.0322	3.428	0.0403	4.963	0.0504	4.963	0.0504
9.820	0.6	-0.0009	1.133	0.0163	1.193	0.0163	2.129	0.0198	2.129	0.0403	2.699	0.0403	2.962	-0.0172	2.674	0.0368	3.066	0.0293	4.963	0.0549
9.821	0.548	-0.0039	1.189	0.0006	1.256	0.0167	1.914	0.0167	2.344	0.0254	3.044	0.0254	3.272	0.0307	3.019	0.0337	4.292	0.0462	4.963	0.0547
9.822	0.489	0.0008	1.245	0.0164	1.504	0.0204	1.901	0.0204	2.344	0.0254	3.054	0.0254	3.272	0.0307	3.019	0.0337	4.292	0.0462	4.963	0.0547
9.823	0.443	-0.0042	0.992	-0.0093	1.798	0.0269	1.514	-0.0157	2.76	-0.0241	3.072	0.0505	4.176	0.0505	3.909	0.0629	3.795	-0.0445	4.983	-0.0507
9.824	0.393	-0.0045	0.889	-0.009	1.948	0.0276	1.457	0.0003	2.488	-0.0245	3.565	0.0432	4.416	0.0504	3.442	0.0529	4.163	0.0462	4.963	0.0507
9.825	0.346	0.0003	1.79	-0.009	1.838	0.0139	1.61	0.0202	2.221	0.0244	3.454	0.0524	4.443	0.0526	4.946	0.0509	3.603	0.0545	4.963	0.0507
9.826	0.398	0.0008	0.794	0.0090	1.565	0.0154	1.958	0.0153	2.348	0.0206	3.494	0.0294	3.753	0.0355	4.311	0.0441	3.911	0.0502	4.963	0.0507
9.827	0.382	0.0007	0.883	0.0009	1.494	0.0154	2.285	0.0033	1.83	0.0167	3.153	-0.0302	3.364	0.0362	4.299	-0.0404	4.633	0.0507	4.963	0.0507
9.828	0.479	0.0103	0.77	0.0118	1.494	0.0154	2.476	0.0109	1.933	0.0167	2.832	-0.0302	3.296	0.0354	4.276	0.0405	4.963	0.0513	4.401	0.0604
9.829	0.554	0.0042	1.171	0.0202	1.542	0.0162	1.555	0.0171	1.772	0.0203	2.536	0.0209	2.899	0.0329	3.449	0.0404	4.963	0.0507	4.963	0.0507
9.830	0.611	-0.0006	1.126	0.0167	1.133	0.0167	0	0.0217	2.137	0.0196	2.691	0.0403	2.273	-0.0181	2.684	0.0308	3.083	0.0293	4.963	0.0505
9.831	0.559	-0.0039	1.182	0.0009	1.248	0.0161	1.919	0.0161	2.348	0.0206	3.044	0.0206	3.273	0.0277	3.021	0.0342	4.778	0.0402	4.963	0.0504
9.832	0.442	-0.0042	0.989	-0.009	1.797	0.0272	1.52	0.0198	2.129	0.0241	3.056	0.0505	4.145	0.0505	3.908	0.0629	3.795	-0.0445	4.983	-0.0507
9.833	0.454	-0.0042	0.985	-0.009	1.79	0.0275	1.516	-0.0157	2.762	-0.0241	3.096	0.0508	4.172	0.052	3.814	0.0545	4.963	0.0507	4.963	0.0507
9.834	0.403	-0.0042	0.884	-0.009	1.946	0.0262	1.457	0.0003	2.489	-0.0245	3.562	0.0432	4.417	0.052	3.474	0.0526	4.266	-0.0445	4.168	-0.0442
9.835</td																				

0.987	0.379	0.0084	0.681	0	1.513	-0.0157	2.236	0.0345	1.842	-0.0114	3.198	-0.0302	3.458	-0.0365	4.386	-0.0401	4.494	-0.071	4.404	-0.0607
0.988	0.471	0.0103	0.751	0.0103	1.346	-0.0148	2.47	0.0154	1.896	-0.0124	2.869	-0.0302	3.078	-0.0356	3.949	-0.041	4.963	-0.088	4.963	-0.081
0.989	0.579	0.0103	0.912	0.0173	1.197	-0.0113	2.391	0.0157	1.857	-0.0103	2.56	-0.0299	2.749	-0.0374	3.525	-0.0404	4.963	-0.0215	4.963	-0.0644
0.990	0.513	0.0103	1.103	0.0175	1.234	-0.0123	2.396	0.0159	1.932	-0.0111	2.507	-0.0297	2.837	-0.0365	3.244	-0.0433	4.963	-0.0203	4.963	-0.0602
0.991	0.564	-0.0039	1.186	0.0037	1.205	0.0146	1.952	-0.0196	2.907	0.0098	2.058	-0.0055	2.257	-0.0339	2.916	-0.0402	4.963	-0.0474	4.963	-0.0474
0.992	0.512	-0.0045	1.104	-0.0081	1.475	0.0206	1.74	-0.0193	3.063	0.0042	2.522	-0.033	3.444	-0.0553	3.229	-0.033	4.963	-0.0468	4.963	-0.051
0.993	0.459	-0.0042	1.001	-0.0009	1.77	0.0176	1.542	-0.0169	2.813	0.0041	3.002	-0.0568	3.448	-0.0568	3.509	-0.0562	3.764	-0.0466	4.963	-0.0507
0.994	0.409	-0.0045	0.867	-0.0009	1.945	0.0195	1.445	-0.0121	2.303	0.0045	2.536	-0.0247	3.509	-0.0496	4.346	-0.0462	4.569	-0.0403	4.469	-0.0402
0.995	0.362	-0.0033	0.799	-0.0009	1.853	0.0133	1.573	0.017	2.272	-0.0247	3.74	-0.0109	4.227	-0.0293	4.91	-0.0365	3.44	-0.0268	3.802	-0.0247
0.996	0.341	0.0001	0.737	0	1.51	0.0144	2.337	0.0148	1.857	0.0171	2.012	-0.0205	3.524	-0.0365	3.833	-0.0459	3.869	-0.0197	4.369	-0.0207
0.997	0.379	0.0081	0.737	0	1.51	0.0144	2.337	0.0148	1.857	0.0171	2.012	-0.0205	3.524	-0.0365	3.833	-0.0459	3.869	-0.0197	4.369	-0.0207
0.998	0.465	0.01	0.749	0.0109	1.344	-0.0148	2.465	0.0157	1.881	0.0115	2.865	-0.0302	3.068	-0.0365	4.963	-0.0407	4.963	-0.081	4.963	-0.081
0.999	0.571	0.01	0.913	0.0175	1.195	-0.0175	2.398	0.0157	1.95	-0.013	2.546	-0.0293	2.737	-0.0365	3.517	-0.0404	4.963	-0.0215	4.963	-0.0644
0.0	0.405	0.0003	1.005	0.0162	1.235	0.0049	1.505	0.0049	1.869	0.0175	2.267	-0.0205	2.833	-0.0365	3.159	-0.0405	4.963	-0.0205	4.963	-0.0602
0.001	0.553	-0.0042	1.195	0.0046	1.239	0.0148	1.951	-0.0196	2.902	0.0321	2.251	-0.0055	2.895	-0.0369	2.975	-0.0408	4.963	-0.0477	4.963	-0.0507
0.002	0.5	-0.0042	1.118	-0.0081	1.48	0.0206	1.739	-0.0196	3.069	-0.0033	2.518	-0.0327	3.426	-0.0558	3.207	-0.033	4.37	-0.0388	4.963	-0.0473
0.003	0.446	-0.0042	1.011	-0.0003	1.774	0.0275	1.54	-0.0169	2.824	-0.0225	2.996	-0.0406	4.207	-0.0577	3.765	-0.0595	3.89	-0.0456	4.963	-0.051
0.004	0.409	-0.0042	0.932	-0.0009	1.444	0.0203	1.453	-0.0196	2.843	-0.0225	3.508	-0.0405	4.041	-0.0577	3.524	-0.0524	4.487	-0.0403	4.963	-0.0483
0.005	0.352	-0.0036	0.808	-0.0009	1.853	0.0133	1.566	0.0167	2.285	-0.0247	3.747	-0.0121	4.249	-0.0287	4.913	-0.0327	3.433	-0.0268	3.805	-0.0205
0.006	0.335	0.0003	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.007	0.335	0.0003	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.008	0.377	0.0084	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.009	0.377	0.0084	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.010	0.377	0.0084	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.011	0.377	0.0084	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.012	0.377	0.0084	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.013	0.377	0.0084	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.014	0.377	0.0084	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.015	0.377	0.0084	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.016	0.377	0.0084	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.017	0.377	0.0084	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.018	0.377	0.0084	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.019	0.377	0.0084	0.717	0.0075	1.882	0.0151	1.572	0.017	2.28	-0.0247	3.474	-0.0112	4.247	-0.0287	4.916	-0.0321	3.419	-0.0205	3.802	-0.0205
0.020	0.377	0.0084	0.																	

10.172	0.517	-0.0042	1.134	-0.0079	1.452	0.0354	1.776	-0.0193	3.084	0.0043	2.47	0.0203	3.29	0.0514	3.145	0.0354	4.488	0.0465	4.963	-0.0507
10.173	0.462	-0.0045	1.021	-0.0079	1.746	0.0281	1.575	-0.0187	2.875	0.0232	2.928	0.0481	3.9	0.0652	3.646	0.0553	4.004	-0.0459	4.684	-0.051
10.174	0.413	-0.0042	0.917	-0.009	1.342	0.0127	1.457	-0.006	2.597	-0.0247	1.46	0.0484	4.353	0.0327	4.302	-0.0438	3.573	-0.0489	4.164	-0.0501
10.175	0.365	-0.0046	0.819	-0.009	1.27	0.0244	1.533	-0.0033	2.331	-0.0247	3.738	0.0117	4.324	0.0482	3.023	-0.0431	3.114	-0.0487	3.284	-0.0501
10.176	0.341	-0.0023	0.722	-0.0081	1.697	0.0151	1.804	0.0296	2.07	0.0241	3.576	-0.0259	3.937	0.0309	4.888	-0.0211	3.694	0.0381	3.872	-0.02
10.177	0.371	-0.0052	0.675	-0.0018	1.525	0.0154	2.163	0.0351	1.859	-0.0157	3.241	0.0299	3.548	0.0359	4.469	-0.0395	4.323	0.0668	4.404	0.0607
10.178	0.457	-0.0007	0.728	-0.0088	1.36	0.0154	2.444	0.0206	1.849	0.0084	2.911	-0.0205	3.17	0.0359	4.031	-0.0407	4.963	0.0719	4.963	0.0811
10.179	0.463	-0.0003	0.603	-0.013	1.207	0.0133	1.452	0.0055	2.39	0.0203	2.598	-0.0206	2.815	0.0246	3.456	-0.0247	4.963	0.0304	4.963	0.0541
10.18	0.606	-0.0012	1.071	-0.0188	1.137	0.0204	2.206	-0.019	2.5	0.0423	2.632	-0.0232	2.832	0.0384	3.204	-0.0371	4.963	0.0278	4.963	0.0404
10.181	0.556	-0.0039	1.192	-0.0079	1.443	0.0281	1.986	-0.0199	2.54	0.0212	4.963	0.0275	2.8	0.0517	4.963	0.0275	4.963	0.0447	4.963	-0.051
10.182	0.506	-0.0012	1.158	-0.0179	1.458	0.0284	1.771	0.0203	3.5	0.0268	2.465	0.0201	3.271	0.0381	3.158	-0.0247	4.963	0.0303	4.963	0.0551
10.183	0.451	-0.0042	1.031	-0.009	1.749	0.0281	1.573	-0.0184	2.888	0.0229	2.921	0.0481	3.646	0.0593	3.993	0.0482	4.679	0.0383	4.963	-0.0507
10.184	0.402	-0.0042	0.928	-0.009	1.343	0.0121	1.454	-0.0057	2.609	-0.0247	3.446	0.0487	4.354	0.0342	4.302	0.0668	3.559	0.0383	4.161	-0.0492
10.185	0.437	-0.0046	0.868	-0.007	1.87	0.0245	1.533	-0.0033	2.343	-0.0245	3.738	0.0171	4.434	-0.0469	3.396	0.0482	4.405	0.0343	4.963	-0.0504
10.186	0.334	-0.0003	0.732	-0.0081	1.697	0.0151	1.803	0.0296	2.081	0.0244	3.551	-0.0233	3.568	0.0359	4.469	-0.0395	4.301	0.0674	4.401	0.0611
10.187	0.37	-0.0081	0.68	-0.0024	1.523	0.0154	2.162	0.0212	1.871	-0.0157	3.245	-0.0229	3.566	0.0359	4.469	-0.0395	4.301	0.0674	4.401	0.0611
10.188	0.459	-0.01	0.728	-0.0085	1.359	0.0151	2.446	0.0212	1.857	0.0061	2.916	-0.0232	3.188	0.0356	4.056	-0.0407	4.963	0.0813	4.963	0.0605
10.189	0.457	-0.0046	0.873	-0.0194	1.204	0.0203	2.026	0.023	2.417	0.0203	2.598	-0.0209	2.813	0.032	3.454	-0.0407	4.963	0.0304	4.963	0.0544
10.19	0.616	-0.0015	1.063	-0.0188	1.132	0.0204	2.214	-0.0193	2.502	0.042	2.316	-0.0232	2.847	0.0387	3.222	0.0374	4.963	0.0298	4.963	0.0404
10.191	0.568	-0.0039	1.186	-0.0076	1.215	0.0133	1.992	-0.0199	2.925	0.0272	2.238	0.0003	2.807	0.0248	2.962	0.0354	4.056	0.0456	4.963	-0.0477
10.192	0.515	-0.0015	1.131	-0.0079	1.443	0.0281	1.771	-0.0191	2.53	0.0203	2.461	0.0201	3.273	0.0381	3.155	0.0482	4.405	0.0303	4.963	-0.0501
10.193	0.462	-0.0042	1.025	-0.009	1.742	0.0281	1.578	-0.0181	2.889	0.0228	2.916	0.0481	3.879	0.0592	3.311	-0.0247	4.964	0.0369	4.964	-0.0507
10.194	0.411	-0.0045	0.921	-0.009	1.938	0.0127	1.456	-0.0063	2.614	-0.0247	3.445	0.0493	4.352	0.0345	4.301	0.0665	3.581	0.0383	4.167	-0.0495
10.195	0.346	-0.0038	0.822	-0.009	1.675	0.0124	1.529	-0.0054	2.345	-0.0247	3.741	0.0178	4.341	0.0548	4.884	0.0482	3.411	0.0644	3.864	-0.0504
10.196	0.339	-0.0009	0.729	-0.0051	1.507	0.0124	1.795	0.0203	2.093	-0.0241	3.551	0.0303	3.569	0.0482	4.059	0.0302	3.873	0.0305	4.405	-0.0502
10.197	0.37	-0.0055	0.677	-0.0024	1.523	0.0154	2.154	0.0215	1.871	-0.0163	3.254	-0.0232	3.57	0.0365	4.406	-0.0395	4.303	0.0665	4.404	0.0607
10.198	0.456	-0.0007	0.729	-0.0085	1.359	0.0151	2.442	0.0215	1.853	0.0068	2.925	0.0202	3.189	0.0356	4.059	0.0525	3.963	0.0813	4.963	0.0613
10.199	0.523	-0.0046	0.876	-0.0167	1.205	0.0203	2.099	0.0209	2.347	0.0207	2.504	0.0203	2.311	0.0362	4.043	-0.0407	4.963	0.0304	4.963	0.0504
10.20	0.608	-0.0015	1.068	-0.0188	1.134	0.0203	2.214	-0.0193	2.495	0.0423	2.304	-0.0232	2.641	0.0309	3.223	0.0308	4.963	0.0298	4.963	0.0505
10.201	0.56	-0.0038	1.191	-0.0079	1.22	0.0133	1.995	0.0203	2.144	0.0094	2.919	0.0006	2.795	0.0242	2.901	0.0191	4.963	0.0456	4.963	-0.0507
10.202	0.485	-0.0045	1.022	-0.009	1.742	0.0281	1.579	-0.0187	2.887	0.0229	2.919	0.0475	3.871	0.0595	3.62	0.0547	4.059	0.0459	4.963	-0.0501
10.203	0.458	-0.0045	1.03	-0.009	1.747	0.0284	1.579	-0.0187	2.887	0.0229	2.919	0.0475	3.871	0.0595	3.62	0.0547	4.059	0.0459	4.963	-0.0501
10.204	0.404	-0.0045	0.928	-0.009	1.343	0.0127	1.459	-0.006	2.612	-0.0247	3.44	0.0487	4.34	0.0351	4.302	0.0665	3.578	0.0386		

10.37	0.368	0.049	0.677	-0.003	1.630	-0.0154	2.1	0.0351	1.806	-0.019	3.288	-0.0209	3.65	0.0359	4.568	0.0386	4.167	0.0623	4.404	0.0611
10.38	0.448	0.0097	0.709	0.007	1.372	-0.0154	2.412	0.0248	1.826	0.0003	2.959	-0.0302	3.266	0.0359	4.131	-0.041	4.92	0.074	4.963	0.0813
10.39	0.555	0.0103	0.846	0.0157	1.218	-0.0159	2.454	0.0248	2.015	0.0248	2.634	-0.0302	2.896	0.0358	3.7	-0.047	4.963	0.0453	4.963	0.0638
10.39	0.498	0.0097	1.035	0.0191	1.355	-0.0203	2.425	0.0248	2.425	0.0242	2.345	-0.0302	2.537	0.0353	4.963	-0.042	4.963	0.0464	4.963	0.0640
10.361	0.564	-0.0036	1.182	0.0106	1.21	0.0121	2.026	-0.0196	2.943	0.0408	2.229	-0.0303	2.721	0.0363	4.963	-0.048	4.963	0.0463	4.963	0.0611
10.362	0.51	-0.0039	1.152	-0.0069	1.434	0.0245	1.811	-0.0196	3.085	0.0159	2.415	-0.0257	3.133	0.0468	3.06	0.017	4.579	0.0462	4.963	0.0507
10.363	0.437	-0.0045	1.048	-0.0026	1.204	-0.0159	2.944	-0.0147	2.944	-0.0214	2.848	0.0456	3.726	0.0465	4.096	-0.042	4.678	0.0461	4.963	0.0611
10.364	0.409	-0.0039	0.944	-0.0029	1.033	0.0145	1.443	-0.0159	2.409	0.0209	3.378	0.0265	4.273	0.0451	4.111	0.062	4.963	0.0464	4.963	0.0640
10.365	0.361	-0.0039	0.844	-0.0093	1.885	0.0117	1.504	0.0103	2.401	-0.0247	3.72	0.023	4.398	0.0115	4.77	0.052	3.397	0.0213	3.802	0.0247
10.366	0.355	0.0098	0.747	-0.0034	1.71	0.0151	1.746	0.0275	2.136	-0.0244	3.628	0.0275	4.059	0.0344	4.948	0.0119	3.576	0.0293	3.873	0.0203
10.367	0.45	0.0103	0.71	0.0094	1.37	-0.0151	2.413	0.0251	1.833	0.0003	2.963	-0.0302	3.286	0.0362	4.152	0.0405	4.905	0.0747	4.963	0.0813
10.369	0.56	0.0109	0.84	0.0148	1.218	0.0142	2.456	-0.0242	2.02	0.0245	2.639	-0.0302	2.915	0.0341	4.963	-0.047	4.963	0.0475	4.963	0.0641
10.370	0.447	0.0097	1.029	0.0191	1.331	0.0142	2.303	0.0248	2.303	0.0249	2.349	0.0265	3.244	0.0366	3.307	0.0405	4.963	-0.042	4.963	0.0640
10.371	0.573	-0.0042	1.174	0.0109	1.203	0.0118	2.032	-0.0196	2.942	0.0408	2.23	-0.0304	3.73	0.0202	4.963	-0.047	4.963	0.0464	4.963	0.0611
10.372	0.521	-0.0042	1.149	-0.0068	1.424	0.0245	1.816	0.0145	2.045	0.0142	2.411	0.0257	3.136	0.0463	3.068	0.0163	4.963	-0.0465	4.963	0.0463
10.373	0.467	-0.0045	1.044	-0.0029	1.72	0.0234	1.81	-0.0187	2.95	0.0211	2.543	0.0459	3.722	0.0592	4.049	0.0498	4.121	0.0462	4.963	0.0501
10.374	0.417	0.0097	0.942	0.0043	1.031	0.0131	2.039	0.0206	2.473	0.0231	2.37	0.0265	3.451	0.0261	4.145	0.0593	3.593	0.0223	4.963	0.0640
10.375	0.37	-0.0042	0.839	-0.009	1.885	-0.0117	1.502	0.01	2.403	0.0233	3.72	0.0231	3.73	0.023	4.297	0.0593	3.593	0.0223	4.963	0.0640
10.376	0.34	-0.0039	0.744	-0.0034	1.71	0.0148	1.74	0.0269	2.141	-0.0241	3.639	0.0205	4.059	0.0341	4.949	0.024	3.587	0.0287	3.873	0.0206
10.377	0.349	0.0097	0.71	0.0087	1.371	-0.0151	2.411	0.0257	1.834	0.0003	2.973	-0.0302	3.284	0.0356	4.155	-0.0407	4.904	0.074	4.963	0.0811
10.379	0.553	0.0103	0.844	0.0151	1.219	0.0139	2.461	-0.0208	2.014	0.0242	2.651	-0.0302	2.913	0.0344	3.72	-0.0407	4.963	0.0475	4.963	0.0641
10.38	0.608	0.0207	1.023	0.0133	1.134	0.0336	2.256	-0.0193	2.868	0.0209	2.257	0.0255	3.244	0.0366	3.1	-0.046	4.963	0.0511	4.963	0.0604
10.381	0.565	0.0097	1.173	0.0109	1.208	0.0132	2.305	0.0248	2.305	0.0248	2.395	0.0265	3.232	0.0365	3.722	0.0357	4.963	0.0447	4.963	0.0611
10.382	0.514	-0.0042	1.153	-0.0069	1.429	0.0245	1.82	-0.0196	3.083	0.0145	2.417	0.0248	3.125	0.0464	3.064	0.0118	4.963	-0.051	4.963	0.0465
10.383	0.459	-0.0042	1.048	-0.0029	1.424	0.0234	1.814	0.0145	2.946	0.0211	2.447	0.0459	3.492	0.0462	4.12	0.0595	4.049	0.0462	4.963	0.0507
10.384	0.441	0.0097	0.942	0.0043	1.032	0.0043	2.036	0.0209	2.308	0.0206	2.397	0.0265	3.231	0.0365	4.111	0.0593	3.593	0.0223	4.963	0.0640
10.385	0.569	-0.0039	0.844	-0.009	1.89	0.0117	1.506	0.01	2.402	0.0234	3.717	0.023	4.394	0.0209	4.759	0.0552	3.408	0.0219	3.811	0.0244
10.386	0.338	-0.0036	0.747	-0.0034	1.708	0.0148	1.732	0.0269	2.087	0.0244	2.543	0.0247	3.029	0.0208	4.059	0.0207	4.581	0.02	4.963	0.0604
10.387	0.34	-0.0039	0.64	-0.0026	1.537	0.0151	1.857	0.0154	2.304	0.0206	2.855	0.0209	3.295	0.0206	4.109	0.0593	4.111	0.0591	4.963	0.0607
10.388	0.459	0.0097	0.705	0.0051	1.375	-0.0151	2.409	0.0257	1.829	0.0233	2.964	0.0208	3.286	0.0359	4.154	-0.0407	4.963	0.0487	4.963	0.0607
10.389	0.559	0.0109	0.834	0.0151	1.221	0.0152	2.459	-0.0208	2.009	0.0239	2.64	0.0255	3.216	0.0359	4.256	0.0341	3.726	-0.0407	4.963	0.0632
10.39	0.616	0.0207	1.023	0.0188	1.134	0.0242	2.252	-0.0193	2.868	0.0206	2.349	0.0255	3.266	0.0356	3.1	-0.046	4.963	0.0514	4.963	0.0610
10.391	0.573	0.0097	1.173	0.0112	1.204	0.0132	2.304	0.0245	2.304	0.0245	2.395	0.0265	3.237	0.0357	3.611	0.0353	4.963	0.0447	4.963	0.0611
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10.543	0.515	-0.0042	1.173	-0.0043	1.412	0.0339	1.849	-0.0199	3.067	0.0218	2.371	0.0218	3.009	0.0399	3.011	0.0086	4.688	0.0468	4.963	-0.0507
10.543	0.461	-0.0042	1.068	-0.0087	1.7	0.0294	1.641	-0.0121	2.732	0.0141	2.774	0.0141	3.673	0.0583	3.376	0.0459	4.201	0.0459	4.673	-0.0507
10.544	0.411	-0.0045	0.965	-0.009	1.926	0.0163	1.477	-0.0121	2.435	0.0237	3.303	0.0514	4.163	0.0526	3.959	0.0644	4.155	0.0444	4.155	-0.0492
10.545	0.544	-0.0045	0.865	-0.009	1.559	0.0309	1.451	-0.0121	2.435	0.0237	3.307	0.0231	4.421	0.0515	4.554	0.0539	3.419	0.0509	3.799	-0.0524
10.546	0.334	-0.0012	0.763	-0.0084	1.729	0.0154	1.691	-0.0248	2.198	0.0244	3.672	-0.0145	4.161	0.0229	4.958	0.0139	3.602	0.0203	3.872	0.0208
10.547	0.358	-0.0049	0.688	-0.0054	1.551	0.0154	2.032	0.0348	1.95	-0.0217	3.342	-0.0296	3.767	0.0359	4.687	0.0385	4	0.0571	4.409	0.0611
10.548	0.439	-0.0042	0.604	-0.0046	1.386	0.0154	2.073	0.0209	1.83	-0.0248	3.011	-0.0203	3.565	0.0231	4.743	0.0467	4.743	0.0543	4.423	0.0613
10.549	0.549	-0.0042	0.512	-0.0039	1.227	0.0142	1.479	-0.0145	2.435	0.0237	3.309	0.0231	4.301	0.0203	3.098	0.0203	3.871	0.0208	3.933	0.0208
10.550	0.549	-0.0042	0.512	-0.0039	1.227	0.0142	1.479	-0.0145	2.435	0.0237	3.309	0.0231	4.301	0.0203	3.098	0.0203	3.871	0.0208	3.933	0.0208
10.551	0.516	-0.0042	0.493	-0.0039	1.159	0.0139	1.227	-0.0142	1.479	-0.0145	2.435	0.0237	3.309	0.0231	4.301	0.0203	3.098	0.0203	3.871	0.0208
10.552	0.516	-0.0042	0.493	-0.0039	1.159	0.0139	1.227	-0.0142	1.479	-0.0145	2.435	0.0237	3.309	0.0231	4.301	0.0203	3.098	0.0203	3.871	0.0208
10.553	0.516	-0.0042	0.493	-0.0039	1.159	0.0139	1.227	-0.0142	1.479	-0.0145	2.435	0.0237	3.309	0.0231	4.301	0.0203	3.098	0.0203	3.871	0.0208
10.554	0.473	-0.0042	1.063	-0.0087	1.694	0.0287	1.847	-0.0193	3.011	-0.0154	2.77	0.0444	3.588	0.0577	3.38	0.0438	4.225	0.0462	4.679	-0.0507
10.554	0.421	-0.0042	1.063	-0.0087	1.694	0.0287	1.847	-0.0193	3.011	-0.0154	2.77	0.0444	3.588	0.0577	3.38	0.0438	4.225	0.0462	4.679	-0.0507
10.555	0.474	-0.0042	1.063	-0.0087	1.694	0.0287	1.847	-0.0193	3.011	-0.0154	2.77	0.0444	3.588	0.0577	3.38	0.0438	4.225	0.0462	4.679	-0.0507
10.556	0.421	-0.0042	1.063	-0.0087	1.694	0.0287	1.847	-0.0193	3.011	-0.0154	2.77	0.0444	3.588	0.0577	3.38	0.0438	4.225	0.0462	4.679	-0.0507
10.557	0.361	-0.0018	0.761	-0.0084	1.729	0.0148	1.689	-0.0245	2.2	-0.0244	3.48	-0.0142	4.161	0.0228	3.514	0.0197	3.879	0.0208	3.872	0.0208
10.558	0.436	-0.0048	0.688	-0.0054	1.551	0.0154	2.026	0.0293	1.83	-0.0248	3.342	-0.0296	3.767	0.0359	4.687	-0.0382	4.004	0.0565	4.413	0.0614
10.559	0.436	-0.0048	0.688	-0.0054	1.551	0.0154	2.026	0.0293	1.83	-0.0248	3.342	-0.0296	3.767	0.0359	4.687	-0.0382	4.004	0.0565	4.413	0.0614
10.560	0.436	-0.0048	0.688	-0.0054	1.551	0.0154	2.026	0.0293	1.83	-0.0248	3.342	-0.0296	3.767	0.0359	4.687	-0.0382	4.004	0.0565	4.413	0.0614
10.561	0.57	-0.0036	1.163	-0.0133	1.195	0.0109	2.073	-0.0196	2.742	0.0429	2.238	-0.0272	4.676	0.0351	4.963	0.0441	4.963	0.0441	4.963	-0.0477
10.562	0.57	-0.0036	1.163	-0.0133	1.195	0.0109	2.073	-0.0196	2.742	0.0429	2.238	-0.0272	4.676	0.0351	4.963	0.0441	4.963	0.0441	4.963	-0.0477
10.563	0.57	-0.0036	1.163	-0.0133	1.195	0.0109	2.073	-0.0196	2.742	0.0429	2.238	-0.0272	4.676	0.0351	4.963	0.0441	4.963	0.0441	4.963	-0.0477
10.564	0.414	-0.0042	0.965	-0.0087	1.928	0.0167	1.483	-0.0121	2.733	-0.0241	3.299	0.0511	4.152	0.0526	3.988	0.0641	4.166	0.0444	4.673	-0.0492
10.565	0.547	-0.0042	0.965	-0.0087	1.928	0.0167	1.483	-0.0121	2.733	-0.0241	3.299	0.0511	4.152	0.0526	3.988	0.0641	4.166	0.0444	4.673	-0.0492
10.566	0.547	-0.0042	0.965	-0.0087	1.928	0.0167	1.483	-0.0121	2.733	-0.0241	3.299	0.0511	4.152	0.0526	3.988	0.0641	4.166	0.0444	4.673	-0.0492
10.567	0.399	-0.0042	1.012	-0.0087	1.729	0.0149	1.694	-0.0193	2.74	0.0245	3.295	0.0511	4.149	0.0526	3.988	0.0641	4.166	0.0444	4.673	-0.0492
10.568	0.399	-0.0042	1.012	-0.0087	1.729	0.0149	1.694	-0.0193	2.74	0.0245	3.295	0.0511	4.149	0.0526	3.988	0.0641	4.166	0.0444	4.673	-0.0492
10.569	0.399	-0.0042	1.012	-0.0087	1.729	0.0149	1.694	-0.0193	2.74	0.0245	3.295	0.0511	4.149	0.0526	3.988	0.0641	4.166	0.0444	4.673	-0.0492
10.570	0.399	-0.0042	1.012	-0.0087	1.729	0.0149	1.694	-0.0193	2.74	0.0245	3.295	0.0511	4.149	0.0526	3.988	0.0641	4.166	0.0444	4.673	-0.0492
10.571	0.399	-0.0042	1.012	-0.0087	1.729	0.0149	1.694	-0.0193	2.74	0.0245	3.295	0.0511	4.149	0.0526	3.988	0.0641	4.166	0.0444	4.673	-0.0492
10.572	0.399	-0.0042	1.012	-0.0087	1.729	0.0149	1.694	-0.0193	2.74	0.0245	3.295	0.0511	4.149	0.0526	3.988	0.0641	4.166	0.0444	4.673	-0.0492
10.573	0.399	-0.0042	1.012	-0.0087	1.729	0.0149	1.694	-0.0193	2.74	0.0245	3.295	0.0511	4.149	0.0526	3.988	0.0641				

10.27	0.352	0.004	0.699	-0.0086	1.569	-0.0154	1.987	0.0338	1.907	-0.0209	3.39	-0.0209	3.86	0.0356	4.78	-0.0311	3.866	0.0008	4.417	0.0017
10.28	0.429	0.004	0.686	0.0121	1.398	-0.0154	2.322	0.0321	1.838	-0.0093	3.058	-0.0305	3.474	0.0356	4.338	-0.0404	4.577	0.0025	4.963	0.0013
10.29	0.537	0.004	0.78	0.0121	1.242	-0.0145	2.483	0.0303	1.931	-0.0145	2.755	-0.0302	3.093	0.0356	3.904	-0.041	4.963	0.0063	4.963	0.0013
10.30	0.413	0.004	0.655	0.0102	1.153	-0.0135	2.335	0.0301	2.251	-0.0045	2.425	-0.0304	2.759	-0.0302	3.008	-0.041	4.963	0.0023	4.963	0.0013
10.31	0.583	-0.0036	1.134	0.0157	1.18	0.0094	2.111	0.0199	2.652	0.0405	2.238	-0.0108	2.652	-0.0309	3.109	-0.0314	4.963	0.0043	4.963	0.0048
10.32	0.531	-0.0042	1.181	0.0023	1.381	0.0023	1.894	0.0196	0.923	0.0209	2.328	0.0173	2.898	0.0327	2.904	-0.0003	4.963	0.0057	4.963	0.0048
10.33	0.479	-0.0045	1.062	0.0007	1.671	0.0037	1.853	0.0193	0.923	0.0209	2.698	0.0173	3.045	0.0457	3.415	-0.0058	4.963	0.0045	4.963	0.0048
10.34	0.427	0.0039	0.579	-0.009	1.513	0.0182	1.502	0.0143	2.794	0.0241	3.23	0.0194	3.524	0.0329	3.527	0.0105	4.963	0.0043	4.963	0.0048
10.35	0.374	-0.0042	0.875	-0.009	1.913	0.0072	1.454	0.0024	2.522	0.0247	3.62	0.0145	3.954	0.0345	4.511	0.0065	4.963	0.0041	4.963	0.0048
10.36	0.342	-0.0018	0.559	0.009	1.74	0.0148	1.837	0.0218	1.834	0.0244	3.044	0.0145	3.44	0.0345	4.511	0.0065	4.963	0.0041	4.963	0.0048
10.37	0.342	-0.0018	0.559	0.009	1.71	0.0131	1.591	0.0218	1.591	0.0244	3.039	0.0145	3.398	0.0345	4.511	0.0065	4.963	0.0041	4.963	0.0048
10.38	0.426	0.0091	0.686	0.0027	1.399	-0.0154	2.315	0.0323	1.835	-0.0093	3.068	-0.0305	3.478	0.0362	3.431	-0.0404	4.575	0.0017	4.963	0.0013
10.39	0.531	0.0109	0.782	0.0124	1.242	-0.0145	2.481	0.0307	1.905	0.0136	2.739	-0.0302	3.008	0.0356	3.904	-0.041	4.963	0.0063	4.963	0.0013
10.40	0.446	0.0042	0.569	0.0165	1.138	0.0045	2.331	0.0205	2.317	0.0145	2.423	-0.0307	2.716	0.0356	3.465	0.0041	4.963	0.0023	4.963	0.0048
10.41	0.573	-0.0036	1.139	0.0157	1.185	0.01	2.112	0.0199	2.641	0.0432	2.243	-0.0114	2.65	0.0321	2.991	-0.0009	4.963	0.0117	4.963	0.0048
10.42	0.523	-0.0039	1.186	-0.0003	1.387	0.0203	1.894	0.0196	3.016	0.0209	2.338	0.0173	2.889	0.0321	2.991	-0.0009	4.962	0.0162	4.963	0.0048
10.43	0.488	-0.0042	0.867	0.0027	1.678	0.0237	1.685	0.0193	3.056	0.0206	2.702	0.0173	3.407	0.0547	3.266	0.0357	4.511	0.0049	4.963	0.0057
10.44	0.426	-0.0036	0.882	-0.0093	1.917	0.0072	1.469	0.0204	2.519	0.0247	3.644	0.0145	3.494	0.0339	4.304	0.0041	4.962	0.0162	4.963	0.0048
10.45	0.37	-0.0036	0.882	-0.0093	1.917	0.0072	1.469	0.0204	2.519	0.0247	3.644	0.0145	3.494	0.0339	4.304	0.0041	4.962	0.0162	4.963	0.0048
10.46	0.338	-0.0015	0.762	0.0048	1.745	0.0148	1.636	0.0024	2.522	0.0247	3.63	0.0145	3.452	0.0344	4.304	0.0049	4.962	0.009	4.963	0.0048
10.47	0.374	-0.0042	0.875	-0.009	1.913	0.0072	1.454	0.0204	2.522	0.0247	3.63	0.0145	3.452	0.0344	4.304	0.0049	4.962	0.009	4.963	0.0048
10.48	0.429	0.0088	0.682	0.0022	1.403	-0.0154	2.315	0.0321	1.834	-0.0093	3.057	-0.0302	3.477	0.0362	3.431	-0.0404	4.562	0.0019	4.963	0.0013
10.49	0.537	0.0112	0.775	0.0118	1.245	-0.0145	2.482	0.0307	1.902	0.0136	2.731	-0.0302	3.098	0.0353	3.906	-0.0407	4.963	0.0063	4.963	0.0013
10.50	0.475	0.0052	0.95	0.0121	1.131	0.0193	1.591	0.0204	2.33	0.0178	2.645	0.0242	2.233	0.0317	2.445	0.0357	4.511	0.0017	4.963	0.0013
10.51	0.531	-0.0042	1.181	0	1.381	0.0203	1.894	-0.0196	3.015	0.0206	2.32	0.0173	2.887	0.0318	3.418	-0.0012	4.963	0.0049	4.963	0.0013
10.52	0.479	-0.0042	1.083	-0.0004	1.671	0.0237	1.685	0.0193	3.015	0.0206	2.687	0.0193	3.396	0.0357	4.511	0.0049	4.962	0.0046	4.963	0.0013
10.53	0.425	0.0042	0.905	0.0023	1.109	0.0193	1.591	0.0204	2.33	0.0178	2.645	0.0242	2.233	0.0317	2.445	0.0357	4.511	0.0017	4.963	0.0013
10.54	0.573	-0.0039	1.186	-0.009	1.91	0.0072	1.463	0.0204	2.33	0.0178	2.645	0.0242	2.233	0.0317	2.445	0.0357	4.511	0.0017	4.963	0.0013
10.55	0.378	-0.0039	0.878	-0.009	1.91	0.0072	1.463	0.0204	2.33	0.0178	2.645	0.0242	2.233	0.0317	2.445	0.0357	4.511	0.0017	4.963	0.0013
10.56	0.37	-0.0039	0.882	-0.0097	1.917	0.0072	1.463	0.0204	2.33	0.0178	2.645	0.0242	2.233	0.0317	2.445	0.0357	4.511	0.0017	4.963	0.0013
10.57	0.378	-0.0039	0.878	-0.009	1.917	0.0072	1.463	0.0204	2.33	0.0178	2.645	0.0242	2.233	0.0317	2.445	0.0357	4.511	0.0017	4.963	0.0013
10.58	0.379	-0.0039	0.878	-0.009	1.917	0.0072	1.463	0.0204	2.33	0.0178	2.645	0.0242	2.233	0.0317	2.445	0.0357	4.511	0.0017	4.963	0.0013
10.59	0.378	-0.0039	0.878	-0.009	1.917	0.0072	1.463	0.0204	2.33	0.0178	2.645	0.0242	2.233	0.0317	2.445	0.0357	4.511	0.0017	4.963	0.0013
10.60</																				

10.93	0.635	-0.0045	1.187	0.0037	1.358	0.0321	1.931	-0.0203	2.958	0.0345	2.293	0.0133	2.808	0.0348	2.985	0.0084	4.928	0.0456	4.963	-0.051
10.93	0.483	-0.0042	1.104	-0.0084	1.645	0.0287	1.72	-0.0193	3.077	0.0012	2.628	0.0387	3.275	0.0508	3.177	0.0287	4.438	0.0465	4.962	-0.051
10.94	0.429	-0.0042	1	-0.009	1.998	0.02	1.525	-0.0163	2.847	0.0232	3.141	0.0514	3.095	0.0595	3.704	0.0574	3.954	0.0459	4.163	-0.0492
10.94	0.581	-0.0042	1.039	-0.0093	1.521	0.0049	1.559	-0.0059	2.537	0.0235	3.214	0.0330	4.432	0.0545	3.537	0.0505	3.203	0.0492	4.963	-0.0523
10.94	0.342	-0.0024	0.798	-0.0087	1.763	0.0148	1.591	-0.0185	2.305	0.0244	3.734	-0.0033	4.346	0.0148	4.89	0.0369	3.426	0.0206	3.895	0.0215
10.95	0.35	-0.0042	0.707	-0.0075	1.581	0.0154	1.898	0.0323	2.047	-0.0241	3.448	-0.029	3.96	-0.035	4.868	-0.0178	3.75	0.0426	4.435	0.062
10.95	0.415	-0.0042	0.68	-0.006	1.413	0.0154	1.854	0.0339	2.256	-0.0169	3.118	-0.0203	3.57	-0.0362	4.436	-0.0262	4.438	0.0589	4.963	0.0518
10.95	0.52	-0.0042	0.718	-0.0019	1.551	0.0145	1.877	0.0133	1.862	0.0085	2.788	0.0302	3.119	-0.0059	3.499	0.0141	4.963	0.0302	4.963	0.0502
10.92	0.602	-0.0084	0.92	0.0175	1.141	0.0145	2.373	-0.0169	2.127	0.0308	2.475	-0.029	2.831	0.0357	3.576	-0.0407	4.963	0.0278	4.963	0.0301
10.92	0.059	-0.0038	1.11	0.0173	1.173	0.0082	2.152	-0.0193	2.542	0.0423	2.043	-0.0133	2.645	-0.0161	2.043	-0.0356	4.963	0.0173	4.963	-0.0418
10.92	0.526	-0.0042	1.193	-0.0037	1.365	0.0224	1.593	-0.0163	2.243	0.0345	2.299	0.0131	2.799	0.0343	3.432	0.0454	4.963	0.0307	4.963	0.0507
10.92	0.474	-0.0045	1.108	-0.0084	1.65	0.0287	1.724	-0.0193	3.071	0.0015	2.632	0.0384	3.264	0.0508	3.172	0.0284	4.434	0.0465	4.963	-0.051
10.94	0.423	-0.0042	1.004	-0.0087	1.904	0.02	1.525	-0.0166	2.85	0.0235	3.127	0.0514	3.095	0.0595	3.704	0.0574	3.954	0.0459	4.163	-0.0492
10.94	0.514	-0.0042	0.898	-0.009	1.919	0.0148	1.452	0.0212	2.510	0.0247	3.607	0.0366	4.386	0.0662	3.965	0.0595	3.799	0.0456	4.963	-0.0523
10.94	0.393	-0.0042	0.903	-0.0037	1.752	0.0149	1.592	-0.0163	2.842	0.0307	3.73	0.0303	4.346	0.0561	3.47	0.0505	3.535	0.0459	4.963	-0.0521
10.95	0.338	-0.0018	0.802	-0.0087	1.76	0.0148	1.507	0.0245	2.302	0.0244	3.722	-0.0038	4.341	0.0145	4.862	0.0366	3.422	0.0215	3.895	0.0215
10.97	0.35	-0.0042	0.71	-0.0075	1.589	0.0154	1.896	0.0321	2.043	-0.0241	3.437	-0.029	3.959	-0.035	4.865	-0.0169	3.741	0.0426	4.438	0.0614
10.98	0.419	-0.0088	0.677	0	1.014	0.0154	2.261	0.0339	1.846	-0.0142	3.103	-0.0202	3.57	0.0365	4.435	0.0452	4.963	0.0286	4.963	0.0518
10.98	0.419	-0.0088	0.685	-0.007	1.413	0.0154	1.854	0.0339	2.077	-0.0168	2.113	0.0308	2.476	-0.0293	3.585	0.0353	4.963	0.0293	4.963	0.0518
10.98	0.508	-0.0084	0.912	0.0175	1.145	0.0175	2.398	-0.0169	2.119	0.0308	2.465	-0.029	2.832	0.0357	3.573	-0.0407	4.963	0.0287	4.963	0.0524
10.92	0.602	-0.0084	0.92	0.0175	1.141	0.0145	2.373	-0.0169	2.127	0.0308	2.475	-0.029	2.831	0.0357	3.573	-0.0407	4.963	0.0287	4.963	0.0524
10.92	0.483	-0.0045	1.105	-0.0081	1.643	0.0284	1.72	-0.0193	3.077	0.0022	2.618	0.0384	3.253	0.0508	3.162	0.0281	4.436	0.0468	4.963	-0.051
10.94	0.431	-0.0042	1.002	-0.009	1.898	0.02	1.525	-0.0166	2.85	0.0235	3.127	0.0514	3.095	0.0595	3.57	0.0571	3.954	0.0456	4.163	-0.0492
10.94	0.381	-0.0042	0.898	-0.009	1.919	0.0148	1.452	0.0212	2.510	0.0247	3.607	0.0366	4.386	0.0662	3.965	0.0595	3.799	0.0456	4.963	-0.0523
10.94	0.394	-0.0042	0.903	-0.0037	1.752	0.0149	1.592	-0.0163	2.842	0.0307	3.73	0.0303	4.346	0.0561	3.47	0.0505	3.535	0.0459	4.963	-0.0521
10.95	0.292	-0.0045	1.08	-0.0037	1.365	0.0145	2.373	-0.0169	2.127	0.0308	2.475	-0.029	2.831	0.0357	3.573	-0.0407	4.963	0.0287	4.963	0.0524
10.95	0.474	-0.0045	1.108	-0.0084	1.65	0.0287	1.724	-0.0193	3.071	0.0015	2.632	0.0384	3.264	0.0508	3.172	0.0284	4.434	0.0465	4.963	-0.051
10.95	0.324	-0.0042	1.004	-0.0087	1.904	0.02	1.525	-0.0166	2.85	0.0235	3.127	0.0514	3.095	0.0595	3.57	0.0571	3.954	0.0456	4.163	-0.0492
10.95	0.304	-0.0042	0.903	-0.0037	1.752	0.0149	1.592	-0.0163	2.842	0.0307	3.73	0.0303	4.346	0.0561	3.47	0.0505	3.535	0.0459	4.963	-0.0521
10.96	0.338	-0.0018	0.802	-0.0087	1.76	0.0148	1.507	0.0245	2.302	0.0244	3.722	-0.0038	4.341	0.0145	4.862	0.0366	3.422	0.0215	3.895	0.0215
10.97	0.35	-0.0042	0.71	-0.0075	1.589	0.0154	1.896	0.0321	2.043	-0.0241	3.437	-0.029	3.959	-0.035	4.865	-0.0169	3.741	0.0426	4.438	0.0614
10.97	0.308	-0.0042	0.709	-0.0072	1.579	0.0154	1.888	0.0323	2.052	-0.0241	3.45	0.0345	3.607	0.0565	3.73	0.0571	4.437	0.0467	4.963	-0.051
10.97	0.349	-0.0027	0.709	-0.0072	1.579	0.0154	1.888	0.0323	2.052	-0.0241	3.45	0.0345	3.607	0.0565	3.73	0.0571	4.437	0.0467	4.963	-0.051
10.97	0.349	-0.0027</td																		

11.07	0.346	0.019	0.723	-0.0081	1.597	-0.0154	1.83	0.0303	2.102	-0.0341	3.407	-0.0284	4.056	0.0344	4.907	0.0045	3.645	0.0339	4.444	0.0623
11.08	0.408	0.0082	0.678	-0.0012	1.427	-0.0154	1.88	-0.0178	3.164	-0.0299	3.663	-0.0256	4.538	-0.0389	4.249	0.0065	4.963	0.0625	4.963	0.0622
11.09	0.508	0.019	0.733	-0.0091	1.296	-0.0145	2.458	0.0185	2.837	-0.0302	3.281	-0.0365	4.059	-0.0407	4.963	0.0626	4.963	0.0624	4.963	0.0623
11.10	0.509	0.013	0.686	-0.0173	1.446	-0.0183	2.413	0.0173	2.545	-0.0256	2.519	-0.0203	3.211	-0.0323	3.67	-0.0407	4.963	0.0625	4.963	0.0623
11.101	0.584	-0.0233	1.076	0.0162	1.166	0.0073	2.191	-0.0196	2.446	-0.0208	2.275	-0.0184	2.961	0.0166	3.208	-0.0383	4.963	0.0624	4.963	0.0623
11.102	0.533	-0.0042	1.191	0.007	1.346	-0.0215	1.972	-0.0196	2.877	0.0089	2.275	0.0088	2.907	0.0167	2.907	-0.0168	4.963	0.0623	4.963	0.0621
11.103	0.441	-0.045	1.129	-0.0081	1.628	-0.0167	1.76	0.0126	3.081	-0.0007	2.573	0.0054	3.132	0.0063	3.065	0.0053	4.544	0.0624	4.963	0.0621
11.104	0.429	0.0042	1.024	0.0073	1.591	0.0115	1.565	0.0173	2.965	0.0223	3.093	0.0049	3.132	0.0053	3.063	0.0053	4.546	0.0624	4.963	0.0621
11.105	0.381	-0.0042	0.92	-0.0093	1.937	-0.024	1.451	0.0154	2.629	-0.0247	3.566	0.0432	4.265	0.0447	4.225	0.0659	3.613	0.0401	3.813	0.0622
11.106	0.342	-0.0027	0.821	-0.009	1.772	-0.0148	1.554	0.0154	2.362	-0.0244	3.738	0.0055	4.392	0.0475	4.309	-0.0084	3.804	0.0211	4.963	0.0621
11.107	0.343	0.0011	0.736	-0.0084	1.651	-0.0154	1.83	0.0154	2.303	0.0241	3.488	-0.0281	4.253	0.0341	3.537	0.0348	4.498	0.0621	4.963	0.0621
11.108	0.41	0.0085	0.676	-0.0018	1.43	-0.0154	2.198	0.0351	1.878	-0.0175	3.154	-0.0302	3.663	-0.0365	4.538	0.0389	4.237	0.0626	4.963	0.0621
11.109	0.515	0.012	0.728	0.0085	1.27	0.0145	2.458	0.0182	2.828	-0.0232	3.278	0.0356	4.059	-0.0407	4.963	0.0617	4.963	0.0617	4.963	0.0617
11.110	0.405	0.0173	0.677	-0.0167	1.446	0.0183	2.413	0.0173	2.546	-0.0246	2.31	-0.0202	2.911	0.0161	3.68	-0.0404	4.963	0.0616	4.963	0.0616
11.111	0.504	-0.003	1.067	0.0185	1.163	0.0087	2.191	-0.0193	2.44	0.0408	2.264	-0.0187	2.658	0.0085	2.722	0.0116	2.992	-0.0169	4.963	0.0615
11.112	0.541	-0.0042	1.185	0.0073	1.34	0.0212	1.972	0.0196	2.871	0.0393	2.261	0.0085	3.085	0.0116	2.992	-0.0169	4.963	0.0613	4.963	0.0613
11.113	0.49	-0.0042	1.126	-0.0078	1.622	0.0234	1.759	-0.0196	2.687	0.0393	2.27	0.0085	3.116	0.0163	2.964	0.0163	4.546	0.0615	4.963	0.0613
11.114	0.438	0.0165	1.03	-0.0029	1.588	0.0184	1.553	0.0154	2.198	-0.0244	3.554	0.0354	4.265	0.0354	4.265	0.0354	4.546	0.0616	4.963	0.0614
11.115	0.387	-0.0042	0.918	-0.0093	1.929	-0.027	1.451	0.0148	2.635	-0.0244	3.552	0.0438	4.26	0.0438	4.213	0.0655	3.616	0.0404	3.795	0.0622
11.116	0.346	-0.0042	0.82	-0.009	1.766	0.0148	1.543	0.0148	2.368	-0.0247	3.743	0.0354	4.299	0.0354	4.201	0.0655	3.603	0.0401	3.889	0.0621
11.117	0.348	0.0014	0.723	-0.0078	1.595	-0.0154	1.83	0.0154	2.303	-0.0241	3.488	0.0354	4.225	0.0354	4.225	0.0354	4.546	0.0621	4.963	0.0621
11.118	0.405	0.0078	0.678	-0.0018	1.425	-0.0154	1.83	0.0154	2.187	-0.0241	3.167	-0.0302	3.674	-0.0362	4.548	-0.0392	4.224	0.0644	4.963	0.0622
11.119	0.507	0.0109	0.729	0.0088	1.265	-0.0154	2.452	0.0194	1.833	0.0207	2.838	-0.0302	3.288	-0.0359	4.109	0.0407	4.963	0.0620	4.963	0.0620
11.120	0.596	0.0073	0.83	-0.0167	1.144	0.0181	2.043	0.0121	2.414	0.0241	2.82	-0.0296	3.291	-0.0359	4.214	-0.0407	4.963	0.0619	4.963	0.0619
11.121	0.554	0.012	0.703	-0.0098	1.593	0.0152	2.043	0.0153	2.452	0.0242	2.774	-0.0296	3.292	-0.0359	4.214	-0.0407	4.963	0.0617	4.963	0.0617
11.122	0.533	-0.0045	1.193	0.0073	1.342	0.0215	1.975	-0.0196	2.867	0.0393	2.27	0.0085	2.721	0.0157	2.963	-0.0175	4.963	0.0607	4.963	0.0607
11.123	0.481	-0.0042	1.136	-0.0078	1.619	0.0234	1.766	-0.0196	2.687	0.0393	2.262	0.0085	3.116	0.0163	2.963	0.0163	4.546	0.0606	4.963	0.0604
11.124	0.429	0.0165	1.03	-0.0029	1.594	0.0154	2.054	0.0173	2.519	-0.0242	3.504	0.0356	4.253	0.0356	4.253	0.0356	4.546	0.0606	4.963	0.0604
11.125	0.381	-0.0039	0.926	-0.009	1.937	0.0146	1.456	0.0146	2.646	-0.0248	3.553	0.0441	4.259	0.0441	4.207	0.0665	3.623	0.0407	3.811	0.0622
11.126	0.341	-0.0024	0.827	-0.009	1.774	0.0148	1.542	0.0145	2.369	-0.0247	3.746	0.0347	4.245	0.0347	4.205	0.0665	3.604	0.0406	3.804	0.0621
11.127	0.341	0.0177	0.724	-0.0078	1.605	0.0151	1.83	0.0154	2.181	0.0201	3.061	0.0356	4.203	0.0356	4.203	0.0356	4.546	0.0621	4.963	0.0621
11.128	0.408	0.0085	0.68	-0.0021	1.433	-0.0154	2.199	0.0154	1.887	-0.0181	3.17	-0.0302	3.683	-0.0362	4.562	-0.0389	4.22	0.0644	4.963	0.0618
11.129	0.514	0.0112	0.728	0.0085	1.271	-0.0154	2.457	0.0191	1.84	0.0207	2.842	-0.0285	3.297	-0.0365	4.122	-0.0407	4.963	0		

11.283	0.538	-0.0042	1.182	0.0103	1.329	0.0309	2.009	-0.0199	2.789	0.042	2.267	0.0046	2.481	0.0085	3.028	0.0236	4.963	0.0444	4.963	-0.051
11.283	0.488	-0.0042	1.15	-0.0072	1.608	0.0281	1.798	-0.0198	3.068	0.0175	2.516	0.0021	3.015	0.0402	3.038	0.0121	4.65	0.0465	4.65	-0.051
11.284	0.434	-0.0042	1.046	-0.0087	1.879	0.0223	1.593	-0.0184	2.968	-0.0199	2.987	0.0487	3.579	0.058	3.452	0.0468	4.15	0.0486	4.15	-0.0486
11.285	0.386	-0.0042	1.242	-0.0093	1.544	0.0232	1.432	-0.0193	2.526	-0.0202	2.526	0.0483	3.262	0.052	3.205	0.0483	3.403	0.0483	3.403	-0.052
11.286	0.344	-0.0027	0.94	-0.0087	1.767	0.0146	1.52	0.0121	2.421	0.0247	3.743	0.0121	4.412	0.0598	3.417	0.072	3.913	0.023	3.913	0.023
11.287	0.342	0.0022	0.744	-0.0084	1.614	0.0154	1.776	0.0284	1.518	0.0154	3.537	-0.0272	4.407	0.0328	3.446	0.0588	3.546	0.0245	4.463	0.0269
11.288	0.4	0.0079	0.68	-0.0003	1.445	0.0154	2.13	0.0354	1.377	0.0154	3.025	-0.0205	3.755	0.0559	4.455	0.0374	4.079	0.0566	4.463	0.0218
11.289	0.503	0.0006	0.709	0.0064	1.302	0.0154	1.45	0.0154	1.203	0.0154	2.303	0.0208	3.309	0.0323	4.406	0.0407	4.321	0.0303	4.463	0.0204
11.290	0.599	0.0085	0.805	0.0157	1.155	0.0093	2.446	-0.0072	1.98	0.0218	2.558	-0.0296	2.994	-0.0407	4.963	0.052	4.963	0	4.963	0
11.291	0.599	0.0085	0.805	0.0157	1.155	0.0093	2.446	-0.0072	1.98	0.0218	2.558	-0.0296	2.994	-0.0407	4.963	0.052	4.963	0	4.963	0
11.292	0.547	0.0021	1.178	0.0103	1.224	0.0239	2.723	0.0423	2.246	0.0239	3.038	0.0303	3.026	0.0423	4.963	0.0447	4.963	0.051	4.963	0.051
11.293	0.495	-0.0048	1.146	-0.0089	1.6	0.0278	1.707	-0.0198	3.069	0.0195	2.499	0.0321	3.005	0.0399	3.031	0.0112	4.65	0.0465	4.645	-0.051
11.294	0.442	-0.0042	1.042	-0.0087	1.87	0.0227	1.592	-0.0187	2.971	-0.0198	2.974	0.0468	3.567	0.0567	3.421	0.0463	4.15	0.0462	4.132	-0.0486
11.295	0.395	-0.0027	0.837	-0.0009	1.596	0.0205	1.456	0.0161	2.367	-0.0181	3.402	0.0475	4.457	0.0367	3.77	0.0405	3.793	0.023	3.793	0.023
11.296	0.35	-0.0003	0.839	-0.0009	1.778	0.0145	1.511	0.0121	2.426	-0.0285	3.744	0.0112	4.416	0.0565	3.413	0.0178	3.793	0.023	3.793	0.023
11.297	0.342	0.0022	0.744	-0.0084	1.614	0.0154	1.776	0.0284	1.518	0.0154	3.537	-0.0272	4.407	0.0328	3.446	0.0558	3.546	0.0245	4.463	0.0269
11.298	0.342	0.0022	0.744	-0.0084	1.614	0.0154	1.776	0.0284	1.518	0.0154	3.537	-0.0272	4.407	0.0328	3.446	0.0558	3.546	0.0245	4.463	0.0269
11.299	0.342	0.0022	0.744	-0.0084	1.614	0.0154	1.776	0.0284	1.518	0.0154	3.537	-0.0272	4.407	0.0328	3.446	0.0558	3.546	0.0245	4.463	0.0269
11.300	0.342	0.0022	0.744	-0.0084	1.614	0.0154	1.776	0.0284	1.518	0.0154	3.537	-0.0272	4.407	0.0328	3.446	0.0558	3.546	0.0245	4.463	0.0269
11.301	0.59	-0.0003	1.036	0.0191	1.155	0.0056	2.234	0.0239	2.159	0.0218	2.558	0.0296	2.994	-0.0407	4.963	0.052	4.963	0	4.963	0
11.302	0.59	-0.0003	1.036	0.0191	1.155	0.0056	2.234	0.0239	2.159	0.0218	2.558	0.0296	2.994	-0.0407	4.963	0.052	4.963	0	4.963	0
11.303	0.488	-0.0048	1.156	-0.0089	1.604	0.0278	1.801	-0.0198	3.069	0.0191	2.504	0.0318	3.002	0.0303	3.031	0.0112	4.65	0.0465	4.665	-0.051
11.304	0.434	-0.0042	1.051	-0.0089	1.878	0.0223	1.597	-0.0187	2.982	-0.0198	2.978	0.0449	3.562	0.058	3.414	0.0459	4.149	0.0443	4.149	-0.0483
11.305	0.385	-0.0042	0.948	-0.0089	1.644	0.0205	1.469	-0.0181	2.463	0.0239	3.402	0.0474	3.562	0.0562	3.414	0.0459	4.149	0.0443	4.149	-0.0483
11.306	0.344	-0.0042	0.948	-0.0089	1.644	0.0205	1.469	-0.0181	2.463	0.0239	3.402	0.0474	3.562	0.0562	3.414	0.0459	4.149	0.0443	4.149	-0.0483
11.307	0.341	0.0019	0.749	-0.0084	1.615	0.0157	1.768	0.0281	2.17	-0.0244	3.549	-0.0269	4.167	0.0328	3.533	0.0233	4.467	0.0369	4.467	-0.0483
11.308	0.341	0.0019	0.749	-0.0084	1.615	0.0157	1.768	0.0281	2.17	-0.0244	3.549	-0.0269	4.167	0.0328	3.533	0.0233	4.467	0.0369	4.467	-0.0483
11.309	0.341	0.0019	0.749	-0.0084	1.615	0.0157	1.768	0.0281	2.17	-0.0244	3.549	-0.0269	4.167	0.0328	3.533	0.0233	4.467	0.0369	4.467	-0.0483
11.310	0.341	0.0019	0.749	-0.0084	1.615	0.0157	1.768	0.0281	2.17	-0.0244	3.549	-0.0269	4.167	0.0328	3.533	0.0233	4.467	0.0369	4.467	-0.0483
11.311	0.591	0.0085	0.842	0.0148	1.155	0.0056	2.452	0.0239	1.962	0.0215	2.566	-0.0299	3.015	0.0318	3.784	0.0541	4.963	0	4.963	0
11.312	0.591	0.0085	0.842	0.0148	1.155	0.0056	2.452	0.0239	1.962	0.0215	2.566	-0.0299	3.015	0.0318	3.784	0.0541	4.963	0	4.963	0
11.313	0.591	0.0085	0.842	0.0148	1.155	0.0056	2.452	0.0239	1.962	0.0215	2.566	-0.0299	3.015	0.0318	3.784	0.0541	4.963	0	4.963	0
11.314	0.443	-0.0045	1.041	-0.0093	1.871	0.0223	1.601	-0.0187	2.976	0.0429	3.566	0.0577	3.414	0.0458	4.149	0.0444	4.149	0.0444	4.149	-0.0486
11.315	0.394	-0.0039	0.937																	

11.487	0.339	0.015	0.762	-0.009	1.628	-0.0154	1.73	0.028	2.217	-0.0344	3.585	-0.0253	4.238	-0.029	4.956	0.0209	3.479	0.0154	4.483	0.0632
11.488	0.391	0.0073	0.687	-0.0051	1.457	-0.0157	2.067	0.0345	1.962	-0.0228	3.252	-0.0299	3.843	-0.0256	4.726	-0.0341	3.935	0.0305	4.963	0.0816
11.489	0.491	0.0109	0.594	0.0043	1.204	0.0148	2.392	0.0272	1.823	-0.0072	2.322	-0.0306	3.46	-0.0362	4.288	-0.0404	4.655	0.0731	4.963	0.0595
11.490	0.591	0.0101	0.511	-0.0042	1.151	0.0039	2.403	0.0212	1.235	-0.017	2.003	-0.0303	3.03	-0.0323	3.853	-0.0407	4.503	0.0711	4.963	0.0501
11.491	0.604	-0.0018	0.994	0.0188	1.153	0.0043	2.248	-0.0187	2.252	0.008	2.318	-0.0241	2.745	-0.0278	3.434	-0.0401	4.963	0.0483	4.963	0.0483
11.492	0.552	-0.0018	1.16	0.0136	1.308	0.0194	2.052	-0.0199	2.89	0.042	2.232	0.0	2.649	-0.0281	3.073	0.0373	4.963	0.0482	4.963	0.0513
11.493	0.501	-0.0042	1.168	-0.0042	1.581	0.0179	1.833	-0.0196	3.035	0.0207	2.444	-0.0204	3.624	-0.0356	4.243	-0.0405	4.655	0.0485	4.963	0.0485
11.494	0.444	0.0045	1.063	-0.0031	1.565	0.0209	1.503	0.0193	1.219	0.028	2.059	0.0478	3.429	-0.0563	3.1	0.036	4.27	0.0462	4.963	0.0483
11.495	0.398	-0.0042	0.96	-0.0093	1.943	0.0012	1.469	-0.0111	2.759	0.0241	3.422	0.0498	4.037	-0.0574	3.894	0.0628	3.795	0.0553	4.963	0.0483
11.496	0.352	-0.0038	0.86	-0.0094	1.792	0.0148	1.487	-0.0157	2.457	0.0244	3.734	0.0194	4.403	-0.0224	4.569	0.0623	3.446	0.0242	4.963	0.0482
11.497	0.341	0.0039	0.758	-0.0054	1.12	0.0151	2.322	0.0208	2.051	0.0281	3.598	-0.0241	4.248	-0.0317	3.571	0.0451	4.963	0.0481	4.963	0.0481
11.498	0.387	0.0087	0.687	-0.0051	1.45	-0.0154	1.968	-0.0229	3.204	-0.0299	3.854	-0.0353	4.74	-0.0338	3.923	0.0532	4.963	0.0482	4.963	0.0482
11.499	0.484	0.0106	0.697	0.0043	1.204	0.0148	2.39	-0.0278	1.832	-0.0075	2.908	-0.0302	3.479	-0.0365	4.314	-0.0404	4.837	0.0734	4.963	0.0599
11.500	0.591	0.0204	0.81	0.0196	1.16	0.0102	2.47	-0.0207	0.563	0.0202	2.414	-0.0203	3.098	-0.0365	4.777	-0.0407	4.963	0.0483	4.963	0.0483
11.501	0.593	0.0193	0.895	-0.0051	1.15	0.0049	2.378	0.0208	2.249	0.0284	3.33	-0.0241	2.792	-0.0327	3.446	-0.0404	4.963	0.0483	4.963	0.0483
11.502	0.543	-0.0039	1.157	-0.0133	1.305	0.0194	2.059	-0.0196	2.682	0.0432	2.239	-0.0099	2.655	-0.0209	3.467	-0.0365	4.963	0.0483	4.963	0.0507
11.503	0.554	-0.0045	1.168	-0.0036	1.281	0.0281	1.579	0.0281	1.84	0.0286	2.441	0.0278	2.981	-0.0009	3.09	-0.0362	4.963	0.0483	4.963	0.0483
11.504	0.492	-0.0045	1.172	-0.0029	1.073	0.0207	1.527	0.0239	1.939	0.0203	2.309	0.0209	3.309	-0.0247	3.277	0.0309	4.639	0.0483	4.963	0.0483
11.505	0.39	-0.0045	0.971	-0.009	1.946	0.015	1.474	-0.0114	2.768	0.0241	3.413	0.0498	4.021	-0.0571	3.886	0.0617	3.799	0.0511	4.963	0.0483
11.506	0.399	-0.0045	0.961	-0.009	1.946	0.015	1.475	-0.0114	2.757	0.0241	3.421	0.0498	4.026	-0.0571	3.886	0.0617	3.799	0.0511	4.963	0.0483
11.507	0.356	-0.0033	0.859	-0.0093	1.797	0.0148	1.488	-0.0148	2.488	0.0247	3.467	0.0194	4.393	-0.0233	4.556	0.0483	4.963	0.0483	4.963	0.0483
11.508	0.347	-0.0013	0.865	-0.009	1.402	0.0145	1.559	0.0207	2.247	0.0239	2.989	0.0208	3.459	-0.0247	3.446	0.0306	4.405	0.0483	4.963	0.0483
11.509	0.388	0.007	0.688	-0.0051	1.459	-0.0157	2.052	0.0381	1.969	0.0228	3.261	-0.0332	3.854	-0.0358	4.736	-0.0332	3.915	0.052	4.963	0.0483
11.510	0.39	0.0073	0.691	-0.0057	1.459	-0.0157	2.059	0.0381	1.977	0.0228	3.268	-0.0332	3.865	-0.0353	4.752	-0.0332	3.918	0.052	4.963	0.0481
11.511	0.491	0.0106	0.697	0.0043	1.204	0.0148	2.39	-0.0278	1.832	-0.0075	2.908	-0.0302	3.479	-0.0365	4.314	-0.0404	4.837	0.0734	4.963	0.0599
11.512	0.591	0.0204	0.81	0.0196	1.16	0.0102	2.47	-0.0207	0.563	0.0202	2.414	-0.0203	3.098	-0.0365	4.777	-0.0407	4.963	0.0483	4.963	0.0483
11.513	0.555	0.0193	0.895	-0.0051	1.153	0.0049	2.378	0.0208	2.249	0.0284	3.33	-0.0241	2.792	-0.0327	3.446	-0.0404	4.963	0.0483	4.963	0.0483
11.514	0.543	-0.0039	1.157	-0.0133	1.305	0.0194	2.059	-0.0196	2.682	0.0432	2.239	-0.0099	2.655	-0.0209	3.467	-0.0362	4.963	0.0483	4.963	0.0507
11.515	0.542	-0.0045	1.168	-0.0036	1.281	0.0281	1.579	0.0281	1.84	0.0286	2.441	0.0278	2.981	-0.0009	3.09	-0.0362	4.963	0.0483	4.963	0.0483
11.516	0.492	-0.0045	1.172	-0.0029	1.073	0.0207	1.527	0.0239	1.939	0.0203	2.309	0.0209	3.309	-0.0247	3.277	0.0309	4.639	0.0483	4.963	0.0483
11.517	0.39	-0.0045	0.971	-0.009	1.946	0.015	1.474	-0.0114	2.768	0.0241	3.413	0.0498	4.028	-0.0571	3.886	0.0617	3.799	0.0511	4.963	0.0483
11.518	0.346	0.0003	0.865	-0.009	1.459	0.0155	1.559	-0.0155	2.052	0.0278	2.981	-0.0232	3.467	-0.0365	4.752	-0.0365	3.915	0.052	4.963	0.0483
11.519	0.347	0.0003	0.865	-0.009	1.459	0.0155	1.559	-0.0155	2.052	0.0278	2.981	-0.0232	3.467	-0.0365	4.752	-0.0365	3.915	0.052	4.	

11.63	0.506	-0.0042	1.18	-0.003	1.55	0.0272	1.873	-0.0196	2.962	0.0318	2.396	0.0245	2.813	0.0075	2.974	-0.008	4.972	0.0462	4.924	-0.051
11.64	0.452	-0.0042	1.82	-0.004	1.838	0.0248	1.661	-0.0193	3.063	0.0324	2.82	0.0459	3.292	0.052	3.194	0.0315	4.378	0.0465	4.112	-0.048
11.65	0.425	-0.0042	1.25	-0.009	1.545	0.0219	1.437	-0.0196	2.538	0.0325	2.33	0.0303	2.739	0.0525	3.705	0.0305	4.295	0.0465	4.129	-0.048
11.66	0.357	-0.0033	0.878	-0.009	1.804	0.0146	1.467	0.0043	2.542	0.0205	3.715	0.0211	4.418	0.0533	3.5	0.0303	3.919	0.0257	4.093	-0.048
11.67	0.34	0.0003	0.78	-0.0087	1.833	0.0154	1.656	0.0043	2.542	0.0205	3.647	0.0187	4.33	0.0169	4.899	0.0358	3.429	0.052	4.493	-0.0487
11.68	0.341	0.0004	0.695	-0.0003	1.453	0.0151	1.988	0.0154	2.07	0.0208	3.647	0.0205	3.312	0.0247	4.334	0.0247	4.859	0.0241	4.963	0.0265
11.69	0.341	0.0004	0.693	0.0024	1.209	0.0119	1.343	0.0101	2.201	0.0211	2.983	0.0203	3.554	0.0203	4.034	0.0208	4.471	0.0207	4.963	0.0262
11.70	0.575	0.0097	0.781	0.0124	1.163	0.0105	1.876	0.0109	2.476	0.0199	2.658	0.0302	3.176	0.0256	3.965	0.0401	4.963	0.0269	4.963	-0.0027
11.71	0.601	-0.0008	0.598	0.0185	1.144	0.0185	2.313	-0.0184	2.589	0.0242	2.33	0.0242	2.92	-0.032	3.541	0.023	4.963	0.0243	4.963	-0.0486
11.72	0.551	0.0038	1.13	0.0157	1.29	0.0189	2.581	0.0242	2.581	0.0242	2.233	0.0241	2.441	0.0241	3.541	0.023	4.963	0.0243	4.963	-0.051
11.73	0.497	-0.0045	1.189	0	1.556	0.0278	1.879	-0.0196	2.981	0.0327	2.401	0.0242	2.809	0.0254	2.977	-0.0083	4.882	0.0459	4.963	-0.051
11.74	0.445	-0.0042	0.979	-0.000	1.849	0.0254	1.871	-0.0193	3.064	0.0307	2.819	0.0256	3.29	0.0305	3.038	0.0305	4.378	0.0465	4.112	-0.048
11.75	0.596	0.0006	0.573	-0.009	1.51	0.0145	1.471	0.0244	2.094	0.0244	2.546	0.0244	3.709	0.0254	4.447	0.0253	3.924	0.0465	3.799	-0.051
11.76	0.362	-0.0033	0.845	-0.009	1.811	0.0145	1.473	0.023	2.028	0.0245	3.645	0.0254	3.311	0.0255	3.943	0.0205	4.887	0.0359	4.905	-0.0487
11.77	0.341	0.0003	0.778	-0.0084	1.638	0.0154	1.655	0.023	2.278	0.0244	3.715	0.0254	4.357	0.0309	4.416	0.0245	3.507	0.0305	3.905	-0.0527
11.78	0.381	0.0081	0.694	-0.0006	1.468	0.0154	1.983	0.0239	2.02	0.0255	3.311	0.0255	3.943	0.0205	4.835	0.0205	4.963	0.0215	4.963	-0.0484
11.79	0.372	0.0003	0.703	0.0024	1.503	0.0151	1.522	0.0211	2.303	0.0245	3.235	0.0255	3.723	0.0255	4.295	0.0205	4.963	0.0215	4.963	-0.0484
11.80	0.575	0.009	1.17	0.0121	1.681	0.0121	1.847	0.0121	2.296	0.0245	3.651	0.0255	4.291	0.0205	4.963	0.0215	4.963	0.0205	4.963	-0.0508
11.81	0.582	0.01	0.773	0.0121	1.64	0.0121	1.847	0.0121	2.296	0.0245	3.651	0.0255	4.291	0.0205	4.963	0.0215	4.963	0.0215	4.963	-0.0508
11.82	0.613	0	0.947	0.0147	1.14	0.0207	1.844	0.018	2.316	0.0245	3.651	0.0255	4.291	0.0205	4.963	0.0215	4.963	0.0215	4.963	-0.0508
11.83	0.601	0.0003	0.701	0.0024	1.503	0.0151	1.522	0.0211	2.303	0.0245	3.235	0.0255	3.723	0.0255	4.295	0.0205	4.963	0.0215	4.963	-0.0508
11.84	0.475	0.0006	0.698	0.000	1.503	0.0151	1.522	0.0211	2.303	0.0245	3.235	0.0255	3.723	0.0255	4.295	0.0205	4.963	0.0215	4.963	-0.0508
11.85	0.581	0.0003	0.701	0.0024	1.503	0.0151	1.522	0.0211	2.303	0.0245	3.235	0.0255	3.723	0.0255	4.295	0.0205	4.963	0.0215	4.963	-0.0508
11.86	0.581	0.0003	0.701	0.0024	1.503	0.0151	1.522	0.0211	2.303	0.0245	3.235	0.0255	3.723	0.0255	4.295	0.0205	4.963	0.0215	4.963	-0.0508
11.87	0.584	0.01	0.778	0.0121	1.67	0.0121	1.847	0.0121	2.296	0.0245	3.651	0.0255	4.291	0.0205	4.963	0.0215	4.963	0.0215	4.963	-0.0508
11.88	0.573	0.0097	0.781	0.0124	1.163	0.0105	1.876	0.0109	2.476	0.0199	2.658	0.0302	3.176	0.0256	3.965	0.0401	4.963	0.0229	4.963	-0.0027
11.89	0.501	-0.0008	0.598	0.0185	1.144	0.0185	2.313	-0.0184	2.589	0.0242	2.33	0.0242	2.92	-0.032	3.541	0.023	4.963	0.023	4.963	-0.0486
11.90	0.551	0.0038	1.17	0.0121	1.503	0.0151	1.522	0.0211	2.303	0.0245	3.235	0.0255	3.723	0.0255	4.295	0.0205	4.963	0.0215	4.963	-0.0508
11.91	0.497	-0.0045	1.189	0	1.556	0.0278	1.879	-0.0196	2.981	0.0327	2.401	0.0242	2.809	0.0254	2.977	-0.0083	4.882	0.0459	4.963	-0.051
11.92	0.445	-0.0042	0.981	-0.000	1.503	0.0254	1.871	-0.0193	3.063	0.0307	2.819	0.0256	3.29	0.0255	4.416	0.0205	4.963	0.0229	4.963	-0.0485
11.93	0.596	0.0006	0.573	-0.009	1.51	0.0145	1.471	0.0244	2.094	0.0244	2.546	0.0244	3.709	0.0254	4.447	0.0205	4.963	0.0229	4.963	-0.0508
11.94	0.341	0.0003	0.778	-0.0084	1.638	0.0154	1.655	0.023	2.028	0.0245	3.645	0.0255	3.311	0.0255	4.416	0.0205	4.963	0.0229	4.963	-0.0487
11.95	0.341	0.0003	0.778	-0.0084	1.638	0.0154	1.655	0.023	2.028	0.0245	3.645	0.0255	3.311	0.0255	4.416	0.0205	4.963	0.0229	4.963	-0.0487
11.96	0.455	-0.0042	0.981																	

11.87	0.339	0	0.798	-0.009	1.643	-0.0154	1.609	0.0209	2.337	-0.025	3.685	-0.0131	4.387	0.0048	4.859	0.0451	3.404	0.0042	4.514	0.0653
11.88	0.371	0.0052	0.71	-0.0075	1.474	-0.0154	1.922	0.0237	2.076	-0.0241	3.368	-0.0209	4.03	0.0341	4.907	-0.0078	3.677	0.0372	4.963	0.082
11.89	0.459	0.01	0.577	0.0003	1.309	-0.0151	2.284	0.0238	1.862	-0.0116	3.028	-0.0292	3.642	0.0365	4.508	-0.0095	4.302	0.0688	4.963	0.0583
11.90	0.565	0.0053	0.703	-0.009	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
11.91	0.605	0.0012	0.917	-0.0175	1.139	-0.0109	2.354	0.0217	2.078	-0.0284	2.4	-0.0272	2.892	0.0238	3.641	-0.0044	4.963	0.0367	4.963	0.0486
11.92	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
11.93	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
11.94	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
11.95	0.371	0.0084	0.714	-0.0075	1.482	-0.0154	1.928	0.0237	2.083	-0.0241	3.363	-0.0209	4.046	0.0341	4.916	-0.0072	3.672	0.0369	4.963	0.0819
11.96	0.483	0.0103	0.68	0	1.317	-0.0151	2.285	0.0238	1.862	-0.0116	3.028	-0.0292	3.642	0.0365	4.508	-0.0095	4.302	0.0688	4.963	0.0571
11.97	0.571	0.0052	0.719	-0.0075	1.482	-0.0154	1.928	0.0237	2.083	-0.0241	3.363	-0.0209	4.046	0.0341	4.916	-0.0072	3.672	0.0369	4.963	0.0819
11.98	0.564	0.0103	0.749	0.0003	1.314	-0.0154	2.276	0.0238	1.861	-0.0116	3.027	-0.0295	3.641	0.0365	4.508	-0.0095	4.302	0.0688	4.963	0.0571
11.99	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.00	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.01	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.02	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.03	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.04	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.05	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.06	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.07	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.08	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.09	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.10	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.11	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.12	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.13	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.14	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.15	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.16	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.17	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.18	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.963	0.0245
12.19	0.565	0.0055	0.727	-0.0081	1.159	-0.0144	2.473	0.0241	1.945	-0.0065	2.704	-0.0203	3.255	0.0356	4.459	-0.0047	4.503	0.0228	4.	

13.03	0.661	-0.0308	1.071	0.0185	1.26	0.0187	2.17	-0.0193	2.389	0.0306	2.24	-0.0134	2.484	0.0311	3.303	-0.0302	4.963	0.0117	4.963	-0.051
12.03	0.508	-0.0045	1.191	0.0078	1.516	0.0269	1.952	-0.0199	2.83	0.0411	2.315	0.0157	2.692	0.0106	3.015	-0.0223	4.963	-0.045	4.615	-0.051
12.04	0.457	-0.0042	1.134	-0.0081	1.807	0.0266	1.748	-0.0193	1.583	0.0145	2.676	0.0465	3.045	0.0243	3.04	0.0138	4.963	-0.0462	4.104	-0.0474
12.05	0.405	-0.0045	1.122	-0.0009	1.554	0.0239	1.542	-0.0172	2.348	-0.0201	3.191	0.0151	2.656	0.0368	3.046	0.0242	4.963	-0.0463	3.923	-0.051
12.06	0.361	-0.0039	0.925	-0.0003	1.895	0.0139	1.456	-0.0027	2.673	-0.0244	3.645	0.0386	4.201	0.0508	3.063	0.0653	3.364	-0.0464	3.954	-0.0278
12.07	0.334	-0.0008	0.826	-0.0087	1.695	0.0151	1.572	0.017	2.402	-0.0265	3.716	-0.0051	4.421	0.0547	3.057	0.0478	3.409	-0.0412	4.549	-0.0656
12.08	0.304	-0.0049	0.73	-0.0081	1.492	0.0137	1.862	0.0157	2.402	-0.0264	3.41	0.0139	4.111	0.0477	3.052	0.0467	3.477	-0.0407	4.563	-0.0602
12.09	0.284	-0.0049	0.73	-0.0018	1.329	0.0149	1.504	0.0164	1.987	-0.0244	3.079	0.0305	4.203	0.0309	3.039	0.0309	3.433	-0.0401	4.503	-0.0599
12.10	0.249	-0.01	0.68	0.0201	1.329	0.0149	1.504	0.0164	1.987	-0.0244	3.079	0.0305	4.203	0.0309	3.039	0.0309	3.433	-0.0401	4.503	-0.0599
12.11	0.249	-0.0091	0.727	0.0079	1.182	0.0269	1.958	-0.0199	2.828	0.0402	2.315	0.0157	2.697	0.0106	3.016	-0.0223	4.963	-0.0447	4.096	-0.051
12.12	0.231	-0.0042	1.182	0.0078	1.511	0.0269	1.958	-0.0199	2.828	0.0402	2.315	0.0157	2.697	0.0106	3.016	-0.0223	4.963	-0.0447	4.096	-0.051
12.13	0.211	-0.0042	1.12	-0.0009	1.503	0.0239	1.542	-0.0172	2.348	-0.0201	3.191	0.0151	2.656	0.0368	3.046	0.0242	4.963	-0.0463	3.923	-0.051
12.14	0.193	-0.0042	1.173	-0.0078	1.803	0.0045	1.748	0.0145	2.402	-0.0244	3.716	0.0145	4.203	0.0462	3.045	0.0477	3.409	-0.0412	4.549	-0.0477
12.15	0.171	-0.0042	1.12	-0.0009	1.567	0.0151	1.567	0.0163	2.407	-0.0265	3.715	0.0045	4.203	0.0462	3.045	0.0477	3.409	-0.0412	4.549	-0.0477
12.16	0.151	-0.0042	0.918	-0.0003	1.634	0.0142	1.456	0.0163	2.407	-0.0264	3.644	0.0386	4.069	0.0469	3.046	0.0468	3.378	-0.0426	4.549	-0.0478
12.17	0.131	-0.0042	0.918	-0.0087	1.682	0.0151	1.568	0.0167	2.396	-0.0265	3.711	-0.0048	4.406	0.0508	3.063	0.0653	3.444	-0.0445	4.543	-0.0659
12.18	0.111	-0.0042	0.724	0.0079	1.179	0.0134	1.491	0.0157	2.455	-0.0265	3.404	0.0236	4.421	0.0507	3.057	0.0468	3.494	-0.0412	4.543	-0.0656
12.19	0.091	-0.0042	0.75	-0.0018	1.329	0.0134	1.526	0.0151	2.402	-0.0265	3.716	0.0051	4.203	0.0462	3.045	0.0477	3.409	-0.0412	4.549	-0.0478
12.20	0.071	-0.0042	0.724	0.0085	1.182	0.0134	1.491	0.0157	2.455	-0.0264	3.404	0.0236	4.421	0.0507	3.057	0.0468	3.494	-0.0412	4.543	-0.0656
12.21	0.051	-0.0042	0.68	0.0201	1.329	0.0134	1.526	0.0151	2.402	-0.0265	3.716	0.0051	4.203	0.0462	3.045	0.0477	3.409	-0.0412	4.549	-0.0478
12.22	0.031	-0.0042	0.727	0.0079	1.182	0.0134	1.491	0.0157	2.455	-0.0264	3.404	0.0236	4.421	0.0507	3.057	0.0468	3.494	-0.0412	4.543	-0.0656
12.23	0.011	-0.0042	0.68	0.0201	1.329	0.0134	1.526	0.0151	2.402	-0.0265	3.716	0.0051	4.203	0.0462	3.045	0.0477	3.409	-0.0412	4.549	-0.0478
12.24	0.001	-0.0042	0.727	0.0079	1.182	0.0134	1.491	0.0157	2.455	-0.0264	3.404	0.0236	4.421	0.0507	3.057	0.0468	3.494	-0.0412	4.543	-0.0656
12.25	0.051	-0.0042	1.191	0.0078	1.515	0.0269	1.958	-0.0199	2.819	0.0417	2.309	0.0157	2.697	0.0106	3.009	-0.0228	4.963	-0.0447	4.902	-0.0507
12.26	0.045	-0.0042	1.134	-0.0081	1.806	0.0266	1.743	-0.0193	2.684	0.0157	2.64	0.0462	3.045	0.0243	3.04	0.0138	4.963	-0.0462	4.104	-0.0474
12.27	0.025	-0.0042	1.12	-0.0009	1.503	0.0143	1.529	0.0151	2.396	-0.0201	3.191	0.0151	2.656	0.0368	3.046	0.0242	4.963	-0.0463	3.923	-0.051
12.28	0.005	-0.0042	1.173	-0.0078	1.803	0.0045	1.748	0.0145	2.402	-0.0244	3.716	0.0045	4.203	0.0462	3.045	0.0477	3.409	-0.0412	4.549	-0.0478
12.29	0.051	-0.0042	1.12	-0.0009	1.503	0.0143	1.529	0.0151	2.396	-0.0201	3.191	0.0151	2.656	0.0368	3.046	0.0242	4.963	-0.0463	3.923	-0.051
12.30	0.031	-0.0042	1.173	-0.0078	1.803	0.0045	1.748	0.0145	2.402	-0.0244	3.716	0.0045	4.203	0.0462	3.045	0.0477	3.409	-0.0412	4.549	-0.0478
12.31	0.011	-0.0042	1.12	-0.0009	1.503	0.0143	1.529	0.0151	2.396	-0.0201	3.191	0.0151	2.656	0.0368	3.046	0.0242	4.963	-0.0463	3.923	-0.051
12.32	0.001	-0.0042	1.173	-0.0078	1.803	0.0045	1.748	0.0145	2.402	-0.0244	3.716	0.0045	4.203	0.0462	3.045	0.0477	3.409	-0.0412	4.549	-0.0478
12.33	0.051	-0.0042	1.12	-0.0009	1.503	0.0143	1.529	0.0151	2.396	-0.0201	3.191	0.0151	2.656	0.0368	3.046	0.0242	4.963	-0.0463	3.923	-0.051
12.34	0.031	-0.0042	1.173	-0.0078	1.803	0.0045	1.748	0.0145	2.402	-0.0244	3.716	0.0045	4.203	0.0462	3.045	0.0477	3.409	-0.0412	4.549	-0.

13.207	0.335	-0.012	0.846	-0.009	1.676	-0.0154	1.534	0.0133	2.459	-0.025	3.735	0.0016	4.415	0.0182	4.6	0.0611	3.437	0.0223	4.668	0.0665
12.208	0.369	0.0046	0.749	-0.004	1.504	-0.0154	1.801	0.0293	2.194	-0.0244	3.458	-0.0287	4.214	-0.0211	4.946	0.0197	3.501	0.0188	4.963	0.0819
12.209	0.439	0.0034	0.682	-0.008	1.338	-0.0154	2.116	0.0294	2.048	-0.022	3.127	-0.0302	3.821	-0.0347	3.986	0.0059	4.963	0.0544	4.963	0.0544
12.210	0.449	0.0032	0.621	-0.001	1.703	-0.0153	1.591	0.0293	2.243	-0.0245	2.3	-0.0303	3.425	-0.0365	4.723	0.0174	4.963	0.0303	4.963	0.0303
12.211	0.614	0.0037	0.830	0.0151	1.134	-0.009	2.434	0.0096	1.954	0.0191	2.484	-0.029	3.058	-0.0305	3.848	0.041	4.963	0.0598	4.963	0.0442
12.212	0.578	-0.0038	1.024	0.0185	1.244	-0.0157	1.49	0.0157	2.215	-0.0193	2.299	0.0375	2.256	-0.0163	2.732	0.0298	3.431	0.0368	4.963	0.0501
12.213	0.523	-0.0042	1.172	0.0109	1.49	0.0153	1.969	0.0196	2.346	0.0248	2.65	0.0111	2.863	0.0351	3.073	0.0437	4.963	0.0435	4.963	0.0435
12.214	0.472	0.0042	1.145	-0.009	1.764	0.0275	1.752	0.0248	2.046	0.0218	2.655	0.0174	2.951	0.0374	3.242	0.0441	4.963	0.0445	4.963	0.0445
12.215	0.421	-0.0045	1.042	-0.0037	1.948	0.0094	1.58	-0.0181	2.99	0.0154	3.109	0.0508	3.481	0.0562	3.328	0.0402	4.943	0.0462	3.788	0.0168
12.216	0.374	-0.0039	0.937	-0.003	1.846	0.0133	1.458	-0.0069	2.72	0.0241	3.773	0.0265	4.042	0.0402	4.083	0.0626	3.773	0.0447	4.963	0.0298
12.217	0.341	0.0032	0.538	-0.007	1.674	0.0154	1.533	0.0245	2.45	0.025	3.73	0.0281	4.405	0.0401	4.591	0.0567	3.445	0.0298	4.963	0.0568
12.218	0.359	0.0043	0.74	-0.008	1.503	-0.0154	1.795	0.029	2.189	-0.0241	3.496	-0.0287	4.208	-0.0311	4.934	0.0191	3.508	0.0195	4.963	0.0822
12.219	0.434	0.0088	0.577	-0.008	1.337	-0.0154	2.154	0.0294	2.034	0.0217	3.125	-0.0302	3.814	-0.0356	4.934	0.0541	4.963	0.0541	4.963	0.0541
12.220	0.439	0.0039	0.705	0.004	1.691	0.0154	1.942	0.0244	2.417	0.021	3.799	-0.0301	3.441	-0.0365	4.711	0.0244	4.963	0.0303	4.963	0.0303
12.221	0.604	0.0037	0.839	0.0157	1.138	-0.003	2.43	0.0096	1.938	0.0195	2.493	0.0375	2.255	-0.0168	2.725	0.0298	3.419	0.0404	4.963	0.0507
12.222	0.566	-0.0038	1.028	0.0188	1.249	0.0157	2.212	-0.0193	2.282	0.0375	2.553	0.023	2.598	0.0378	3.058	0.0426	3.419	0.0398	4.963	0.0501
12.223	0.514	-0.0042	1.179	0.0115	1.493	0.026	1.992	-0.0196	2.725	0.0432	2.8	0.0118	2.649	0.0118	3.06	0.0287	4.963	0.0503	4.963	0.0503
12.224	0.482	0.0032	1.158	-0.009	1.737	0.0154	1.771	0.0209	2.507	0.023	3.593	0.023	3.239	0.0304	3.492	0.0307	4.713	0.0403	4.963	0.0403
12.225	0.411	-0.0042	1.053	-0.008	1.948	0.0088	1.578	-0.0181	3.011	0.0154	3.102	0.0445	3.102	0.0508	3.467	0.0424	4.963	0.0448	3.788	0.0168
12.226	0.365	-0.0042	0.95	-0.009	1.846	0.0136	1.454	-0.0181	2.713	0.0241	3.098	0.0408	4.048	0.0427	3.759	0.0356	3.59	0.0296	4.963	0.0506
12.227	0.334	0.0046	0.74	-0.008	1.503	-0.0154	1.795	0.029	2.199	-0.0244	3.462	-0.0287	4.227	-0.0302	4.943	0.0209	3.484	0.0175	4.963	0.0822
12.228	0.357	0.0043	0.883	-0.004	1.336	-0.0154	2.151	0.0294	2.061	-0.022	3.129	-0.0302	3.832	-0.038	3.96	0.0553	4.963	0.0544	4.963	0.0544
12.229	0.437	0.0097	0.83	-0.004	1.503	-0.0154	1.952	0.0294	2.061	0.0215	3.126	-0.0302	3.446	-0.0365	4.205	0.0404	4.963	0.0534	4.963	0.0534
12.230	0.247	0.0109	0.705	0.004	1.189	0.0124	2.438	0.0241	2.441	0.0209	3.126	-0.0302	3.448	-0.0365	4.205	0.0404	4.963	0.0534	4.963	0.0534
12.231	0.513	0.0043	0.534	0.0143	1.131	0.009	1.485	0.0245	2.458	0.0285	3.458	0.0295	4.205	0.0404	4.963	0.0534	4.963	0.0534	4.963	0.0534
12.232	0.57	-0.0039	1.024	0.0191	1.239	-0.0154	2.218	-0.0193	2.281	0.0369	2.64	-0.0168	2.739	-0.0274	3.442	-0.0398	4.963	0.0513	4.963	0.0513
12.233	0.518	-0.0042	1.175	0.0112	1.491	0.0263	2	-0.0196	2.287	0.0432	2.87	0.0105	2.656	0.0296	3.456	0.0435	4.963	0.0511	4.963	0.0511
12.234	0.493	0.0035	1.157	-0.008	1.708	0.0196	2.345	0.0209	2.345	0.0245	3.203	0.0305	3.457	0.0365	4.205	0.0404	4.963	0.0511	4.963	0.0511
12.235	0.414	-0.0042	1.053	-0.009	1.951	0.0094	1.584	-0.0181	3.011	0.0154	3.1	0.0505	3.456	0.0368	4.256	0.0404	4.963	0.0513	4.963	0.0513
12.236	0.374	-0.0042	1.048	-0.009	1.945	0.0097	1.583	-0.0181	3.015	0.0142	3.097	0.0508	3.465	0.0368	4.256	0.0404	4.963	0.0516	4.963	0.0516
12.237	0.374	-0.0042	0.948	-0.008	1.846	0.0133	1.458	-0.0181	2.713	0.0241	3.472	-0.0287	4.074	-0.0308	3.456	0.0368	3.797	0.0404	4.963	0.0513
12.238	0.357	0.0043	0.74	-0.008	1.503	-0.0154	1.787	0.029	2.148	-0.0244	3.456	-0.0302	4.227	-0.0308	4.963	0.0511	4.963	0.0511	4.963	0.0511
12.239	0.433	0.0091	0.681	-0.004	1.503	-0.0154	2.146	0.0294	2.046	-0.022	3.131	-0.0302	3.446	-0.0365	4.203	0.0404	4.963	0.0513	4.963	0.0513

12.390	0.584	-0.0036	0.984	0.0183	1.233	0.0142	2.256	-0.019	2.214	0.0345	2.276	-0.0193	2.789	0.0305	3.63	-0.0404	4.963	0.0175	4.963	-0.051
12.393	0.532	-0.0042	1.153	0.0142	1.469	0.028	2.035	-0.0199	2.639	0.0492	2.073	0.0073	1.143	-0.0042	3.143	-0.0338	4.963	-0.04	4.571	-0.0507
12.394	0.479	-0.0048	1.169	-0.0033	1.765	0.0278	1.82	-0.0196	3.01	0.0287	2.546	0.0342	2.855	-0.0209	2.901	-0.045	4.945	-0.0459	4.965	-0.0488
12.395	0.421	-0.0042	1.105	-0.004	1.445	0.0193	2.119	-0.019	2.348	0.0289	3.031	0.0493	2.141	-0.0202	3.252	-0.045	4.954	-0.0451	4.965	-0.0491
12.396	0.379	-0.0042	0.961	-0.0033	1.858	0.0133	1.407	-0.0093	2.782	-0.0208	3.536	0.0444	3.964	-0.0583	3.774	-0.058	4.958	-0.0456	4.965	-0.0311
12.397	0.342	-0.0021	0.88	-0.009	1.887	0.0148	1.502	0.0094	2.512	-0.0205	3.739	0.0082	4.373	-0.0281	4.448	-0.0644	3.492	-0.0302	4.964	-0.0302
12.398	0.333	-0.0011	0.762	-0.0007	1.515	0.0154	1.758	0.0154	2.246	-0.0207	3.506	0.0267	4.288	-0.022	4.402	-0.0311	4.54	-0.028	4.965	-0.0302
12.399	0.423	-0.0048	1.088	-0.0051	1.349	0.0151	2.031	-0.0191	2.181	0.0205	3.173	-0.0203	3.495	-0.0205	4.402	-0.0341	3.943	-0.0344	4.963	-0.0302
12.4	0.527	-0.0106	0.691	0.004	1.198	-0.013	2.406	0.026	1.824	-0.0096	2.846	-0.0302	3.508	0.0365	4.373	-0.0398	4.54	-0.017	4.963	-0.0317
12.401	0.604	-0.0052	0.807	0.0139	1.135	0.0143	2.458	-0.0036	2.891	0.0143	2.527	-0.0201	3.129	0.0353	3.937	-0.041	4.963	-0.0313	4.963	-0.0492
12.402	0.573	-0.0048	0.988	0.0181	1.238	0.0149	2.339	-0.0149	2.181	0.0282	2.274	-0.0193	2.799	-0.0205	3.514	-0.0401	4.963	-0.0313	4.963	-0.0318
12.403	0.521	-0.0042	1.16	0.0145	1.475	0.0257	2.033	-0.0202	2.627	0.0408	2.268	0.0307	2.632	-0.0048	3.109	-0.0338	4.963	-0.04	4.968	-0.0507
12.404	0.468	-0.0042	1.178	-0.0033	1.769	0.0278	1.817	-0.0196	3.006	0.0287	2.541	0.0345	2.837	-0.0209	2.97	-0.0462	4.962	-0.0462	4.964	-0.0484
12.405	0.419	-0.0042	1.072	-0.004	1.445	0.0305	2.119	-0.019	2.305	0.0207	3.020	0.0493	3.335	-0.0207	3.2	-0.045	4.963	-0.0462	4.965	-0.0484
12.406	0.37	-0.0039	0.971	-0.0033	1.858	0.0133	1.465	-0.0093	2.793	-0.0241	3.533	0.0451	3.965	-0.0595	3.781	-0.0469	4.963	-0.0311	4.963	-0.0311
12.407	0.338	-0.0018	0.868	-0.009	1.685	0.0151	1.499	0.0091	2.524	-0.0205	3.741	0.0082	4.378	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.408	0.351	-0.0024	0.769	-0.0087	1.514	0.0157	2.029	0.0269	2.506	-0.0205	3.509	-0.0274	4.309	-0.0327	4.34	-0.037	4.963	-0.032	4.968	-0.0388
12.409	0.342	-0.0021	0.865	-0.009	1.687	0.0148	1.496	0.0091	2.527	-0.0205	3.746	0.0083	4.377	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.410	0.338	-0.0018	0.868	-0.009	1.685	0.0151	1.499	0.0091	2.524	-0.0205	3.741	0.0082	4.378	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.411	0.341	-0.0021	0.865	-0.009	1.687	0.0148	1.496	0.0091	2.527	-0.0205	3.746	0.0083	4.377	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.412	0.341	-0.0021	0.865	-0.009	1.687	0.0148	1.496	0.0091	2.527	-0.0205	3.746	0.0083	4.377	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.413	0.343	-0.0021	0.865	-0.009	1.687	0.0148	1.496	0.0091	2.527	-0.0205	3.746	0.0083	4.377	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.414	0.481	-0.0045	1.173	-0.0027	1.763	0.0278	1.823	-0.0196	3.005	0.0298	2.535	0.0342	2.847	-0.0284	2.985	-0.0469	4.963	-0.0465	4.969	-0.0465
12.415	0.443	-0.0042	1.071	-0.009	1.644	0.0115	2.015	-0.019	2.607	0.0201	3.021	0.0469	3.339	-0.0207	3.2	-0.0462	4.962	-0.0462	4.964	-0.0484
12.416	0.398	-0.0042	1.071	-0.009	1.644	0.0115	2.015	-0.019	2.607	0.0201	3.021	0.0469	3.339	-0.0207	3.2	-0.0462	4.962	-0.0462	4.964	-0.0484
12.417	0.342	-0.0021	0.865	-0.009	1.687	0.0148	1.496	0.0091	2.527	-0.0205	3.746	0.0083	4.377	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.418	0.342	-0.0021	0.865	-0.009	1.687	0.0148	1.496	0.0091	2.527	-0.0205	3.746	0.0083	4.377	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.419	0.342	-0.0021	0.865	-0.009	1.687	0.0148	1.496	0.0091	2.527	-0.0205	3.746	0.0083	4.377	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.420	0.342	-0.0021	0.865	-0.009	1.687	0.0148	1.496	0.0091	2.527	-0.0205	3.746	0.0083	4.377	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.421	0.342	-0.0021	0.865	-0.009	1.687	0.0148	1.496	0.0091	2.527	-0.0205	3.746	0.0083	4.377	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.422	0.342	-0.0021	0.865	-0.009	1.687	0.0148	1.496	0.0091	2.527	-0.0205	3.746	0.0083	4.377	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.423	0.342	-0.0021	0.865	-0.009	1.687	0.0148	1.496	0.0091	2.527	-0.0205	3.746	0.0083	4.377	-0.0274	4.456	-0.0659	3.479	-0.0302	4.964	-0.0311
12.424	0.342	-0.0021	0.865	-0.009	1.687	0.0148	1.496	0.0091	2.527	-0.0205	3.746	0.0083	4.377	-0.0274	4.456	-0.0659	3.479	-0.0302	4.96	

13.577	0.345	-0.0234	0.879	-0.009	1.699	-0.0154	1.481	0.0058	2.571	-0.0347	3.738	0.0142	4.324	0.0375	4.294	0.0559	3.558	0.0365	4.415	0.0683
12.578	0.35	0.0207	0.78	-0.007	1.526	-0.0154	1.682	0.0245	2.303	-0.0244	3.553	-0.0266	4.399	-0.0108	4.844	-0.0428	3.425	-0.0122	4.963	-0.0822
12.579	0.413	0.0082	0.695	-0.006	1.361	-0.0151	2.021	0.0345	2.047	-0.0241	3.219	-0.0302	3.879	-0.0037	4.247	-0.0158	3.724	-0.0099	4.963	-0.0502
12.580	0.412	0.0082	0.695	-0.009	1.230	-0.0151	2.329	0.0238	1.841	-0.0245	2.93	-0.0303	3.355	-0.0032	4.479	-0.0177	4.307	-0.0139	4.963	-0.0503
12.581	0.598	0.0067	0.77	0.0121	1.138	-0.0154	2.473	0.0222	1.852	0.0082	2.57	-0.0299	3.211	-0.0032	4.044	-0.041	4.963	-0.0495	4.963	-0.0505
12.582	0.579	-0.0033	0.944	0.0182	1.226	-0.0156	2.016	0.0196	2.29	-0.0187	2.111	0.0305	2.299	-0.022	2.85	0.0312	3.616	-0.0404	4.963	-0.0507
12.583	0.527	-0.0042	1.129	-0.0157	1.459	-0.0154	2.048	0.0248	2.072	0.0196	2.543	0.0248	2.241	0.0207	2.638	0.0217	4.963	-0.0517	4.549	-0.0501
12.584	0.475	0.0045	1.13	0.009	1.523	0.0201	1.895	0.0245	2.542	0.0264	2.493	0.0211	2.705	0.0212	4.044	-0.0234	4.544	-0.0459	4.963	-0.0501
12.585	0.423	-0.0042	1.098	-0.0084	1.943	-0.0124	1.648	-0.019	3.079	0.0031	2.948	0.0484	3.213	0.0496	3.114	0.0239	3.784	-0.0136	4.963	-0.0506
12.586	0.376	-0.0042	1.09	-0.009	1.539	-0.0209	1.697	-0.0151	2.651	-0.0244	2.543	-0.0266	3.214	-0.0241	4.322	-0.0264	3.348	-0.0368	4.963	-0.0507
12.587	0.346	0.0207	0.791	-0.009	1.525	-0.0154	1.681	0.0242	2.316	-0.0247	3.556	-0.0266	4.372	-0.0093	4.84	-0.0441	3.403	-0.0018	4.963	-0.0502
12.588	0.414	0.0088	0.704	-0.006	1.36	-0.0154	2.015	0.0345	2.047	-0.0241	3.225	-0.0302	3.879	-0.0037	4.044	-0.059	3.7	0.0399	4.963	-0.0505
12.589	0.512	0.0069	0.681	0.012	1.365	-0.0154	2.326	0.0236	1.855	-0.0245	2.69	-0.0303	3.411	-0.0262	4.449	-0.0362	4.244	-0.0343	4.963	-0.0507
12.590	0.591	-0.0033	0.905	0.0182	1.218	-0.0153	2.478	0.0207	1.961	0.0079	2.576	-0.0299	3.228	-0.0269	4.045	-0.041	4.963	-0.0495	4.963	-0.0505
12.591	0.608	0.0067	0.768	0.0118	1.133	-0.003	2.479	0.0207	2.296	-0.0187	2.116	0.0299	2.302	-0.0223	2.864	0.0332	3.636	-0.0407	4.963	-0.0505
12.592	0.591	-0.0033	0.944	0.0182	1.226	-0.0156	2.016	0.0254	2.076	-0.0196	2.529	0.0246	2.241	0.0204	2.651	0.0312	3.229	-0.037	4.963	-0.0507
12.593	0.579	-0.0033	1.129	-0.0167	1.451	-0.0154	2.024	0.0254	2.076	-0.0196	2.529	0.0246	2.241	0.0204	2.651	0.0312	3.229	-0.037	4.963	-0.0507
12.594	0.489	0.0062	1.134	-0.0151	1.545	-0.0203	1.859	0.0236	2.344	-0.0244	2.479	-0.0303	3.223	-0.0269	4.041	-0.041	4.963	-0.0495	4.963	-0.0505
12.595	0.434	0.0042	1.092	-0.0084	1.943	-0.0127	1.853	0.0254	2.078	-0.0196	2.081	0.0054	2.944	-0.0223	3.216	0.0238	3.608	-0.0406	4.963	-0.0505
12.596	0.434	0.0042	0.988	-0.009	1.874	-0.0124	1.483	-0.0154	2.047	-0.0222	2.567	0.0222	2.241	0.0204	2.651	0.0312	3.229	-0.037	4.963	-0.0507
12.597	0.423	0.0042	1.098	-0.0084	1.943	-0.0124	1.854	0.0254	2.078	-0.0196	2.081	0.0054	2.944	-0.0223	3.216	0.0238	3.608	-0.0406	4.963	-0.0505
12.598	0.474	0.0042	1.098	-0.0084	1.943	-0.0124	1.854	0.0254	2.078	-0.0196	2.081	0.0054	2.944	-0.0223	3.216	0.0238	3.608	-0.0406	4.963	-0.0505
12.599	0.411	0.0082	0.7	-0.009	1.363	-0.0154	2.015	0.0345	2.059	-0.0341	2.322	-0.0302	4.001	-0.0347	4.908	-0.0081	3.709	-0.039	4.963	-0.0511
12.600	0.411	0.0082	0.681	-0.015	1.208	-0.0156	2.356	0.0296	1.851	-0.0244	2.904	-0.0302	3.814	-0.0266	4.044	-0.0405	3.432	-0.0142	4.963	-0.0512
12.601	0.511	0.0069	0.703	0.0118	1.137	-0.0154	2.326	0.0296	1.855	-0.0244	2.905	-0.0302	3.813	-0.0266	4.044	-0.0405	3.432	-0.0142	4.963	-0.0512
12.602	0.582	-0.0036	0.942	0.0182	1.222	-0.0153	2.298	0.0207	2.116	-0.0196	2.309	-0.0238	2.866	-0.0335	3.639	-0.0407	4.963	-0.0516	4.963	-0.0515
12.603	0.511	-0.0042	1.126	-0.0167	1.451	-0.0154	2.024	0.0254	2.511	-0.0246	2.247	-0.0304	3.234	-0.0266	4.042	-0.0405	3.432	-0.0142	4.963	-0.0517
12.604	0.489	0.0062	1.095	0.0115	1.139	-0.0155	2.356	0.0296	1.855	-0.0244	2.905	-0.0302	3.813	-0.0266	4.044	-0.0405	3.432	-0.0142	4.963	-0.0512
12.605	0.427	0.0067	0.997	0.0127	1.134	-0.002	1.453	0.0236	2.326	-0.0244	2.905	-0.0302	3.813	-0.0266	4.042	-0.0405	3.432	-0.0142	4.963	-0.0512
12.606	0.427	0.0067	0.997	0.0127	1.134	-0.002	1.453	0.0236	2.326	-0.0244	2.905	-0.0302	3.813	-0.0266	4.042	-0.0405	3.432	-0.0142	4.963	-0.0512
12.607	0.427	0.0067	0.997	0.0127	1.134	-0.002	1.453	0.0236	2.326	-0.0244	2.905	-0.0302	3.813	-0.0266	4.042	-0.0405	3.432	-0.0142	4.963	-0.0512
12.608	0.346	0.0031	0.792	-0.0037	1.529	-0.0154	1.678	0.0239	2.316	-0.0347	3.558	-0.0266	4.369	-0.0387	4.928	-0.0444	3.411	-0.0267	4.963	-0.0518
12.609	0.415	0.0085	0.703	-0.0072	1.365	-0.0151	2.014	0.0345	2.058	-0.0238	3.224	-0.0299	3.998	-0.0347	4.504	-0.0378	3.69			

12.763	0.584	-0.003	0.903	0.0173	1.215	0.0127	3.33	-0.0181	2.033	0.0263	2.328	-0.0241	2.919	0.0341	3.715	-0.0407	4.963	0.0435	4.963	-0.0513
12.763	0.533	-0.0042	1.094	0.0185	1.441	0.0248	2.111	-0.0193	2.428	0.0411	2.229	-0.0012	2.658	-0.0181	3.3	-0.0392	4.963	0.0169	4.932	-0.0567
12.764	0.481	-0.0042	1.193	0.0049	1.736	0.0234	1.894	-0.0196	2.865	0.0396	2.43	0.0269	2.709	0.0148	3.003	-0.0205	4.963	0.0453	4.929	-0.0456
12.765	0.429	-0.0042	1.121	-0.0001	1.520	0.0233	1.935	-0.0193	2.363	0.0212	2.272	0.0271	3.037	0.0261	3.465	-0.0245	4.963	0.0453	4.929	-0.0451
12.766	0.381	-0.0039	1.016	-0.0003	1.894	0.0121	1.502	0.0145	2.916	-0.0223	3.398	0.0499	3.689	0.0599	4.468	0.0448	4.08	0.0469	4.963	0.0101
12.767	0.34	-0.0027	0.912	-0.009	1.71	0.0154	1.463	0.0024	2.641	-0.0244	3.724	0.0209	4.249	0.0469	4.117	0.0469	3.827	0.0414	4.963	0.0362
12.768	0.341	-0.0024	0.813	-0.009	1.558	0.0154	1.833	0.0218	2.607	-0.0214	3.665	0.0209	4.407	0.0469	4.117	0.0465	3.97	0.0411	4.963	0.0101
12.769	0.402	-0.0027	0.773	-0.009	1.37	0.0154	1.595	0.0236	2.112	0.0261	2.373	0.0209	3.273	0.0222	3.273	-0.0258	4.963	0.0101	4.933	0.0362
12.77	0.507	0.0112	0.678	-0.0012	1.216	0.0139	2.313	0.0323	1.888	-0.0181	2.941	0.0326	3.692	0.0356	4.606	-0.0383	4.963	0.0101	4.963	-0.0176
12.771	0.601	0.0079	0.74	0.007	1.133	0.0082	2.481	0.0282	2.481	0.0264	2.62	-0.0209	3.307	0.0362	4.167	0.0241	4.963	0.0101	4.963	-0.0495
12.772	0.589	0.005	0.595	0.0173	1.208	0.0244	2.338	0.0267	2.338	0.0267	2.333	0.0241	2.234	0.0265	3.715	0.0464	4.963	0.0101	4.933	0.0351
12.773	0.546	-0.0045	1.086	0.0182	1.423	0.0245	2.116	-0.0193	2.431	0.0405	2.229	-0.0218	2.672	0.0181	3.321	-0.0395	4.963	0.0453	4.935	-0.051
12.774	0.492	-0.0042	1.187	0.0052	1.728	0.0142	1.89	-0.0199	2.869	0.0393	2.426	0.0286	2.716	0.0145	3.003	-0.0205	4.963	0.0453	4.929	-0.0453
12.775	0.439	-0.0042	1.115	-0.0001	1.607	0.0145	1.842	0.0242	2.364	0.0218	2.364	0.0241	3.005	0.0464	4.569	0.0465	4.795	0.0217	4.963	0.0351
12.776	0.591	-0.0039	1.011	-0.009	1.685	0.0117	1.505	0.0148	2.921	-0.0202	3.363	0.0499	3.688	0.0562	4.373	0.0487	4.103	0.0469	4.963	0.0101
12.777	0.349	-0.0033	0.907	-0.009	1.711	0.0154	1.482	0.0019	2.647	-0.024	3.724	0.0218	4.247	0.0472	4.117	0.0653	3.648	-0.0417	4.943	0.0692
12.778	0.345	0.01919	0.808	-0.0087	1.539	0.0154	1.628	0.0212	2.370	-0.0245	3.613	0.0209	4.406	0.0115	3.715	-0.0258	4.963	0.0453	4.937	0.0362
12.779	0.34	0.0073	0.716	-0.0078	1.771	0.0154	1.545	0.0236	2.154	-0.0244	2.38	0.0208	3.298	0.0358	3.508	0.0303	4.963	0.0453	4.937	0.0362
12.78	0.501	0.0109	0.678	-0.0008	1.218	0.0137	2.307	-0.0189	1.89	0.0187	2.948	0.0327	3.693	-0.0302	4.607	-0.038	4.178	0.0209	4.963	-0.0163
12.781	0.594	0.0079	0.743	0.0097	1.137	0.0088	2.481	0.0288	2.481	0.0222	2.626	0.0299	3.309	0.0356	4.168	-0.0407	4.963	0.0453	4.937	-0.0495
12.782	0.549	0.0087	0.77	0.007	1.713	0.0142	1.545	0.0244	2.341	-0.0247	3.624	0.0208	4.406	0.0141	3.715	-0.0257	4.963	0.0453	4.937	-0.0495
12.783	0.536	-0.0042	1.088	0.0182	1.439	0.0245	2.116	-0.0199	2.42	0.0405	2.235	-0.0218	2.669	0.0194	3.322	-0.0395	4.963	0.0453	4.938	-0.051
12.784	0.485	-0.0045	1.192	0.0055	1.734	0.0237	1.904	-0.0196	2.858	0.0398	2.431	0.0289	2.712	0.0139	3.016	-0.022	4.963	0.0453	4.941	-0.0453
12.785	0.432	-0.0042	1.12	-0.0081	1.642	0.0142	1.891	0.0242	2.347	0.0237	2.347	0.0261	3.079	0.0464	4.043	0.0242	4.963	0.0453	4.937	-0.051
12.786	0.585	0.0042	1.514	0.0007	1.704	0.0145	1.503	0.0245	2.343	0.0237	2.343	0.0261	3.079	0.0464	4.043	0.0242	4.963	0.0453	4.937	-0.051
12.787	0.342	-0.0024	0.911	-0.0093	1.717	0.0154	1.465	0.0215	2.644	-0.0247	3.72	0.0209	4.238	0.0172	4.106	0.0568	4.645	0.0262	4.963	0.0351
12.788	0.342	0.0022	0.813	-0.0087	1.717	0.0154	1.643	0.0215	2.377	0.0247	3.606	0.0215	4.405	0.0172	4.106	0.0568	4.645	0.0262	4.963	0.0351
12.789	0.342	0.0022	0.778	-0.0081	1.579	0.0154	1.503	0.0233	2.130	0.0244	2.303	0.0208	3.209	0.0358	3.588	0.0303	4.963	0.0453	4.937	0.0351
12.79	0.506	0.0109	0.678	-0.0012	1.221	0.0139	2.307	0.0327	1.888	0.0194	2.941	0.0362	3.694	0.0382	4.654	0.0209	4.169	0.0209	4.963	-0.0169
12.791	0.6	0.0085	0.735	0.0094	1.137	0.0154	1.628	0.0215	2.476	0.0248	3.605	0.0209	4.276	0.0172	4.106	0.0568	4.645	0.0262	4.963	0.0351
12.792	0.585	0.0051	0.631	0.0117	1.21	0.0121	2.307	0.0327	2.027	0.0207	2.302	0.0247	3.208	0.0358	3.698	0.0303	4.963	0.0453	4.937	0.0351
12.793	0.544	-0.0042	1.08	0.0182	1.433	0.0245	2.117	-0.0198	2.414	0.0402	2.244	-0.0204	2.668	0.0187	3.321	-0.0395	4.963	0.0453	4.937	-0.0507
12.794	0.492	-0.0045	1.186	0.0058	1.726	0.0142	1.893	-0.0196	2.854	0.0402	2.415	0.0266	2.707	0.0136	3.014	-0.0223	4.96			

13.947	0.345	0.003	0.934	-0.009	1.723	-0.0151	1.456	0.0013	2.701	-0.0341	3.703	0.0246	4.161	0.0632	3.95	0.0638	3.722	0.0438	4.466	0.0701
12.948	0.338	0.0015	0.934	-0.009	1.549	-0.0157	1.59	0.0185	2.431	-0.0247	3.653	-0.0169	4.43	0.0104	4.618	0.0604	3.413	0.0199	4.963	0.0819
12.949	0.392	0.0076	0.738	-0.0081	1.382	-0.0151	1.893	0.0218	1.165	-0.0244	3.321	-0.0293	4.178	0.0123	3.949	0.0218	4.963	0.0472	4.963	0.0701
12.950	0.423	0.0016	0.936	-0.003	1.225	-0.0142	1.925	0.0245	2.355	-0.0231	2.591	-0.0323	4.171	0.0133	4.710	0.0205	4.963	0.0473	4.963	0.0701
12.951	0.594	0.0091	0.717	0.0073	1.134	0.0164	2.476	0.0113	1.823	0.0207	2.667	-0.0302	3.397	0.0265	4.27	-0.0404	4.765	0.0747	4.963	0.0495
12.952	0.602	-0.0021	0.856	0.0157	1.198	0.0112	2.377	-0.0166	1.973	0.0212	2.369	-0.0296	3.022	-0.0395	3.836	-0.0404	4.963	0.0569	4.963	0.0701
12.953	0.525	-0.0042	1.045	0.0191	1.416	0.0142	2.156	-0.0196	2.333	0.0184	2.237	-0.0269	2.715	0.0241	3.417	-0.0451	4.963	0.0403	4.52	0.0701
12.954	0.469	0.0045	1.118	0.0094	1.71	0.0138	1.594	0.0287	1.594	0.0193	2.772	0.0153	2.644	0.0233	4.603	0.0241	4.019	0.0209	4.963	0.0447
12.955	0.446	-0.0042	1.138	0.0072	1.931	0.0116	1.726	-0.0196	1.934	0.0194	2.793	0.0147	3.006	0.0309	3.01	0.0405	4.701	0.0462	3.785	0.0701
12.956	0.396	-0.0045	1.033	0.003	1.523	-0.009	1.724	0.0149	1.495	0.0249	2.723	0.0184	3.750	0.0200	3.449	0.0203	3.744	0.0244	4.711	0.0701
12.957	0.323	0.0013	0.933	-0.009	1.523	0.0153	1.595	-0.0154	1.585	0.0182	2.435	0.0182	3.663	-0.0168	4.428	0.0104	3.434	0.0205	4.963	0.0819
12.958	0.341	0.0012	0.83	-0.009	1.95	0.0154	1.888	0.0218	1.68	0.0244	3.329	-0.0299	4.178	0.0123	3.523	0.0212	4.963	0.0472	4.963	0.0701
12.959	0.391	0.0073	0.738	-0.0084	1.387	0.0151	1.89	0.0318	2.168	-0.0244	3.322	-0.0299	4.176	0.0323	3.515	0.02	4.963	0.0468	4.963	0.0701
12.960	0.492	0.0109	0.677	0.003	1.23	0.0146	2.251	-0.0211	1.961	0.0242	2.991	-0.0302	3.398	0.0265	4.785	0.0171	4.751	0.0377	4.963	0.0465
12.961	0.593	0.0093	0.714	0.007	1.256	0.0145	1.939	0.0245	2.405	0.0208	2.598	0.0203	3.482	0.0242	4.711	0.0163	4.963	0.0471	4.963	0.0701
12.962	0.594	-0.0021	0.86	0.016	1.203	0.0115	1.822	0.0142	1.963	0.0203	2.674	-0.0302	3.397	0.0265	4.877	0.0171	4.703	0.0369	4.963	0.0495
12.963	0.545	0.0088	0.718	0.0076	1.138	0.0046	2.476	0.0142	1.922	0.0163	2.677	-0.0296	3.022	0.0262	4.27	-0.0407	4.733	0.0747	4.963	0.0495
12.964	0.545	0.0088	0.718	0.0076	1.138	0.0046	2.476	0.0142	1.922	0.0163	2.677	-0.0296	3.022	0.0262	4.27	-0.0407	4.733	0.0747	4.963	0.0495
12.965	0.594	0.0091	0.717	0.007	1.178	0.0097	1.538	0.0145	2.38	0.0163	2.377	-0.0268	2.770	0.0237	4.278	0.0163	4.703	0.0369	4.963	0.0495
12.966	0.544	-0.0042	1.05	0.0188	1.423	0.0242	2.16	-0.0196	2.326	0.0181	2.234	-0.0206	2.713	0.0241	3.419	-0.0401	4.963	0.0507	4.963	0.0701
12.967	0.493	0.0045	1.143	0.0094	1.731	0.0116	1.731	0.0194	1.545	0.0208	2.772	0.0184	3.004	0.0309	3.333	0.0411	4.214	0.0462	3.785	0.0701
12.968	0.446	-0.0042	1.138	0.0072	1.931	0.0116	1.726	-0.0196	1.934	0.0194	2.793	0.0147	3.006	0.0309	3.01	0.0405	4.701	0.0462	3.785	0.0701
12.969	0.34	0.0015	0.834	-0.007	1.545	-0.0157	1.59	0.0182	2.432	-0.0244	3.653	-0.0168	4.423	0.0104	3.432	0.0205	4.963	0.0811	4.963	0.0701
12.970	0.393	0.0073	0.738	-0.0084	1.387	0.0151	1.89	0.0318	2.168	-0.0244	3.322	-0.0299	4.176	0.0323	3.515	0.02	4.963	0.0468	4.963	0.0701
12.971	0.492	0.0109	0.677	0.003	1.23	0.0146	2.251	-0.0211	1.961	0.0242	2.991	-0.0302	3.398	0.0265	4.785	0.0171	4.751	0.0377	4.963	0.0465
12.972	0.602	-0.0018	0.85	0.0157	1.201	0.0112	2.377	-0.0168	1.962	0.0242	2.369	-0.0269	3.025	0.0268	4.387	-0.0407	4.963	0.0505	4.963	0.0701
12.973	0.55	0.0042	1.039	0.0188	1.417	0.0242	2.157	0.0208	2.238	0.0203	2.23	0.0278	2.712	0.0241	3.421	-0.0398	4.963	0.0467	4.963	0.0701
12.974	0.55	0.0042	1.039	0.0188	1.417	0.0242	2.157	0.0208	2.238	0.0203	2.23	0.0278	2.712	0.0241	3.421	-0.0398	4.963	0.0467	4.963	0.0701
12.975	0.55	0.0042	1.039	0.0188	1.417	0.0242	2.157	0.0208	2.238	0.0203	2.23	0.0278	2.712	0.0241	3.421	-0.0398	4.963	0.0467	4.963	0.0701
12.976	0.55	0.0042	1.039	0.0188	1.417	0.0242	2.157	0.0208	2.238	0.0203	2.23	0.0278	2.712	0.0241	3.421	-0.0398	4.963	0.0467	4.963	0.0701
12.977	0.55	0.0042	1.039	0.0188	1.417	0.0242	2.157	0.0208	2.238	0.0203	2.23	0.0278	2.712	0.0241	3.421	-0.0398	4.963	0.0467	4.963	0.0701
12.978	0.55	0.0042	1.039	0.0188	1.417	0.0242	2.157	0.0208	2.238	0.0203	2.23	0.0278	2.712	0.0241	3.421	-0.0398	4.963	0.0467	4.963	0.0701
12.979	0.388	0.0087	0.735	-0.0084	1.224	0.0142	2.24	0.0318	1.878	0.0214	2.701	-0.0341	3.322	-0.0299	4.176	0.0323	3.515	0.02		

13.132	0.61	-0.0003	0.83	0.0143	1.189	0.01	2.417	-0.0136	1.923	0.0163	2.407	-0.0278	3.098	-0.035	3.937	-0.041	4.963	0.0447	4.963	-0.051
13.133	0.568	-0.0045	1.004	0.0191	1.398	0.0236	2.195	-0.0193	2.244	0.0396	2.229	-0.0099	2.761	-0.0284	3.515	-0.0404	4.963	0.0442	4.963	-0.051
13.134	0.506	-0.0042	1.163	0.0124	1.689	0.0237	2.977	-0.0199	2.88	0.0432	2.339	-0.0191	2.661	-0.0332	3.131	-0.042	4.963	0.0444	4.963	-0.051
13.135	0.493	-0.0045	1.195	-0.0051	1.923	0.0233	2.973	-0.0193	2.603	0.0306	2.721	-0.0243	2.915	-0.0323	3.413	-0.0442	4.963	0.0442	4.963	-0.051
13.136	0.403	-0.0042	1.053	-0.0087	1.907	0.0237	1.564	-0.0178	3.035	-0.0102	3.243	0.0152	3.439	-0.0566	3.23	-0.0339	4.963	0.0457	4.963	-0.051
13.137	0.357	-0.0038	0.952	-0.009	1.735	0.0148	1.454	-0.0048	2.762	-0.0241	3.674	0.0327	4.053	-0.0574	3.788	-0.0595	3.844	-0.0496	4.963	0.0307
13.138	0.341	-0.0003	0.849	-0.009	1.562	0.0154	1.544	-0.0081	2.454	-0.0247	3.698	-0.0209	4.416	-0.0547	4.469	-0.0581	4.963	0.0451	4.963	-0.051
13.139	0.381	-0.0024	0.924	-0.0094	1.294	0.0154	1.822	-0.0033	2.237	-0.0247	3.178	-0.0293	4.254	-0.0521	4.529	-0.0565	4.963	0.0443	4.963	-0.051
13.140	0.473	0.01	0.681	-0.0045	1.236	0.0142	2.187	-0.0054	1.975	-0.022	3.046	-0.0305	3.885	-0.0359	4.819	-0.0253	3.88	-0.0508	4.963	-0.0208
13.141	0.465	-0.0007	0.7	0.005	1.543	0.0145	1.933	-0.0045	2.454	-0.0247	2.721	-0.0201	3.48	-0.0365	4.587	-0.0255	4.963	0.0443	4.963	-0.051
13.142	0.403	-0.0008	0.533	-0.0045	1.193	0.0145	2.124	-0.0157	1.917	-0.0116	2.415	-0.0231	3.1	-0.0341	3.642	-0.0465	4.963	0.0443	4.963	-0.051
13.143	0.549	-0.0039	1.008	0.0188	1.404	0.0239	2.198	-0.019	2.238	0.0364	2.239	-0.0096	2.76	-0.0294	3.518	-0.0404	4.963	0.0442	4.963	-0.0507
13.144	0.497	-0.0045	1.168	0.0127	1.695	0.0237	1.976	-0.019	2.67	0.0432	2.345	0.0185	2.657	-0.0332	4.963	-0.0442	4.963	-0.0443	4.963	-0.0507
13.145	0.444	-0.0042	1.144	-0.0051	1.923	0.0233	1.573	-0.0179	2.603	0.0243	2.725	0.0423	2.865	-0.0328	4.915	-0.0442	4.963	0.0443	4.963	-0.0509
13.146	0.398	-0.0042	1.059	-0.0087	1.91	0.0194	1.567	-0.0175	2.031	-0.0096	3.243	0.0511	3.429	-0.0563	3.224	-0.0462	4.963	0.0443	4.963	-0.0509
13.147	0.351	-0.0033	0.958	-0.0093	1.739	0.0151	1.458	-0.0048	2.761	-0.0241	3.666	0.0321	4.041	-0.0574	3.776	-0.0592	3.847	-0.0496	4.963	0.0307
13.148	0.336	0.0006	0.855	-0.009	1.566	0.0154	1.55	-0.0145	2.405	-0.0247	3.688	-0.0212	4.407	-0.0647	3.474	-0.0494	4.963	0.0307	4.963	-0.051
13.149	0.383	-0.0024	0.757	-0.0087	1.298	0.0154	1.566	-0.0129	2.209	-0.0247	3.368	-0.0293	4.251	-0.0578	4.573	-0.0564	4.963	0.0444	4.963	-0.051
13.150	0.478	0.0103	0.683	-0.0048	1.238	0.0142	2.188	-0.0151	1.973	-0.0228	3.037	-0.0294	4.416	-0.0521	4.609	-0.0581	4.963	0.0443	4.963	-0.051
13.151	0.583	0.01	0.695	-0.0046	1.14	0.0191	1.823	-0.0094	2.712	-0.0232	3.477	-0.0359	4.819	-0.0253	3.88	-0.0508	4.963	0.0443	4.963	-0.051
13.152	0.448	-0.0008	0.515	-0.0045	1.191	0.0145	2.124	-0.0145	1.917	-0.0167	2.407	-0.0231	3.368	-0.0407	4.495	-0.0462	4.963	0.0443	4.963	-0.051
13.153	0.598	-0.0042	0.998	0.0185	1.399	0.0233	2.197	-0.0193	2.229	0.0361	2.277	-0.0102	2.759	-0.0284	3.515	-0.0404	4.963	0.0445	4.963	-0.0507
13.154	0.504	-0.0045	1.16	0.013	1.688	0.0237	1.978	-0.0196	2.684	0.0435	2.33	0.0185	2.655	-0.0332	4.963	-0.0442	4.963	-0.0441	4.963	-0.0507
13.155	0.452	-0.0042	1.161	0.0127	1.602	0.0232	1.902	-0.0196	2.605	0.0425	2.715	0.027	2.665	-0.0332	3.151	-0.0442	4.963	0.0442	4.963	-0.0507
13.156	0.405	-0.0045	1.025	-0.0057	1.904	0.0231	1.591	-0.0151	2.603	0.0303	3.234	0.0514	3.407	-0.0332	3.213	0.0333	4.935	0.0443	4.963	-0.0507
13.157	0.357	-0.0033	0.954	-0.0093	1.734	0.0151	1.452	-0.0051	2.767	-0.0241	3.684	0.033	4.036	-0.0577	3.768	-0.0592	3.844	-0.0493	4.963	0.0313
13.158	0.338	-0.0042	0.777	-0.0087	1.234	0.0145	1.561	-0.0045	2.466	-0.0244	3.698	-0.0209	4.412	-0.0577	4.447	-0.0593	4.963	0.0313	4.963	-0.0506
13.159	0.388	-0.0084	0.733	-0.0087	1.30	0.0154	1.593	-0.0129	2.233	-0.0247	3.379	-0.0205	4.271	-0.0578	4.411	-0.0593	4.963	0.0305	4.963	-0.0506
13.160	0.469	0.01	0.682	-0.0048	1.232	0.0142	2.176	-0.0154	1.978	-0.0228	3.048	-0.0232	4.876	-0.0558	4.827	-0.0338	3.856	-0.0499	4.963	0.0305
13.161	0.573	0.01	0.697	-0.0049	1.137	0.0157	1.507	-0.0197	2.45	-0.0247	2.824	-0.0202	4.416	-0.057	4.59	-0.0561	4.963	0.0305	4.963	-0.0506
13.162	0.401	-0.0033	0.819	-0.019	1.149	0.0154	1.505	-0.0129	2.405	-0.0247	3.174	-0.0241	4.275	-0.0567	4.311	-0.0581	4.963	0.0303	4.963	-0.0505
13.163	0.55	-0.0042	1.002	0.0188	1.4	0.0206	2.203	-0.0193	2.222	0.0381	2.767	-0.0102	3.529	-0.0308	4.963	0.016	4.963	0.0507		
13.164	0.497	-0.0045	1.167	0.0133	1.691	0.0209	1.982	-0.0196	2.658	0.0435	2.339	0.0185	2.655	-0.0312	3.141	-0.0341	4.963	0.0447	4.963	-0.051
13.165</td																				

13.317	0.363	-0.0036	0.976	-0.009	1.745	-0.0151	1.513	0.0112	2.552	-0.0244	3.724	-0.0033	4.378	0.0321	4.306	0.0652	3.537	0.0347	4.963	0.081
13.318	0.373	0.0055	0.774	-0.0084	1.403	0.0154	2.028	2.284	-0.0205	3.427	-0.029	4.357	0.0178	4.855	0.0468	3.428	0.0612	4.963	0.0435	
13.319	0.439	0.0041	0.602	0.006	1.245	0.0145	2.045	2.119	0.0037	2.505	-0.0208	3.503	-0.0203	3.548	0.0155	3.755	0.0429	4.963	0.0338	
13.320	0.564	0.0103	0.687	0.0027	1.14	0.0083	2.425	2.029	-0.013	2.766	-0.0302	3.556	0.0365	4.485	-0.032	4.417	0.092	4.963	0.0469	
13.321	0.604	0.0012	0.788	0.013	1.185	0.0097	2.45	2.026	-0.006	1.874	0.0109	2.457	-0.029	3.176	0.0362	4.047	0.041	4.963	0.0513	
13.322	0.565	-0.0042	0.966	0.0182	1.387	0.0027	2.455	2.236	-0.019	1.251	0.0018	2.457	-0.0153	2.452	0.0154	4.485	0.0464	4.485	0.0507	
13.323	0.504	0.0042	1.143	0.0157	1.678	0.0209	2.195	2.127	0.006	1.251	0.0024	2.195	0.0211	2.311	0.0164	2.324	0.0174	4.963	0.0465	
13.325	0.45	-0.0042	1.182	0.0152	1.919	0.0195	1.804	2.071	-0.0199	2.971	0.0327	2.68	0.0396	2.829	0.0268	2.987	-0.0124	4.963	0.0469	
13.326	0.402	-0.0042	1.081	-0.0034	1.509	0.0191	1.509	2.039	0.0049	1.509	0.0112	2.034	0.0208	3.309	0.055	3.309	0.0245	4.432	0.0465	
13.327	0.586	-0.0028	0.779	-0.009	1.149	0.0151	2.446	2.354	0.0038	2.528	0.0308	3.528	0.0365	3.525	0.0367	3.523	0.0348	4.713	0.0716	
13.328	0.336	0	0.877	-0.009	1.578	-0.0154	1.515	0.0112	2.55	-0.0244	3.717	-0.0033	4.373	0.0321	4.297	0.0682	3.535	0.0367	4.963	0.0807
13.329	0.373	0.0058	0.778	-0.009	1.578	-0.0154	1.515	0.0112	2.55	-0.0244	3.717	-0.0033	4.373	0.0321	4.297	0.0682	3.535	0.0367	4.963	0.0807
13.330	0.442	0.0043	0.694	-0.003	1.249	0.0145	2.445	2.282	0.0045	1.765	0.0154	2.252	0.0205	3.307	0.0447	4.346	0.0423	4.422	0.0426	
13.331	0.57	0.0103	0.682	0.0022	1.141	0.0083	2.421	2.029	0.0031	2.029	0.0239	1.938	-0.0302	3.556	0.0362	4.463	0.0469	4.463	0.0513	
13.332	0.612	0.0012	0.779	0.0127	1.184	0.0094	2.45	2.246	0.0091	2.046	0.0103	2.449	-0.0287	3.177	0.0358	4.05	-0.041	4.963	0.0707	
13.333	0.564	-0.0042	0.955	0.0182	1.382	0.023	2.236	2.236	-0.019	1.184	0.0163	2.449	-0.0142	2.822	0.0317	3.162	0.0407	4.963	0.0513	
13.334	0.564	-0.0042	1.134	0.0157	1.578	0.0209	1.578	2.039	0.006	1.251	0.0024	2.039	0.0245	2.449	-0.0142	2.822	0.0317	4.963	0.0513	
13.335	0.457	-0.0048	1.178	-0.0009	1.911	0.0182	1.801	2.071	-0.0196	2.971	0.0333	2.641	0.0393	2.823	0.0268	2.862	-0.0133	4.926	0.0458	
13.336	0.408	-0.0039	0.797	-0.0084	1.914	0.0169	1.597	2.039	-0.0187	1.801	0.0109	2.069	0.0303	3.158	0.0514	3.122	0.0402	4.434	0.0458	
13.337	0.581	0.0041	0.797	-0.0084	1.914	0.0169	1.597	2.039	-0.0187	1.801	0.0109	2.069	0.0303	3.158	0.0514	3.122	0.0402	4.434	0.0458	
13.338	0.338	-0.0003	0.874	-0.009	1.571	-0.0154	1.505	0.0109	2.527	-0.0247	3.724	-0.0024	4.372	0.0319	4.284	0.0685	3.535	0.0367	4.963	0.0813
13.339	0.37	0.0055	0.775	-0.009	1.399	0.0154	1.754	2.291	-0.0247	3.431	-0.0247	4.342	0.0169	4.84	0.0435	3.414	0.0303	4.963	0.0432	
13.340	0.456	0.01	0.693	0.024	1.242	0.0145	2.007	2.007	0.0054	1.452	0.0153	2.007	0.0205	3.556	0.0405	4.002	0.0423	4.734	0.0716	
13.341	0.545	0.0033	0.693	0.0204	1.14	0.0083	2.445	2.445	0.0045	1.452	0.0153	2.007	0.0205	3.556	0.0405	4.002	0.0423	4.734	0.0716	
13.342	0.613	0.0015	0.779	0.0127	1.182	0.0094	2.45	2.245	-0.0157	1.875	0.0097	2.46	-0.0287	3.183	0.0356	4.059	-0.0407	4.963	0.0513	
13.343	0.566	-0.0039	0.95	0.0182	1.382	0.023	2.244	2.244	-0.019	1.182	0.0163	2.449	-0.0142	2.822	0.0317	3.643	0.0407	4.963	0.0507	
13.344	0.514	0.0042	1.124	0.0157	1.578	0.0209	1.578	2.039	-0.019	1.251	0.0024	2.039	0.0245	2.449	-0.0142	2.822	0.0317	4.963	0.0507	
13.345	0.46	-0.0042	1.178	0.0186	1.809	0.0168	1.809	2.039	-0.0196	1.809	0.0109	2.069	0.0303	3.158	0.0514	3.122	0.0404	4.434	0.0458	
13.346	0.451	0.0042	1.187	0.0187	1.914	0.0188	1.809	2.039	-0.0196	1.809	0.0109	2.069	0.0303	3.158	0.0514	3.122	0.0404	4.434	0.0458	
13.347	0.41	-0.0042	1.089	-0.0087	1.919	0.0188	1.809	2.039	-0.0196	1.809	0.0109	2.069	0.0303	3.158	0.0514	3.122	0.0404	4.434	0.0458	
13.348	0.356	-0.0038	0.988	-0.009	1.746	0.0148	1.463	2.048	-0.0087	1.809	0.0099	2.069	0.0303	3.158	0.0514	3.122	0.0404	4.434	0.0458	
13.349	0.371	0.0081	0.782	-0.0087	1.407	0.0154	1.759	2.291	-0.0247	3.433	-0.0247	4.341	0.0169	4.844	0.0435	3.414	0.0303	4.963	0.0423	
13.350	0.481	0.01	0.74	0.0145	1.249	0.0145	2.007	2.007	0.0054	1.452	0.0153	2.007	0.0205	3.556	0.0405	4.002	0.0423	4.734	0.0716	
13.351	0.527	0.0028	0.685	0.0203	1.14	0.0083	2.445	2.445	0.0045	1.452	0.0153	2.007	0.0205	3.556	0.0405	4.002	0.0423	4.734	0.0716	
13.352	0.613	0.0015	0.779	0.0127	1.182	0.0094	2.45													

13.502	0.406	0.024	0.761	0.0109	1.176	0.0085	2.471	-0.0003	1.846	0.0055	2.409	-0.0203	3.253	0.0365	4.154	0.0407	4.963	0.0373	4.963	-0.0513
13.503	0.562	-0.0036	0.923	0.0175	1.37	0.0224	2.276	-0.0187	2.077	0.0278	2.263	-0.0172	2.887	-0.0338	3.723	-0.0407	4.963	0.0402	4.965	-0.0567
13.504	0.51	-0.0045	1.1	0.0175	1.658	0.0237	2.058	-0.0196	0.942	0.042	2.281	0.0199	2.662	-0.0336	3.309	-0.0392	4.963	0.0205	3.981	-0.0426
13.505	0.431	-0.0042	1.22	0.0204	1.102	0.0081	1.929	-0.054	1.035	0.0205	2.265	-0.0195	2.502	-0.0308	3.212	-0.0323	4.963	0.0203	3.979	-0.0430
13.506	0.408	-0.0042	1.08	0.0081	1.004	-0.009	1.758	0.0148	1.477	-0.0108	2.884	0.0027	3.577	0.0491	3.799	0.057	4.544	0.0468	4.963	0.0402
13.507	0.361	-0.0038	0.898	-0.0009	1.586	0.0137	1.469	0.0137	1.469	0.0137	2.609	-0.0141	3.732	0.0405	4.045	0.0405	4.963	0.0272	4.763	0.0305
13.508	0.335	-0.0049	0.89	0.0009	1.447	0.0002	1.503	0.0125	1.503	0.0125	2.343	-0.0141	3.498	0.0405	4.174	0.0405	4.963	0.0272	4.763	0.0305
13.509	0.364	-0.0052	0.803	-0.0009	1.417	0.0154	1.514	0.0154	1.514	0.0154	2.603	-0.0141	3.498	0.0405	4.174	0.0405	4.963	0.0272	4.763	0.0305
13.510	0.351	0.0097	0.71	-0.0072	1.205	0.0148	2.054	0.0345	2.054	0.0241	3.135	-0.0302	4.027	0.0347	4.934	0.0303	4.963	0.0289	4.963	0.0303
13.511	0.558	0.0109	0.519	0.0073	0	0.027	2.384	0.0278	1.865	-0.0166	2.808	-0.0205	3.636	0.0365	4.549	0.0405	4.963	0.0261	4.963	0.0301
13.512	0.513	0.0104	0.573	0.0058	1.174	0.0209	1.503	0.0141	1.503	0.0141	2.403	-0.0205	3.211	0.0365	4.15	0.0405	4.963	0.0261	4.963	0.0301
13.513	0.571	-0.0038	0.912	0.0173	1.365	0.0224	2.275	-0.0187	2.071	0.0278	2.265	-0.0172	2.886	-0.0335	3.721	-0.0407	4.963	0.0408	4.45	-0.0567
13.514	0.519	-0.0042	1.1	0.0175	1.65	0.0234	2.055	-0.0199	2.472	0.0417	2.269	0.0103	2.658	-0.0305	3.306	-0.0392	4.963	0.0199	3.981	-0.0426
13.515	0.446	-0.0042	1.185	0.0207	1.605	0.0197	1.833	0.0196	1.833	0.0196	2.349	0.0176	2.817	-0.0305	3.206	-0.0392	4.963	0.0203	3.979	-0.0430
13.516	0.388	-0.0038	1	-0.009	1.751	0.0148	1.471	-0.0114	2.892	-0.0225	3.576	0.0423	3.792	0.0505	3.196	0.0514	4.544	0.0468	4.963	0.0402
13.517	0.317	0.0054	1.104	-0.0081	1.919	0.0157	1.633	0.0193	1.633	0.0193	2.079	0.0027	3.079	0.0508	3.19	0.0448	4.546	0.0465	4.963	0.0371
13.518	0.415	-0.0045	1.054	-0.0081	1.919	0.0157	1.633	0.0193	1.633	0.0193	2.079	0.0027	3.079	0.0508	3.19	0.0448	4.546	0.0465	4.963	0.0371
13.519	0.338	-0.0012	0.897	0.0157	1.579	-0.009	1.579	0.0157	1.579	0.0157	2.041	0.0244	2.884	0.0417	4.314	0.0653	4.963	0.0267	4.963	0.0307
13.520	0.363	0.0054	1.054	-0.0081	1.919	0.0157	1.633	0.0193	1.633	0.0193	2.079	0.0027	3.079	0.0508	3.19	0.0448	4.546	0.0465	4.963	0.0371
13.521	0.442	0.0097	0.709	-0.0072	1.25	0.0148	2.043	0.0348	2.043	0.0241	3.145	-0.0302	4.027	0.0347	4.943	0.0303	4.963	0.0289	4.963	0.0303
13.521	0.549	0.0106	0.677	0.0173	0	0.027	2.376	0.0284	1.871	0.0169	2.819	0.0365	3.646	0.0365	4.601	0.0407	4.963	0.0267	4.963	0.0301
13.522	0.505	0.0054	1.17	0.0081	1.753	0.0159	1.572	-0.009	1.572	0.0159	2.041	0.0244	2.884	0.0417	4.314	0.0653	4.963	0.0267	4.963	0.0301
13.523	0.592	-0.0042	0.917	0.0173	1.366	0.0224	2.062	-0.0187	2.065	0.0278	2.264	-0.0172	2.894	-0.0338	3.732	-0.0407	4.963	0.0423	4.464	-0.0567
13.524	0.512	-0.0042	1.108	0.0179	1.653	0.0237	2.062	-0.0196	2.47	0.0417	2.278	0.01	2.682	-0.0332	3.318	-0.0392	4.963	0.0408	3.978	-0.0426
13.525	0.457	-0.0045	1.195	0.0207	1.607	0.0191	1.844	0.0191	1.844	0.0191	2.060	0.0243	2.885	0.0363	3.014	0.0314	4.963	0.0205	3.979	-0.0426
13.526	0.491	0.0059	1.153	-0.0081	1.595	0.0159	1.595	0.0159	1.595	0.0159	2.041	0.0245	2.886	0.0365	3.079	0.0314	4.963	0.0205	3.979	-0.0426
13.527	0.361	-0.0039	1.01	-0.0093	1.758	0.0145	1.477	-0.0114	2.892	-0.0225	3.576	0.0428	3.782	0.0502	3.064	0.0462	4.766	0.0378	4.963	0.0307
13.528	0.334	-0.0059	0.908	-0.009	1.598	0.0157	1.488	0.0157	1.488	0.0157	2.041	0.0243	2.885	0.0363	3.078	0.0314	4.963	0.0205	3.979	-0.0426
13.529	0.330	0.0046	1.056	0.0081	1.758	-0.009	1.595	0.0157	1.595	0.0157	2.041	0.0243	2.885	0.0363	3.079	0.0314	4.963	0.0205	3.979	-0.0426
13.530	0.34	-0.0012	0.897	0.0157	1.595	0.0157	1.595	0.0157	1.595	0.0157	2.041	0.0243	2.885	0.0363	3.079	0.0314	4.963	0.0205	3.979	-0.0426
13.531	0.551	0.0109	0.716	-0.0072	1.256	0.0148	2.034	0.0345	2.034	0.0241	3.145	-0.0302	4.027	0.0347	4.943	0.0303	4.963	0.0289	4.963	0.0303
13.532	0.443	0.0094	0.707	-0.0075	1.255	0.0148	2.034	0.0345	2.034	0.0241	3.145	-0.0302	4.027	0.0347	4.943	0.0303	4.963	0.0289	4.963	0.0303
13.534	0.514	0.0103	0.675	0.0175	1.653	0.0237	2.062	-0.0196	2.471	0.0417	2.278	0.01	2.682	-0.0332	3.318	-0.0392	4.963	0		

13.687	0.367	-0.0042	1.029	-0.009	1.597	-0.0154	1.474	-0.0004	2.668	-0.0244	3.736	-0.0004	4.243	-0.0481	3.959	-0.0032	4.093	-0.0465	4.963	-0.0789
13.689	0.357	-0.0046	0.825	-0.009	1.427	-0.0157	1.659	-0.023	2.401	-0.0205	3.514	-0.0274	4.421	-0.0037	4.521	-0.0056	3.422	-0.0178	4.963	-0.0375
13.690	0.439	-0.0042	1.029	-0.001	1.530	-0.0145	1.589	-0.0139	2.150	-0.0241	3.191	-0.0203	4.103	-0.0028	4.544	-0.0117	3.545	-0.0042	4.963	-0.0302
13.691	0.546	-0.0112	0.677	-0.0021	1.147	-0.0081	2.338	-0.0111	1.904	-0.0196	2.854	-0.0032	3.714	-0.0059	4.699	-0.0158	4.079	-0.0092	4.963	-0.0501
13.692	0.614	-0.0043	0.724	-0.0085	1.168	-0.0073	2.476	-0.0055	1.824	-0.0003	2.535	-0.0206	3.329	-0.0059	4.259	-0.0047	4.827	-0.0047	4.963	-0.0501
13.693	0.578	-0.0048	0.671	-0.016	1.349	-0.0115	1.616	-0.0115	2.315	-0.0184	2.002	-0.0205	2.276	-0.0020	2.957	-0.0051	4.426	-0.0054	4.426	-0.0504
13.694	0.522	-0.0045	1.029	-0.0151	1.533	-0.0051	1.593	-0.0051	2.096	-0.0196	2.377	-0.0036	2.247	-0.0054	2.681	-0.0141	4.053	-0.0051	3.545	-0.0044
13.695	0.472	-0.0042	1.182	-0.0076	1.891	-0.0206	1.88	-0.0196	2.818	-0.0411	2.522	-0.0039	2.71	-0.0127	3.057	-0.0278	4.047	-0.0047	3.779	-0.0033
13.696	0.422	-0.0042	1.127	-0.0078	1.927	-0.0036	1.668	-0.0193	2.039	-0.0231	3.003	-0.0049	3.096	-0.0058	4.048	-0.0045	4.659	-0.0045	4.093	-0.0426
13.697	0.373	-0.0038	1.029	-0.0029	1.76	-0.0143	1.402	-0.0139	2.587	-0.0238	3.517	-0.0049	3.549	-0.0042	4.117	-0.0117	4.043	-0.0042	4.793	-0.0374
13.698	0.341	-0.0018	0.918	-0.009	1.59	-0.0154	1.465	-0.0037	2.678	-0.0244	3.744	-0.0103	4.237	-0.0047	3.946	-0.0209	4.963	-0.0367	4.963	-0.0381
13.699	0.357	-0.004	0.82	-0.009	1.421	-0.0154	1.648	-0.0227	2.407	-0.0244	3.525	-0.0274	4.421	-0.004	4.814	-0.0067	4.067	-0.0181	4.963	-0.0363
13.700	0.441	-0.0048	0.729	-0.0061	1.36	-0.0145	1.971	-0.0139	2.142	-0.0244	3.195	-0.0203	4.114	-0.0179	3.446	-0.0109	4.963	-0.0302	4.963	-0.0363
13.701	0.537	-0.0109	0.675	-0.0021	1.143	-0.0081	2.331	-0.0151	1.908	-0.0199	2.898	-0.0032	3.72	-0.0065	4.712	-0.0205	4.045	-0.0062	4.963	-0.0364
13.702	0.606	-0.0043	0.726	-0.0085	1.167	-0.0073	2.481	-0.0064	1.824	-0.0009	2.547	-0.0209	3.333	-0.0052	4.272	-0.0044	4.873	-0.0074	4.963	-0.0507
13.703	0.57	-0.0036	0.873	-0.0167	1.351	-0.0218	2.32	-0.0184	1.966	-0.0233	2.286	-0.0202	2.963	-0.0105	3.857	-0.0407	4.963	-0.0332	4.444	-0.0507
13.704	0.519	-0.0045	1.029	-0.0088	1.595	-0.0188	1.338	-0.0203	2.389	-0.0203	2.529	-0.0203	2.632	-0.0196	3.471	-0.0309	4.963	-0.0342	3.598	-0.0344
13.705	0.468	-0.0042	1.191	-0.0079	1.996	-0.0209	1.885	-0.0199	2.812	-0.042	2.527	-0.0033	3.71	-0.0124	4.054	-0.0284	4.963	-0.0441	3.796	-0.0308
13.706	0.415	-0.0042	1.137	-0.0075	1.933	-0.0033	1.873	-0.0193	2.043	-0.0206	3.006	-0.0049	3.078	-0.0049	4.671	-0.0045	4.106	-0.0243	4.963	-0.0343
13.707	0.489	-0.0042	1.029	-0.0025	1.523	-0.0031	1.769	-0.0203	2.341	-0.0205	3.005	-0.0052	3.517	-0.0049	4.234	-0.0042	4.793	-0.0374	4.963	-0.0364
13.708	0.336	-0.0015	0.928	-0.009	1.597	-0.0154	1.471	-0.0037	2.684	-0.0244	3.746	-0.0106	4.234	-0.0043	3.717	-0.0278	4.963	-0.0375	4.963	-0.0375
13.709	0.357	-0.0046	0.828	-0.0093	1.427	-0.0154	1.853	-0.0227	2.415	-0.0205	3.529	-0.0274	4.428	-0.0049	4.608	-0.0111	3.425	-0.0269	4.963	-0.0369
13.710	0.434	-0.0044	0.733	-0.0081	1.266	-0.0145	1.976	-0.0239	2.349	-0.0244	3.196	-0.0205	4.122	-0.0055	4.962	-0.0325	4.963	-0.0302	4.963	-0.0302
13.711	0.544	-0.0042	1.029	-0.0024	1.445	-0.0093	1.594	-0.0154	2.392	-0.0203	3.729	-0.0055	4.272	-0.0045	4.963	-0.0302	4.963	-0.0304	4.963	-0.0304
13.712	0.616	-0.0046	0.724	-0.0079	1.166	-0.0166	2.483	-0.0064	1.829	-0.0212	2.25	-0.0206	3.341	-0.0065	4.284	-0.0401	4.963	-0.0351	4.434	-0.0507
13.713	0.582	-0.0036	0.868	-0.018	1.347	-0.0215	1.944	-0.0218	2.325	-0.0215	2.867	-0.0205	3.421	-0.0247	4.287	-0.0401	4.963	-0.0351	4.434	-0.0507
13.714	0.529	-0.0042	1.029	-0.0085	1.527	-0.0165	1.521	-0.0203	2.373	-0.0203	2.255	-0.0203	3.291	-0.0203	4.291	-0.0303	4.963	-0.0303	4.344	-0.0344
13.715	0.475	-0.0042	1.18	-0.0079	1.692	-0.0212	1.89	-0.0196	2.807	-0.0414	2.519	-0.0327	3.715	-0.029	4.673	-0.0308	4.963	-0.0308	4.105	-0.0423
13.716	0.425	-0.0042	1.127	-0.0075	1.933	-0.0033	1.777	-0.0154	2.315	-0.0205	3.072	-0.0075	3.063	-0.0049	4.049	-0.0046	4.029	-0.0243	4.963	-0.0343
13.717	0.341	-0.0018	0.92	-0.009	1.595	-0.0154	1.498	-0.0031	2.676	-0.0241	3.739	-0.0106	4.225	-0.0065	4.963	-0.0368	4.963	-0.0378	4.963	-0.0378
13.718	0.358	-0.0037	0.82	-0.0081	1.425	-0.0154	1.645	-0.0224	2.419	-0.0205	3.521	-0.0274	4.428	-0.0049	4.608	-0.0111	3.417	-0.0261	4.963	-0.0375
13.719	0.431	-0.0051	0.727	-0.0081	1.265	-0.0145	1.973	-0.0239	2.347	-0.0244	3.524	-0.0274	4.416	-0.0049	4.596	-0.0188	4.963	-0.0363	4.963	-0.0363
13.720	0.537	-0.0042	1.029	-0.0021	1.547	-0.0154	1.973	-0.0239	2.347	-0.0244	3.513	-0.0274	4.412	-0.0049	4.594	-0.0				

13.873	0.408	0.0058	0.701	0.0058	1.162	0.0064	2.476	0.0109	1.821	-0.0057	2.581	-0.0209	3.308	0.0359	4.360	0.0401	4.645	0.0731	4.936	-0.051
13.873	0.582	-0.0036	0.831	0.0148	1.335	0.0209	2.356	-0.0172	1.94	0.0198	2.303	-0.0229	3.022	0.0256	3.93	-0.041	4.963	0.062	4.41	-0.057
13.874	0.53	-0.0039	1.016	0.0191	1.616	0.0281	2.136	-0.0196	1.959	0.0369	2.235	0.0015	2.713	-0.0241	3.509	-0.0401	4.963	0.0604	3.908	-0.051
13.875	0.471	-0.0035	1.17	0.0115	1.53	0.0221	2.096	-0.0196	2.721	0.0145	2.465	0.0203	2.875	0.0264	3.102	-0.032	4.963	0.0529	3.765	-0.051
13.876	0.425	-0.0042	1.151	-0.0063	1.932	0.0204	1.706	0.0193	3.049	0.0223	2.925	0.0484	2.99	0.0387	2.98	0.022	4.771	-0.0441	4.111	-0.0441
13.877	0.378	-0.0042	1.047	-0.009	1.769	0.0145	1.516	-0.0157	3.012	-0.0159	3.451	0.0487	3.546	0.0574	3.222	0.0333	4.283	0.0462	4.819	0.0747
13.879	0.341	-0.0021	0.946	-0.009	1.6	0.0154	1.456	-0.0157	0	0.0154	2.745	-0.0241	3.017	0.017	3.772	0.0558	3.005	0.0456	4.963	0.0529
13.879	0.349	-0.0021	1.021	0.004	1.423	0.0154	1.603	-0.0157	3.037	0.0244	3.573	0.0208	4.459	0.0558	4.452	0.0462	4.963	0.0529	4.453	-0.051
13.879	0.347	0.0085	1.047	-0.008	1.268	0.0148	1.914	0.0327	2.203	-0.0247	3.241	-0.0299	4.181	0.0368	3.471	0.0139	4.963	0.0523	4.032	-0.051
13.881	0.447	0.0085	1.047	-0.008	1.268	0.0148	1.914	0.0327	2.203	-0.0247	3.241	-0.0299	4.181	0.0368	3.471	0.0139	4.963	0.0523	4.032	-0.051
13.881	0.52	0.0109	1.049	0.008	1.14	0.0244	1.821	0.0339	1.954	-0.022	2.91	-0.0308	3.792	0.0359	3.93	0.025	3.914	0.0529	4.963	0.0511
13.882	0.5	0.0109	0.705	0.0201	1.14	0.0244	1.821	0.0339	1.954	-0.022	2.91	-0.0308	3.792	0.0359	3.93	0.025	3.914	0.0529	4.963	0.0511
13.883	0.673	-0.0036	0.834	0.0148	1.336	0.0212	2.361	-0.0172	1.937	0.0192	2.313	-0.0229	3.029	0.0353	3.941	-0.0407	4.963	0.0529	4.427	-0.051
13.884	0.523	-0.0042	1.021	0.0191	1.62	0.0234	2.14	-0.0196	2.273	0.0366	2.241	0.0015	2.715	-0.0244	3.516	-0.0404	4.963	0.0513	3.904	-0.051
13.885	0.448	-0.0035	1.17	0.0115	1.86	0.0217	1.946	0.0196	2.715	0.0485	2.47	0.0203	2.875	0.0264	3.102	0.0325	4.963	0.0529	3.765	-0.051
13.886	0.419	-0.0039	1.161	-0.006	1.94	0.018	1.719	0.0196	3.035	0.0229	2.928	0.0484	2.98	0.0381	3.216	-0.0408	4.761	0.0527	4.127	-0.0438
13.887	0.371	-0.0042	1.056	-0.009	1.777	0.0145	1.521	-0.0157	3.021	-0.0193	3.451	0.0484	3.54	0.0577	3.216	0.0333	4.291	-0.0462	4.829	0.0743
13.888	0.336	-0.0018	0.953	-0.009	1.608	0.0157	1.462	-0.0003	2.745	-0.0241	3.759	0.017	3.546	0.0544	3.772	0.0595	3.818	0.0453	4.963	0.0529
13.889	0.349	-0.0021	0.934	0.003	1.436	0.0157	1.593	0.0196	2.473	0.0237	3.573	0.0208	4.428	0.0558	4.455	0.0462	4.963	0.0529	4.453	-0.051
13.890	0.42	0.0088	0.753	-0.0084	1.276	0.0148	1.919	0.0323	2.21	-0.0241	3.242	-0.0299	4.197	0.0323	3.471	0.0133	4.963	0.0523	4.032	-0.051
13.891	0.527	0.0112	0.683	-0.0045	1.15	0.0289	2.276	0.0339	1.96	-0.022	2.913	0.0322	3.803	0.0356	4.83	0.0241	4.963	0.0523	4.032	-0.051
13.892	0.411	0.0111	0.704	0.0051	1.50	0.0244	1.821	0.0339	1.954	-0.022	2.91	-0.0308	3.792	0.0359	3.93	0.025	3.914	0.0529	4.963	0.0511
13.893	0.584	-0.0038	0.827	0.0145	1.332	0.0209	2.363	-0.0169	1.939	0.0179	2.315	-0.0225	3.039	0.0353	3.93	-0.0407	4.963	0.0529	4.415	-0.051
13.894	0.533	-0.0045	1.013	0.0188	1.614	0.0234	2.143	-0.0196	2.275	0.0363	2.239	0.0012	2.724	-0.0247	3.521	0.0115	3.942	0.0523	4.032	-0.051
13.895	0.441	-0.0042	1.166	0.0115	1.861	0.0224	2.024	0.0199	2.712	0.0409	2.465	0.0203	2.868	0.0256	3.152	0.0356	4.963	0.0529	3.791	-0.051
13.896	0.429	-0.0042	1.024	0.0191	1.53	0.009	1.938	0.0196	2.273	0.0366	2.241	0.0015	2.715	-0.0244	3.516	0.0103	3.943	0.0523	4.032	-0.051
13.897	0.38	-0.0039	1.047	-0.009	1.775	0.0145	1.521	-0.0157	3.012	0.0345	3.445	0.0484	3.537	0.0327	3.216	0.0465	4.824	0.0743	4.963	0.0529
13.898	0.342	-0.0024	0.946	-0.009	1.606	0.0157	1.456	0.0003	2.75	0.0225	3.735	0.0173	4.123	0.0563	3.746	0.0385	3.831	0.0523	4.963	0.0529
13.899	0.355	0.0071	1.031	0.004	1.54	0.0209	1.524	0.0196	2.273	0.0365	2.243	0.0027	2.867	0.0257	3.157	0.0345	4.824	0.0743	4.963	0.0529
13.900	0.417	0.0085	0.747	-0.0087	1.273	0.0148	1.911	0.0323	2.204	-0.0244	3.239	-0.0302	4.001	0.0234	3.477	0.0318	4.963	0.0523	4.032	-0.051
13.901	0.52	0.0109	0.677	-0.0042	1.276	0.0145	1.915	0.0323	2.201	-0.0223	3.238	-0.0306	4.006	0.0235	3.489	0.0318	4.963	0.0523	4.032	-0.051
13.902	0.573	-0.0033	0.828	0.0151	1.337	0.0212	2.363	-0.0172	1.926	0.0173	2.311	-0.0228	3.029	0.0404	3.942	0.0161	4.963	0.0523	4.413	-0.051
13.903	0.521	-0.0042	1.017	0.0191	1.619	0.0231	2.142	-0.0196	2.259	0.0366	2.236	0.0021	2.713	-0.0245	3.521	-0.0404	4.963	0.0523	3.943	-0.051
13.905																				

14.07	0.385	-0.0042	1.07	-0.0087	1.781	-0.0145	1.544	-0.0175	3.056	-0.0051	3.383	-0.0056	3.421	-0.0563	3.124	-0.0345	4.393	-0.0482	4.846	-0.0752
14.08	0.344	-0.0027	0.97	-0.009	1.608	-0.0157	1.452	-0.0033	2.8	-0.0288	3.724	-0.0277	4.028	-0.0557	3.619	-0.0555	3.915	-0.0456	4.963	-0.0789
14.09	0.345	-0.0024	0.865	-0.009	1.439	-0.0151	1.561	-0.019	2.527	-0.0247	3.624	-0.022	4.403	-0.0223	3.023	-0.0665	3.508	-0.0332	4.963	-0.0339
14.10	0.424	-0.0026	0.707	-0.004	1.277	-0.0151	1.643	-0.0171	2.526	-0.0247	3.239	-0.0208	4.256	-0.0446	3.446	-0.0242	3.420	-0.0207	4.963	-0.0244
14.01	0.506	0.0109	0.688	-0.006	1.151	-0.009	2.219	-0.0348	2.003	-0.0238	2.961	-0.0302	3.861	-0.0556	4.007	-0.0105	3.775	-0.0461	4.963	-0.0504
14.02	0.594	0.0087	0.688	-0.0037	1.155	-0.0056	2.461	-0.0173	1.832	-0.0111	2.635	-0.0299	3.475	-0.0359	4.457	-0.0389	4.451	-0.0501	4.963	-0.0407
14.03	0.585	-0.0033	0.797	-0.013	1.324	-0.0046	1.883	-0.0127	2.447	-0.0148	2.349	-0.0127	3.497	-0.0255	4.007	-0.0407	4.963	-0.0406	4.963	-0.0507
14.04	0.543	-0.0042	0.728	-0.016	1.602	-0.0173	1.793	-0.0193	2.185	-0.0106	2.238	-0.0204	3.709	-0.0354	3.824	-0.0404	4.963	-0.0405	4.963	-0.0504
14.05	0.478	-0.0042	1.151	-0.018	1.675	-0.0233	1.961	-0.0199	2.612	-0.0405	2.423	-0.028	2.651	-0.0309	3.009	-0.0377	3.218	-0.0386	3.802	-0.0006
14.06	0.426	-0.0042	1.82	-0.018	1.943	-0.0049	1.748	-0.0193	2.5	-0.0305	2.857	-0.0466	3.446	-0.0327	2.983	-0.0113	4.046	-0.0459	4.446	-0.0496
14.07	0.379	-0.0039	1.281	-0.009	1.788	-0.0149	1.545	-0.0173	3.051	-0.0245	3.323	-0.0203	3.417	-0.0212	3.023	-0.0243	4.403	-0.0448	4.446	-0.0501
14.08	0.339	-0.0024	0.978	-0.009	1.615	-0.0157	1.456	-0.0038	2.808	-0.0238	3.724	-0.0224	4.405	-0.0577	3.613	-0.0547	3.924	-0.0466	4.963	-0.0783
14.09	0.349	-0.0024	0.874	-0.009	1.445	-0.0154	1.566	-0.019	2.533	-0.0244	3.625	-0.0217	4.405	-0.0239	3.625	-0.0665	3.514	-0.0338	4.963	-0.0332
14.10	0.446	-0.0035	0.776	-0.004	1.452	-0.0171	1.883	-0.0171	2.347	-0.0244	3.622	-0.0203	4.404	-0.0276	3.776	-0.0448	3.420	-0.0308	4.963	-0.0348
14.01	0.513	0.0112	0.694	-0.004	1.165	-0.0093	2.216	-0.0235	2.009	-0.0302	3.469	-0.0365	3.483	-0.0365	4.446	-0.0365	4.446	-0.0507	4.963	-0.0501
14.02	0.602	0.0076	0.889	-0.0031	1.155	-0.0049	2.496	-0.0173	1.839	-0.0111	2.638	-0.0302	3.481	-0.0365	4.408	-0.0365	4.446	-0.0501	4.963	-0.0501
14.03	0.593	-0.0033	0.791	-0.0127	1.319	-0.0203	2.407	-0.0148	1.902	-0.0124	2.348	-0.0253	3.103	-0.0353	4.065	-0.0407	4.963	-0.0501	4.963	-0.0507
14.04	0.539	-0.0024	0.969	-0.0165	1.598	-0.0193	1.693	-0.0193	2.347	-0.0237	2.233	-0.0303	3.704	-0.0351	4.274	-0.0407	4.963	-0.0501	4.963	-0.0506
14.05	0.489	-0.0045	1.141	-0.0145	1.045	-0.0145	1.988	-0.0199	2.61	-0.0409	2.418	-0.0237	2.655	-0.0102	3.228	-0.0374	3.977	-0.0383	4.963	-0.0501
14.06	0.436	-0.0042	1.174	-0.018	1.753	-0.0043	1.753	-0.0193	2.612	-0.0245	2.423	-0.0203	2.695	-0.0305	3.008	-0.0371	3.218	-0.0386	4.963	-0.0006
14.07	0.345	-0.0022	0.866	-0.009	1.444	-0.0151	1.563	-0.019	2.525	-0.0247	3.625	-0.0214	4.394	-0.0239	4.278	-0.0659	3.529	-0.0338	4.963	-0.0332
14.08	0.404	-0.0029	0.768	-0.0048	1.297	-0.0148	1.844	-0.019	2.61	-0.0244	3.008	-0.0244	4.405	-0.0272	4.833	-0.0435	3.433	-0.0332	4.963	-0.0332
14.09	0.353	-0.0023	0.898	-0.0027	1.153	-0.009	2.293	-0.0245	2.003	-0.0208	3.465	-0.0305	3.493	-0.0305	4.394	-0.0305	3.774	-0.0348	4.963	-0.0501
14.10	0.594	0.0073	0.688	-0.0034	1.157	-0.0052	2.459	-0.0173	1.827	-0.0114	2.37	-0.0302	3.475	-0.0359	4.488	-0.0395	4.438	-0.0501	4.963	-0.0501
14.01	0.581	-0.0033	0.791	-0.0133	1.325	-0.0206	2.411	-0.0139	1.978	-0.0124	2.346	-0.0256	3.096	-0.0356	4.052	-0.0407	4.963	-0.0406	4.963	-0.0504
14.02	0.539	-0.0029	0.751	-0.0165	1.201	-0.0193	1.793	-0.0193	2.347	-0.0236	2.233	-0.0303	3.707	-0.0357	4.394	-0.0305	3.707	-0.0308	4.963	-0.0508
14.03	0.593	-0.0042	1.146	-0.0154	1.045	-0.0154	1.749	-0.0199	2.596	-0.0403	2.409	-0.0254	2.654	-0.0208	3.236	-0.0337	3.975	-0.0383	4.963	-0.0501
14.04	0.485	-0.0042	1.178	-0.012	1.838	-0.0196	1.78	-0.0196	2.61	-0.0299	3.494	-0.0224	4.418	-0.0395	4.418	-0.0501	4.963	-0.0501	4.963	-0.0501
14.05	0.405	-0.0022	0.866	-0.009	1.563	-0.0157	1.456	-0.0157	2.531	-0.0247	3.056	-0.0299	4.427	-0.0272	4.833	-0.0435	3.411	-0.0332	4.963	-0.0332
14.06	0.404	-0.0029	0.778	-0.007	1.279	-0.0148	1.844	-0.019	2.527	-0.0247	3.056	-0.0299	4.427	-0.0272	4.833	-0.0435	3.411	-0.0332	4.963	-0.0332
14.07	0.345	-0.0022	0.866	-0.009	1.444	-0.0151	1.563	-0.019	2.525	-0.0247	3.625	-0.0214	4.394	-0.0239	4.278	-0.0659	3.529	-0.0338	4.963	-0.0332
14.08	0.404	-0.0029	0.767	-0.007	1.279	-0.0148	1.844	-0.019	2.527	-0.0247	3.056	-0.0299	4.427	-0.0272	4.833	-0.0435	3.411	-0.0332	4.963	-0.0332
14.09	0.345	-0.0022	0.866	-0.009	1.444	-0.0151	1.563	-0.019	2.525	-0.0247	3.056	-0.0299	4.427	-0.0272	4.833	-0.0435	3.411	-0.0332	4.963	-0.0332

14.243	0.687	0.0086	0.679	0.0009	1.15	0.0049	2.436	0.0231	1.852	0.0161	2.683	-0.0302	3.548	0.0362	4.595	0.0383	4.279	0.0065	4.914	-0.051
14.243	0.588	-0.0027	0.762	0.0112	1.009	0.0281	2.221	-0.0193	2.1	0.0073	2.383	-0.0266	3.17	0.0356	4.156	-0.0404	4.963	0.0371	4.367	-0.0064
14.244	0.537	-0.0042	0.93	0.0182	1.585	0.0281	2.031	0.0200	2.51	0.0243	2.233	-0.0059	2.814	-0.0407	4.963	0.0275	3.925	0.0001	4.386	-0.0386
14.244	0.495	-0.0022	1.116	0.0117	1.561	0.0281	2.030	0.0200	2.51	0.0243	2.270	-0.0059	2.849	-0.0407	4.963	0.0241	3.944	0.0035	4.386	-0.0395
14.245	0.434	-0.0042	1.193	0.0027	1.946	0.0102	1.788	0.0196	2.529	0.0083	2.783	0.0441	3.011	0.0269	3.111	0.0211	4.963	0.0463	4.163	0.0466
14.245	0.385	-0.0039	1.106	-0.0084	1.795	0.0145	1.585	-0.0181	3.078	0.0048	3.311	0.0514	3.307	0.0523	3.049	0.0145	4.515	0.0465	4.885	0.0796
14.246	0.342	-0.003	1.001	-0.009	1.624	0.0145	1.459	-0.0069	2.860	0.0261	3.071	0.0281	3.071	0.0262	3.049	0.0566	4.607	0.0459	4.963	0.0771
14.246	0.339	-0.0013	1.019	0.0003	1.453	0.0157	1.530	0.0237	2.589	0.0247	3.069	0.0151	3.071	0.0237	3.144	0.0203	3.503	0.0002	4.493	0.0398
14.247	0.304	0.0073	0.801	-0.0087	1.291	0.0148	1.788	0.0287	2.322	0.0244	3.339	-0.0299	4.336	0.0178	4.742	0.0538	3.403	0.0068	4.963	0.0483
14.247	0.294	0.0049	0.709	0.0123	1.245	0.0102	1.503	0.0240	2.430	0.0241	3.008	-0.0292	3.948	0.0169	4.595	0.0267	4.963	0.0463	4.367	-0.0051
14.247	0.254	0.0005	0.681	0.0203	1.15	0.0049	1.851	0.0221	1.851	0.0244	2.584	-0.0202	3.158	0.0165	4.271	0.0269	4.405	0.0318	4.367	-0.0051
14.247	0.6	-0.0021	0.757	0.0106	1.307	0.0194	2.442	-0.0084	1.855	0.0207	2.383	-0.0269	3.177	0.0356	4.172	-0.0407	4.963	0.0374	4.378	-0.0054
14.247	0.547	-0.0045	0.921	0.0179	1.585	0.0278	2.222	-0.0193	2.087	0.0298	2.219	0.0214	3.727	0.0314	4.963	0.0275	3.925	0.0001	4.386	-0.0386
14.247	0.485	-0.0042	1.112	0.0175	1.659	0.0239	2.000	0.0239	2.466	0.0243	2.368	0.0218	3.727	0.0314	4.963	0.0275	3.793	0.0016	4.386	-0.0386
14.247	0.443	-0.0042	1.042	0.0153	1.544	0.0231	1.944	0.0231	2.176	0.0246	2.236	0.0206	3.727	0.0314	4.963	0.0243	4.386	0.0342	4.386	-0.0386
14.247	0.394	-0.0042	1.108	-0.0081	1.793	0.0145	1.586	-0.0184	3.078	0.0502	3.299	0.0511	3.011	0.0522	2.823	0.0465	4.879	0.0756	4.963	0.0466
14.247	0.365	-0.0042	1.068	0.0081	1.622	0.0154	1.459	0.0202	1.792	0.0199	2.927	0.0363	2.774	0.0441	3.021	0.0214	4.963	0.0463	4.463	0.0466
14.247	0.339	-0.0039	1.094	-0.0087	1.793	0.0145	1.586	-0.0184	3.078	0.0502	3.299	0.0511	3.011	0.0522	2.823	0.0465	4.879	0.0756	4.963	0.0466
14.247	0.303	-0.0033	1.063	0.0003	1.453	0.0202	1.521	0.0231	2.589	0.0245	3.069	0.0284	3.095	0.0362	3.466	0.0484	4.963	0.0771	4.463	0.0771
14.247	0.292	-0.0033	1.051	0.0003	1.453	0.0202	1.521	0.0231	2.589	0.0245	3.069	0.0284	3.095	0.0362	3.466	0.0484	4.963	0.0771	4.463	0.0771
14.247	0.262	-0.0028	1.072	0.0003	1.509	0.0194	1.584	0.0231	2.443	0.0241	3.069	0.0284	3.095	0.0362	3.466	0.0484	4.963	0.0771	4.463	0.0771
14.247	0.245	-0.0024	0.976	0.0112	1.312	0.0197	2.436	-0.0078	1.841	0.0204	2.382	-0.0272	3.186	0.0356	4.172	-0.0407	4.963	0.0371	4.373	-0.0054
14.247	0.236	-0.0024	0.923	0.0179	1.585	0.0278	2.222	-0.0193	2.087	0.0298	2.219	-0.0269	3.177	0.0356	4.172	0.0374	3.914	0.0068	4.386	-0.0386
14.247	0.205	-0.0024	1.112	0.0175	1.659	0.0239	2.000	0.0239	2.466	0.0243	2.368	0.0218	3.727	0.0314	4.963	0.0275	3.793	0.0016	4.386	-0.0386
14.247	0.194	-0.0024	1.042	0.0153	1.544	0.0231	1.944	0.0231	2.176	0.0246	2.236	0.0206	3.727	0.0314	4.963	0.0275	3.793	0.0016	4.386	-0.0386
14.247	0.174	-0.0024	1.052	0.0153	1.544	0.0231	1.944	0.0231	2.176	0.0246	2.236	0.0206	3.727	0.0314	4.963	0.0275	3.793	0.0016	4.386	-0.0386
14.247	0.154	-0.0024	1.072	0.0153	1.544	0.0231	1.944	0.0231	2.176	0.0246	2.236	0.0206	3.727	0.0314	4.963	0.0275	3.793	0.0016	4.386	-0.0386
14.247	0.143	-0.0024	1.082	0.0153	1.544	0.0231	1.944	0.0231	2.176	0.0246	2.236	0.0206	3.727	0.0314	4.963	0.0275	3.793	0.0016	4.386	-0.0386
14.247	0.132	-0.0024	1.092	0.0153	1.544	0.0231	1.944	0.0231	2.176	0.0246	2.236	0.0206	3.727	0.0314	4.963	0.0275	3.793	0.0016	4.386	-0.0386
14.247	0.121	-0.0024	1.102	0.0153	1.544	0.0231	1.944	0.0231	2.176	0.0246	2.236	0.0206	3.727	0.0314	4.963	0.0275	3.793	0.0016	4.386	-0.0386
14.247	0.111	-0.0024	1.112	0.0153	1.544	0.0231	1.944	0.0231	2.176	0.0246	2.236	0.0206	3.727	0.0314	4.963	0.0275	3.793	0.0016	4.386	-0.0386
14.247	0.101	-0.0024	1.122	0.0153	1.544	0.0231	1.944	0.0231	2.176	0.0246	2.236	0.0206	3.727	0.0314	4.963	0.0275	3.793	0.0016	4.386	-0.0386
14.247	0.091	-0.0024	1.132	0.0153	1.544	0.0231	1.944	0.0231	2.176	0.0246	2.236	0.0206	3.727	0.0314</td						

14.437	0.391	-0.0045	1.129	-0.0081	1.805	-0.0145	1.621	-0.019	3.081	-0.0124	3.234	-0.0114	3.205	-0.049	3	0.0052	4.637	-0.0482	4.913	0.0759
14.428	0.347	-0.0033	1.025	-0.0087	1.635	-0.0151	1.498	-0.0088	2.651	-0.0144	3.668	-0.0136	3.808	-0.0602	3.333	0.0411	4.143	-0.0462	4.963	0.0765
14.429	0.335	-0.0039	0.921	-0.0093	1.463	-0.0151	1.303	-0.0103	1.730	-0.0126	2.384	-0.0124	3.307	-0.0103	4.324	-0.0365	3.883	-0.0429	4.963	0.0764
14.432	0.334	-0.0037	1.021	-0.0087	1.621	-0.0151	1.463	-0.0103	2.077	-0.0151	2.12	-0.0124	3.055	-0.0105	4.022	-0.0347	4.949	-0.0188	3.558	-0.0567
14.431	0.479	0.0103	0.727	-0.0081	1.163	-0.0105	1.205	-0.0151	2.035	-0.0151	2.12	-0.0124	3.055	-0.0105	4.022	-0.0347	4.949	-0.0188	3.558	-0.0567
14.432	0.583	-0.0097	0.678	-0.0021	1.149	-0.0034	2.402	-0.0269	1.893	-0.0184	2.73	-0.0102	3.634	-0.0365	4.717	-0.035	4.106	-0.0607	4.963	-0.0561
14.433	0.466	-0.0049	0.729	-0.0085	1.206	-0.0101	1.206	-0.0101	2.467	-0.0124	2.421	-0.0115	3.248	-0.0254	3.248	-0.0195	4.858	-0.0259	4.359	-0.0567
14.434	0.555	-0.0042	0.878	-0.0143	1.563	-0.0178	1.563	-0.0178	2.386	-0.0151	2.386	-0.0124	3.238	-0.0194	3.238	-0.0124	4.963	-0.0151	3.843	-0.0561
14.435	0.502	-0.0045	1.065	-0.0182	1.846	-0.0248	2.047	-0.0199	2.415	-0.0199	2.311	-0.0175	3.231	-0.0175	2.962	-0.0113	4.963	-0.0401	3.803	-0.031
14.436	0.45	-0.0042	1.122	-0.0081	1.523	-0.0151	1.523	-0.0151	2.832	-0.0124	2.832	-0.0124	3.224	-0.0124	3.224	-0.0124	4.963	-0.0401	4.178	-0.0484
14.437	0.399	-0.0033	1.123	-0.0081	1.623	-0.0151	1.523	-0.0151	2.379	-0.0124	2.918	-0.0124	3.659	-0.0139	3.334	-0.0408	4.158	-0.0462	4.963	0.0763
14.438	0.398	-0.0033	1.017	-0.0087	1.632	-0.0151	1.47	-0.0102	2.918	-0.0124	3.659	-0.0139	3.805	-0.0599	3.334	-0.0408	4.158	-0.0462	4.963	0.0764
14.439	0.34	-0.0033	0.912	-0.0087	1.462	-0.0154	1.404	-0.0085	2.643	-0.0124	3.699	-0.0139	4.311	-0.0247	3.935	-0.0626	3.695	-0.0432	4.963	0.0763
14.440	0.481	-0.0034	0.815	-0.0037	1.209	-0.0148	1.209	-0.0148	2.372	-0.0124	3.237	-0.0124	3.302	-0.0124	4.276	-0.0176	4.963	-0.0401	4.171	-0.0487
14.441	0.472	0.0103	0.72	-0.0081	1.163	-0.0105	2.088	-0.0181	2.118	-0.0244	3.051	-0.0305	4.007	-0.0347	4.934	-0.0182	3.562	-0.0567	4.963	0.0504
14.442	0.575	0.0097	0.672	-0.0015	1.15	-0.0037	2.394	-0.0269	1.885	-0.0187	2.726	-0.0132	3.62	-0.0359	4.703	-0.0335	4.105	-0.0604	4.963	-0.0561
14.443	0.595	-0.0012	0.727	-0.0088	1.149	-0.0104	2.464	-0.0201	1.822	-0.0112	2.421	-0.0284	3.236	-0.0359	4.206	-0.0404	4.85	-0.0374	4.963	-0.0561
14.444	0.549	-0.0024	0.879	-0.0147	1.573	-0.0173	1.573	-0.0173	2.384	-0.0124	2.384	-0.0124	2.333	-0.0124	4.273	-0.0176	4.963	-0.0401	4.171	-0.0487
14.445	0.492	-0.0042	1.069	-0.0188	1.85	-0.0245	2.048	-0.0199	2.401	-0.0402	2.3	-0.0175	3.079	-0.0198	3.413	-0.0401	4.963	-0.0801	3.799	-0.0304
14.446	0.44	-0.0042	1.191	-0.0076	1.948	-0.0124	1.848	-0.0124	2.483	-0.0124	2.753	-0.0124	3.236	-0.0124	4.273	-0.0124	4.963	-0.0304	4.044	-0.0374
14.447	0.441	-0.0042	1.122	-0.0081	1.523	-0.0151	1.523	-0.0151	2.384	-0.0124	2.384	-0.0124	3.217	-0.0124	3.217	-0.0124	4.963	-0.0304	4.044	-0.0374
14.448	0.347	-0.0033	1.029	-0.009	1.632	-0.0154	1.499	-0.0102	2.929	-0.0124	3.659	-0.0139	3.792	-0.0404	3.309	-0.0405	4.144	-0.0459	4.963	0.0762
14.449	0.333	0.0009	0.923	-0.009	1.46	-0.0154	1.493	-0.0085	2.658	-0.0124	3.705	-0.0075	4.312	-0.0408	3.914	-0.0629	3.882	-0.0432	4.963	0.0764
14.450	0.341	-0.0007	0.825	-0.0087	1.207	-0.0154	1.72	-0.0124	2.389	-0.0124	3.688	-0.0124	3.307	-0.0406	4.267	-0.0167	4.303	-0.0466	4.963	0.0765
14.451	0.475	-0.0033	0.729	-0.0151	1.523	-0.0151	1.523	-0.0151	2.375	-0.0124	3.237	-0.0124	3.659	-0.0139	3.541	-0.0501	4.963	-0.0504	4.044	-0.0374
14.452	0.582	-0.0097	0.678	-0.0024	1.144	-0.0104	2.396	-0.0272	1.897	-0.0119	2.732	-0.0132	3.639	-0.0359	4.725	-0.0344	4.079	-0.0604	4.963	-0.0504
14.453	0.606	-0.0006	0.724	-0.0085	1.204	-0.0151	1.499	-0.0101	2.466	-0.0124	2.466	-0.0124	3.254	-0.0282	4.288	-0.0161	4.34	-0.0575	4.963	0.0765
14.454	0.555	-0.0024	0.872	-0.0151	1.523	-0.0151	1.523	-0.0151	2.389	-0.0124	2.389	-0.0124	3.238	-0.0124	3.238	-0.0124	4.963	-0.0501	3.803	-0.0374
14.455	0.503	-0.0042	1.06	-0.0185	1.845	-0.0251	2.052	-0.0196	2.405	-0.0175	2.327	-0.0175	3.075	-0.0199	3.436	-0.0401	4.963	-0.0507	3.801	-0.0374
14.456	0.446	-0.0042	1.187	-0.0076	1.801	-0.0151	1.951	-0.0124	2.384	-0.0124	2.384	-0.0124	3.214	-0.0124	3.214	-0.0124	4.963	-0.0407	4.044	-0.0374
14.457	0.594	-0.0024	1.133	-0.0075	1.807	-0.0151	1.807	-0.0151	2.389	-0.0124	2.389	-0.0124	3.215	-0.0124	3.215	-0.0124	4.963	-0.0501	3.799	-0.0374
14.458	0.356	-0.0036	1.023	-0.009	1.633	-0.0154	1.47	-0.0102	2.384	-0.0124	2.384	-0.0124	3.217	-0.0124	3.217	-0.0124	4.963	-0.0501	3.801	-0.0374
14.459	0.592	-0.0042	1.029	-0.0081	1.646	-0.0154	1.499	-0.0102	2.384	-0.0124	2.384	-0.0124	3.217	-0.0124	3.217	-0.0124</td				

14.613	0.57	0.01	0.681	-0.009	1.144	0.0034	2.354	0.0303	1.936	-0.0311	2.773	-0.0302	3.7	0.0365	4.859	0.0341	3.957	0.0547	4.865	-0.0513
14.613	0.612	0.0012	0.706	0.0058	1.286	0.0151	2.307	0.0186	1.827	-0.0096	2.464	-0.029	3.315	0.0359	4.39	-0.0401	4.684	0.0737	4.338	-0.0511
14.614	0.561	-0.0042	0.836	0.0151	1.55	0.0275	2.307	0.0196	1.969	-0.0206	2.247	-0.0145	2.944	-0.0325	3.953	0.0401	4.963	0.0607	3.892	0.0388
14.615	0.531	-0.0039	1.019	0.0165	1.535	0.0233	2.322	0.0196	2.232	-0.0179	2.299	-0.0130	3.235	-0.0404	3.953	0.0364	4.963	0.0607	3.893	0.0384
14.616	0.456	-0.0045	1.169	0.0112	1.95	0.004	1.873	0.0199	1.952	0.0423	2.638	0.039	2.722	-0.0338	4.963	0.0403	4.195	0.0403	4.963	0.0384
14.617	0.408	-0.0042	1.145	-0.0099	1.812	0.0142	1.862	-0.0193	1.957	0.0197	3.103	0.0514	0.0447	2.868	-0.0048	4.963	0.0405	4.757	0.0768	
14.618	0.361	-0.0039	1.042	-0.0007	1.642	0.0131	2.013	0.0113	1.847	0.0175	3.017	0.0175	3.017	0.0505	3.605	0.0277	3.217	0.0462	4.268	0.0756
14.619	0.339	0.0003	1.037	0.0093	1.471	0.0154	1.471	0.0194	1.704	0.0244	3.724	0.0244	3.724	0.0506	3.765	0.0221	3.098	0.0453	4.963	0.0384
14.620	0.37	0.0058	0.838	-0.0087	1.307	0.0151	1.667	0.0233	2.435	-0.0244	3.432	-0.029	4.405	0.0165	4.442	0.0647	4.963	0.0424	4.963	-0.042
14.621	0.37	0.0057	0.837	-0.0087	1.307	0.0151	1.667	0.0233	2.435	-0.0244	3.432	-0.029	4.405	0.0165	4.442	0.0647	4.963	0.0424	4.963	-0.042
14.622	0.457	0.0047	0.837	0.0114	1.437	0.0163	1.503	0.0203	1.537	0.0214	2.771	-0.0302	3.301	0.0359	4.349	0.0341	4.963	0.0424	4.963	-0.0507
14.623	0.59	0.01	0.737	0.0208	1.147	0.0151	1.555	0.0275	2.304	-0.0187	2.245	-0.0145	2.944	-0.0325	3.953	0.0341	4.963	0.0424	4.963	0.0384
14.623	0.599	0.0098	0.704	0.0091	1.291	0.0195	2.476	0.0043	1.815	-0.0042	2.461	-0.0287	3.305	0.0365	4.378	0.0398	4.964	0.0394	4.338	0.0384
14.624	0.55	0.0042	1.204	0.0191	1.54	0.024	1.54	0.024	1.54	0.024	2.307	0.0276	2.245	-0.0145	2.935	0.0344	4.342	0.0398	4.382	0.0384
14.625	0.51	0.0042	1.176	0.0118	1.549	0.0237	1.87	0.0199	2.748	0.0432	2.635	0.039	2.707	0.0317	3.318	-0.0404	4.963	0.0403	4.963	0.0384
14.626	0.441	-0.0042	1.176	0.0118	1.549	0.0237	1.87	0.0199	2.748	0.0432	2.635	0.039	2.707	0.0317	3.318	-0.0404	4.963	0.0403	4.963	0.0384
14.627	0.397	-0.0045	1.156	-0.0096	1.812	0.0142	1.686	-0.0193	1.957	0.0209	3.148	0.0514	0.0447	2.971	-0.0054	4.743	0.0462	4.977	0.0765	
14.628	0.352	-0.0033	1.053	-0.0087	1.644	0.0154	1.487	-0.0113	1.969	0.0169	2.962	0.0509	3.079	0.0509	3.196	0.0211	4.254	0.0465	4.963	0.0768
14.629	0.323	0.0003	1.053	0.0003	1.59	0.0209	1.47	0.0213	1.609	0.0241	2.732	0.0241	2.732	0.0311	3.247	0.0308	3.784	0.0445	4.963	0.0384
14.630	0.37	0.0081	0.849	-0.009	1.305	0.0151	1.685	0.0233	2.447	-0.0205	3.437	-0.029	4.415	0.0231	4.442	0.0653	4.963	0.0424	4.963	-0.042
14.631	0.459	0.01	0.75	0.0208	1.167	0.0142	1.503	0.0242	1.997	0.0244	3.042	-0.0302	3.103	0.0327	3.472	0.0157	4.963	0.0424	4.963	-0.0507
14.632	0.488	0.0048	0.838	0.0142	1.462	0.0151	1.529	0.0242	1.821	0.0244	2.447	-0.0205	3.437	-0.029	4.415	0.0231	4.442	0.0653	4.963	0.0424
14.632	0.37	0.0058	0.838	-0.0087	1.307	0.0151	1.667	0.0233	2.435	-0.0244	3.432	-0.029	4.405	0.0165	4.442	0.0647	4.963	0.0424	4.963	-0.042
14.632	0.37	0.0057	0.838	-0.0087	1.307	0.0151	1.667	0.0233	2.435	-0.0244	3.432	-0.029	4.405	0.0165	4.442	0.0647	4.963	0.0424	4.963	-0.042
14.633	0.611	0.0012	0.704	0.0091	1.283	0.0162	2.451	0.0049	1.826	-0.0042	2.465	-0.0287	3.324	0.0368	4.349	0.0398	4.686	0.0737	4.341	-0.0507
14.634	0.564	-0.0039	0.831	0.0148	1.545	0.0278	2.311	-0.0184	1.96	0.02	2.247	-0.0148	2.95	0.0365	3.963	0.0347	4.963	0.0424	4.963	-0.0385
14.635	0.51	-0.0045	1.016	0.0191	1.64	0.0254	2.304	0.0196	2.031	0.0276	2.203	0.0133	2.681	0.0344	3.441	-0.019	4.963	0.0404	4.963	0.0384
14.636	0.442	0.0042	1.173	0.0115	1.54	0.024	1.54	0.024	1.54	0.024	2.314	0.0245	2.254	0.0384	3.715	0.0344	4.963	0.0423	4.963	0.0384
14.637	0.408	-0.0045	1.158	-0.0083	1.815	0.0145	1.688	-0.019	2.08	0.0215	3.142	0.0514	0.0444	2.985	0.0365	4.349	0.0398	4.964	0.0385	
14.638	0.363	-0.0036	1.047	-0.008	1.642	0.0154	1.492	-0.0113	2.08	0.0215	3.142	0.0514	0.0444	2.985	0.0365	4.349	0.0398	4.964	0.0385	
14.639	0.328	0.0006	1.047	0.0006	1.59	0.0209	1.47	0.0213	1.609	0.0241	2.314	0.0241	2.314	0.0321	3.247	0.0308	3.808	0.0445	4.963	0.0384
14.640	0.37	0.0058	0.849	-0.009	1.309	0.0154	1.685	0.0233	2.447	-0.0247	3.438	-0.0287	4.412	0.0231	4.442	0.0653	4.963	0.0423	4.963	-0.042
14.641	0.459	0.01	0.751	0.0208	1.172	0.0142	1.51	0.0242	1.997	0.0244	2.447	-0.0247	3.438	-0.0287	4.412	0.0231	4.442	0.0653	4.963	0.0423
14.642	0.488	0.0048	0.8																	

14.797	0.414	-0.0042	1.17	-0.0037	1.821	0.0145	1.701	-0.0193	3.019	0.0269	3.075	0.0568	3.019	0.0393	3.004	0.0138	4.873	0.0482	4.963	0.0774
14.798	0.367	-0.0042	1.068	-0.0084	1.648	-0.0154	1.514	-0.0087	3.034	-0.0241	3.567	0.0423	3.583	0.058	3.125	0.023	4.38	0.0482	4.963	0.0747
14.799	0.338	-0.0012	0.965	-0.009	1.477	0.0157	1.463	0.0006	2.766	0.0241	3.735	0.0406	4.168	0.0538	3.908	0.0456	4.963	0.0748	4.963	0.0748
14.800	0.323	-0.0042	0.965	-0.009	1.214	-0.0117	1.191	0.0126	2.485	-0.0247	3.479	0.0327	4.113	0.0538	3.500	0.0454	4.963	0.0749	4.963	0.0749
14.801	0.442	0.0037	0.764	-0.0037	1.173	-0.0114	1.032	0.0327	2.232	-0.0247	3.145	-0.0302	4.15	0.0329	4.299	0.0435	3.446	0.0462	4.963	0.0567
14.802	0.547	0.0103	0.686	-0.0054	1.144	0.0222	2.291	0.0333	1.977	-0.0229	2.819	-0.0302	3.758	0.0356	4.893	0.0509	3.816	0.0466	4.963	0.0567
14.803	0.600	-0.0027	0.687	-0.0037	1.279	0.0175	1.97	0.01	1.62	0.0003	2.502	-0.0265	3.373	0.0365	4.467	0.0465	4.5	0.0505	4.963	0.0561
14.804	0.559	-0.0042	0.764	0.0138	1.533	0.0273	2.495	0.0175	1.869	0.0148	2.303	-0.0218	3.209	0.0318	4.467	0.0467	4.963	0.0571	4.963	0.0571
14.805	0.507	-0.0042	0.978	0.0185	1.827	0.0267	2.127	-0.0199	2.214	0.0348	2.272	0.0097	2.696	0.0235	3.625	-0.0404	4.963	0.0206	3.804	0.0604
14.806	0.454	-0.0042	1.152	0.0204	1.521	0.0249	1.598	0.0201	2.505	0.0201	3.073	0.0309	3.195	0.0242	4.588	0.0459	4.591	0.0571	4.963	0.0571
14.807	0.404	-0.0039	1.151	0.0204	1.521	0.0249	1.598	0.0201	2.505	0.0201	3.073	0.0309	3.195	0.0242	4.588	0.0459	4.591	0.0571	4.963	0.0571
14.808	0.398	-0.0039	1.079	-0.0084	1.649	-0.0151	1.513	-0.0151	3.044	-0.0081	3.567	0.0432	3.587	0.058	4.163	0.0544	3.889	0.0465	4.963	0.0747
14.809	0.332	-0.0039	1.079	-0.0084	1.649	-0.0151	1.513	-0.0151	3.044	-0.0081	3.567	0.0432	3.587	0.058	4.163	0.0544	3.889	0.0465	4.963	0.0748
14.810	0.361	-0.0039	0.973	-0.0084	1.314	0.0148	1.604	0.0249	2.465	-0.0247	3.479	0.0327	4.113	0.0538	3.500	0.0454	4.963	0.0749	4.963	0.0749
14.811	0.444	0.001	0.774	-0.0084	1.173	0.0117	1.026	0.0327	2.243	-0.0247	3.144	0.0323	4.424	0.0465	3.446	0.0465	4.963	0.0561	4.963	0.0561
14.812	0.553	0.0108	0.694	-0.0086	1.139	0.0222	1.272	0.0175	1.829	0.0093	2.516	-0.0293	3.779	0.0356	4.915	-0.0072	3.793	0.0468	4.849	0.0561
14.813	0.612	0.0034	0.689	0.0031	1.144	0.0222	2.285	0.0339	1.988	-0.0255	2.811	-0.0302	4.172	0.0323	4.502	0.0468	4.963	0.0561	4.963	0.0561
14.814	0.520	-0.0039	0.795	0.0133	1.531	0.0273	1.598	0.0201	2.307	0.0201	3.272	0.0323	4.15	0.042	3.717	0.0305	3.881	0.0461	4.963	0.0561
14.815	0.518	-0.0042	0.978	0.0185	1.826	0.0268	2.137	-0.0196	2.218	0.0345	2.375	0.0091	2.708	0.0238	3.65	0.0467	4.963	0.0224	3.811	0.0601
14.816	0.465	-0.0042	1.149	0.0148	1.954	0.0265	2.476	0.0247	2.647	0.0354	2.574	0.0296	3.392	0.0365	4.477	0.0467	4.963	0.0224	3.805	0.0601
14.817	0.559	-0.0042	0.764	0.0138	1.533	0.0273	1.598	0.0201	2.307	0.0201	3.272	0.0323	4.15	0.042	3.717	0.0305	3.881	0.0461	4.963	0.0561
14.818	0.507	-0.0042	0.978	0.0185	1.827	0.0267	2.127	-0.0199	2.214	0.0348	2.272	0.0097	2.696	0.0235	3.625	-0.0404	4.963	0.0206	3.804	0.0604
14.819	0.339	-0.0012	0.971	-0.009	1.476	0.0157	1.459	0.0003	2.783	-0.0241	3.745	0.0505	4.161	0.0532	3.913	0.0456	4.963	0.0745	4.963	0.0745
14.820	0.404	-0.0049	0.868	-0.009	1.648	0.0151	1.514	0.0203	2.203	0.0247	3.475	0.0323	4.422	0.0512	4.288	0.0462	4.963	0.0742	4.963	0.0742
14.821	0.323	-0.0039	0.795	-0.0084	1.513	0.0151	1.573	0.0223	2.465	0.0202	3.475	0.0323	4.422	0.0512	4.288	0.0462	4.963	0.0743	4.963	0.0743
14.822	0.546	0.0109	0.691	-0.0086	1.141	0.0222	2.285	0.0339	1.988	-0.0255	2.811	-0.0302	3.776	0.0356	4.913	0.0468	3.788	0.0468	4.963	0.0561
14.823	0.477	0.0031	0.688	0.0037	1.276	0.0175	1.829	0.0241	2.481	0.0109	2.516	-0.0293	3.799	0.0356	4.917	0.0468	4.479	0.0561	4.963	0.0561
14.824	0.520	-0.0039	0.795	0.0133	1.531	0.0273	1.598	0.0201	2.307	0.0201	3.272	0.0323	4.15	0.042	3.717	0.0305	3.881	0.0461	4.963	0.0561
14.825	0.51	-0.0042	0.975	0.0185	1.826	0.0268	2.137	-0.0196	2.217	0.0345	2.375	0.0091	2.708	0.0238	3.65	0.0467	4.963	0.0224	3.811	0.0601
14.826	0.405	-0.0042	1.149	0.0148	1.954	0.0265	2.476	0.0247	2.647	0.0354	2.574	0.0296	3.392	0.0365	4.477	0.0467	4.963	0.0224	3.805	0.0601
14.827	0.443	-0.0039	1.151	0.0148	1.955	0.0265	2.476	0.0247	2.647	0.0354	2.574	0.0296	3.392	0.0365	4.477	0.0467	4.963	0.0224	3.805	0.0601
14.828	0.336	-0.0012	0.973	-0.009	1.475	0.0157	1.456	0.0203	2.285	-0.0247	3.475	0.0323	4.422	0.0512	4.288	0.0462	4.963	0.0745	4.963	0.0745
14.829	0.334	-0.0059	0.978	-0.009	1.482	0.0151	1.515	0.0203	2.285	-0.0247	3.475	0.0323	4.422	0.0512	4.288	0.				

14.983	0.531	0.0100	0.7	-0.0089	1.14	0.0012	2.237	0.0345	2.031	-0.0238	2.865	-0.0302	3.826	0.0353	4.936	0.0056	3.697	0.0378	4.827	-0.051
14.983	0.601	0.0043	0.678	0.0006	1.268	0.0173	2.466	0.0157	1.838	-0.0196	2.548	-0.0209	3.442	0.0365	4.604	0.038	4.326	0.0068	4.3	-0.004
14.984	0.566	-0.0036	0.759	0.0115	1.522	0.0266	2.386	0.0157	1.856	0.0094	2.284	-0.0205	3.063	-0.035	4.166	0.041	4.963	0.0722	3.867	-0.0341
14.985	0.515	0.0045	0.626	0.0179	1.172	0.0281	2.038	0.0153	2.125	0.0115	2.25	0.0203	3.274	0.0347	4.593	0.0329	3.211	0.0311	3.936	-0.0306
14.986	0.462	-0.0042	1.117	0.0175	1.949	0.0094	1.951	0.0199	2.547	0.0429	2.518	0.033	3.119	0.0215	4.963	0.0298	4.631	0.0737	4.221	-0.052
14.987	0.411	-0.0042	1.192	0.0024	1.829	0.0139	1.74	0.0193	2.956	0.0345	2.997	0.0406	3.01	0.0345	4.963	0.0456	4.963	0.0456	4.963	0.0777
14.988	0.365	-0.0039	1.105	-0.0084	1.656	0.0154	1.514	0.0169	3.072	0.0006	3.509	0.0463	3.431	0.0562	3.033	0.0133	4.963	0.0465	4.963	0.074
14.989	0.333	0.0025	1.103	0.0003	1.488	0.0154	1.444	0.0203	2.842	0.0205	3.743	0.0194	3.448	0.0368	3.093	0.0143	4.963	0.0456	4.963	0.0704
14.990	0.352	0.0046	0.897	-0.009	1.32	0.0154	1.571	0.017	2.565	0.0244	3.531	0.0272	4.412	0.0209	4.082	0.0653	3.56	0.0377	4.963	-0.0435
14.991	0.429	0.0043	0.709	0.0273	1.151	0.0208	2.337	0.0154	2.343	0.0201	2.37	0.0203	3.443	0.0348	3.714	0.0261	4.963	0.0465	4.963	-0.0507
14.992	0.538	0.0043	0.712	0.0273	1.151	0.0208	2.337	0.0154	2.343	0.0201	2.37	0.0203	3.443	0.0348	3.714	0.0261	4.963	0.0465	4.963	-0.0507
14.993	0.611	0.0049	0.68	0.0003	1.261	0.017	2.467	0.0163	1.849	-0.0196	2.552	-0.0206	3.457	0.0359	4.625	-0.0377	4.305	0.0674	4.963	-0.0504
14.994	0.578	-0.0036	0.757	0.0112	1.516	0.0269	2.395	0.0157	1.867	0.0091	2.287	0.0205	3.079	0.0353	4.169	-0.0407	4.963	0.0737	3.868	-0.0338
14.995	0.425	0.0042	0.621	0.0175	1.560	0.0248	2.364	0.0154	1.766	0.0193	2.511	0.0204	2.745	0.0347	4.603	0.0354	3.844	0.0297	4.963	0.0709
14.996	0.473	-0.0045	1.11	0.0173	1.949	0.0087	1.956	0.0199	2.548	0.0423	2.513	0.0327	2.658	0.0342	3.342	0.0398	4.963	0.052	4.963	0.0777
14.997	0.421	-0.0042	1.187	0.0027	1.83	0.0142	1.745	0.0193	2.957	0.0342	2.993	0.0406	2.923	0.0342	3.119	0.0268	4.963	0.0456	4.963	0.0708
14.998	0.374	-0.0039	1.102	-0.0054	1.658	0.0154	1.545	0.0175	3.073	0.0012	3.508	0.0466	3.454	0.0556	3.045	0.0127	4.963	0.0465	4.963	0.0777
14.999	0.348	0.0018	1.098	-0.009	1.437	0.0154	1.453	0.0203	2.844	0.0205	3.749	0.0191	3.444	0.0368	3.093	0.0143	4.963	0.0456	4.963	0.0704
15	0.363	0.0037	0.894	-0.0093	1.323	0.0154	1.568	0.0163	2.569	0.0244	3.538	0.0274	4.412	0.0208	4.082	0.0653	3.584	0.0383	4.963	-0.0441
15.001	0.426	0.0088	0.796	-0.0087	1.179	0.0117	1.856	0.0215	2.302	0.0244	3.206	-0.0202	4.239	0.0206	4.718	0.0553	3.415	0.0348	4.963	-0.0507
15.002	0.331	0.0021	0.749	-0.0073	1.14	0.0208	2.349	0.0154	1.862	0.0196	2.558	-0.0206	3.458	0.0359	4.625	0.0377	4.304	0.0273	4.963	-0.0507
15.003	0.692	0.0049	0.678	0.0009	1.296	0.017	2.496	0.0154	1.846	-0.0199	2.558	-0.0206	3.458	0.0359	4.625	0.0377	4.304	0.0273	4.963	-0.0507
15.004	0.57	-0.0039	0.759	0.0109	1.522	0.0269	2.4	0.0154	1.862	0.0086	2.295	-0.0211	3.08	0.0356	4.196	-0.0407	4.963	0.0731	3.874	-0.0341
15.005	0.518	-0.0039	0.625	0.0179	1.612	0.0206	2.175	0.0154	1.821	0.0111	2.256	0.0204	3.048	0.0359	4.247	0.0278	3.768	0.0307	3.844	-0.0341
15.006	0.493	0.0042	1.114	0.0197	1.563	0.0269	2.395	0.0154	1.867	0.0091	2.513	0.0205	3.458	0.0359	4.625	0.0377	4.304	0.0273	4.963	-0.0507
15.007	0.415	-0.0042	1.191	0.0031	1.833	0.0139	1.748	0.0193	2.947	0.0345	2.991	0.0403	2.915	0.0339	3.028	0.0358	4.963	0.0456	4.963	0.0774
15.008	0.368	-0.0042	1.05	-0.0084	1.661	0.0151	1.55	0.0172	2.496	0.0202	3.045	0.0345	3.445	0.0569	4.015	0.0465	4.963	0.0731	3.845	-0.0341
15.009	0.325	0.0015	1.201	-0.0009	1.401	0.0154	1.455	0.0203	2.349	0.0202	3.745	0.0171	3.448	0.0368	3.045	0.0245	4.963	0.0456	4.963	0.0724
15.010	0.572	-0.0045	1.11	0.007	1.325	0.0154	1.564	0.0244	2.058	0.0327	3.643	0.0269	4.409	0.0224	4.051	0.0665	3.591	0.0392	4.963	-0.0438
15.011	0.427	0.0094	0.807	-0.009	1.181	0.0121	1.849	0.0305	2.316	0.0215	3.211	0.0322	4.405	0.0215	4.057	0.0665	3.583	0.0389	4.963	-0.0438
15.012	0.536	0.0112	0.714	-0.0072	1.138	0.0003	2.214	0.0154	1.849	0.0211	2.406	0.0228	3.859	0.0356	4.214	0.0168	3.658	0.036	4.963	0.0507
15.013	0.411	0.0042	0.695	0.0009	1.246	0.0154	1.517	0.0211	2.404	0.0203	3.503	0.0298	3.314	0.0365	4.405	0.0237	4.279	0.0603	3.498	-0.0341
15.014	0.61	0.0049	0.677	0.0009	1.264	0.0154	1.565	0.0217	2.402	0.0204	3.296	0.0221	3.086	0.0363	4.405	0.0237	4.269			

15.167	0.419	-0.0042	1.191	0.037	1.836	-0.0139	1.778	-0.0196	2.877	0.039	2.919	0.0481	2.841	0.029	3.084	-0.0396	4.963	0.0453	4.963	0.0783
15.168	0.37	-0.0039	1.132	-0.0078	1.664	-0.0151	1.578	-0.0181	3.08	0.0097	3.444	0.0487	3.341	0.035	2.99	0.0037	4.587	0.0462	4.963	0.0728
15.169	0.336	-0.0021	1.027	-0.009	1.493	-0.0157	1.456	-0.0066	2.964	-0.0223	3.736	0.0173	3.957	0.0305	3.035	0.0037	4.103	0.0462	4.963	0.0708
15.170	0.345	-0.0034	1.023	-0.009	1.523	-0.0151	1.533	-0.0031	2.930	-0.0244	3.570	0.0203	3.438	0.0320	3.340	0.0038	4.120	0.0462	4.963	0.0747
15.171	0.415	-0.0038	0.824	-0.009	1.182	-0.0134	1.799	-0.0293	2.362	0.0244	3.245	-0.0299	4.311	0.0211	4.581	0.0623	3.398	0.0133	4.963	0.0567
15.172	0.521	-0.0015	0.728	-0.0081	1.134	-0.0003	2.156	-0.0354	2.1	-0.0344	2.916	-0.0305	3.917	-0.053	3.945	0.0209	3.573	0.0209	4.812	0.0513
15.173	0.606	-0.0044	0.877	-0.0024	1.253	-0.016	2.442	-0.0215	4.075	-0.0175	2.596	-0.0296	3.520	-0.026	3.456	0.0252	4.265	-0.0501	4.963	0.0561
15.174	0.561	-0.0033	0.728	-0.008	1.002	-0.0086	1.493	-0.0036	2.480	-0.0203	3.135	-0.0034	3.115	-0.0203	3.456	0.0256	4.141	-0.0438	4.963	0.0561
15.175	0.533	-0.0042	0.875	0.016	1.797	-0.0269	2.217	-0.0193	2.052	0.0266	2.238	-0.0006	2.801	0.0302	3.865	0.0481	3.818	0.0204	4.963	0.0504
15.176	0.481	-0.0042	1.065	0.0185	1.948	-0.0185	1.948	-0.0196	2.449	0.0408	2.459	0.0293	2.649	0.0551	2.499	0.0404	4.963	0.0517	4.254	0.0532
15.177	0.429	-0.0042	1.134	-0.0073	1.639	-0.0159	1.733	-0.0196	2.377	0.0209	2.510	0.0481	2.499	0.0303	3.681	0.0308	4.583	0.0447	4.963	0.0730
15.178	0.381	-0.0039	1.127	-0.0078	1.696	-0.0151	1.581	-0.0181	3.083	0.01	3.442	0.0489	3.344	0.0302	2.999	0.0311	4.612	0.0462	4.963	0.0731
15.179	0.342	-0.0024	1.022	-0.009	1.496	-0.0154	1.457	-0.0069	2.908	-0.0223	3.738	0.0179	3.953	0.0302	3.305	0.0037	4.103	0.0462	4.963	0.0708
15.180	0.347	-0.0037	0.919	-0.009	1.33	-0.013	1.503	-0.0151	2.623	-0.0247	3.567	-0.0203	4.338	0.0203	3.344	0.0038	4.160	0.0462	4.963	0.0747
15.181	0.413	-0.0082	0.819	-0.009	1.185	-0.0134	1.79	-0.029	2.965	-0.0247	3.251	-0.0299	4.300	0.0208	4.577	0.0623	3.419	0.0139	4.963	0.0567
15.182	0.515	0.0112	0.726	-0.0081	1.139	-0.0003	2.15	-0.0354	2.102	-0.0241	2.922	-0.0302	3.915	-0.035	4.946	0.0215	3.585	0.0281	4.813	0.051
15.183	0.598	-0.0016	0.678	-0.0018	1.259	-0.0163	2.441	-0.0218	1.88	-0.0178	2.044	-0.0296	3.917	-0.0359	4.743	0.0215	3.446	0.0209	4.289	0.0504
15.184	0.719	-0.0023	0.729	-0.0085	1.500	-0.0039	1.835	-0.0203	2.321	-0.0201	3.231	-0.0203	3.147	-0.0203	3.446	0.0208	3.585	0.0281	4.813	0.0530
15.185	0.525	-0.0045	0.878	0.017	1.803	-0.0269	2.221	-0.0193	2.044	0.0298	2.241	-0.0006	2.794	0.0308	3.868	0.0481	3.826	0.0207	4.963	0.0507
15.186	0.473	-0.0042	1.069	0.0185	1.954	-0.0092	2.001	-0.0196	2.438	0.0408	2.464	0.029	3.451	0.0351	4.963	0.0511	4.265	0.0532	4.963	0.0532
15.187	0.421	-0.0042	1.122	-0.008	1.642	-0.0159	1.733	-0.0196	2.480	-0.0203	3.215	-0.0201	3.441	-0.0203	3.447	0.0207	3.447	0.0207	4.963	0.0537
15.188	0.374	-0.0039	1.132	-0.0078	1.67	-0.0151	1.585	-0.0181	3.077	0.01	3.438	0.0487	3.334	0.0302	2.999	0.0304	4.615	0.0465	4.963	0.0722
15.189	0.338	-0.0021	1.027	-0.0084	1.499	-0.0157	1.462	-0.0069	2.904	-0.0223	3.73	0.017	3.947	0.0302	3.3	0.0384	4.128	0.0469	4.963	0.0514
15.190	0.346	-0.0034	0.923	-0.009	1.334	-0.0148	1.513	-0.0162	2.430	-0.0241	3.578	0.0205	3.957	0.0305	3.305	0.0035	4.669	0.0467	4.963	0.0547
15.191	0.455	-0.0035	0.924	-0.009	1.646	-0.0154	1.734	-0.0196	2.390	-0.0207	3.241	-0.0203	4.311	0.0203	3.443	0.0207	4.963	0.0537	4.963	0.0537
15.192	0.521	-0.0012	0.728	-0.0081	1.138	-0.0003	2.15	-0.0354	2.102	-0.0241	2.912	-0.0302	3.915	0.0205	4.936	0.0218	3.579	0.0278	4.794	0.051
15.193	0.605	-0.0064	0.676	-0.0021	1.255	-0.016	2.441	-0.0215	1.878	-0.0178	2.592	-0.0296	3.927	0.0305	3.527	0.0335	4.723	0.0217	4.273	0.0501
15.194	0.588	-0.0036	0.723	-0.0079	1.503	-0.0039	1.832	-0.0203	2.321	-0.0207	3.211	-0.0203	3.148	-0.0203	3.447	0.0207	3.555	0.0230	4.813	0.0530
15.195	0.533	-0.0039	0.869	0.0163	1.795	-0.0268	2.22	-0.0193	2.039	0.0208	2.28	0.0228	0	0.041	3.668	0.0308	4.963	0.0507	3.813	0.0207
15.196	0.481	-0.0045	0.787	0.017	1.946	-0.0216	2.431	-0.0196	1.998	-0.0203	2.455	-0.0203	2.641	-0.0357	4.963	0.0205	4.251	0.0535	4.963	0.0535
15.197	0.423	-0.0042	1.191	-0.0085	1.642	-0.0151	1.503	-0.0196	2.481	-0.0203	3.265	-0.0207	3.455	-0.0203	3.447	0.0207	3.447	0.0207	4.963	0.0530
15.198	0.381	-0.0042	1.128	-0.0081	1.662	-0.0151	1.583	-0.0184	3.079	0.0209	3.431	0.032	3.327	0.0202	3.452	0.0202	4.615	0.0462	4.963	0.0528
15.199	0.341	-0.0021	1.024	-0.009	1.492	-0.0154	1.456	-0.0072	2.91	-0.0216	3.738	0.0182	3.941	0.0305	3.29	0.0384	4.128	0.0462		

15.32	0.506	0.0100	0.75	-0.0084	1.135	0.0003	2.087	0.0351	2.157	-0.0341	2.964	-0.0302	3.988	-0.035	4.902	0.0345	3.495	0.0191	4.79	-0.0507
15.33	0.599	0.0079	0.68	-0.0045	1.245	0.0154	2.407	0.0263	1.919	-0.0205	2.639	-0.0299	3.599	-0.0362	4.851	-0.0205	3.986	0.0568	4.271	-0.0501
15.34	0.594	-0.003	0.705	0.0058	1.493	0.0266	2.454	-0.003	2.351	-0.0221	3.214	-0.0356	4.413	-0.0398	4.724	0.0743	3.851	-0.0517		
15.35	0.542	0.002	0.621	0.0045	1.763	0.0259	2.391	0.0219	1.825	0.0218	2.232	0.0303	3.977	0.0437	4.963	0.0463	3.203	-0.0509		
15.36	0.49	-0.0045	1.017	0.0191	1.95	0.0094	2.042	-0.0199	2.349	0.0387	2.414	0.0257	2.652	0.0108	3.563	-0.0404	4.963	0.0301	4.276	0.0544
15.37	0.437	-0.0042	1.169	0.0115	1.847	0.0139	1.826	-0.0193	2.783	0.0403	2.846	0.0459	2.785	0.0203	3.161	-0.0347	4.963	0.0301	4.276	0.0544
15.38	0.388	-0.0042	1.153	-0.0066	1.677	0.0151	1.816	-0.019	2.668	0.0402	3.374	0.0500	3.239	0.0162	3.161	-0.0347	4.963	0.0301	4.276	0.0544
15.39	0.344	0.002	1.047	-0.009	1.504	0.0121	1.489	0.0109	2.969	0.0203	3.723	0.0203	3.344	0.0203	3.161	-0.0347	4.963	0.0301	4.276	0.0544
15.40	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.41	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.42	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.43	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.44	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.45	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.46	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.47	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.48	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.49	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.50	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.51	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.52	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.53	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.54	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.55	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.56	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.57	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.58	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.59	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.60	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.61	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.62	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.63	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.64	0.342	0.0015	0.946	-0.009	1.34	0.0148	1.407	0.0088	2.693	0.0241	3.633	0.0211	3.723	0.0211	3.733	-0.0347	4.963	0.0301	4.276	0.0544
15.65	0.342	0.0015	0.946	-0.009	1.34</															

15.537	0.444	-0.0042	1.143	0.0148	1.855	-0.0133	1.865	-0.0199	2.69	0.0435	2.773	0.0441	2.733	0.017	3.249	-0.0386	4.963	0.0414	4.963	0.0792
15.538	0.493	-0.0042	1.176	-0.0015	1.882	-0.0154	1.858	-0.0193	3.04	0.0254	3.301	0.0514	3.143	0.0463	2.903	-0.0157	4.839	0.0462	4.963	0.0704
15.539	0.351	-0.0033	1.074	-0.009	1.511	-0.0154	1.485	-0.0193	3.028	-0.0108	3.697	0.0287	3.735	0.0509	3.008	0.0209	4.349	0.0468	4.963	0.0519
15.540	0.343	-0.0033	1.059	-0.009	1.540	-0.0154	1.452	-0.0193	2.502	-0.0201	3.274	-0.0141	3.545	0.0247	4.279	0.0505	3.566	0.0456	4.963	0.0549
15.541	0.386	0.0207	0.869	-0.009	1.196	-0.013	1.077	0.0239	2.484	0.0247	3.345	-0.0296	4.401	0.0221	4.23	0.0652	3.499	0.0299	4.963	0.0567
15.542	0.484	0.0103	0.77	-0.0084	1.137	-0.012	1.042	0.0342	2.22	-0.0241	3.014	-0.0305	4.06	0.0341	4.811	0.0472	3.456	0.0291	4.963	0.0567
15.543	0.562	0.0201	0.691	-0.008	1.241	-0.0148	1.253	0.0305	2.353	-0.0226	3.688	-0.0296	4.222	0.0262	3.688	0.0449	3.833	0.0448	4.963	0.0561
15.544	0.594	-0.0021	0.698	0.0203	1.483	-0.018	1.479	0.0249	2.398	0.0205	3.398	-0.0202	3.333	0.0256	4.259	-0.0386	4.54	0.0374	4.963	0.0523
15.545	0.541	-0.0039	0.793	0.0127	1.778	-0.028	2.305	-0.0187	1.92	0.0163	2.235	-0.0099	2.915	0.0344	4.094	0.0365	3.848	0.0133	4.963	0.0513
15.546	0.49	-0.0045	1.148	-0.0148	1.658	-0.013	1.577	0.0281	2.481	0.0242	3.714	-0.0241	3.543	0.0303	3.254	-0.0181	4.593	0.0441	4.963	0.0579
15.547	0.437	-0.0042	1.148	-0.0148	1.658	-0.0154	1.661	-0.019	3.028	0.0208	3.299	0.0508	3.195	0.0459	2.902	-0.0168	4.84	0.0469	4.963	0.0695
15.548	0.388	-0.0042	1.181	-0.018	1.685	-0.0154	1.661	-0.019	3.028	0.0208	3.299	0.0508	3.195	0.0459	2.902	-0.0168	4.84	0.0469	4.963	0.0514
15.549	0.346	-0.003	1.079	-0.0084	1.514	-0.0154	1.49	-0.013	3.025	-0.0108	3.691	0.0284	3.727	0.0505	3.002	0.0206	4.351	0.0465	4.963	0.0542
15.550	0.339	-0.002	0.876	-0.009	1.344	-0.0154	1.344	-0.014	2.505	-0.0241	3.665	-0.0241	3.635	0.0247	4.248	0.0505	3.496	0.0449	4.963	0.0549
15.551	0.39	0.0073	0.873	-0.009	1.197	-0.013	1.075	0.0239	2.483	-0.0205	3.335	-0.0296	4.065	0.0318	4.219	0.0662	3.498	0.0299	4.963	0.0567
15.552	0.488	0.0108	0.775	-0.009	1.135	-0.013	1.051	0.0208	2.218	-0.0244	3.006	-0.0302	4.056	0.0341	4.8	0.0475	3.449	0.0385	4.963	0.0551
15.553	0.589	0.0094	0.692	-0.006	1.236	-0.0148	1.254	0.0254	2.354	0.0303	1.966	-0.0226	3.665	0.0362	4.916	-0.0442	3.844	0.0487	4.238	0.0548
15.554	0.602	0.0201	0.698	-0.004	1.478	-0.0154	1.478	-0.014	2.393	-0.0275	3.393	-0.0202	4.211	0.0308	4.538	0.0293	3.833	0.0208	4.963	0.0559
15.555	0.55	-0.0042	0.782	0.0127	1.771	-0.028	2.304	-0.0187	1.918	0.0157	2.233	-0.0079	2.922	0.0341	4.103	0.0407	4.963	0.0516	4.963	0.0518
15.556	0.497	-0.0045	0.96	0.0182	1.943	-0.0103	1.803	0.0205	2.241	0.0206	2.361	0.0215	4.963	0.0465	4.306	0.0175	4.963	0.0562	4.963	0.0562
15.557	0.441	-0.0045	1.19	-0.013	1.501	-0.0154	1.501	-0.013	2.483	-0.0242	3.706	-0.0243	3.706	0.026	4.259	-0.0386	4.54	0.0374	4.963	0.0579
15.558	0.396	-0.0045	1.178	-0.012	1.679	-0.0154	1.659	-0.019	3.027	0.0208	3.292	0.0514	3.127	0.0463	2.901	-0.0168	4.839	0.0462	4.963	0.0701
15.559	0.352	-0.0033	1.076	-0.0084	1.508	-0.0154	1.486	-0.013	3.021	-0.0102	3.691	0.0206	3.722	0.0509	3.084	0.02	4.348	0.0465	4.963	0.0514
15.560	0.339	-0.0046	0.975	-0.0003	1.343	-0.0154	1.474	-0.014	2.483	-0.0248	3.679	-0.0204	4.267	0.0504	4.543	0.0265	4.963	0.0542	4.963	0.0562
15.561	0.345	0.0007	0.973	-0.0087	1.514	-0.0154	1.514	-0.012	2.483	-0.0244	3.679	-0.0204	4.267	0.0504	4.543	0.0265	4.963	0.0542	4.963	0.0562
15.562	0.48	0.0103	0.772	-0.0087	1.134	-0.0154	1.051	0.0208	2.226	-0.0244	3.019	-0.0302	4.066	0.0341	4.798	0.0484	3.44	0.0775	4.963	0.0548
15.563	0.579	0.0091	0.692	-0.006	1.236	-0.0154	1.246	0.0205	2.346	-0.0229	2.693	-0.0292	4.274	0.0509	4.923	0.0333	4.254	0.0548	4.963	0.0561
15.564	0.348	0.0208	0.798	-0.0003	1.48	0.0208	1.48	0.0204	2.322	-0.0201	2.302	-0.0203	3.239	0.0205	4.251	0.0505	3.493	0.0203	4.963	0.0563
15.565	0.542	-0.0042	0.788	0.0133	1.777	-0.028	2.308	-0.0187	1.914	0.0157	2.233	-0.0079	2.922	0.0341	4.103	0.0407	4.963	0.0516	4.963	0.0518
15.566	0.489	-0.0042	0.96	0.0182	1.943	-0.0103	1.809	0.0205	2.241	0.0204	2.368	0.0215	4.963	0.0465	4.306	0.0172	4.963	0.0559	4.963	0.0561
15.567	0.444	-0.0045	1.173	-0.0009	1.584	-0.0154	1.584	-0.013	2.483	-0.0242	3.706	-0.0243	3.706	0.026	4.259	-0.0386	4.54	0.0374	4.963	0.0579
15.568	0.388	-0.0039	1.187	-0.0009	1.687	-0.0154	1.652	-0.0193	2.483	-0.0246	3.706	-0.0246	3.706	0.026	4.259	-0.0389	4.54	0.0375	4.963	0.0565
15.569	0.346	-0.0033	1.087	-0.0084	1.516	-0.0154	1.492	-0.0133	2.483	-0.0241	3.693	-0.0295	3.716	0.0208	4.267	0.0505	3.808	0.0465	4.963	

15.722	0.487	0.01	0.797	-0.0087	1.135	0.0018	1.931	0.0327	2.278	-0.0344	3.06	-0.0306	4.129	0.0332	4.495	0.0966	3.425	0.0006	4.752	-0.051		
15.723	0.57	0.0097	0.707	-0.0072	1.233	0.0142	2.29	0.0288	2.732	-0.0302	3.736	0.0365	4.948	0.01	3.733	0.0048	4.211	-0.0498	4.211	-0.0507		
15.724	0.6	0.0098	0.68	-0.006	1.47	0.0257	2.477	0.0209	1.838	-0.0121	2.428	0.0284	3.351	0.0256	4.844	0.088	3.838	0.0287	4.211	-0.0507		
15.725	0.549	-0.0042	0.736	-0.0019	1.703	0.0239	2.346	0.0175	1.935	-0.0109	2.239	0.0163	2.377	0.0265	4.933	0.0113	3.693	0.0243	4.211	-0.0507		
15.726	0.498	-0.0042	0.921	0.0179	1.95	0.0118	2.126	0.0199	2.158	0.0207	2.334	0.0175	2.69	0.0211	4.963	0.0303	4.349	0.0574	4.349	0.0574		
15.727	0.444	-0.0045	1.111	0.0173	1.87	-0.013	1.91	-0.0196	2.581	0.0409	2.691	0.0417	3.588	0.0303	4.963	0.0326	4.349	0.0574	4.349	0.0574		
15.728	0.596	-0.0039	1.192	0.0047	1.695	0.0151	2.011	0.0197	1.897	0.0207	2.702	0.0201	3.222	0.0154	3.544	0.0243	4.963	0.0303	4.349	0.0574		
15.729	0.523	-0.0036	1.103	0.0047	1.523	0.0151	1.511	0.0197	1.511	0.0207	1.563	0.0201	3.051	0.0154	3.517	0.0243	4.963	0.0303	4.349	0.0574		
15.730	0.336	0.0003	1.004	-0.009	1.357	0.0151	1.462	0.0192	2.818	0.0201	3.698	0.0168	3.517	0.0243	3.051	0.0154	3.517	0.0243	4.963	0.0303		
15.731	0.336	0.0003	1.004	-0.009	1.357	0.0151	1.462	0.0192	2.818	0.0201	3.698	0.0168	3.517	0.0243	3.051	0.0154	3.517	0.0243	4.963	0.0303		
15.732	0.478	0.0098	0.903	-0.0071	1.133	0.0151	1.562	0.0206	2.542	0.0206	3.382	0.0206	4.413	0.0073	4.059	0.0644	3.552	0.0243	4.963	0.0303		
15.733	0.577	0.0097	0.71	-0.0075	1.23	0.0198	2.291	0.0303	2.019	-0.0238	2.726	-0.0302	3.735	0.0362	4.944	0.0108	3.722	0.0405	4.215	-0.0498	4.215	-0.0507
15.734	0.608	0.0097	0	0.077	1.464	0.0257	2.475	0.0175	1.835	0.0201	2.475	0.0201	3.35	0.0256	4.944	-0.0374	4.381	0.0287	4.211	-0.0498	4.211	-0.0507
15.735	0.549	-0.0042	0.749	0.0003	1.495	0.0151	2.346	0.0175	1.935	0.0201	2.239	0.0163	2.377	0.0265	4.963	0.0113	3.693	0.0243	4.211	-0.0498	4.211	-0.0507
15.736	0.509	-0.0042	0.912	0.0173	1.842	0.0198	2.134	0.0198	2.151	0.0203	2.319	0.0173	2.686	0.0214	3.774	0.0441	4.963	0.0308	4.348	0.0583		
15.737	0.452	-0.0042	1.1	0.0175	1.859	-0.013	1.908	-0.0196	2.574	0.0426	2.69	0.0417	2.687	0.01	3.558	-0.0398	4.963	0.0314	4.349	0.0584		
15.738	0.404	-0.0042	1.189	0.0173	1.865	0.0151	1.696	-0.0193	2.971	0.0327	3.211	0.0202	3.035	0.0202	4.963	0.0449	4.349	0.0584	4.349	0.0584		
15.739	0.337	0.0003	1.055	-0.0091	1.515	0.0151	1.503	0.0198	1.503	0.0207	1.553	0.0201	3.048	0.0154	3.517	0.0243	4.963	0.0303	4.349	0.0584		
15.740	0.338	0.0003	1.001	-0.0093	1.348	0.0151	1.453	0.0003	2.824	-0.0235	3.708	-0.0059	4.191	0.0508	3.934	0.0453	4.349	0.0584	4.349	0.0584		
15.741	0.375	0.0061	0.898	-0.009	1.198	0.0133	1.608	0.0203	2.561	-0.0247	3.396	-0.0293	4.417	0.0064	4.963	0.0307	4.349	0.0584	4.349	0.0584		
15.742	0.445	0.0098	0.81	-0.009	1.233	0.0151	1.503	0.0198	1.503	0.0207	1.553	0.0201	3.048	0.0154	3.517	0.0243	4.963	0.0303	4.349	0.0584		
15.743	0.588	0.01	0.709	-0.0072	1.228	0.0142	2.29	0.0308	2.738	-0.0241	3.745	-0.0302	4.413	0.0118	3.708	0.0398	4.232	-0.0498	4.232	-0.0507		
15.744	0.549	0	0.877	0	1.467	0.0257	2.475	0.0109	1.839	-0.0128	2.43	-0.0281	3.357	0.0365	4.655	-0.0371	4.354	0.0284	4.215	-0.0498	4.215	-0.0507
15.745	0.549	-0.0045	0.762	0.0009	1.763	0.0278	2.354	0.0172	1.871	0.0201	2.475	0.0201	3.35	0.0256	4.216	0.0449	4.963	0.0322	4.349	0.0584		
15.746	0.493	-0.0042	1.054	0.0175	1.448	0.0151	1.503	0.0198	1.503	0.0207	1.553	0.0201	3.048	0.0154	3.517	0.0243	4.963	0.0303	4.349	0.0584		
15.747	0.444	-0.0042	1.106	0.0182	1.867	-0.013	1.914	-0.0196	2.57	0.0432	2.696	0.0411	3.635	0.01	3.963	0.0305	4.349	0.0584	4.349	0.0584		
15.748	0.396	-0.0042	1.195	0.0173	1.695	0.0151	1.702	0.0198	1.702	0.0207	1.752	0.0201	3.035	0.0203	4.962	0.0449	4.349	0.0584	4.349	0.0584		
15.749	0.523	0.0003	1.115	-0.0091	1.523	0.0151	1.514	0.0198	1.514	0.0207	1.563	0.0201	3.035	0.0203	4.962	0.0449	4.349	0.0584	4.349	0.0584		
15.750	0.507	-0.0042	0.912	0.0173	1.842	0.0151	1.503	0.0198	1.503	0.0207	1.553	0.0201	3.035	0.0203	4.962	0.0449	4.349	0.0584	4.349	0.0584		
15.751	0.452	-0.0042	1.1	0.0175	1.859	-0.013	1.908	-0.0196	2.574	0.0426	2.69	0.0417	2.687	0.01	3.558	-0.0398	4.963	0.0314	4.349	0.0584		
15.752	0.404	-0.0042	1.189	0.0173	1.865	0.0151	1.696	0.0198	1.696	0.0207	1.746	0.0201	3.035	0.0203	4.962	0.0449	4.349	0.0584	4.349	0.0584		
15.753	0.337	0.0003	1.01	-0.009	1.357	0.0151	1.227	0.0198	1.227	0.0207	1.276	0.0201	3.036	0.0203	4.962	0.0449	4.349	0.0584	4.349	0.0584		
15.754	0.377	0.0003	0.68	-0.0003	1.463	0.0257	2.478	0.0109	1.845	0.0201	2.432											

15.007	0.454	-0.0042	1.063	0.0185	1.678	0.013	1.96	-0.0199	2.481	0.0417	2.634	0.0384	2.464	0.0043	3.467	-0.0404	4.963	0.0172	4.963	0.0798
15.008	0.404	-0.0042	1.189	0.0082	1.703	0.0148	1.739	-0.0193	2.905	0.0375	3.143	0.0511	2.961	0.0069	3.095	-0.0311	4.963	0.0063	4.963	0.0662
15.009	0.358	-0.0036	1.135	-0.0081	1.531	0.0157	1.54	-0.0172	3.078	0.0067	3.611	0.0381	3.506	0.0058	3.991	-0.0003	4.963	0.0065	4.963	0.0668
15.010	0.353	-0.0036	1.133	-0.0080	1.534	0.0157	1.54	-0.0172	3.024	0.0065	3.626	0.0381	3.516	0.0055	3.985	-0.0003	4.963	0.0064	4.963	0.0661
15.011	0.368	0.0038	0.926	-0.0003	1.21	0.0139	1.573	0.0167	2.605	0.0247	3.431	0.029	4.413	0.0116	3.506	0.0611	3.634	0.0491	4.963	0.0511
15.012	0.454	0.0031	0.827	-0.0087	1.173	0.0027	1.862	0.0315	2.34	-0.0344	3.096	-0.0302	4.197	0.0314	4.534	0.0032	4.963	0.0052	4.963	0.0507
15.013	0.564	0.0046	0.792	-0.0084	1.221	0.0113	1.813	0.0342	2.299	-0.0544	3.77	-0.0300	3.844	0.0035	4.065	0.0045	4.963	0.0045	4.963	0.0495
15.014	0.412	0.0019	0.678	-0.0024	1.463	0.0344	1.504	0.0194	2.139	0.0296	3.459	-0.0234	4.317	0.0137	4.703	0.0441	3.714	0.0311	4.963	0.0298
15.015	0.566	-0.0039	0.72	0.0076	1.748	0.0278	2.386	-0.0157	1.841	0.0052	2.241	-0.0148	3.043	0.0053	4.323	-0.0404	4.955	0.0074	3.857	0.0598
15.016	0.513	-0.0042	0.863	0.0116	1.94	0.0127	2.165	0.0281	2.268	0.0153	2.721	0.0256	3.889	0.0407	4.963	0.0356	4.963	0.0592		
15.017	0.448	0.0046	1.033	0.0161	1.667	0.0133	2.473	0.0247	2.553	0.0330	2.481	0.0264	4.593	0.0446	4.963	0.0301	4.963	0.0591		
15.018	0.41	-0.0042	1.182	0.0085	1.695	-0.0148	1.739	-0.0193	2.9	0.0375	3.133	0.0514	2.953	0.0396	3.093	-0.0314	4.963	0.0671	4.963	0.0668
15.019	0.363	-0.0039	1.132	-0.0078	1.523	0.0157	1.536	-0.0172	3.079	0.0067	3.61	0.0393	3.498	0.0571	2.965	0.0465	4.963	0.0065	4.963	0.0667
15.020	0.336	-0.0036	1.203	-0.0069	1.586	0.0151	1.445	0.0203	2.848	0.0206	3.718	0.0311	4.408	0.0325	3.916	0.0462	4.963	0.0341	4.963	0.0671
15.021	0.395	0.0049	0.923	-0.0009	1.204	0.0136	1.561	0.0167	2.612	-0.0344	3.442	-0.0287	4.417	0.0173	3.844	0.0617	3.634	0.0414	4.963	0.0567
15.022	0.448	0.001	0.827	0.0087	1.137	0.0027	1.862	0.0315	2.34	-0.0344	3.096	-0.0302	4.197	0.0314	4.523	0.0035	4.963	0.0051	4.963	0.0501
15.023	0.454	0.0013	0.729	-0.0081	1.221	0.0133	1.863	0.0341	2.216	-0.0341	2.782	0.0283	3.813	0.0314	4.534	0.0032	4.963	0.0052	4.963	0.0507
15.024	0.449	0.0022	0.73	0.0024	1.454	0.0231	1.865	0.0317	2.34	-0.0349	3.085	0.0299	3.428	0.0302	4.775	0.0303	3.831	0.0495	4.963	0.0509
15.025	0.596	-0.0042	0.721	0.0079	1.752	0.0281	2.392	-0.0154	1.839	0.0049	2.25	-0.0148	3.051	0.0235	4.355	-0.0401	4.943	0.047	3.872	0.0515
15.026	0.507	-0.0042	0.868	0.0163	1.946	0.0123	2.171	-0.0193	2.065	0.0278	2.29	0.0127	2.727	0.0262	3.9	-0.0407	4.963	0.0451	4.382	0.0598
15.027	0.442	0.0012	0.72	0.0001	1.508	0.0191	1.739	0.0313	2.447	0.0247	2.603	0.0307	3.491	0.0447	4.354	0.0301	4.963	0.0507	4.963	0.0507
15.028	0.404	-0.0039	1.189	0.0085	1.703	-0.0151	1.743	-0.0193	2.899	0.0378	3.135	0.0511	2.948	0.0363	3.102	-0.0317	4.963	0.0665	4.963	0.0665
15.029	0.357	-0.0039	1.141	-0.0075	1.531	0.0157	1.543	-0.0172	3.084	0.0065	3.492	0.0568	3.288	0.0396	4.581	-0.0462	4.963	0.0668	4.963	0.0668
15.030	0.433	-0.0003	1.037	-0.0009	1.363	0.0154	1.453	-0.0162	2.841	0.0229	3.728	0.041	4.062	0.0356	3.209	0.0498	4.963	0.0471	4.963	0.0501
15.031	0.365	-0.0003	1.032	-0.0009	1.212	0.0156	1.593	-0.0161	2.45	0.0207	3.444	0.0307	4.495	0.0379	3.384	0.0441	4.963	0.0465	4.963	0.0667
15.032	0.452	0.01	0.833	-0.0009	1.135	0.0207	1.853	0.0315	2.353	-0.0247	3.113	-0.0302	4.216	0.0211	3.819	0.0356	4.963	0.0205	4.201	0.0505
15.033	0.501	0.0103	0.79	-0.0081	1.224	0.0133	1.963	0.0241	2.779	-0.0302	3.81	0.0266	3.605	0.0296	4.198	0.0495	4.963	0.0495	4.963	0.0495
15.034	0.402	-0.0022	0.714	0.0074	1.57	0.0207	1.537	0.0247	2.45	0.0272	3.47	0.0305	4.305	0.0320	3.231	0.0390	4.963	0.0300	4.963	0.0500
15.035	0.598	-0.0039	0.72	0.0073	1.747	0.0281	2.398	-0.0154	1.848	0.0049	2.249	-0.0154	3.057	0.0367	3.449	-0.0404	4.938	0.0347	3.867	0.0515
15.036	0.517	-0.0042	0.842	0.0157	1.943	0.0123	1.874	0.0241	2.181	0.0272	2.894	0.0272	4.278	0.0296	4.963	0.0472	4.963	0.0515	4.963	0.0515
15.037	0.463	-0.0042	0.842	0.0157	1.943	0.0123	1.874	0.0241	2.181	0.0272	2.894	0.0272	4.272	0.0296	4.963	0.0472	4.963	0.0515	4.963	0.0515
15.038	0.414	-0.0042	1.178	0.0085	1.748	0.0248	2.348	-0.0154	1.848	0.0051	2.247	0.0247	3.129	0.0367	3.477	0.0314	4.963	0.0463	4.382	0.0598
15.039	0.365	-0.0039	1.132	-0.0009	1.527	0.0154	1.548	-0.0175	3.075	0.0079	3.601	0.0562	2.991	0.0012	3.217	0.0465	4.963	0.0465	4.963	0.0502</td

16.093	0.439	0.0094	0.854	-0.009	1.135	0.0036	1.798	0.0209	2.396	-0.0344	3.144	-0.0302	4.266	0.0359	4.36	0.0659	3.423	0.0193	4.68	-0.057
16.093	0.547	0.0112	0.765	-0.0087	1.214	0.0127	2.156	0.0364	2.136	-0.0244	2.818	-0.0302	3.872	0.0359	4.36	0.0659	3.526	0.0202	4.161	-0.0492
16.094	0.512	0.0037	0.683	-0.0048	1.44	0.0248	2.436	0.0212	1.899	-0.0196	2.501	-0.0296	3.483	0.0359	4.36	0.0659	3.799	0.0253	4.023	-0.0253
16.095	0.573	0.0036	0.607	-0.0049	1.234	0.0244	2.436	0.0209	1.823	-0.0203	2.297	-0.0191	3.104	0.0359	4.36	0.0659	3.724	0.0253	4.023	-0.0253
16.096	0.521	-0.0045	0.817	0.0045	1.036	0.0153	2.21	0.0193	1.023	0.0233	2.261	0.0208	2.764	-0.0209	4.001	-0.0407	4.963	0.0547	4.384	0.0067
16.097	0.468	-0.0045	1.001	0.0185	1.876	0.0124	1.992	-0.0196	2.375	0.0396	2.559	0.0357	2.645	0.0021	3.577	-0.0404	4.963	0.0018	4.963	0.081
16.098	0.419	-0.0045	1.045	-0.0045	1.162	0.0127	1.702	0.0154	1.776	-0.0199	2.815	0.0367	2.957	0.0021	3.577	-0.0404	4.963	0.081	4.963	0.0653
16.099	0.37	-0.0045	1.158	-0.0051	1.531	0.0154	1.577	0.0151	1.574	0.0102	3.024	0.0359	3.354	0.0348	3.719	0.0018	4.963	0.0444	4.963	0.024
16.1	0.338	-0.0018	1.053	-0.0087	1.365	0.0154	1.452	0.0072	2.948	0.0208	3.738	0.0081	4.001	0.0278	3.153	0.0278	4.963	0.0465	4.963	-0.0474
16.101	0.357	0.0043	0.952	-0.009	1.21	0.0136	1.522	0.013	2.676	0.0241	3.489	0.0204	4.36	0.0565	3.423	0.0193	4.68	-0.051	4.963	-0.051
16.102	0.433	0.0038	1.25	-0.009	1.133	0.0133	1.503	0.0137	2.437	0.0245	3.141	0.0203	4.348	0.0565	3.421	0.0203	4.68	-0.0507	4.963	-0.0507
16.103	0.538	0.0109	1.214	-0.0084	1.214	0.0127	2.146	0.0354	2.143	-0.0244	2.83	-0.0302	3.877	0.0353	4.36	0.0659	3.518	0.0215	4.178	-0.0492
16.104	0.602	0.0037	0.682	-0.0048	1.444	0.0248	2.436	0.0215	1.907	-0.0209	2.514	-0.0293	3.492	0.0359	4.36	0.0659	3.815	0.0227	4.022	-0.0205
16.105	0.565	0.0036	0.698	-0.0042	1.74	0.0247	2.436	0.0209	1.54	0.0209	2.269	0.0219	3.115	0.0353	4.42	0.0658	4.79	0.0214	4.178	-0.0494
16.106	0.514	-0.0042	0.821	0.0145	1.543	0.0136	2.216	-0.0193	1.998	0.0203	2.272	0.0208	2.771	0.0024	4.012	-0.0407	4.963	0.0006	4.963	0.081
16.107	0.491	-0.0042	1.005	0.0191	1.885	0.0121	1.996	-0.0196	2.371	0.0393	2.566	0.0354	2.847	0.0024	3.559	-0.0404	4.963	0.0006	4.963	0.081
16.108	0.41	-0.0042	1.169	0.0127	1.711	0.0154	1.783	-0.0196	2.812	0.0342	3.042	0.0505	2.876	0.0111	3.189	-0.0388	4.963	0.0641	4.963	0.081
16.109	0.393	0.0036	1.168	-0.0048	1.538	0.0136	1.581	0.0151	1.579	0.0102	3.055	0.0345	3.384	0.0347	3.801	0.0024	4.963	0.0505	4.963	0.024
16.110	0.334	-0.0012	1.063	-0.009	1.371	0.0154	1.526	0.0069	2.961	0.0205	3.354	0.0348	3.654	0.0348	4.091	0.0051	4.963	0.0442	4.963	0.024
16.111	0.357	0.0046	0.96	-0.009	1.218	0.0136	1.526	0.0127	2.684	0.0241	3.499	0.0204	4.36	0.0565	3.665	0.0278	4.963	0.0657	4.963	-0.0474
16.112	0.437	0.0037	0.802	-0.009	1.25	0.0136	1.553	0.0103	2.818	0.0205	3.244	0.0205	4.38	0.0565	3.665	0.0278	4.963	0.0657	4.963	-0.0474
16.113	0.547	0.0112	0.759	-0.0084	1.214	0.0124	2.054	0.0354	2.15	-0.0241	2.831	-0.0302	3.889	0.0353	4.36	0.0659	3.517	0.0209	4.172	-0.0492
16.114	0.613	0.0046	0.686	-0.0051	1.44	0.0248	2.436	0.0218	1.914	-0.0202	2.513	-0.0292	3.502	0.0359	4.887	-0.0145	4.178	0.0205	4.022	-0.0205
16.115	0.579	0.0039	0.698	0.0049	1.735	0.0127	1.803	-0.0194	2.818	0.0204	3.267	0.0209	3.124	0.0356	4.36	0.0565	3.477	0.0193	4.68	-0.0517
16.116	0.525	0.0039	0.615	0.0142	1.54	0.0136	1.593	0.0136	2.025	0.0203	2.99	0.0205	3.273	0.0353	4.425	0.0655	4.965	0.0204	4.963	-0.0507
16.117	0.472	-0.0045	0.998	0.0188	1.882	0.0121	2.002	-0.0196	2.371	0.0359	2.558	0.0354	2.652	0.0024	3.601	-0.0404	4.963	0.081	4.963	0.0641
16.118	0.421	-0.0042	1.158	0.0127	1.707	0.0154	1.768	0.0111	2.808	0.0205	3.041	0.0502	2.878	0.0111	3.199	-0.0388	4.963	0.0641	4.963	0.0641
16.119	0.373	0.0032	1.202	-0.0048	1.535	0.0136	1.553	0.0151	1.551	0.0102	3.055	0.0347	3.347	0.0344	3.801	0.0024	4.963	0.0505	4.963	-0.0505
16.120	0.34	-0.0012	1.053	-0.009	1.369	0.0136	1.548	0.0072	2.954	0.0205	3.354	0.0348	3.658	0.0358	4.058	0.0024	4.963	0.0642	4.963	-0.0547
16.121	0.423	0.0031	0.861	-0.0045	1.21	0.0134	1.535	0.0127	2.137	0.0204	2.814	0.0205	3.497	0.0357	4.367	0.0021	3.738	0.0205	4.022	-0.0205
16.122	0.423	0.0031	0.861	-0.0045	1.21	0.0134	1.535	0.0127	2.137	0.0204	2.814	0.0205	3.497	0.0357	4.367	0.0021	3.738	0.0205	4.022	-0.0205
16.123	0.413	0.0046	0.684	0.0046	1.435	0.0136	1.798	0.0207	2.424	0.0202	2.814	0.0205	3.497	0.0357	4.367	0.0021	3.738	0.0205	4.022	-0.0205
16.124	0.317	0.0015	0.915	-0.0042	1.44	0.0142	1.543	0.0136	2.137	0.0204	2.814	0.0205	3.497	0.0357	4.367	0.0021	3.738	0.0205	4.	

16.277	0.479	-0.0045	0.95	0.0183	1.985	-0.0117	2.033	-0.0196	2.278	0.0369	2.504	0.0233	2.439	0.0075	3.492	0.0407	4.963	0.0124	4.963	0.0816
16.278	0.425	-0.0042	1.13	0.016	1.708	-0.0151	1.818	-0.019	2.716	0.0432	2.981	0.0496	2.812	-0.025	3.282	-0.039	4.963	-0.0423	4.963	0.0632
16.279	0.376	-0.0042	1.19	-0.0003	1.537	0.0154	1.618	-0.019	2.046	0.0229	3.495	0.0466	3.288	0.052	2.907	0.019	4.963	-0.0459	4.963	0.004
16.280	0.341	-0.0042	1.15	0.0004	1.571	0.0151	1.635	0.015	2.059	0.0223	3.214	0.0471	3.364	0.0515	3.045	0.0455	4.963	-0.0465	4.963	0.0484
16.281	0.35	0.0031	0.978	-0.0003	1.216	0.0159	1.49	0.0088	2.739	-0.0241	3.533	-0.0272	4.359	0.0233	3.056	0.0502	3.827	-0.0507	4.963	-0.0507
16.282	0.417	0.0085	0.877	-0.0087	1.133	0.0159	1.723	0.0296	2.467	-0.0245	3.204	-0.0299	4.331	-0.0163	4.161	0.0659	3.463	-0.0278	4.963	-0.0501
16.283	0.521	0.0109	0.778	-0.0009	1.208	0.0121	2.071	0.0251	2.504	-0.0244	2.875	-0.0202	3.247	0.0241	4.161	0.0658	3.463	-0.0268	4.963	-0.0489
16.284	0.501	0.0048	0.808	0.0003	1.432	0.0149	1.954	0.0203	2.396	0.0223	2.558	-0.0204	3.556	0.0245	3.485	0.0206	3.885	0.0241	4.963	0.0204
16.285	0.573	-0.0036	0.682	0.0022	1.728	0.0287	2.459	-0.0204	2.821	-0.0211	3.177	-0.0256	4.571	-0.0368	4.592	0.0722	3.886	-0.0212	4.963	0.0611
16.286	0.523	-0.0042	0.78	0.012	1.938	-0.0187	1.938	0.0145	2.257	0.0251	2.251	0.0404	2.822	-0.032	4.113	-0.0407	4.963	0.0644	4.963	0.0611
16.287	0.489	0.0048	0.951	0.0162	1.551	0.0171	2.237	0.0269	2.511	0.0331	2.439	0.0407	3.493	0.0261	3.703	0.0407	4.963	0.0513	4.963	0.0313
16.288	0.419	-0.0042	1.18	0.016	1.718	-0.0191	1.824	-0.0196	2.713	0.0439	2.985	0.0493	2.808	0.0254	3.29	-0.038	4.963	-0.042	4.963	0.0629
16.289	0.37	-0.0039	1.189	0.0003	1.542	0.0154	1.62	-0.019	2.039	0.0298	3.49	0.0469	3.281	0.0511	3.011	-0.0196	4.963	-0.0459	4.963	0.0031
16.290	0.342	-0.0024	1.082	-0.0007	1.375	0.0154	1.468	0.0102	2.041	0.024	3.734	0.0506	3.889	0.0267	3.018	0.0183	4.963	-0.0482	4.963	0.0484
16.291	0.301	0.0031	0.979	-0.009	1.22	0.0138	1.491	0.0203	2.738	0.0264	3.533	0.0393	4.348	0.0467	3.493	0.0503	4.963	0.0503	4.963	0.0303
16.292	0.42	0.0088	0.886	-0.009	1.134	0.0127	1.496	0.0085	2.745	0.0241	3.537	-0.0272	4.359	0.0339	3.468	0.0456	4.963	-0.0507	4.963	0.0484
16.293	0.347	0.0037	0.969	-0.009	1.222	0.0142	1.496	0.0085	2.745	0.0241	3.537	-0.0272	4.359	0.0339	3.468	0.0456	4.963	-0.0507	4.963	0.0484
16.294	0.42	0.012	0.765	-0.0087	1.207	0.0121	2.073	0.0248	2.548	0.0244	2.877	0.0299	3.204	0.0315	4.161	0.0517	4.451	0.0512	4.963	-0.0489
16.295	0.529	0.0112	0.773	-0.0087	1.206	0.0121	2.073	0.0248	2.548	0.0244	2.877	0.0299	3.204	0.0315	4.161	0.0517	4.451	0.0512	4.963	-0.0489
16.296	0.532	0.0045	0.775	0.0121	1.933	0.0148	1.94	0.0175	2.241	0.0248	2.241	0.0203	2.557	0.0309	3.179	0.0373	4.321	0.0511	4.963	0.0203
16.297	0.421	0.0042	0.967	0.0162	1.493	0.0142	1.888	0.0171	2.307	0.0243	2.499	0.0303	3.234	0.0307	4.161	0.0487	4.451	0.0482	4.963	0.0301
16.298	0.419	-0.0042	1.13	0.0163	1.713	-0.0191	1.821	0.0165	2.291	0.0265	2.793	0.0251	3.463	0.0463	3.204	-0.039	4.963	-0.042	4.963	0.0629
16.299	0.381	-0.0039	1.179	0.0003	1.542	0.0154	1.62	-0.019	2.039	0.0298	3.49	0.0469	3.281	0.0511	3.011	-0.0196	4.963	-0.0459	4.963	0.0031
16.300	0.342	-0.0024	1.082	-0.0007	1.375	0.0154	1.467	0.0102	2.041	0.024	3.734	0.0506	3.889	0.0267	3.018	0.0183	4.963	-0.0482	4.963	0.0484
16.301	0.341	0.0031	0.979	-0.009	1.23	0.0138	1.491	0.0203	2.735	0.0264	3.542	0.0393	4.348	0.0467	3.493	0.0503	4.963	0.0503	4.963	0.0303
16.302	0.417	0.0085	0.877	-0.0093	1.135	0.0121	1.719	0.0083	2.469	0.0247	3.2	-0.0302	4.328	0.0317	4.144	0.0517	4.451	0.0507	4.963	0.0484
16.303	0.52	0.0109	0.779	-0.0087	1.21	0.0121	2.065	0.0248	2.548	0.0244	2.872	0.0299	3.204	0.0315	4.161	0.0516	4.451	0.0516	4.963	0.0484
16.304	0.537	0.0033	0.884	0.0009	1.432	0.0121	1.726	0.0084	2.459	0.0247	3.204	-0.0201	3.176	0.0359	4.572	0.0319	3.885	0.0209	4.963	0.0209
16.305	0.573	0.0033	0.68	0.0022	1.726	0.0234	2.459	-0.0201	1.816	0.0069	2.267	0.0211	3.176	0.0359	4.572	0.0319	3.885	0.0209	4.963	0.0209
16.306	0.521	-0.0045	0.773	0.0121	1.936	0.0121	2.031	0.0245	2.511	0.0247	2.911	0.0205	3.243	0.0315	4.161	0.0517	4.451	0.0517	4.963	0.0484
16.307	0.489	0.0048	0.949	0.0162	1.492	0.0142	1.888	0.0181	2.307	0.0243	2.499	0.0303	3.234	0.0307	4.161	0.0487	4.451	0.0482	4.963	0.0301
16.308	0.419	-0.0042	1.13	0.0163	1.713	-0.0191	1.821	0.0165	2.291	0.0265	2.793	0.0251	3.463	0.0463	3.204	-0.039	4.963	-0.042	4.963	0.0629
16.309	0.371	-0.0039	1.189	0.0006	1.542	0.0154	1.62	-0.019	2.039	0.0298	3.49	0.0469	3.281	0.0511	3.011	-0.0196	4.963	-0.0459</td		

16.463	0.404	0.079	0.903	-0.009	1.134	0.0042	1.681	0.029	2.53	-0.0347	3.261	-0.0299	4.383	0.0072	3.971	0.0836	3.919	0.0338	4.463	-0.057
16.463	0.506	0.016	0.804	-0.009	1.201	0.0115	1.996	0.0342	2.292	-0.0244	2.923	-0.0302	4.016	0.0956	4.631	0.022	4.445	-0.0486	4.445	-0.057
16.464	0.594	0.073	0.712	-0.0075	1.421	0.0242	2.344	0.0395	2.968	-0.0235	2.6	-0.0299	3.63	0.0365	4.946	0.016	3.752	0.0435	3.803	-0.0223
16.465	0.533	0.073	0.875	-0.009	1.713	0.0239	2.473	0.0204	2.521	-0.0211	2.231	-0.0233	3.245	0.0265	4.459	0.019	4.419	0.0262	3.93	0.0224
16.466	0.53	-0.039	0.744	0.01	1.933	0.0157	2.296	0.0181	1.888	0.0237	2.238	0.0033	2.88	0.0235	4.253	-0.0407	4.963	0.0704	4.447	0.0262
16.467	0.478	-0.0045	0.903	0.0173	1.898	0.0105	2.083	-0.0196	2.18	0.0373	2.454	0.0287	2.654	0.0136	3.818	-0.0407	4.963	0.0296	4.963	0.081
16.468	0.427	-0.042	1.094	0.0142	1.865	0.0142	1.865	0.0105	2.045	0.0215	2.05	0.0405	2.605	0.0474	2.757	0.0167	3.14	-0.0365	4.963	0.0271
16.469	0.378	-0.042	1.103	0.0149	1.551	0.0121	1.551	0.0103	2.053	0.0203	2.053	0.0311	3.411	0.0493	3.159	0.0241	4.963	0.0296	4.963	0.081
16.470	0.34	-0.024	1.121	0.0081	1.384	0.0151	1.486	0.0113	1.508	0.0204	1.508	0.0364	3.068	0.0543	3.404	0.0241	4.963	0.0296	4.963	0.081
16.471	0.342	0.0024	1.016	-0.009	1.227	0.0142	1.474	0.0049	2.912	-0.0228	3.587	0.0261	4.309	0.0408	3.343	0.0465	4.963	0.0241	4.963	-0.057
16.472	0.459	0.0085	0.913	-0.009	1.137	0.0113	1.585	0.0204	2.529	0.0231	3.251	0.0303	4.398	0.0536	3.537	0.0241	4.963	0.0296	4.963	0.081
16.473	0.512	0.0109	0.813	-0.009	1.199	0.0112	2	0.0342	2.27	-0.0247	2.923	-0.0292	4.627	0.0347	4.211	0.0599	3.421	0.0215	4.134	0.0483
16.474	0.604	0.076	0.7078	0.017	1.416	0.0242	2.346	0.0305	2.014	0.0235	2.6	-0.0299	3.635	0.0362	4.949	0.0167	3.75	0.0432	3.793	0.0223
16.475	0.503	0.073	0.875	-0.009	1.107	0.0244	2.471	0.0204	2.504	0.0211	2.3	-0.0235	3.245	0.0365	4.409	0.0236	4.419	0.0266	3.93	0.0224
16.476	0.541	-0.042	0.741	0.0004	1.931	0.0116	2.304	-0.0187	1.893	0.0237	2.233	0	2.898	0.0404	4.963	0.071	4.442	0.0262	4.963	0.081
16.477	0.489	-0.0045	0.895	0.0173	1.897	0.0105	2.087	-0.0196	2.185	0.0237	2.448	0.0287	2.658	0.0139	3.827	-0.041	4.963	0.0728	4.963	0.081
16.478	0.436	-0.042	1.085	0.0175	1.724	0.0151	1.87	-0.0196	2.608	0.0432	2.899	0.0475	2.76	0.02	3.408	-0.0398	4.963	0.0296	4.963	0.081
16.479	0.387	-0.042	1.102	0.0053	1.549	0.0113	1.549	0.0101	2.093	0.0205	2.452	0.0493	3.137	0.0373	3.778	0.0215	4.963	0.0296	4.963	0.081
16.480	0.378	-0.042	1.111	0.0084	1.382	0.0113	1.485	-0.0133	3.064	0.0191	3.728	0.0191	3.775	0.0205	3.055	0.0224	4.963	0.0296	4.963	0.081
16.481	0.345	0.022	1.006	-0.0087	1.226	0.0142	1.469	0.0046	2.803	0.0241	3.582	-0.025	4.301	0.0405	3.347	0.042	4.963	0.0296	4.963	0.081
16.482	0.344	0.022	1.003	-0.0081	1.223	0.0113	1.508	0.0101	2.083	0.0204	2.453	0.0493	3.137	0.0368	3.778	0.0215	4.963	0.0296	4.963	0.081
16.483	0.504	0.0109	0.805	-0.0087	1.203	0.0112	1.991	0.0342	2.294	-0.0247	2.919	-0.0302	4.615	0.0596	3.427	0.0212	4.133	0.0483	4.445	-0.057
16.484	0.594	0.073	0.714	-0.0087	1.421	0.0242	2.338	0.0305	2.006	-0.0255	2.6	-0.0299	3.625	0.0359	4.954	0.0187	3.752	0.0423	3.793	0.0226
16.485	0.541	0.045	0.747	0.0006	1.712	0.0244	2.472	0.0204	2.504	0.0217	2.34	-0.0235	3.243	0.0366	4.407	0.0227	3.941	0.0486	4.445	-0.057
16.486	0.531	-0.042	0.738	0.0007	1.932	0.0157	2.302	-0.0187	1.879	0.0231	2.233	0	2.878	0.0404	4.963	0.0704	4.442	0.0262	4.963	0.081
16.487	0.478	-0.042	0.896	0.0173	1.696	0.0108	2.084	0.0196	2.165	0.0237	2.444	0.0284	2.647	0.0142	3.819	-0.0407	4.963	0.0275	4.963	0.081
16.488	0.427	-0.042	1.087	0.0182	1.865	0.0148	1.865	0.0104	2.082	0.0405	2.804	0.0475	2.744	0.0194	3.369	0.0182	4.963	0.0275	4.963	0.081
16.489	0.379	-0.042	1.103	0.0091	1.549	0.0113	1.549	0.0109	2.093	0.0205	2.452	0.0493	3.137	0.0368	3.778	0.0215	4.963	0.0296	4.963	0.081
16.490	0.339	-0.024	1.122	-0.0081	1.382	0.0113	1.485	-0.0133	3.064	0.0191	3.728	0.0191	3.775	0.0205	3.055	0.0224	4.963	0.0296	4.963	0.081
16.491	0.341	0.022	1.014	-0.009	1.227	0.0142	1.467	0.004	2.819	-0.0225	3.597	0.0247	4.299	0.0405	3.333	0.0465	3.967	0.021	4.963	-0.057
16.492	0.442	0.003	0.903	-0.009	1.139	0.0113	1.549	0.0104	2.093	0.0205	2.452	0.0493	3.137	0.0368	3.778	0.0215	4.963	0.0296	4.963	0.081
16.493	0.509	0.0112	0.815	-0.0087	1.197	0.0112	1.999	0.0342	2.294	-0.0247	2.925	-0.0305	4.636	0.0344	4.607	0.0203	4.134	0.0483	4.445	-0.057
16.494	0.602	0.0076	0.721	-0.0081	1.415	0.0242	2.338	0.0305	2.017	0.0255	2.605	-0.0296	3.643	0.0365	4.948	0.0185	3.728	0.0423	3.795	-0.057
16.495	0.594	0.071																		

16.647	0.488	-0.0042	0.859	0.0157	1.904	-0.0099	2.134	-0.0193	2.094	0.0206	2.407	0.0248	2.473	0.0184	3.932	0.0407	4.963	0.0306	4.963	0.0813
16.648	0.434	-0.0045	1.047	0.0191	1.732	-0.0151	1.909	-0.0196	2.005	0.0423	2.336	0.0456	2.716	-0.0194	4.351	-0.0404	4.963	-0.0214	4.963	0.0612
16.649	0.386	-0.0039	1.185	0.0097	1.556	-0.0154	1.696	-0.0193	2.925	0.0366	3.359	0.0508	3.101	0.0447	3.127	-0.0332	4.963	-0.0453	4.963	-0.0012
16.650	0.344	-0.0033	1.115	-0.0009	1.53	-0.0154	1.511	-0.0194	2.343	0.0340	3.717	0.0424	3.209	0.0340	3.453	-0.0339	4.963	-0.0465	4.963	-0.0048
16.651	0.338	0.0015	1.044	-0.0003	1.232	-0.0142	1.459	0.0009	2.871	0.0232	3.636	-0.0199	4.251	0.0472	3.22	0.0338	4.963	-0.0459	4.963	-0.0511
16.652	0.392	0.0073	0.942	-0.009	1.138	0.0054	1.613	0.002	2.598	-0.0244	3.303	-0.0299	4.418	0.0204	3.78	0.0595	4.963	-0.0467	4.963	-0.0507
16.653	0.495	-0.0112	0.839	-0.0009	1.162	0.0106	1.502	0.0106	2.33	0.0265	2.971	-0.0203	4.096	0.0541	4.601	0.0202	3.405	0.0406	4.963	-0.0486
16.654	0.504	-0.0088	0.744	-0.0081	1.054	0.0209	1.298	0.0203	2.346	0.0231	3.457	-0.0261	3.703	0.0296	3.696	0.0265	4.963	0.0211	4.963	0.0211
16.655	0.602	-0.0021	0.681	-0.0036	1.695	0.0287	2.475	0.0103	1.861	-0.0157	2.355	-0.0256	3.319	0.0365	4.822	-0.0247	4.243	0.0653	3.902	0.0239
16.656	0.55	-0.0042	0.540	0.0157	1.503	0.0209	1.373	0.0203	2.308	0.0203	2.401	0.0243	3.344	0.0367	4.963	0.0274	4.463	0.0652	4.963	0.0652
16.657	0.407	-0.0042	0.540	0.0157	1.503	0.0209	1.373	0.0203	2.308	0.0203	2.401	0.0243	3.344	0.0367	4.963	0.0274	4.463	0.0652	4.963	0.0652
16.658	0.444	-0.0042	1.037	0.0188	1.73	-0.0151	1.913	-0.0196	2.505	0.0423	2.825	0.0459	2.721	0.0142	3.504	-0.0401	4.963	0.0205	4.963	0.0599
16.659	0.396	-0.0042	1.175	0.0154	1.555	-0.0151	1.913	-0.0196	2.505	0.0423	2.825	0.0459	2.721	0.0142	3.504	-0.0401	4.963	0.0205	4.963	0.0599
16.660	0.345	-0.0042	1.139	-0.0172	1.569	0.0154	1.454	0.0107	2.347	0.0249	3.049	0.0349	3.717	0.0242	2.467	0.0339	4.963	0.0242	4.963	0.0548
16.661	0.341	0.0009	1.034	-0.0087	1.232	-0.0142	1.454	0.0003	2.865	0.0232	3.531	-0.0194	4.239	0.0469	3.223	0.0327	4.963	0.0464	4.963	0.0511
16.662	0.391	0.0073	0.932	-0.009	1.139	0.0051	1.608	0.0197	2.589	-0.0234	3.298	-0.0293	4.403	0.0222	3.775	0.0592	4.963	0.0398	4.963	0.0507
16.663	0.489	0.0103	0.831	-0.0087	1.196	0.0109	1.916	0.0327	2.322	0.0245	2.968	-0.0205	4.083	0.0338	4.462	0.0644	3.414	0.0584	4.963	0.0484
16.664	0.554	-0.0038	0.738	-0.0084	1.41	0.0209	1.273	0.0203	2.382	0.0241	3.545	0.0309	3.591	0.0365	4.963	0.0231	4.963	0.0231	4.963	0.0231
16.665	0.59	-0.0027	0.675	-0.003	1.699	0.0287	2.47	0.0109	1.852	-0.0183	2.353	-0.0259	3.307	0.0368	4.812	-0.0244	4.241	0.0644	3.9	0.024
16.666	0.539	-0.0039	0.711	0.007	1.926	0.0163	2.348	0.0207	1.84	0.0172	2.298	0.0242	3.234	0.0365	4.822	0.0247	4.243	0.0653	3.902	0.0239
16.667	0.443	-0.0042	1.039	0.0188	1.73	-0.0151	1.91	-0.0196	2.489	0.0423	2.823	0.0459	2.704	0.0247	3.513	-0.0401	4.963	0.0205	4.963	0.0602
16.669	0.386	-0.0042	1.182	0.0103	1.555	0.0154	1.697	-0.0193	2.915	0.0369	3.38	0.0508	3.086	0.0447	3.127	-0.0338	4.963	0.0453	4.963	0.0612
16.671	0.344	-0.0042	1.15	-0.0077	1.388	0.0154	1.518	0.0154	2.374	0.0205	3.05	0.0508	3.711	0.0248	2.676	0.035	4.963	0.0465	4.963	0.0613
16.672	0.391	0.0076	0.943	-0.0093	1.134	0.0054	1.608	0.0203	2.598	-0.0247	3.05	0.0296	4.416	0.0331	3.756	0.0598	4.963	0.0398	4.963	0.0507
16.673	0.491	0.0103	0.842	-0.0087	1.189	0.0106	1.916	0.0327	2.338	0.0247	2.978	0.0202	4.101	0.0338	4.416	0.0644	3.413	0.0583	4.963	0.0484
16.674	0.539	-0.0038	0.744	-0.0084	1.298	0.0204	1.691	0.0203	2.472	0.0219	3.512	0.0329	3.233	0.0327	3.591	0.0323	4.963	0.0323	4.963	0.0323
16.675	0.601	-0.0024	0.68	-0.0036	1.691	0.0287	2.472	0.0109	1.862	0.0196	2.359	-0.0259	3.304	0.0358	4.834	0.0228	4.22	0.065	3.903	0.0205
16.676	0.541	-0.0042	0.711	0.0064	1.928	0.0163	1.528	0.0169	2.356	0.0205	3.233	0.0365	3.905	0.0344	4.462	0.0644	3.413	0.0583	4.963	0.0485
16.677	0.441	-0.0042	1.12	-0.0157	1.507	0.0205	1.507	0.0109	2.345	0.0205	3.247	0.0367	3.841	0.0341	4.463	0.0645	3.413	0.0583	4.963	0.0485
16.678	0.444	-0.0042	1.029	0.0188	1.73	-0.0151	1.915	-0.0196	2.493	0.0427	2.817	0.0458	2.716	0.0133	3.535	-0.0404	4.963	0.0205	4.963	0.0599
16.679	0.396	-0.0042	1.175	0.0108	1.555	0.0154	1.702	-0.0196	2.916	0.0372	3.345	0.0508	3.092	0.0447	3.147	-0.0338	4.963	0.0453	4.963	0.0612
16.680	0.352	-0.003	1.145	-0.009	1.233	0.0205	1.518	0.0157	2.345	0.0205	3.247	0.0367	3.711	0.0248	2.676	0.035	4.963	0.0464	4.963	0.0613
16.681	0.351	-0.003	1.047	-0.009	1.233	0.0205	1.518	0.0157	2.345	0.0205	3.247	0.0367	3.711	0.0248	2.676	0.035</td				

16.832	0.381	0.0084	0.97	-0.009	1.139	-0.0083	1.568	0.0167	2.658	-0.0344	3.351	-0.0203	4.428	0.0109	3.607	0.0544	3.693	0.0432	4.415	-0.0507
16.833	0.474	0.0106	0.866	-0.0093	1.189	0.01	1.855	0.0311	2.144	-0.0205	3.02	-0.0035	4.162	0.0329	4.278	0.0665	3.413	0.0169	4.105	-0.0477
16.834	0.582	0.0097	0.767	-0.0087	1.393	0.0233	1.351	0.0209	1.871	-0.0165	2.394	-0.0211	3.77	-0.0299	3.059	0.0441	3.547	0.0201	3.788	-0.0202
16.835	0.411	0.0093	0.691	-0.007	1.554	0.0239	1.543	0.0203	1.871	-0.0165	2.394	-0.0211	4.055	-0.0205	4.033	0.0309	3.915	0.0203	3.929	-0.0203
16.836	0.559	-0.0042	0.604	0.004	1.92	0.0175	2.304	0.0154	1.833	0.0012	2.23	-0.0031	3.006	-0.0205	4.502	-0.0395	4.834	0.0747	4.486	0.0641
16.837	0.507	-0.0042	0.805	0.0133	1.911	0.0081	2.172	-0.0196	2.024	0.0245	2.359	-0.0206	2.707	-0.0229	4.502	-0.0407	4.963	0.0652	4.963	0.0819
16.838	0.454	-0.0042	0.965	0.0168	1.739	0.0154	1.955	0.0206	2.405	0.0069	2.75	0.0453	2.69	-0.0207	3.657	-0.0407	4.963	0.0652	4.963	0.0508
16.839	0.454	-0.0042	1.153	0.0133	1.668	0.0151	1.745	0.0206	2.341	0.0069	2.728	0.0201	3.221	-0.0207	3.229	-0.0207	4.503	0.0747	4.503	0.0508
16.840	0.358	-0.0036	1.168	-0.0033	1.396	0.0157	1.544	0.0203	1.727	0.0172	2.073	0.0206	3.073	0.0206	3.583	0.0206	3.292	-0.0207	4.503	0.0747
16.841	0.34	-0.0036	1.051	-0.0037	1.239	0.0145	1.452	0.0203	1.561	0.0167	2.304	-0.0214	3.674	-0.0213	4.169	-0.0462	4.963	0.0652	4.963	-0.0507
16.842	0.38	0.0051	1.238	-0.0039	1.14	0.0146	1.583	0.0203	2.651	0.0201	3.345	-0.0201	4.413	-0.0205	3.758	0.0201	4.151	0.0501	4.151	0.0501
16.843	0.469	0.0103	0.859	-0.009	1.192	0.0103	1.849	0.0311	2.383	-0.0247	3.016	-0.0302	4.152	-0.0208	4.267	0.0459	3.425	0.0201	4.102	-0.0477
16.844	0.573	0.0094	0.761	-0.0084	1.396	0.0233	1.351	0.0209	2.211	0.0248	2.645	0.0204	2.691	-0.0302	3.757	-0.0309	4.048	0.0458	3.55	0.0201
16.845	0.569	0.0043	0.846	-0.004	1.688	0.0243	1.467	0.0207	1.869	0.0119	2.307	0.0201	3.23	-0.0203	3.373	-0.0207	4.406	0.0506	3.944	0.0201
16.846	0.547	-0.0042	0.692	0.0043	1.922	0.0173	2.396	0.0151	1.82	0.0003	2.227	-0.0034	2.998	-0.0202	4.406	-0.0302	4.823	0.0747	4.486	0.0641
16.847	0.496	-0.0042	0.805	0.0142	1.911	0.0081	2.172	-0.0196	2.024	0.0245	2.354	0.0205	2.696	-0.0229	4.056	-0.0401	4.963	0.0652	4.963	0.0819
16.848	0.443	-0.0045	0.969	0.0188	1.737	0.0151	1.952	-0.0196	2.04	0.0245	2.747	0.0206	2.673	-0.0229	3.629	-0.0407	4.963	0.0652	4.963	0.0508
16.849	0.394	0.0043	1.158	0.0142	1.568	0.0203	1.745	0.0206	2.326	0.0148	2.698	0.0201	3.204	-0.0209	3.212	-0.0209	4.503	0.0747	4.503	0.0508
16.850	0.35	-0.0033	1.178	-0.0033	1.395	0.0154	1.542	0.0203	1.727	0.0172	2.077	0.0206	3.077	0.0206	3.583	0.0206	3.292	-0.0207	4.503	0.0747
16.851	0.355	0.0036	1.073	-0.0087	1.238	0.0145	1.452	0.0203	1.568	0.0167	2.308	0.0201	3.682	-0.0211	4.162	0.0224	3.507	0.0204	4.158	0.0459
16.852	0.379	0.0037	0.971	-0.0037	1.237	0.0145	1.452	0.0203	1.568	0.0167	2.308	0.0201	3.682	-0.0211	4.162	0.0224	3.507	0.0204	4.158	0.0459
16.853	0.473	0.0103	0.868	-0.009	1.185	0.01	1.847	0.0311	2.396	-0.0247	3.025	-0.0302	4.253	0.0223	4.168	0.0458	3.405	0.0201	4.104	-0.0478
16.854	0.579	0.01	0.768	-0.0087	1.389	0.0233	2.21	0.0351	1.513	-0.0244	2.701	-0.0302	3.775	-0.0309	4.254	0.0229	3.509	0.0201	3.785	-0.0476
16.855	0.611	0.0044	0.691	0.0104	1.681	0.0145	1.452	0.0203	1.568	0.0167	2.308	-0.0204	3.357	-0.0309	4.254	0.0229	3.915	0.0201	4.057	-0.0477
16.856	0.559	-0.0036	0.951	0.0104	1.519	0.0173	1.452	0.0203	1.568	0.0167	2.308	-0.0204	3.357	-0.0309	4.254	0.0229	3.915	0.0201	4.057	-0.0477
16.857	0.507	-0.0042	0.801	0.0133	1.911	0.0078	2.105	0.0245	2.354	0.0206	2.708	0.0232	4.079	-0.0407	4.963	0.0653	4.963	0.0819		
16.858	0.452	-0.0042	0.797	0.0145	1.737	0.0151	1.955	0.0206	2.405	0.0245	2.744	0.0206	2.682	-0.0407	4.963	0.0653	4.963	0.0508		
16.859	0.403	0.0043	1.152	0.0145	1.568	0.0203	1.745	0.0206	2.326	0.0148	2.698	0.0201	3.209	-0.0209	3.242	-0.0209	4.503	0.0747	4.503	0.0508
16.860	0.367	-0.0033	1.178	0.0145	1.568	0.0203	1.745	0.0206	2.326	0.0148	2.698	0.0201	3.209	-0.0209	3.242	-0.0209	4.503	0.0747	4.503	0.0508
16.861	0.357	-0.0033	1.173	-0.003	1.396	0.0157	1.546	0.0203	1.727	0.0172	2.077	0.0206	3.078	0.0206	3.583	0.0206	3.292	-0.0207	4.503	0.0747
16.862	0.379	0.0033	1.074	-0.0084	1.243	0.0145	1.452	0.0203	1.568	0.0167	2.308	0.0201	3.682	-0.0211	4.162	0.0224	3.507	0.0204	4.158	0.0459
16.863	0.467	0.01	0.865	-0.009	1.191	0.01	1.84	0.0311	2.396	-0.0247	3.025	-0.0305	4.167	0.0228	4.249	0.0458	3.426	0.0201	4.109	-0.0478
16.864	0.572	0.01	0.766	-0.0087	1.395	0.0233	2.204	0.0348	2.134	0.0241	2.705	-0.0209	3.775	-0.0306	4.821	0.0458	3.541	0.0201	3.791	-0.0477

17.017	0.615	-0.0045	0.766	0.0113	1.914	-0.0072	2.218	-0.019	1.96	0.0197	2.319	0.0167	2.742	0.0366	4.183	0.0407	4.963	0.0617	4.963	0.0881
17.018	0.462	-0.0042	0.932	0.0179	1.743	-0.0148	1.997	-0.0202	2.309	0.0372	2.682	0.0402	2.666	0.0204	3.751	-0.0407	4.963	0.0205	4.963	0.0562
17.019	0.411	-0.0045	1.117	0.0167	1.572	-0.0157	1.784	-0.0196	2.744	0.0426	3.2	0.0514	2.941	0.0351	3.338	-0.0392	4.963	0.0429	4.963	0.0606
17.020	0.584	-0.0046	1.036	0.0115	1.601	-0.0144	1.553	-0.0194	2.582	0.0242	3.643	0.0301	3.479	0.0282	3.325	0.0233	4.771	-0.0402	4.963	0.0348
17.021	0.339	-0.0029	1.091	-0.0029	1.243	-0.0146	1.456	-0.0069	2.992	0.0163	3.705	-0.0056	4.081	0.0566	3.044	0.0113	4.282	0.0404	4.963	0.0567
17.022	0.369	0.0052	0.988	-0.0029	1.14	-0.006	1.523	0.0124	2.713	-0.0244	3.396	-0.0203	4.405	0.0185	3.444	0.0072	4.063	0.0453	4.963	0.0567
17.023	0.443	-0.0027	0.884	-0.0029	1.185	-0.0069	1.185	0.0101	2.091	0.0129	2.444	-0.0204	3.066	-0.0203	4.215	0.0205	4.005	0.0247	4.963	0.0567
17.024	0.559	-0.0043	1.003	-0.0029	1.234	-0.0123	1.354	0.0123	2.141	-0.0204	3.254	-0.0203	3.745	-0.0203	3.339	0.0145	3.781	0.0211	4.963	0.0567
17.025	0.602	-0.0015	0.699	-0.0029	1.674	-0.0294	2.431	-0.0218	1.936	-0.0217	2.431	-0.0284	3.436	-0.0282	4.937	0.0073	3.934	0.0532	4.963	0.0578
17.026	0.556	-0.0039	0.769	-0.0029	1.674	-0.0148	2.033	-0.0199	2.298	0.0372	2.674	0.0405	2.958	-0.0156	4.849	0.0212	4.521	0.0275	4.963	0.0563
17.027	0.504	-0.0029	0.763	-0.0018	1.713	-0.0123	1.813	-0.0207	2.151	-0.0207	2.211	-0.0283	3.471	-0.0282	4.731	-0.0283	4.963	0.0532	4.963	0.0567
17.028	0.452	-0.0042	0.935	0.0179	1.742	-0.0148	1.996	-0.0196	2.29	0.0375	2.679	0.0405	2.652	0.0219	3.746	-0.0407	4.963	0.0205	4.963	0.0562
17.029	0.402	-0.0042	1.122	0.0173	1.569	-0.0145	1.569	0.0157	1.782	0.0202	2.732	0.0404	3.194	0.0514	2.941	0.0351	3.208	0.0429	4.963	0.0206
17.030	0.537	-0.0028	1.193	0.0022	1.599	-0.0143	1.599	0.0143	1.847	0.0207	2.367	0.0341	3.645	0.0303	3.497	0.0282	4.795	0.0249	4.963	0.0567
17.031	0.333	-0.0023	1.104	-0.0081	1.242	-0.0146	1.453	-0.0069	3.002	0.0154	3.708	-0.0037	4.075	0.0205	3.026	0.0124	4.207	0.0465	4.963	0.0567
17.032	0.367	-0.0023	1.104	-0.0029	1.135	-0.0063	1.521	0.0124	2.725	-0.0241	3.402	-0.0209	4.415	0.0197	3.423	0.0472	3.795	-0.0447	4.962	0.0561
17.033	0.455	0.0103	0.986	-0.0029	1.176	-0.0123	1.781	-0.0207	2.465	0.0245	3.029	-0.0244	4.233	0.0209	4.062	0.0653	3.442	0.0259	4.963	0.0567
17.034	0.564	-0.0023	1.103	-0.0029	1.176	-0.0123	1.781	-0.0207	2.465	0.0245	3.029	-0.0244	4.233	0.0209	3.442	0.0465	3.795	0.0245	4.963	0.0567
17.035	0.613	-0.0022	0.707	-0.0072	1.698	0.0287	2.431	-0.0224	1.945	-0.0214	2.436	-0.0284	3.454	-0.0289	3.009	0.0053	3.911	0.0532	4.963	0.0578
17.036	0.566	-0.0042	0.681	0.0003	1.91	-0.0196	1.781	-0.0207	2.436	0.0227	1.945	-0.0214	2.436	-0.0284	3.454	-0.0289	3.009	0.0053	3.911	0.0532
17.037	0.455	-0.0022	1.075	-0.0029	1.672	-0.0123	1.782	-0.0207	2.436	0.0227	1.945	-0.0214	2.436	-0.0284	3.454	-0.0289	3.009	0.0053	3.911	0.0532
17.038	0.569	-0.0042	0.678	0.0003	1.908	-0.0188	1.781	-0.0207	2.436	0.0227	1.945	-0.0214	2.436	-0.0284	3.454	-0.0289	3.009	0.0053	3.911	0.0532
17.039	0.604	-0.0042	1.103	0.0173	1.569	-0.0157	1.747	-0.0148	2.096	-0.0196	2.717	0.0372	2.675	0.0402	2.66	0.0215	4.963	0.0203	4.963	0.0559
17.040	0.405	-0.0042	1.118	0.0173	1.574	-0.0157	1.788	-0.0196	2.733	0.0422	3.19	0.0517	2.929	0.0345	3.349	-0.0398	4.963	0.0203	4.963	0.0563
17.041	0.411	-0.0042	1.114	0.0173	1.574	-0.0157	1.788	-0.0196	2.733	0.0422	3.19	0.0517	2.929	0.0345	3.349	-0.0398	4.963	0.0203	4.963	0.0563
17.042	0.544	-0.0042	1.187	0.0157	1.569	-0.0184	1.567	-0.0207	2.403	0.0354	3.045	0.0509	2.665	0.0221	3.467	0.0222	4.782	0.0469	4.963	0.0563
17.043	0.338	-0.0028	1.099	-0.0021	1.545	-0.0145	1.545	0.0154	1.782	0.0202	2.732	0.0348	3.045	0.0509	2.665	0.0221	3.467	0.0222	4.963	0.0563
17.044	0.402	-0.0042	1.122	0.0173	1.569	-0.0157	1.569	-0.0207	2.403	0.0354	3.045	0.0509	2.665	0.0221	3.467	0.0222	4.782	0.0469	4.963	0.0563
17.045	0.367	0.0052	0.995	-0.0029	1.14	-0.0063	1.522	-0.0121	2.73	-0.0241	3.409	-0.0209	4.416	0.02	3.426	0.0447	4.961	0.0202	4.963	0.0561
17.046	0.455	-0.0028	0.887	0.0003	1.51	-0.0063	1.512	-0.0121	2.73	-0.0241	3.409	-0.0209	4.416	0.02	3.426	0.0447	4.961	0.0202	4.963	0.0561
17.047	0.521	-0.0028	1.091	-0.0029	1.574	-0.0121	1.574	-0.0121	2.73	-0.0241	3.409	-0.0209	4.416	0.02	3.426	0.0447	4.961	0.0202	4.963	0.0561
17.048	0.455	-0.0042	1.091	0.0173	1.569	-0.0157	1.569	-0.0207	2.403	0.0354	3.045	0.0509	2.665	0.0221	3.467	0.0222	4.782	0.0469	4.963	0.0563
17.049	0.454	-0.0042	1.091	0.0173	1.569	-0.0157	1.569	-0.0207	2.403	0.0354	3.045	0.0509	2.665	0.0221	3.467</					

17.203	0.359	0.046	1.016	-0.009	1.143	0.006	1.496	0.008	2.774	0.034	3.446	-0.028	4.386	0.036	3.3	0.038	3.914	0.0456	4.668	-0.057
17.203	0.437		0.912	-0.009	1.18		2.026	0.027	3.115	0.032	4.282	0.028	3.801	0.0617	3.512		4.063		4.063	
17.204	0.541		0.814	-0.009	1.376		2.072	0.031	3.239	0.044	3.885	0.036	3.682	0.062	3.44	0.0499	3.775		3.775	
17.205	0.524		0.817	-0.001	1.72		2.030	0.024	3.085	0.032	2.475	0.033	4.361	0.022	3.707	0.0460	3.544		3.544	
17.206	0.565	-0.003	0.674	0.018	1.909	0.014	2.46	0.024	1.822	0.0099	2.25	-0.0157	3.12	0.036	4.734	-0.038	4.473	0.0701	4.55	0.0688
17.207	0.513	-0.004	0.728	0.008	1.92	-0.006	2.256	-0.019	1.892	0.0142	2.284	0.0118	2.773	0.0299	4.206	-0.0401	4.963	0.088	4.963	
17.208	0.46	-0.042	0.667	0.017	1.751	0.0148	2.241	0.017	2.069	0.0045	2.609	0.0378	2.638	0.036	4.361	0.0441	4.963	0.0524	4.963	
17.209	0.441	-0.004	1.073	0.0151	1.773	0.0127	2.032	0.015	2.045	0.0155	3.115	0.0268	2.457	0.0305	3.444	0.0368	4.963	0.0395	4.963	
17.21	0.363	-0.003	1.192	0.0073	1.41	0.0151	1.819	0.0187	3.009	0.0293	3.596	0.0402	3.361	0.0541	3.074	0.0302	4.963	0.0499	4.963	-0.049
17.211	0.334	-0.0012	1.132	-0.0081	1.249	0.0145	1.468	-0.0102	3.015	0.0006	3.752	0.0211	3.077	0.0015	4.286	0.0465	4.963	0.0512	4.963	
17.212	0.358		1.028	-0.009	1.139	0.0193	1.402	0.0038	2.739	0.0181	3.458	0.0287	3.278	0.0184	3.53	0.0453	4.473	0.0507	4.473	
17.213	0.438	0.0094	0.923	-0.009	1.173	0.0085	1.723	0.0203	2.518	0.0325	3.122	-0.0302	4.3	0.0229	3.867	0.0623	3.497	0.0329	4.063	
17.214	0.547	0.012	0.825	-0.009	1.367	0.0227	2.07	0.0351	2.51	0.025	2.799	0.0353	4.55	0.0629	3.417	0.0468	3.778	0.0213	3.778	
17.215	0.413	-0.007	0.757	0.001	1.655	0.0207	2.306	0.0261	1.969	0.0265	2.451	0.0320	3.118	0.0359	4.377	0.0329	4.455	0.0306	4.455	
17.216	0.577	-0.003	0.678	0.0021	1.907	0.0197	2.454	0.0201	1.832	0.0098	2.253	-0.0163	3.139	0.0356	4.708	-0.0329	4.452	0.0704	4.454	0.0671
17.217	0.525	-0.0045	0.727	0.0085	1.921	0.0057	2.263	0.0202	1.899	0.0136	2.284	0.0115	2.79	0.0302	4.318	-0.0451	4.963	0.0698	4.963	0.0822
17.218	0.472	-0.0042	0.875	0.0163	1.752	0.0148	2.044	-0.0196	2.055	0.0142	2.604	0.0378	2.654	0.036	3.886	0.041	4.963	0.0524	4.963	0.0544
17.219	0.423	-0.004	1.032	0.0085	1.593	0.0165	1.58	0.0193	2.056	0.0252	2.425	0.0317	3.117	0.0359	4.285	-0.0404	4.963	0.0503	4.963	0.0503
17.220	0.373	-0.003	1.185	0.0073	1.485	0.0151	1.626	0.0187	2.058	0.0252	2.425	0.0317	3.117	0.0359	4.285	-0.0404	4.963	0.0503	4.963	0.0503
17.221	0.34	-0.0018	1.127	0.0078	1.25	0.0145	1.469	0.0108	3.009	0.0293	3.596	0.0402	3.361	0.0541	3.074	0.0302	4.963	0.0499	4.963	-0.049
17.222	0.339		1.023	0.008	1.403	0.0101	1.43	0.0187	2.059	0.0252	2.425	0.0317	3.117	0.0359	4.285	-0.0404	4.963	0.0503	4.963	
17.223	0.433	0.0091	0.918	-0.009	1.178	0.0085	1.717	0.0227	2.521	0.0325	3.13	-0.0302	4.301	0.0229	3.868	0.0614	3.519	0.0322	4.074	0.0465
17.224	0.541	0.0109	0.82	-0.009	1.374	0.0227	2.062	0.0351	2.255	0.0344	2.802	-0.0302	3.456	0.0629	3.432		3.785		3.785	
17.225	0.405	0.0043	0.726	-0.0081	1.661	0.0229	1.968	0.0272	2.392	0.0345	2.488	0.0320	3.117	0.0365	4.326	0.0209	3.958	0.0451	4.473	0.0503
17.226	0.566	0.0039	0.733	0.0021	1.951	0.0193	1.656	0.0203	2.398	0.0345	2.53	-0.0153	3.139	0.0359	4.326	0.0203	4.453	0.0465	4.453	
17.227	0.515	-0.0042	0.728	0.0085	1.526	0.0167	2.048	-0.0196	2.288	0.0115	2.789	0.0302	2.419	0.0404	3.419	0.0692	4.963	0.0518	4.963	
17.228	0.463	-0.0045	0.878	0.0148	1.757	0.0197	2.048	0.0202	2.399	0.0345	2.605	0.0309	2.65	0.0402	3.419	0.0692	4.963	0.0524	4.963	
17.229	0.413	-0.004	1.024	0.008	1.598	0.0168	1.578	0.0204	2.398	0.0345	2.53	0.0303	2.808	0.0358	3.055	0.0358	4.326	0.0209	4.453	0.0503
17.230	0.423	-0.004	1.024	0.008	1.598	0.0168	1.578	0.0204	2.398	0.0345	2.53	0.0303	2.808	0.0358	3.055	0.0358	4.326	0.0209	4.453	
17.231	0.371	-0.0042	1.182	0.0079	1.41	0.0151	1.626	0.0193	2.997	0.0303	3.585	0.0417	3.35	0.0303	3.903	0.0358	4.326	0.0209	4.453	0.0503
17.232	0.339	-0.0015	1.129	0.0075	1.248	0.0145	1.468	0.0108	2.054	0.0227	3.734	0.0207	3.965	0.0358	3.096	0.0358	4.326	0.0209	4.453	
17.233	0.485		1.024	0.008	1.41	0.0151	1.626	0.0193	2.997	0.0303	3.585	0.0417	3.35	0.0303	3.903	0.0358	4.326	0.0209	4.453	
17.234	0.432	-0.001	0.923	0.007	1.175	0.0151	1.626	0.0193	2.997	0.0303	3.585	0.0417	3.35	0.0303	3.903	0.0358	4.326	0.0209	4.453	
17.235	0.43	-0.004	0.865	0.016	1.754	0.0148	2.056	-0.0199	1.87	0.0202	2.591	0.036	2.655	0.0408	3.913	0.0358	4.326	0.0209	4.453	0.0503
17.236	0.473	-0.0042	0.865	0.016																

17.387	0.521	-0.0042	0.701	0.0058	1.926	-0.0048	2.299	-0.0184	1.851	0.0085	2.258	0.0073	2.835	-0.0317	4.422	-0.0398	4.963	0.0725	4.963	0.0819		
17.388	0.468	-0.0045	0.833	0.0151	1.757	-0.0148	2.051	-0.0199	2.111	0.0095	2.542	0.0045	2.838	-0.009	3.982	-0.0407	4.963	0.0591	4.963	0.052		
17.389	0.419	-0.0042	1.919	0.0188	1.585	-0.0154	1.864	-0.0196	2.528	0.0049	3.031	0.0049	2.799	-0.0248	4.359	-0.0407	4.963	0.0591	4.963	0.0521		
17.390	0.37	-0.0042	1.922	0.0151	1.175	-0.0121	1.417	-0.0154	1.553	0.0051	2.245	0.0054	3.533	-0.041	3.255	-0.035	4.963	0.0591	4.963	0.0542		
17.391	0.336	-0.0018	1.16	-0.0096	1.295	-0.0146	1.433	-0.0123	1.433	0.0027	3.078	0.0004	3.739	-0.0079	3.877	-0.0384	4.963	0.0591	4.963	0.0567		
17.392	0.347	-0.0037	1.056	-0.0084	1.141	-0.0075	1.47	-0.009	1.659	0.0049	2.855	-0.0229	3.503	-0.0278	4.355	-0.0351	3.161	0.029	4.963	0.0591	4.963	0.0567
17.393	0.441	-0.0042	1.068	-0.0060	1.962	-0.0060	1.169	-0.0079	1.684	0.0029	2.56	-0.0207	3.172	-0.0203	4.355	-0.0412	3.662	0.0284	3.568	0.0286	4.963	0.0542
17.394	0.527	-0.0042	1.112	0.0085	1.38	-0.0087	1.327	-0.0079	1.907	0.0042	2.343	-0.0244	3.244	-0.0203	3.771	-0.035	4.773	0.0602	3.398	0.0264	4.963	0.0542
17.395	0.611	-0.0081	0.752	-0.0084	1.643	-0.0087	2.346	-0.0038	2.054	-0.0241	2.527	-0.0293	3.581	-0.0359	4.885	-0.0375	3.966	0.0386	3.966	0.0318		
17.396	0.584	-0.0013	0.882	0.0045	1.899	-0.0042	2.026	0.0046	2.476	-0.0145	2.273	-0.0193	3.2	-0.0356	4.872	-0.0172	4.28	0.0565	4.963	0.058		
17.397	0.535	-0.0042	0.751	0.0051	1.221	-0.0042	1.863	-0.0042	2.337	0.0051	2.079	-0.0207	2.441	-0.0301	4.412	-0.0323	4.963	0.0591	4.963	0.0531		
17.398	0.48	-0.0042	0.828	0.0148	1.759	-0.0148	2.088	-0.0199	2.116	0.0033	2.539	0.0039	2.654	-0.0248	3.559	-0.0407	4.963	0.0591	4.963	0.0521		
17.399	0.428	-0.0042	1.019	0.0188	1.585	-0.0154	1.864	-0.0196	2.528	0.0049	3.031	0.0049	2.799	-0.0248	4.359	-0.0407	4.963	0.0591	4.963	0.0521		
17.400	0.337	-0.0042	1.242	0.0122	1.175	-0.0121	1.417	-0.0154	1.553	0.0051	2.435	0.0054	3.533	-0.041	3.255	-0.035	4.963	0.0591	4.963	0.0542		
17.401	0.342	-0.0024	1.169	0.0118	1.418	-0.0087	1.387	-0.0144	1.469	0.0075	2.857	-0.0229	3.509	-0.0278	4.354	-0.0351	3.271	0.0465	4.963	0.0591	4.963	0.0567
17.402	0.351	-0.0034	1.052	-0.0087	1.052	-0.0087	1.437	-0.0146	1.467	0.0043	2.037	-0.0207	3.744	-0.0085	3.877	-0.0393	4.512	0.0465	4.963	0.0591	4.963	0.0567
17.403	0.417	-0.0085	0.948	-0.009	1.174	-0.0079	1.659	-0.0049	2.855	-0.0229	3.503	-0.0278	4.355	-0.0351	3.161	0.029	4.963	0.0591	4.963	0.0567		
17.404	0.521	-0.0039	0.948	-0.009	1.303	-0.0039	1.303	-0.0039	1.303	0.0039	2.315	-0.0244	3.285	-0.0203	3.771	-0.035	4.512	0.0465	4.963	0.0591	4.963	0.0567
17.405	0.602	-0.0058	0.749	-0.0084	1.643	-0.0087	1.65	-0.0079	2.342	0.0031	2.055	-0.0241	2.533	-0.0298	3.581	-0.0368	4.881	-0.0311	3.695	0.0376	4.963	0.0511
17.406	0.577	-0.0036	0.681	-0.0045	1.904	-0.0042	2.476	-0.0046	1.851	0.0046	2.048	-0.0196	3.2	-0.0356	4.875	-0.0166	4.282	0.0562	4.963	0.0577		
17.407	0.523	-0.0042	1.222	0.0101	1.201	-0.0041	1.301	-0.0041	1.301	0.0039	2.303	-0.0244	3.264	-0.0203	3.771	-0.035	4.512	0.0465	4.963	0.0591		
17.408	0.472	-0.0042	0.83	0.0145	1.763	-0.0151	2.091	-0.0196	2.108	0.0033	2.542	-0.0339	2.649	-0.0298	4.008	-0.0407	4.963	0.0591	4.963	0.0511		
17.409	0.421	-0.0045	1.016	0.0191	1.591	-0.0154	1.875	-0.0196	2.521	0.0043	3.025	0.0049	2.649	-0.0239	4.352	-0.0404	4.963	0.0591	4.963	0.0521		
17.410	0.374	-0.0042	1.172	0.0118	1.421	-0.0141	1.421	-0.0154	1.421	0.0045	2.343	-0.0207	3.27	-0.0344	4.344	-0.0403	4.963	0.0591	4.963	0.0542		
17.411	0.338	-0.0021	1.18	0.0057	1.28	-0.0045	1.49	-0.0145	1.49	0.0045	2.045	-0.0339	3.732	-0.0203	4.351	-0.0405	4.515	0.0465	4.963	0.0591		
17.412	0.35	-0.0037	1.054	-0.009	1.145	-0.0078	1.474	-0.0043	1.665	0.0043	2.855	-0.0229	3.501	-0.0278	4.346	-0.0354	3.159	0.0458	4.963	0.0591		
17.413	0.42	-0.0085	0.953	-0.009	1.172	-0.0079	1.62	-0.0079	1.62	0.0043	2.079	-0.0229	3.167	-0.0295	4.352	-0.0351	3.591	0.0465	4.963	0.0591		
17.414	0.237	-0.0042	1.212	0.0049	1.558	-0.0039	1.558	-0.0039	1.558	0.0039	2.311	-0.0244	3.243	-0.0203	3.397	-0.035	4.505	0.0465	4.963	0.0591		
17.415	0.608	-0.0058	0.752	-0.0084	1.643	-0.0087	2.342	-0.0035	2.055	-0.0241	2.523	-0.0298	3.581	-0.0365	4.868	-0.0311	3.695	0.0318	4.963	0.0511		
17.416	0.584	-0.0033	0.681	-0.0051	1.897	-0.0048	2.477	-0.0079	1.849	0.0046	2.015	-0.0216	2.699	-0.0298	3.195	-0.0365	4.868	-0.0311	4.963	0.0511		
17.417	0.523	-0.0045	1.045	0.0045	1.558	-0.0045	1.558	-0.0045	1.558	0.0045	2.307	-0.0247	3.247	-0.0203	3.771	-0.035	4.512	0.0465	4.963	0.0591		
17.418	0.481	-0.0042	0.82	0.0145	1.754	-0.0148	2.018	-0.0196	2.104	0.0029	2.527	-0.0338	2.645	-0.0299	4.009	-0.0407	4.963	0.0591	4.963	0.0521		
17.419	0.428	-0.0042	1.0																			

17.57	0.341	0.0234	1.085	-0.0084	1.144	0.0081	1.458	0.0006	2.916	-0.023	3.553	-0.0246	4.302	0.0423	3.084	0.0186	4.115	0.0459	4.531	-0.0507
17.57	0.508	0.0085	0.982	-0.009	1.164	0.0218	1.926	0.033	2.373	-0.0247	3.223	-0.0299	4.392	0.0507	3.513	0.0511	3.657	0.0423	4.03	-0.0456
17.57	0.409	0.0233	0.779	-0.007	1.347	0.0233	2.304	0.0333	2.111	-0.0241	2.574	-0.0292	4.036	0.0344	3.065	0.0495	3.398	0.0145	3.774	-0.013
17.57	0.593	-0.0233	0.697	-0.006	1.892	0.0212	2.479	0.0104	1.885	-0.0191	2.301	-0.0223	3.258	0.0256	4.053	0.0117	3.550	0.0272	3.934	-0.0033
17.57	0.542	-0.0039	0.686	0.0022	1.932	0.0036	2.351	-0.0175	1.833	0.0022	2.239	0.0204	2.893	-0.0338	4.568	0.0158	4.057	0.017	4.616	0.0693
17.57	0.489	-0.045	0.762	0.0124	1.765	0.0148	2.13	-0.0193	2.037	0.0003	2.479	0.0200	2.605	-0.0467	4.215	0.0145	4.066	0.0096	4.059	-0.0182
17.57	0.437	0.0242	0.598	0.0162	1.555	0.0154	1.544	0.0199	2.426	0.0202	2.344	0.0447	2.754	0.0145	3.469	0.0262	4.063	0.0096	4.053	-0.0148
17.58	0.388	-0.0045	1.135	0.0157	1.425	0.0154	1.701	-0.0193	2.386	0.0399	3.468	0.0481	3.179	-0.0389	3.266	0.0447	4.963	0.0447	4.963	-0.0405
17.58	0.346	-0.0027	1.178	-0.0012	1.265	0.0148	1.514	-0.0157	3.081	0.0115	0.015	0.015	3.775	-0.0187	4.625	0.0465	4.963	0.0463	4.963	-0.0507
17.58	0.344	0.0219	1.079	0.0084	1.446	0.0208	1.488	0.0106	2.353	0.0217	3.562	0.0203	4.203	0.0173	3.014	0.0114	4.533	0.0443	4.533	-0.0501
17.58	0.402	0.0078	0.976	-0.009	1.169	0.0073	1.611	0.02	2.646	-0.0244	3.229	-0.0302	4.39	0.0347	3.517	0.0508	3.681	0.0429	4.04	-0.0456
17.58	0.502	0.0103	0.873	-0.0087	1.352	0.0218	1.928	0.033	2.374	0.0201	2.901	-0.0302	4.036	0.0344	4.174	0.0507	3.784	0.0151	3.784	-0.013
17.58	0.546	0.0236	0.774	-0.009	1.637	0.0248	2.363	0.0143	2.163	0.0244	2.581	-0.0203	3.445	0.0265	4.715	0.0065	3.571	0.0272	3.933	-0.0033
17.58	0.584	-0.0033	0.693	-0.004	1.867	0.0212	2.479	0.0109	1.867	0.0187	2.307	0.022	3.258	0.0003	4.932	0.0607	4.625	0.0463	4.616	0.0693
17.58	0.533	-0.0039	0.686	0.0027	1.937	0.0104	2.354	0.0109	1.832	0.0019	2.245	0.0204	2.893	-0.0338	4.568	0.0173	4.073	0.0143	4.963	0.0813
17.58	0.481	-0.0042	0.765	0.0113	1.77	0.0148	2.136	-0.0193	2.018	0.0248	2.477	0.0290	2.669	-0.0407	4.211	0.0145	4.066	0.0096	4.059	0.0463
17.58	0.439	0.0245	0.595	0.0105	1.505	0.0219	1.501	0.0205	2.425	0.0245	2.308	0.0445	2.743	0.0145	3.781	0.0245	3.934	0.0245	4.074	-0.0154
17.58	0.381	-0.0042	1.131	0.0157	1.422	0.0154	1.703	-0.0196	2.847	0.0399	3.456	0.0487	3.166	-0.0389	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17.58	0.341	-0.0024	1.184	0.018	1.268	0.0148	1.519	-0.0157	3.074	0.0121	0.015	0.015	3.768	-0.0147	4.963	0.0447	4.963	0.0442	4.963	-0.0405
17																				

17.75	0.55	-0.0042	0.678	-0.0006	1.933	-0.0024	2.394	-0.0157	1.822	-0.0033	2.233	-0.0021	2.948	-0.0347	4.494	-0.0365	4.691	-0.074	4.963	-0.0816
17.76	0.498	-0.0042	0.746	0.01	1.772	-0.0148	2.171	-0.0196	1.965	-0.0209	2.428	-0.0269	2.681	-0.0187	4.255	-0.0404	4.963	-0.0595	4.963	-0.0484
17.76	0.445	-0.0042	0.903	0.017	1.801	-0.0157	2.156	-0.0196	2.321	-0.0208	2.867	-0.0469	2.716	-0.0136	3.82	-0.041	4.963	-0.0565	4.963	-0.0578
17.76	0.397	-0.0042	1.242	0.019	1.902	-0.0179	1.423	-0.0214	2.159	-0.0243	2.739	-0.0302	3.398	-0.0444	3.42	-0.0398	4.963	-0.0493	4.963	-0.0496
17.76	0.392	-0.0033	1.187	-0.0046	1.27	-0.0151	1.544	-0.0172	2.08	-0.02	3.726	-0.0212	3.681	-0.0562	3.07	-0.0209	4.74	-0.0469	4.963	-0.051
17.76	0.341	-0.0009	1.11	-0.0081	1.149	-0.0084	1.454	-0.0033	1.962	-0.0178	3.614	-0.0232	4.243	-0.0478	3.019	-0.0073	4.249	-0.0465	4.963	-0.0507
17.76	0.387	-0.007	1.005	-0.0009	1.143	-0.0044	1.568	-0.017	1.607	-0.0201	3.281	-0.0203	4.413	-0.0441	3.015	-0.0043	3.779	-0.0447	4.963	-0.0501
17.76	0.489	-0.0042	1.003	-0.0009	1.341	-0.0151	1.589	-0.0171	2.343	-0.0205	3.248	-0.0202	3.648	-0.0213	3.043	-0.0043	3.782	-0.0445	4.963	-0.0508
17.76	0.582	-0.0088	0.804	-0.009	1.622	-0.0281	2.221	-0.0351	2.172	-0.0244	2.628	-0.0302	3.706	-0.0362	4.843	-0.0592	3.495	-0.0345	4.963	-0.0345
17.76	0.57	-0.0021	0.712	-0.0075	1.888	-0.0221	2.467	-0.0163	1.926	-0.0214	3.319	-0.0356	4.963	-0.0547	4.648	-0.0692	4.963	-0.0547		
17.76	0.443	-0.0021	0.576	-0.0003	1.239	-0.0231	1.554	-0.0215	1.85	-0.0206	2.238	-0.0201	2.448	-0.0321	4.591	-0.0337	4.963	-0.0501		
17.76	0.491	-0.0045	0.747	-0.0103	1.777	-0.0145	1.959	-0.0193	2.429	-0.0268	2.678	-0.0424	4.254	-0.0404	4.963	-0.0495	4.963	-0.0495		
17.76	0.439	-0.0042	0.907	0.017	1.804	-0.0154	1.95	-0.0196	2.744	-0.0466	2.867	-0.0467	2.712	-0.0133	3.82	-0.041	4.963	-0.0568	4.963	-0.0517
17.76	0.393	-0.0042	1.09	-0.0142	1.436	-0.0154	1.746	-0.0196	2.173	-0.0243	3.591	-0.0469	3.307	-0.0401	4.963	-0.0435	4.963	-0.0496		
17.76	0.392	-0.0012	1.191	-0.0046	1.273	-0.0148	1.545	-0.0169	2.03	-0.0203	3.72	-0.0208	3.674	-0.0562	3.005	-0.0272	4.963	-0.051	4.963	-0.0507
17.77	0.338	-0.0003	1.151	-0.0081	1.146	-0.0084	1.451	-0.0033	2.987	-0.0166	3.618	-0.0228	4.231	-0.0484	3.006	-0.0081	4.249	-0.0462	4.963	-0.0507
17.77	0.386	-0.007	1.007	-0.0007	1.161	-0.0161	1.556	-0.0167	2.712	-0.0241	3.283	-0.0290	4.415	-0.0404	3.345	-0.0277	4.963	-0.0447	4.963	-0.0507
17.77	0.394	-0.0008	1.111	-0.0081	1.146	-0.0084	1.451	-0.0033	2.987	-0.0166	3.618	-0.0228	4.231	-0.0484	3.006	-0.0081	4.249	-0.0462	4.963	-0.0507
17.77	0.388	-0.0073	1.017	-0.0009	1.162	-0.0161	1.556	-0.0172	2.712	-0.0243	3.283	-0.0290	4.415	-0.0404	3.345	-0.0277	4.963	-0.0447	4.963	-0.0507
17.77	0.394	-0.0008	1.003	-0.0009	1.237	-0.0173	1.556	-0.0171	2.424	-0.0237	2.594	-0.0200	4.108	-0.0387	3.347	-0.0241	4.737	-0.0398	4.963	-0.0508
17.77	0.589	-0.0094	0.808	-0.009	1.618	-0.0281	2.22	-0.0345	2.17	-0.0241	2.62	-0.0308	3.705	-0.0359	4.83	-0.0592	3.495	-0.0395	4.963	-0.0501
17.77	0.602	-0.0018	0.716	-0.0205	1.884	-0.0218	2.464	-0.0163	1.928	-0.0211	2.332	-0.0201	3.321	-0.0365	4.963	-0.0547	4.641	-0.0301	4.963	-0.0501
17.77	0.57	-0.0021	0.576	-0.0003	1.239	-0.0231	1.554	-0.0215	1.85	-0.0206	2.238	-0.0201	2.448	-0.0321	4.591	-0.0337	4.963	-0.0501		
17.77	0.498	-0.0048	0.74	-0.0097	1.771	-0.0145	1.952	-0.0196	2.417	-0.0268	2.674	-0.0427	4.257	-0.0404	4.963	-0.0495	4.963	-0.0495		
17.77	0.445	-0.0042	0.896	-0.0173	1.598	-0.0154	1.95	-0.0196	2.304	-0.0378	2.857	-0.0469	2.707	-0.0133	3.82	-0.0401	4.963	-0.0517	4.963	-0.0517
17.77	0.396	-0.0042	1.061	-0.0182	1.435	-0.0154	1.746	-0.0193	2.173	-0.0426	3.62	-0.0502	3.078	-0.0438	4.645	-0.0432	4.963	-0.0495	4.963	-0.0495
17.77	0.393	-0.0003	1.153	-0.0055	1.273	-0.0151	1.554	-0.0172	2.03	-0.0243	3.724	-0.0231	3.598	-0.0365	4.963	-0.0447	4.963	-0.0447		
17.77	0.392	-0.0012	1.121	-0.0081	1.15	-0.0038	1.451	-0.0033	2.987	-0.0166	3.62	-0.0223	4.232	-0.0484	3.005	-0.0055	4.249	-0.0462	4.963	-0.0507
17.77	0.387	-0.0007	1.017	-0.0081	1.16	-0.0081	1.544	-0.0033	2.987	-0.0166	3.618	-0.0228	4.231	-0.0484	3.006	-0.0081	4.249	-0.0462	4.963	-0.0507
17.77	0.405	-0.0009	1.049	-0.0009	1.235	-0.0173	1.554	-0.0171	2.424	-0.0247	2.594	-0.0200	4.114	-0.0365	3.445	-0.0205	4.737	-0.0365	4.963	-0.0505
17.77	0.395	-0.0094	0.814	-0.009	1.615	-0.0281	2.214	-0.0351	2.167	-0.0247	2.633	-0.0302	3.721	-0.0365	4.616	-0.0607	3.479	-0.0515	4.963	-0.0505
17.77	0.605	-0.0012	0.72	-0.0205	1.882	-0.0221	2.466	-0.0175	1.94	-0.0214	2.345	-0.0206	3.336	-0.0362	4.963	-0.0535	4.645	-0.0305	4.963	-0.0505
17.77	0.553	-0.0042	0.719	-0.0091	1.775	-0.0173	1.554	-0.0196	2.173	-0.0247	2.594	-0.0200	4.114	-0.0365	3.445	-0.0205	4.737	-0.0365	4.963	-0.0505
17.77	0.553	-0.0045	0.901	-0.0173	1.604	-0.0154	1.961	-0.0196	2.28	-0.0345	2.858	-0.0426	2.705	-0.						

17.943	0.338	0	1.139	-0.0073	1.152	0.009	1.454	0.0086	3.039	-0.0084	3.684	-0.0163	4.169	0.0623	2.988	-0.0033	4.365	-0.0465	4.406	-0.0507
17.943	0.374	0.0058	1.034	-0.009	1.158	0.0081	1.526	0.0127	2.771	-0.0241	3.333	-0.0299	4.422	0.0112	3.234	0.0339	3.886	-0.0466	4.001	-0.0438
17.944	0.462	0.01	0.951	-0.009	1.33	0.0206	1.79	0.0293	2.5	-0.0205	3	-0.0305	4.16	0.0326	3.705	0.0599	3.497	-0.0211	3.782	-0.009
17.945	0.439	0.01	0.831	-0.009	1.230	0.0203	2.101	0.0251	2.355	-0.0244	2.979	-0.0203	3.708	0.0359	3.444	0.0344	3.444	-0.0203	3.239	-0.0098
17.946	0.602	0.0003	0.735	-0.0081	1.879	0.0234	2.437	0.0218	1.982	-0.0229	2.378	-0.0266	3.38	0.0362	4.522	0.0303	3.825	0.0478	4.684	0.0704
17.947	0.55	-0.0042	0.877	-0.003	1.039	0.0009	2.431	-0.0096	1.826	-0.0093	2.234	-0.0083	3.008	0.0353	4.819	-0.0253	4.515	0.0707	4.963	0.081
17.948	0.448	0.5	0.717	0.0073	1.783	0.0148	2.214	0.019	1.604	0.0158	2.382	0.0202	2.704	0.0252	4.38	-0.0268	4.663	0.0674	4.963	0.0447
17.949	0.444	0.0045	0.858	0.018	1.020	0.0115	1.969	0.0109	2.126	0.0151	2.798	0.0144	3.447	0.0293	4.883	0.0141	4.963	0.0394	4.963	0.0217
17.95	0.398	-0.0042	1.047	0.0191	1.441	0.0154	1.782	-0.0196	2.647	0.0432	3.313	0.0508	3.009	0.0393	3.519	-0.0404	4.963	0.0404	4.963	-0.0405
17.951	0.352	-0.0038	1.043	0.017	1.145	0.0173	1.523	0.0153	1.448	0.0181	3.053	0.0261	3.554	0.0434	4.103	0.0212	3.246	0.0343	4.963	0.0451
17.952	0.335	0.0003	1.045	0.0173	1.153	0.0153	1.526	0.0127	2.768	-0.0238	3.322	0.0293	4.417	0.0115	3.205	0.0333	3.884	-0.0466	3.982	-0.0441
17.953	0.375	0.0094	1.039	-0.009	1.156	0.0058	1.529	0.0127	1.986	0.0206	2.498	-0.0244	2.992	-0.0329	4.157	0.0329	3.492	-0.0311	3.763	0.0704
17.954	0.468	0.103	0.908	-0.009	1.326	0.0206	1.793	0.0293	2.435	0.0243	2.531	0.0244	3.486	0.0296	4.462	0.0365	3.437	0.0467	4.703	0.0598
17.955	0.471	0.01	0.840	-0.009	1.602	0.0215	2.435	0.0215	1.982	0.0227	2.372	-0.0268	3.379	0.0365	4.911	0.0305	3.814	0.0475	4.673	0.0711
17.956	0.608	-0.0006	0.739	-0.0081	1.871	0.0237	2.416	0.0215	1.982	0.0009	2.221	-0.0208	3.008	0.0365	4.818	-0.0247	4.503	0.0707	4.963	0.0813
17.957	0.559	-0.0039	0.877	-0.003	1.933	0.0009	2.431	0.0215	1.982	0.0093	2.221	-0.0208	3.008	0.0365	4.818	-0.0247	4.503	0.0707	4.963	0.0813
17.958	0.508	-0.0045	0.71	0.007	1.776	0.0148	2.211	0.019	1.504	0.0148	2.367	0.0224	2.702	0.0235	4.963	0.0677	4.963	0.0459	4.963	0.081
17.959	0.444	0.0042	0.824	0.017	1.041	0.0157	1.504	0.0193	1.879	0.0196	2.216	0.0201	2.779	0.0279	4.883	0.0142	4.963	0.0394	4.963	0.0217
17.96	0.404	0.0045	0.858	0.018	1.020	0.0115	1.493	0.0191	1.435	0.0154	2.643	0.0435	3.306	0.0514	3.519	-0.0404	4.963	0.0398	4.963	-0.0405
17.961	0.358	-0.0013	1.047	0.017	1.272	0.0145	1.578	-0.0181	3.01	0.0284	3.697	0.0281	3.564	0.0315	4.857	0.0459	4.963	0.051	4.963	-0.0405
17.962	0.338	0.0003	1.043	0.017	1.143	0.017	1.493	0.0193	1.435	0.0181	2.643	0.0435	3.306	0.0514	3.519	-0.0404	4.963	0.0398	4.963	0.0205
17.963	0.371	0.0058	1.036	-0.009	1.155	0.0081	1.52	0.0124	2.778	-0.0241	3.338	-0.0299	4.419	0.0121	3.214	0.0333	3.89	-0.0466	4.001	-0.0441
17.964	0.459	0.01	0.934	-0.009	1.326	0.0206	1.781	0.0293	2.505	-0.0244	3.008	-0.0326	4.167	0.0326	3.492	0.0517	3.781	-0.009	4.036	0.039
17.965	0.466	0.01	0.843	-0.009	1.601	0.0281	2.141	0.0254	2.41	-0.0205	2.682	-0.0322	4.146	0.0653	3.431	0.0508	4.036	0.039	4.036	0.039
17.966	0.5	-0.0003	0.738	-0.0081	1.873	0.0203	2.435	0.0231	1.986	0.0209	2.394	-0.0266	3.395	0.0365	4.915	0.0308	3.902	0.0465	4.699	0.0704
17.967	0.55	-0.0036	0.676	-0.0033	1.94	0.0009	2.435	0.0217	1.986	-0.019	2.375	-0.0205	3.012	0.0365	4.832	-0.0238	4.498	0.0701	4.963	0.081
17.968	0.498	-0.0042	0.714	0.007	1.93	0.0148	2.217	0.019	1.504	0.0148	2.368	0.0221	2.705	0.0232	4.963	0.0644	4.963	0.0704	4.963	0.081
17.969	0.444	0.012	0.824	0.017	1.244	0.0157	1.509	0.0204	2.395	0.0237	2.307	0.0239	3.377	0.0241	4.289	0.0266	3.903	0.0315	4.963	0.0814
17.97	0.398	-0.0042	1.04	0.018	1.441	0.0154	1.782	-0.0196	2.638	0.0435	3.006	0.0514	3.555	-0.0404	4.963	0.0398	4.963	-0.0504	4.963	0.081
17.971	0.353	-0.0033	1.04	0.0103	1.184	0.0148	1.584	0.0196	1.784	0.0196	2.638	0.0435	3.006	0.0514	3.555	-0.0404	4.963	0.0398	4.963	0.081
17.972	0.333	0	1.011	-0.0072	1.153	0.0033	1.503	0.0163	1.503	0.0163	2.395	0.0237	3.377	0.0241	4.289	0.0266	3.903	0.0315	4.963	0.0807
17.973	0.373	0.0084	1.047	-0.0087	1.159	0.0055	1.525	0.0127	2.784	-0.0241	3.338	-0.0299	4.424	0.0134	3.21	0.0321	3.898	-0.0456	3.99	-0.0453
17.974	0.463	0.01	0.944	-0.0093	1.324	0.0203	1.786	0.029	2.513	0.0247	3.006	-0.0322	4.174	0.0323	3.761	0.0592	3.498	0.0523	3.774	-0.009
17.975	0.572</td																			

18.127	0.662	-0.036	0.686	-0.005	1.946	0.003	2.496	-0.027	1.844	-0.016	2.238	-0.010	3.054	-0.035	4.907	-0.009	4.341	-0.0674	4.963	-0.0798
18.128	0.509	-0.0042	0.694	0.0046	1.79	-0.018	1.619	0.0154	2.037	-0.019	1.863	0.0097	2.339	0.0182	2.728	-0.0266	4.5	-0.0395	4.963	-0.0424
18.129	0.457	-0.0045	0.81	0.0136	1.643	0.0193	1.643	0.0151	2.037	-0.019	1.827	0.0111	2.712	0.0142	2.657	-0.0207	4.63	-0.0327	4.963	-0.0404
18.130	0.405	-0.0039	0.902	0.0168	1.643	0.0193	1.643	0.0151	2.037	-0.019	1.827	0.0111	2.547	0.0135	2.234	-0.0184	4.593	-0.0303	4.963	-0.0398
18.131	0.361	-0.0039	1.16	0.0136	1.285	0.0148	1.285	0.0119	2.037	-0.019	1.816	0.0042	3.658	0.0137	3.475	-0.0562	3.226	-0.038	4.963	-0.0507
18.132	0.334	-0.0008	1.174	-0.0033	1.156	0.0099	1.468	-0.0099	1.069	-0.009	1.069	0.0012	3.693	-0.0087	4.076	-0.0556	2.99	-0.0159	4.475	-0.0465
18.133	0.364	-0.0049	1.069	-0.009	1.155	0.0049	1.496	-0.0049	1.867	-0.012	1.867	0.0004	3.675	-0.0205	4.403	-0.0443	3.965	-0.0459	4.452	-0.0442
18.134	0.449	-0.0049	0.91	-0.009	1.115	0.0024	1.731	-0.0024	1.296	-0.004	1.296	0.0024	3.504	-0.0203	4.205	-0.0402	3.562	-0.0404	3.744	-0.0399
18.135	0.556	0.0108	0.863	-0.0093	1.591	0.0281	2.077	0.0351	2.296	-0.0247	2.119	-0.0302	3.056	-0.0356	4.272	-0.0682	3.409	-0.0307	4.037	-0.0387
18.136	0.613	0.0207	0.766	-0.0084	1.861	0.023	2.397	0.0257	2.039	-0.0228	2.413	-0.0278	3.428	-0.0365	4.835	-0.0447	3.695	-0.0384	4.708	-0.0316
18.137	0.57	0.0202	0.688	-0.0057	1.938	0.023	2.397	0.0237	1.841	-0.0212	2.237	-0.0218	3.425	-0.0355	4.837	-0.0447	3.539	-0.0374	4.453	-0.0381
18.138	0.517	-0.0042	0.691	0.0037	1.783	-0.0148	2.252	-0.019	1.858	0.0098	2.324	0.0179	2.727	-0.0206	4.504	-0.0389	4.963	-0.0429	4.963	-0.0341
18.139	0.483	-0.0045	0.801	0.0133	1.613	0.0151	2.037	-0.019	1.863	0.0097	2.042	0.0142	3.658	0.0142	2.654	-0.0207	4.63	-0.0327	4.963	-0.0336
18.140	0.442	-0.0042	0.681	0.0148	1.442	0.0107	1.918	0.0151	2.037	-0.019	1.863	0.0097	2.349	-0.0249	3.227	-0.0362	3.34	-0.0407	4.963	-0.0348
18.141	0.365	-0.0042	1.15	0.0136	1.285	0.0148	1.613	0.0119	2.037	-0.019	1.947	0.0042	3.073	-0.0225	3.45	-0.0347	4.963	-0.0367	4.465	-0.0465
18.142	0.338	-0.0012	1.169	-0.003	1.152	0.0096	1.482	-0.009	1.095	0.0096	1.482	0.0022	3.704	-0.0078	4.075	-0.0145	4.475	-0.0368	4.465	-0.0507
18.143	0.334	-0.0008	1.174	-0.0033	1.156	0.0099	1.468	-0.0099	1.069	0.0012	1.069	0.0034	3.693	-0.0087	4.076	-0.0159	4.475	-0.0465	4.452	-0.0507
18.144	0.364	-0.0008	1.069	-0.009	1.155	0.0049	1.496	-0.0049	1.867	-0.012	1.867	0.0004	3.675	-0.0205	4.403	-0.0443	3.965	-0.0459	4.452	-0.0442
18.145	0.344	-0.0049	0.91	-0.009	1.115	0.0024	1.731	-0.0024	1.296	-0.004	1.296	0.0024	3.504	-0.0203	4.205	-0.0402	3.562	-0.0404	3.744	-0.0399
18.146	0.556	0.0108	0.863	-0.0093	1.591	0.0281	2.077	0.0351	2.296	-0.0247	2.119	-0.0302	3.056	-0.0356	4.272	-0.0682	3.409	-0.0307	4.037	-0.0387
18.147	0.613	0.0207	0.766	-0.0084	1.861	0.023	2.397	0.0257	2.039	-0.0228	2.413	-0.0278	3.428	-0.0365	4.835	-0.0447	3.695	-0.0384	4.708	-0.0316
18.148	0.57	0.0202	0.688	-0.0057	1.938	0.023	2.397	0.0237	1.841	-0.0212	2.237	-0.0218	3.425	-0.0355	4.837	-0.0447	3.539	-0.0374	4.453	-0.0381
18.149	0.457	-0.0042	0.802	0.0136	1.619	0.0151	2.036	-0.019	1.863	0.0095	2.042	0.0147	3.654	-0.0202	4.205	-0.0407	4.963	-0.0342	4.963	-0.0344
18.150	0.408	-0.0042	0.964	0.0018	1.448	0.0151	2.037	-0.019	1.863	0.0094	2.042	0.0146	3.654	-0.0201	4.206	-0.0407	4.963	-0.0343	4.963	-0.0345
18.151	0.491	-0.0049	1.15	0.0145	1.285	0.0148	1.613	0.0119	2.036	-0.019	1.947	0.0043	3.075	-0.0088	4.073	-0.0151	4.485	-0.0362	4.465	-0.0507
18.152	0.334	-0.0009	1.181	-0.0027	1.156	0.0099	1.468	-0.0102	1.069	0.0024	1.069	0.0035	3.705	-0.0081	4.073	-0.0151	4.485	-0.0362	4.465	-0.0507
18.153	0.362	-0.0052	1.076	-0.0087	1.153	0.0049	1.493	-0.0058	1.493	0.0025	1.493	0.0107	3.392	-0.0205	4.409	-0.0469	3.073	-0.0209	4.963	-0.0343
18.154	0.448	-0.0037	0.97	-0.0093	1.173	0.0026	1.731	-0.0026	1.296	-0.004	1.296	0.0026	3.504	-0.0203	4.205	-0.0407	3.568	-0.0303	4.453	-0.0398
18.155	0.555	0.0109	0.869	-0.0087	1.59	0.0281	2.07	0.0351	2.31	-0.0205	2.735	-0.0302	3.831	-0.0356	4.253	-0.0685	4.045	-0.0387	4.452	-0.0345
18.156	0.514	0.0207	0.764	-0.0087	1.864	0.023	2.033	0.0343	2.304	-0.0244	2.728	-0.0302	3.818	-0.0353	4.242	-0.0685	4.046	-0.0387	4.452	-0.0345
18.157	0.57	0.0202	0.684	-0.0087	1.864	0.023	2.033	0.0343	2.304	-0.0244	2.728	-0.0302	3.818	-0.0353	4.242	-0.0685	4.046	-0.0387	4.452	-0.0345
18.158	0.52	-0.0042	0.691	0.0034	1.788	-0.0148	2.296	-0.019	1.862	0.0082	2.328	0.0173	2.739	-0.0302	4.529	-0.0362	4.963	-0.0321	4.963	-0.0343
18.159	0.467	-0.0042	0.798	0.0133	1.618	0.0151	2.046	-0.019	2.12	0.0303	2.697	0.0147	2.681	-0.0202	4.089	-0.0407	4.963	-0.0354	4.963	-0.

18.312	0.336	-0.018	1.19	0.019	1.161	0.009	1.486	0.0134	3.076	0.01	3.721	-0.018	3.988	0.058	3.006	-0.039	4.588	0.0465	4.428	-0.051
18.313	0.365	0.0043	1.1	-0.004	1.162	0.004	1.479	0.0055	2.9	-0.023	3.431	-0.029	4.383	0.0257	3.042	0.0127	4.103	0.0459	3.948	-0.043
18.314	0.431	0.0051	0.996	-0.009	1.307	0.0197	1.677	0.0242	2.626	-0.044	3.096	-0.032	4.267	0.0253	3.444	0.0472	3.648	-0.042	3.763	-0.0048
18.315	0.239	0.021	1.002	-0.009	1.279	0.019	1.642	0.0242	2.535	-0.025	3.177	-0.032	3.723	0.0253	3.402	0.024	3.407	0.024	3.499	-0.0403
18.316	0.812	0.0046	0.795	-0.007	1.863	0.0242	2.356	0.0299	2.097	-0.024	2.459	-0.029	3.486	0.0365	4.718	0.0558	3.594	0.0278	4.74	0.0278
18.317	0.579	-0.0036	0.705	-0.0072	1.842	0.0012	2.473	0.0031	1.875	-0.018	2.243	-0.015	3.109	0.0353	4.948	0.0703	4.162	0.029	4.963	0.0284
18.318	0.520	-0.0042	0.678	-0.006	1.792	0.0145	1.832	0.0024	2.295	-0.0184	1.852	-0.0054	2.249	0.0133	2.765	0.0263	4.267	0.0477	4.42	0.0277
18.319	0.473	-0.0042	0.758	-0.0112	1.802	0.0145	1.824	0.0123	2.277	-0.0193	2.243	-0.0023	2.631	0.0136	2.439	0.0205	4.503	0.0469	4.493	0.0298
18.320	0.422	-0.0042	0.924	0.0179	1.445	0.0151	1.859	0.0196	2.436	0.0211	3.142	0.0511	2.867	0.0463	4.963	0.0501	4.963	0.0501	4.963	-0.0501
18.321	0.376	-0.0042	1.101	0.0207	1.451	0.0145	1.833	0.0193	2.389	0.0203	3.173	0.0203	3.374	0.0503	4.963	0.0473	4.963	0.0473	4.963	-0.0507
18.322	0.354	0.0037	1.158	0.0204	1.455	0.0145	1.853	0.0193	2.373	0.0203	3.173	0.0203	3.387	0.0503	4.963	0.0473	4.963	0.0473	4.963	-0.0507
18.323	0.353	0.0037	1.098	-0.0084	1.149	0.0043	1.469	0.0249	2.909	-0.022	3.445	-0.0287	4.383	0.0263	3.036	0.0121	4.105	0.0465	3.967	-0.042
18.324	0.425	0.0088	0.994	0.019	1.307	0.0197	1.665	0.0242	2.634	0.0244	3.112	-0.032	4.277	0.0244	3.433	0.0472	4.277	0.0417	3.782	-0.0054
18.325	0.431	0.0086	0.93	-0.009	1.681	0.0145	1.864	0.0242	2.487	0.0245	2.873	-0.025	3.18	0.0253	4.302	0.0465	4.207	0.0417	4.307	-0.0403
18.326	0.602	0.0052	0.793	-0.0097	1.867	0.0145	2.348	0.0305	2.105	-0.0241	2.471	-0.028	3.466	0.0356	4.711	0.0558	3.563	0.0293	4.795	0.0275
18.327	0.571	-0.0039	0.704	-0.0072	1.846	0.0015	2.475	0.0004	1.881	-0.0184	2.252	-0.0148	3.118	0.0356	4.955	0.0885	4.147	0.0262	4.963	0.0275
18.328	0.519	-0.0042	0.68	0.0112	1.798	0.0145	2.299	-0.0184	1.832	0.0024	2.299	0.013	2.772	0.0263	4.507	0.0477	4.904	0.0274	4.963	0.0284
18.329	0.489	0.0055	0.761	-0.0112	1.823	0.0145	2.288	0.0196	2.307	-0.0227	2.504	-0.0287	3.241	0.0353	4.702	0.0467	4.963	0.0294	4.963	0.0294
18.330	0.416	-0.0042	0.929	0.0182	1.456	0.0151	1.884	-0.0154	2.428	0.0468	3.145	0.0508	2.865	0.0356	4.705	0.0467	4.963	0.0274	4.963	0.0274
18.331	0.369	-0.0039	1.117	0.017	1.294	0.0151	1.658	-0.0193	2.864	0.0396	3.617	0.039	3.37	0.052	3.562	0.0358	4.963	0.0447	4.963	-0.051
18.332	0.338	0.0035	1.151	-0.007	1.503	0.0145	1.841	0.0196	2.373	0.0215	3.115	0.0215	3.381	0.0263	4.507	0.0467	4.963	0.0294	4.963	0.0294
18.333	0.352	0.0037	1.108	-0.0084	1.15	0.004	1.475	0.0249	2.917	-0.022	3.444	-0.0287	4.387	0.0263	3.036	0.0118	4.114	0.0462	3.964	-0.042
18.334	0.429	0.0094	1.004	-0.009	1.305	0.0197	1.668	0.0239	2.84	-0.0244	3.113	-0.032	4.283	0.0238	3.425	0.0463	3.656	0.0408	3.775	-0.0048
18.335	0.337	0.0012	0.981	-0.009	1.278	0.0151	1.678	0.0242	2.306	0.0245	2.731	0.025	3.177	0.0263	4.507	0.0471	4.963	0.0294	4.963	0.0294
18.336	0.413	0.0029	0.902	-0.007	1.563	0.0153	1.865	0.0242	2.345	0.0244	3.111	0.0245	4.272	0.0263	3.502	0.0462	4.739	0.0309	4.754	-0.0403
18.337	0.582	-0.0036	0.71	-0.0072	1.946	0.0165	2.478	0.0004	1.888	-0.0181	2.251	-0.0151	3.124	0.0356	4.957	0.0097	4.144	0.0268	4.963	0.0275
18.338	0.482	0.0042	0.681	0.0003	1.307	0.0145	1.797	0.0234	2.304	-0.0187	1.838	-0.0204	2.295	0.0213	2.934	0.0374	4.649	0.0374	4.901	0.0374
18.339	0.485	0.0042	0.742	-0.009	1.755	0.0109	1.625	0.0212	2.323	0.0237	2.502	0.0237	3.234	0.0263	4.507	0.0465	4.963	0.0294	4.963	0.0294
18.340	0.477	0.0042	0.92	0.0175	1.453	0.0151	1.865	-0.0154	2.417	0.0402	3.131	0.0514	2.852	0.0299	4.245	0.0407	4.963	0.0271	4.963	0.0271
18.341	0.416	-0.0042	0.92	0.0175	1.453	0.0151	1.865	-0.0154	2.417	0.0402	3.131	0.0514	2.852	0.0299	4.245	0.0407	4.963	0.0271	4.963	0.0271
18.342	0.368	-0.0036	1.111	0.0179	1.29	0.0151	1.658	0.0212	2.385	0.0217	3.093	0.0393	3.357	0.0538	3.608	0.0369	3.369	0.0447	4.963	0.0271
18.343	0.353	0.0034	1.097	-0.0081	1.152	0.0043	1.473	0.0249	2.91	0.0217	3.442	0.0268	4.378	0.0268	3.038	0.0152	4.128	0.0459	3.963	-0.042
18.344	0.423	0.0088	0.994	-0.009	1.308	0.0197	1.662	0.0233	2.833	-0.0244	3.109	-0.032	4.273	0.0241	3.423	0.0458	3.699	0.0423	3.774	-0.0048

18.497	0.588	-0.033	0.729	-0.0081	1.943	0.0037	2.476	0.0088	1.917	-0.0008	2.261	-0.0181	3.165	0.0383	4.937	0.0327	4.008	0.0568	4.963	0.0792		
18.498	0.536	-0.0045	0.675	-0.0018	1.8	-0.0142	2.336	-0.0181	1.82	-0.0024	2.262	0.0088	2.813	-0.0017	4.749	-0.0332	4.747	0.074	4.963	0.0735		
18.499	0.484	-0.0042	0.724	0.0082	1.628	0.0154	2.116	-0.0193	1.972	0.0215	2.56	0.0057	2.637	0.0075	4.508	-0.0404	4.963	0.0565	4.963	0.0792		
18.500	0.423	-0.0045	0.571	-0.0017	1.459	0.0154	2.359	-0.0193	2.334	-0.0037	3.055	0.0008	2.913	0.0048	3.944	-0.041	4.963	0.0509	4.963	0.0798		
18.501	0.382	-0.0042	1.059	0.0165	1.295	0.0183	1.867	0.0193	2.774	0.0423	3.555	0.0438	3.287	0.0055	4.365	-0.0401	4.963	0.051	4.963	0.0791		
18.502	0.342	-0.0027	1.182	0.0079	1.162	0.0105	1.503	-0.0151	3.064	0.0194	3.744	0.0081	3.9	0.0595	3.086	-0.0302	4.702	0.0642	4.963	0.0794		
18.503	0.346	-0.0027	1.027	0.0078	1.145	0.0107	1.454	0.0157	2.977	0.0151	3.494	0.0204	3.454	-0.0254	4.504	-0.019	4.215	0.0462	3.944	0.0791		
18.504	0.349	-0.0027	1.029	0.0071	1.203	0.0104	1.441	0.0154	2.809	0.0184	3.163	0.0203	3.487	0.0055	3.267	-0.0261	3.041	0.0465	3.745	0.0792		
18.505	0.51	0.0109	0.919	-0.0093	1.568	0.0281	1.934	0.0038	2.432	0.0212	2.835	-0.0302	3.341	0.0161	3.873	0.0214	4.102	0.0426	4.963	0.0792		
18.506	0.596	0.007	0.821	-0.009	1.849	0.0248	2.295	0.033	1.765	0.0241	2.518	-0.0203	3.553	0.0059	4.554	0.0629	3.504	0.0407	4.792	0.0737		
18.507	0.379	-0.0023	0.736	-0.0081	1.56	0.0209	1.501	0.0209	1.501	0.0201	2.271	0.0187	3.173	0.0059	4.54	0.0323	3.509	0.0408	4.963	0.0792		
18.508	0.527	-0.0042	0.675	-0.0021	1.807	0.0145	2.343	-0.0178	1.822	-0.0033	2.272	0.0088	2.819	0.0014	4.762	-0.0328	4.734	0.0737	4.963	0.0798		
18.509	0.475	-0.0042	0.642	-0.0042	0.729	0.0085	1.636	0.0151	1.971	0.0212	2.566	0.0057	2.637	0.0075	4.508	-0.0404	4.963	0.0565	4.963	0.0792		
18.510	0.423	-0.0042	0.674	0.017	1.465	0.0185	1.836	0.0154	2.343	0.0184	3.054	0.0054	3.215	0.0047	4.467	0.0615	4.963	0.0501	4.963	0.0791		
18.511	0.378	-0.0039	1.065	0.0185	1.301	0.0148	1.686	0.0193	1.51	0.0151	3.064	0.0435	3.286	0.0055	4.604	-0.0401	4.963	0.0435	4.963	0.0791		
18.512	0.338	-0.0027	1.191	0.0082	1.166	0.0105	1.501	0.0151	1.51	0.0151	3.058	0.0194	3.744	0.0084	3.895	0.0055	3.055	-0.0358	4.713	0.0462	4.963	0.0791
18.513	0.345	0.0031	1.137	-0.0078	1.146	0.0134	1.462	0.012	2.983	0.0181	3.404	0.0204	4.357	0.0339	2.963	0.0056	4.225	0.0462	3.943	0.0794		
18.514	0.345	0.0031	1.023	0.0029	1.203	0.0105	1.505	0.0154	2.309	0.0209	2.735	0.0231	3.163	0.0033	3.755	0.0247	3.739	0.0407	4.963	0.0793		
18.515	0.517	0.0112	0.928	-0.0093	1.583	0.0278	1.939	0.033	2.437	0.0244	2.835	-0.0305	3.349	0.0167	3.867	0.017	4.33	0.0464	4.963	0.0797		
18.516	0.606	0.0073	0.828	-0.0087	1.844	0.0251	2.297	0.0327	2.171	0.0241	2.518	-0.0296	3.359	0.0362	3.504	0.0194	4.788	0.0426	4.963	0.0794		
18.517	0.501	0.0101	1.113	0.0084	1.504	0.0209	1.507	0.0209	1.507	0.0201	2.27	0.0187	3.151	0.0056	3.646	0.0245	3.739	0.0407	4.963	0.0792		
18.518	0.539	-0.0042	0.68	-0.0024	1.806	0.0148	2.345	-0.0178	1.828	-0.0033	2.268	0.0085	2.925	0.0314	4.771	-0.0323	4.73	0.074	4.963	0.0798		
18.519	0.488	-0.0042	0.723	0.0076	1.833	0.0154	2.123	-0.0196	1.972	0.0212	2.559	0.0351	2.849	0.0081	4.332	-0.0404	4.963	0.0583	4.963	0.0798		
18.520	0.434	-0.0042	0.867	0.0082	1.464	0.0154	1.834	0.0154	1.909	0.0205	2.317	0.0057	2.637	0.0237	4.322	0.041	4.963	0.0567	4.963	0.0791		
18.521	0.398	-0.0042	1.024	0.0165	1.509	0.0191	2.309	0.0209	2.356	0.0249	3.045	0.0045	3.545	0.0251	4.347	0.0401	4.963	0.0438	4.963	0.0791		
18.522	0.345	-0.0024	1.18	0.0082	1.166	0.0105	1.51	0.0151	1.51	0.0151	3.058	0.0194	3.738	0.0067	3.102	-0.0314	4.411	0.0462	4.963	0.0797		
18.523	0.346	0.0024	1.139	-0.0075	1.143	0.0131	1.413	0.0151	1.457	0.0206	2.59	0.0169	3.501	0.0245	2.981	0.0045	4.224	0.0462	3.941	0.0794		
18.524	0.409	0.0025	1.035	-0.0009	1.201	0.0131	1.501	0.0151	1.501	0.0151	2.309	0.0204	3.107	0.0033	3.259	0.0247	3.739	0.0404	4.963	0.0794		
18.525	0.514	0.0109	0.919	-0.0093	1.588	0.0278	1.932	0.0327	2.431	0.0247	2.835	0.0302	3.938	0.0347	3.637	0.0223	4.404	0.0432	4.963	0.0794		
18.526	0.595	0.007	0.821	-0.0087	1.847	0.0245	2.291	0.0327	2.151	0.0244	2.517	0.0209	3.549	0.0348	4.354	0.0269	4.029	0.0191	4.963	0.0794		
18.527	0.579	-0.0042	0.724	-0.0081	1.648	0.0207	1.507	0.0151	1.507	0.0151	2.309	0.0211	2.309	0.0197	3.171	0.0206	3.739	0.0406	4.963	0.0798		
18.528	0.529	-0.0039	0.675	-0.0021	1.805	0.0145	2.343	-0.0178	1.818	-0.0008	2.264	0.0078	2.815	0.0273	4.763	-0.0317	4.722	0.0737	4.963	0.0798		
18.529	0.475	-0.0045	0.72	0.0082	1.833	0.0163	2.122	-0.0199	1.956	0.0206	2.556	0.0354	2.632	0.0281</td								

18.682	0.349	0.003	1.162	0.0134	1.164	0.0108	1.126	0.0168	3.023	0.0266	3.745	0.0133	3.808	0.0602	3.174	0.0359	4.813	0.0482	4.401	0.0504
18.683	0.341	0.0012	1.157	-0.0054	1.143	0.0227	1.448	0.0024	3.032	-0.0093	3.548	-0.0269	4.311	0.0293	2.979	-0.0087	4.322	0.0465	3.932	-0.0098
18.684	0.393	0.0073	1.051	-0.0087	1.285	0.0192	1.573	0.0179	2.762	-0.0241	3.216	-0.0299	4.372	0.0081	3.166	0.0284	4.063	0.0463	3.788	0.0212
18.685	0.491	0.0013	1.153	0.0039	1.55	0.0231	1.871	0.0115	2.426	0.0244	2.837	0.0203	4.201	0.0125	3.349	0.0247	4.211	0.0467	4.221	0.0247
18.686	0.688	0.0085	0.948	-0.0029	1.036	0.0254	2.233	0.0345	2.227	0.0247	2.666	-0.0296	3.614	0.0359	4.37	0.0665	3.448	0.01	4.827	0.0743
18.687	0.589	-0.0027	0.752	-0.0084	1.951	0.0043	2.466	0.0148	1.974	0.0228	2.299	-0.0214	3.23	0.0359	4.881	0.0375	3.854	0.0499	4.963	0.0783
18.688	0.538	-0.0022	0.68	-0.0045	1.816	0.0145	2.045	0.0145	2.021	-0.019	2.251	0.0204	2.869	0.0252	4.472	-0.0168	4.558	0.0716	4.963	0.0539
18.689	0.486	0.0045	0.698	0.0023	1.643	0.0115	1.941	0.0153	1.81	0.0157	2.059	0.0214	2.509	0.0314	2.649	0.0252	4.493	0.0465	4.933	0.0241
18.690	0.434	-0.0045	0.681	0.0022	1.474	0.0154	1.943	0.0196	2.228	0.0281	3.051	0.0209	2.76	0.0209	4.442	-0.0198	4.963	0.016	4.963	0.0468
18.691	0.449	-0.0045	0.698	0.0023	1.048	0.0148	1.943	0.0196	2.228	0.0281	3.051	0.0209	2.76	0.0209	4.442	-0.0198	4.963	0.016	4.963	0.0468
18.692	0.349	-0.0039	1.008	0.0188	1.309	0.0148	1.732	0.0196	2.666	0.0405	3.495	0.0472	3.197	0.0487	4.963	-0.0407	4.963	0.014	4.92	0.0501
18.693	0.338	0.0019	1.167	-0.0051	1.144	0.0204	1.454	0.0179	3.042	-0.0087	3.552	-0.0269	4.314	0.0399	2.981	-0.0098	4.33	0.0465	3.927	0.0398
18.694	0.396	0.0073	1.053	-0.0084	1.289	0.0192	1.574	0.0173	2.764	-0.0241	3.213	-0.0302	4.364	0.0081	3.161	0.0284	4.063	0.0463	3.785	0.0209
18.695	0.441	0.0006	1.156	0.0039	1.051	0.0227	1.401	0.0115	2.443	0.0244	2.889	0.0203	3.679	0.0444	3.045	0.0395	4.493	0.0467	4.421	0.0247
18.696	0.588	0.0085	0.948	-0.0029	1.036	0.0254	2.233	0.0345	2.236	0.0244	2.568	-0.0299	3.622	0.0359	4.361	0.0665	3.448	0.01	4.827	0.0743
18.697	0.601	-0.0021	0.758	-0.0087	1.95	0.0046	2.469	0.0151	1.983	-0.022	2.299	0.0214	3.239	0.0358	4.882	0.0387	3.851	0.0493	4.963	0.0783
18.698	0.549	-0.0042	0.686	-0.0048	1.813	0.0145	2.384	0.0145	1.832	-0.0087	2.247	0.0204	2.875	0.0332	4.454	-0.0157	4.558	0.0499	4.963	0.0783
18.699	0.595	0.0085	0.856	-0.0029	1.833	0.0257	2.235	0.0345	2.236	0.0244	2.568	-0.0299	3.622	0.0359	4.361	0.0665	3.448	0.01	4.827	0.0743
18.700	0.601	-0.0021	0.758	-0.0087	1.95	0.0046	2.469	0.0151	1.983	-0.022	2.299	0.0214	3.239	0.0358	4.882	0.0387	3.851	0.0493	4.963	0.0783
18.701	0.444	-0.0045	0.816	0.0023	1.473	0.0154	1.948	0.0196	2.232	0.0281	3.051	0.0209	2.76	0.0209	4.442	-0.0198	4.963	0.0173	4.963	0.0468
18.702	0.396	-0.0042	0.999	0.0185	1.308	0.0151	1.736	0.0245	2.662	0.0405	3.485	0.0472	3.2	0.0487	4.963	-0.0407	4.963	0.016	4.963	0.0468
18.703	0.349	-0.0033	1.153	0.0037	1.053	0.0227	1.401	0.0115	2.443	0.0244	2.889	0.0203	3.679	0.0444	3.045	0.0395	4.493	0.0467	4.421	0.0247
18.704	0.393	0.0073	1.053	-0.0084	1.289	0.0192	1.574	0.0173	2.764	-0.0241	3.213	-0.0302	4.364	0.0081	3.161	0.0284	4.063	0.0463	3.785	0.0209
18.705	0.441	0.0006	1.156	0.0039	1.051	0.0227	1.401	0.0115	2.443	0.0244	2.889	0.0203	3.679	0.0444	3.045	0.0395	4.493	0.0467	4.421	0.0247
18.706	0.585	0.0085	0.948	-0.0029	1.036	0.0254	2.233	0.0345	2.236	0.0244	2.568	-0.0299	3.622	0.0359	4.361	0.0665	3.448	0.01	4.827	0.0743
18.707	0.59	-0.0024	0.751	-0.0087	1.95	0.0046	2.464	0.0154	1.975	-0.0219	2.297	0.0217	3.228	0.0358	4.866	0.0387	3.854	0.0493	4.963	0.0783
18.708	0.444	-0.0042	0.686	-0.0048	1.813	0.0145	2.384	0.0145	1.832	-0.0087	2.245	0.0204	2.875	0.0332	4.454	-0.0157	4.558	0.0499	4.963	0.0783
18.709	0.595	0.0085	0.856	-0.0029	1.833	0.0257	2.235	0.0345	2.236	0.0244	2.568	-0.0299	3.622	0.0359	4.361	0.0665	3.448	0.01	4.827	0.0743
18.710	0.601	-0.0021	0.758	-0.0087	1.95	0.0046	2.469	0.0151	1.983	-0.022	2.299	0.0214	3.239	0.0358	4.882	0.0387	3.851	0.0493	4.963	0.0783
18.711	0.434	-0.0045	0.816	0.0023	1.471	0.0154	1.948	0.0196	2.232	0.0281	3.051	0.0209	2.76	0.0209	4.442	-0.0198	4.963	0.0173	4.963	0.0468
18.712	0.396	-0.0042	0.999	0.0185	1.308	0.0151	1.736	0.0245	2.662	0.0405	3.485	0.0472	3.2	0.0487	4.963	-0.0407	4.963	0.016	4.963	0.0468
18.713	0.338	0.0015	1.169	-0.0045	1.141	0.0204	1.452	0.0227	3.043	-0.0081	3.554	-0.0269	4.303	0.0274	2.974	-0.0102	4.331	0.0469	3.925	0.0398
18.714	0.392	0.0076	1.065	-0.0087	1.28	0.0192	1.571	0.0171	2.774	-0.0241	3.223	-0.0302	4.38	0.0359	3.143	0.0266	3.85			

18.887	0.598	-0.0006	0.779	-0.0087	1.054	0.0055	2.443	0.0203	2.032	-0.0235	2.338	-0.0241	3.29	0.0362	4.781	0.0506	3.73	0.042	4.963	0.0774		
18.888	0.548	-0.0036	0.694	-0.0083	1.024	0.0151	2.201	0.019	1.849	-0.0153	2.239	-0.0112	2.921	0.0341	4.938	-0.0003	4.387	0.039	4.963	0.0771		
18.889	0.496	-0.0045	0.681	0.0022	1.053	0.0244	1.462	0.0154	1.524	0.0159	2.155	0.0115	2.447	0.0278	2.664	-0.0386	4.963	0.0713	4.963	0.0734		
18.89	0.444	-0.0042	0.622	0.0024	0.775	0.0124	0.95	0.0162	1.318	0.0148	1.77	0.0193	2.566	0.0432	3.421	0.0496	3.121	0.047	4.963	0.0703		
18.891	0.394	-0.0042	0.622	0.0024	0.775	0.0124	0.95	0.0162	1.318	0.0148	1.77	0.0193	2.566	0.0432	3.421	0.0496	3.121	0.047	4.963	0.0701		
18.892	0.35	-0.0033	1.133	0.0163	1.174	0.0117	1.569	0.0115	1.142	0.0115	1.454	0.0107	1.965	0.0339	3.735	0.0197	3.711	0.0595	3.269	0.0392	4.963	0.0701
18.893	0.334	-0.0036	1.169	0.0003	1.189	0.0115	1.542	0.0115	1.142	0.0115	1.454	0.0107	1.965	0.0339	3.735	0.0197	3.711	0.0595	3.269	0.0392	4.963	0.0701
18.894	0.311	-0.0007	1.003	-0.0084	1.274	0.0175	1.533	0.0119	1.139	0.0119	1.454	0.0107	1.965	0.0339	3.735	0.0197	3.711	0.0595	3.269	0.0392	4.963	0.0701
18.895	0.274	-0.0042	0.989	-0.009	1.533	0.0103	1.023	0.0172	1.807	0.0109	2.563	0.0296	2.941	-0.0244	3.413	0.0341	4.781	0.0506	3.54	0.0356	4.963	0.0701
18.897	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.898	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.899	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.90	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.901	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.902	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.903	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.904	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.905	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.906	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.907	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.908	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.909	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.91	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.911	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.912	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.913	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.914	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.915	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.916	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.917	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.918	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.919	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356	4.57	0.0774		
18.92	0.271	0.01	0.885	-0.009	1.822	0.0263	2.169	0.0351	2.297	0.0247	2.62	-0.0299	3.681	0.0359	4.167	0.0665	3.413	0.0356</				

19.03	0.333	-0.0003	1.193	0.0094	1.19	0.0006	1.463	-0.009	3.084	0.0094	3.659	-0.0175	4.201	0.0508	3.052	0.0462	4.554	0.0462	3.988	-0.0374
19.04	0.365	-0.0058	1.126	-0.0081	1.265	0.017	1.505	-0.0226	3.954	0.0279	3.327	-0.0296	4.419	0.0067	3.01	0.0462	4.069	0.0307	3.791	-0.0243
19.05	0.424	-0.0001	1.021	-0.0009	1.23	0.0048	1.743	-0.0244	2.526	0.0203	2.596	-0.0203	4.133	0.0232	3.357	0.0423	4.204	0.0244	4.433	-0.0243
19.06	0.562	0.0109	0.917	-0.0009	1.811	0.0003	1.034	0.0364	2.361	0.0247	2.673	-0.0299	3.739	0.0365	3.972	0.0638	3.404	0.0396	4.887	0.0762
19.07	0.514	0.0022	0.817	-0.0009	1.951	0.0067	2.412	0.0251	2.1	0.0244	2.373	-0.0286	3.355	0.0359	4.637	0.0602	3.622	0.0327	4.963	0.0762
19.08	0.567	-0.0046	0.723	-0.0081	1.83	0.0139	1.459	-0.0045	2.454	0.0217	2.672	-0.0267	2.233	0.0205	2.955	0.0315	4.905	0.0618	4.218	0.0687
19.09	0.517	-0.0042	0.741	0.0013	1.609	0.0154	2.446	0.0203	1.54	0.0057	2.398	0.0213	3.024	0.0203	2.493	0.0203	4.003	0.0444	4.493	0.0604
19.10	0.462	-0.0042	0.733	0.0091	1.487	0.0154	2.026	-0.0196	2.055	0.0269	2.803	0.0451	2.697	0.0401	4.963	0.0429	4.963	0.0504	4.963	0.0504
19.11	0.413	-0.0042	0.703	0.0163	1.173	0.0161	1.588	0.0187	2.449	0.0203	3.053	0.0267	3.705	0.0286	3.117	0.0303	4.563	0.0453	4.346	0.0504
19.12	0.388	-0.0009	1.182	0.0081	1.143	0.0102	1.463	-0.0093	3.075	0.0094	3.654	-0.0172	4.192	0.0502	3.062	0.0274	4.566	0.0465	3.894	0.0371
19.13	0.367	0.0052	1.115	-0.0078	1.27	0.017	1.502	0.0246	2.996	0.0223	3.322	-0.0296	4.419	0.0073	3.015	0.0462	4.062	0.0462	3.788	0.0243
19.14	0.443	-0.0007	1.073	-0.0009	1.623	0.0048	1.741	0.0272	2.925	0.0245	2.591	0.0203	4.471	0.0422	3.305	0.0423	4.041	0.0481	4.318	0.0341
19.15	0.555	0.0106	0.908	-0.0009	1.813	0.0206	2.091	0.0364	2.367	0.0247	2.668	-0.0298	3.729	0.0632	3.917	0.0696	4.888	0.0765	4.963	0.0765
19.16	0.507	0.0019	0.81	-0.0009	1.951	0.0054	2.406	0.0248	2.094	0.0244	2.371	-0.0268	3.344	0.0359	4.625	0.0595	3.629	0.0321	4.963	0.0765
19.17	0.556	-0.0039	0.717	-0.0075	1.83	0.0139	1.83	0.0139	2.446	0.0216	2.672	-0.0267	2.330	0.0203	4.203	0.0357	4.595	0.0457	4.395	0.0344
19.18	0.462	-0.0045	0.729	0.0088	1.488	0.0154	2.03	-0.0196	2.048	0.0283	2.79	0.0451	2.692	0.01	4.279	0.0407	4.963	0.0501	4.878	0.0287
19.19	0.452	-0.0042	0.733	0.0094	1.487	0.0154	2.015	0.0156	2.454	0.0248	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.20	0.403	-0.0042	0.733	0.0091	1.487	0.0154	2.015	0.0156	2.454	0.0248	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.21	0.366	-0.0009	1.191	-0.0081	1.37	0.017	1.811	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.22	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.23	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.24	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.25	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.26	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.27	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.28	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.29	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.30	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.31	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.32	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.33	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.34	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504
19.35	0.332	-0.0009	1.182	-0.0081	1.36	0.017	1.801	0.0154	2.449	0.0216	2.672	-0.0267	3.273	0.0617	4.493	0.0423	4.963	0.0423	4.963	0.0504

19.237	0.813	0.046	0.848	-0.0087	1.951	0.0079	2.377	0.0209	2.16	-0.0344	2.415	-0.0281	3.409	0.0362	4.465	0.0653	3.637	0.0333	4.963	0.0752
19.238	0.577	-0.0042	0.75	-0.0084	1.893	-0.0139	2.453	0.0015	1.922	-0.0205	2.235	-0.0099	3.034	0.0353	4.919	0.0305	4.922	0.0323	4.963	0.0283
19.239	0.525	-0.0042	0.683	-0.0042	1.887	0.0154	2.297	-0.0187	1.827	-0.0224	2.343	0.0188	2.72	-0.0244	4.811	0.0248	4.963	0.0248	4.963	0.0248
19.240	0.472	-0.0042	0.745	-0.0061	1.705	0.0144	2.370	-0.0196	1.824	-0.0221	2.721	0.0420	4.963	-0.0241	4.963	0.0238	4.963	0.0238	4.963	0.0238
19.241	0.421	-0.0042	0.836	0.0151	1.33	-0.0151	1.8611	-0.0196	2.346	0.0384	3.243	0.0514	2.976	0.0375	3.948	-0.0407	4.963	0.0238	4.963	0.0238
19.242	0.373	-0.0042	1.019	0.0185	1.185	0.0121	1.853	-0.0193	2.748	0.0423	3.688	0.0323	3.524	0.0568	4.963	-0.0404	4.963	0.0238	4.963	0.0238
19.243	0.34	-0.0042	1.018	0.0112	1.14	0.0003	1.485	-0.0121	1.861	0.0179	3.684	-0.0099	4.117	0.0528	3.138	0.0568	4.963	0.0238	4.963	0.0238
19.244	0.368	-0.0042	1.044	-0.0098	1.381	0.0183	1.485	-0.0121	1.963	0.0145	2.935	-0.0099	3.373	-0.0203	4.405	0.0445	4.963	0.0238	4.963	0.0238
19.245	0.431	0.0091	1.044	-0.009	1.513	0.0206	1.688	0.0248	2.687	-0.0244	3.043	0.0211	4.173	0.0327	3.722	0.0233	4.043	0.0238	4.963	0.0243
19.246	0.536	0.0091	1.044	-0.009	1.513	0.0206	1.688	0.0248	2.687	-0.0244	3.043	0.0211	4.173	0.0327	3.722	0.0233	4.043	0.0238	4.963	0.0243
19.247	0.403	-0.0042	1.044	-0.009	1.513	0.0206	1.688	0.0248	2.687	-0.0244	3.043	0.0211	4.173	0.0327	3.722	0.0233	4.043	0.0238	4.963	0.0243
19.248	0.565	-0.0039	0.741	-0.0084	1.84	-0.0139	2.479	-0.0202	1.913	-0.0208	2.232	-0.0105	3.022	-0.0236	4.908	0.0311	4.963	0.0286	4.963	0.0286
19.249	0.515	-0.0042	0.76	-0.0042	1.867	0.0154	2.297	-0.0187	1.827	-0.0207	2.343	0.0188	2.72	-0.0244	4.811	0.0248	4.963	0.0248	4.963	0.0248
19.250	0.441	-0.0042	0.794	-0.004	1.496	0.0204	2.377	-0.0196	1.868	0.0218	2.716	0.0423	3.246	-0.0248	4.963	0.0243	4.963	0.0243	4.963	0.0243
19.251	0.411	-0.0042	0.834	0.0148	1.33	-0.0151	1.868	-0.0196	2.331	0.0387	3.239	0.0517	2.961	0.0375	3.948	-0.0401	4.963	0.0244	4.963	0.0244
19.252	0.364	-0.0039	1.023	0.0191	1.184	0.0121	1.651	-0.0196	2.771	0.0428	3.669	0.0327	3.513	0.0574	3.518	-0.0401	4.963	0.0244	4.963	0.0244
19.253	0.334	-0.0012	1.176	0.0115	1.135	0	1.483	-0.0121	3.068	0.0423	3.701	-0.009	4.114	0.0547	3.132	-0.0338	4.684	0.0242	4.963	0.0242
19.254	0.323	-0.0042	1.176	0.0093	1.133	0.0193	1.483	-0.0121	3.068	0.0423	3.701	-0.009	4.114	0.0547	3.132	-0.0338	4.684	0.0242	4.963	0.0242
19.255	0.433	0.0094	1.054	-0.009	1.504	0.0208	1.687	0.0245	2.702	-0.0241	3.05	0.0328	4.195	0.0317	3.202	0.0233	4.045	0.0243	4.963	0.0243
19.256	0.541	0.0091	0.952	-0.009	1.798	0.0206	1.688	0.0248	2.611	-0.0244	2.725	-0.0202	3.756	0.0356	3.41	-0.019	4.186	0.0271	4.963	0.0243
19.257	0.413	-0.0042	1.176	0.009	1.135	0.0193	1.483	-0.0121	3.068	0.0423	3.701	-0.009	4.114	0.0547	3.132	-0.0338	4.684	0.0242	4.963	0.0242
19.258	0.577	-0.0038	0.752	-0.0084	1.84	-0.0139	2.453	-0.0202	1.927	-0.0208	2.238	-0.0108	3.039	-0.0236	4.908	0.0311	4.963	0.0286	4.963	0.0286
19.259	0.525	-0.0045	0.682	-0.0045	1.867	0.0151	2.301	-0.0187	1.826	-0.0207	2.338	0.0182	2.721	-0.0253	4.84	0.0268	4.783	0.0275	4.963	0.0243
19.260	0.472	-0.0042	0.703	-0.005	1.497	0.0154	2.059	-0.0199	1.974	0.0209	2.713	0.0423	3.246	-0.0249	4.668	0.0347	4.963	0.0243	4.963	0.0243
19.261	0.439	-0.0042	0.928	0.0145	1.331	0.0193	1.863	-0.0199	2.308	0.0384	3.233	0.0501	2.968	-0.0247	4.963	0.0243	4.963	0.0243	4.963	0.0243
19.262	0.374	-0.0039	1.013	0.0188	1.186	0.0121	1.656	-0.0193	2.774	0.0423	3.671	0.0338	3.513	0.0568	3.514	-0.0404	4.963	0.0244	4.963	0.0244
19.263	0.355	-0.0015	1.173	0.0121	1.139	0	1.491	-0.0121	3.068	0.0423	3.677	-0.009	4.104	0.0547	3.149	-0.0341	4.685	0.0245	4.963	0.0245
19.264	0.355	-0.0042	1.173	0.009	1.132	0.0193	1.483	-0.0121	3.068	0.0423	3.677	-0.009	4.104	0.0547	3.151	-0.0341	4.685	0.0245	4.963	0.0245
19.265	0.428	0.0088	1.05	-0.009	1.51	0.0206	1.679	0.0242	2.702	-0.0244	3.058	0.0322	4.196	0.0314	3.208	0.0238	4.044	0.0242	4.963	0.0242
19.266	0.484	0.0084	1.043	-0.009	1.505	0.0205	1.685	0.0245	2.702	-0.0244	3.058	0.0322	4.196	0.0314	3.208	0.0238	4.044	0.0242	4.963	0.0242
19.267	0.57	-0.0038	0.749	-0.0081	1.845	0.0159	2.454	-0.0202	1.927	-0.0211	2.241	-0.0105	3.039	-0.0236	4.907	0.0327	4.963	0.0285	4.963	0.0285
19.268	0.525	-0.0042	0.681	-0.008	1.865	0.0154	2.303	-0.0187	1.817	-0.0202	2.325	0.0179	2.719	-0.0253	4.844	0.0327	4.772	0.027	4.963	0.0243
19.269	0.465	-0.0045	0.681	-0.008	1.865	0.0154	2.303	-0.0187	1.817	-0.0202	2.325	0.0179	2.719	-0.0253	4.844	0.0327	4.772			

19.421	0.382	-0.0042	0.963	0.0182	1.191	-0.0126	1.688	-0.0193	2.676	0.0432	3.624	0.0376	3.426	0.0547	3.842	0.0407	4.963	0.0429	4.302	-0.0051
19.422	0.342	-0.0024	1.139	-0.0012	1.139	0	1.506	-0.0148	3.026	0.0267	3.723	-0.029	4.37	-0.0145	4.568	0.0235	4.784	0.0462	3.868	-0.0047
19.424	0.349	-0.0027	1.175	-0.0012	1.25	0.0154	1.465	0.0204	3.023	-0.0102	3.431	-0.029	4.387	-0.0145	4.292	0.0465	3.801	-0.0047	3.801	-0.0064
19.425	0.413	-0.0025	1.075	-0.0004	1.403	0.0154	1.535	-0.0125	2.754	-0.0241	3.206	-0.0203	4.225	-0.0120	3.52	0.0453	4.212	0.0465	3.52	-0.0051
19.426	0.517	0.0106	0.971	-0.0009	1.788	0.0269	1.956	0.0339	2.483	-0.0205	2.77	-0.0302	3.832	0.0353	3.595	0.0536	3.465	0.0298	4.964	0.0771
19.427	0.596	0.0084	0.869	-0.0009	1.949	0.0268	2.311	0.0321	2.218	-0.0244	2.459	-0.029	3.448	0.0359	4.259	0.0682	3.479	0.0136	4.963	0.0743
19.428	0.575	-0.0046	0.777	-0.0007	1.845	0.0136	1.960	0.0260	2.476	-0.0229	2.247	-0.0142	3.071	-0.0155	4.524	0.0447	3.919	0.0525	4.963	0.0628
19.429	0.524	-0.0042	0.691	-0.0009	1.673	0.0151	1.332	0.0181	1.817	-0.0147	2.301	-0.0141	2.738	0.0142	4.521	0.0305	4.433	0.0245	4.963	0.0542
19.430	0.471	-0.0042	0.683	0.0031	1.501	-0.0157	1.909	0.016	2.646	0.0309	2.634	0.039	4.963	0.0262	4.963	0.0262	4.963	0.0504	4.963	-0.0054
19.431	0.42	-0.0042	0.564	0.0127	1.537	0.0151	1.537	0.0151	1.885	0.0245	2.465	0.0301	3.413	0.0369	3.635	0.0369	4.523	0.0429	4.527	-0.0057
19.432	0.373	-0.0024	1.024	0.0064	1.537	0.0151	1.537	0.0151	1.885	0.0245	2.465	0.0301	3.413	0.0369	3.635	0.0369	4.523	0.0429	4.527	-0.0057
19.433	0.336	-0.0021	1.144	0.0157	1.133	-0.0008	1.504	-0.0148	3.028	0.0272	3.728	-0.0018	4.203	0.0571	3.228	-0.038	4.769	0.0482	3.807	-0.0047
19.434	0.344	-0.0024	1.185	0.0157	1.241	0.0151	1.463	0.0204	3.024	0.0307	3.728	-0.0287	4.393	0.0282	4.487	0.0462	3.802	0.007	4.963	0.0501
19.435	0.444	-0.0025	1.085	-0.0007	1.468	0.0175	1.535	0.0215	2.716	-0.0248	3.103	0.0287	4.244	0.0347	3.505	0.0365	3.465	0.0405	4.963	0.0514
19.436	0.52	0.0109	0.993	-0.0087	1.783	0.0272	1.955	0.0338	2.498	-0.0205	2.777	-0.0302	3.848	0.0353	3.576	0.0365	3.444	0.0296	4.964	0.0777
19.437	0.606	0.0087	0.879	-0.0009	1.949	0.0264	2.311	0.0323	2.232	-0.0241	2.465	-0.0209	3.405	0.0365	4.244	0.0685	3.457	0.0113	4.963	0.0743
19.438	0.585	-0.0036	0.778	-0.0004	1.846	0.0136	2.452	0.0285	1.977	0.0196	2.249	-0.0145	3.087	0.029	4.522	0.0453	3.896	0.0223	4.963	0.0529
19.439	0.535	-0.0024	0.924	0.0008	1.778	0.0268	1.783	0.0261	2.342	-0.0193	2.299	0.0193	3.751	0.0324	3.551	0.0365	3.457	0.0245	4.963	0.0542
19.440	0.481	-0.0045	0.688	0.0024	1.504	-0.0154	1.504	-0.0154	2.119	-0.0198	1.917	0.0157	2.839	0.0309	3.405	0.0365	4.244	0.0688	4.963	0.0594
19.441	0.431	-0.0042	0.78	0.0121	1.34	0.0151	1.904	-0.0199	2.355	0.0354	3.151	0.0514	3.842	0.0327	4.085	0.0407	4.963	0.0518	4.835	0.0501
19.442	0.381	-0.0024	0.96	0.0162	1.501	-0.0157	1.501	-0.0157	1.885	0.0245	2.465	0.0301	3.413	0.0369	3.635	0.0369	4.523	0.0429	4.527	-0.0051
19.443	0.342	-0.0024	1.135	0.0154	1.39	-0.0003	1.508	-0.0148	3.028	0.0272	3.724	-0.0015	4.204	0.0568	3.247	-0.038	4.769	0.0482	3.807	-0.0047
19.444	0.346	0.0027	1.181	0.0149	1.249	0.0154	1.463	0.0219	3.04	-0.0093	3.444	-0.029	4.203	0.0571	3.228	-0.038	4.769	0.0482	3.807	-0.0047
19.445	0.414	0.0085	1.081	-0.0007	1.497	0.0212	1.82	0.0205	2.760	-0.0241	3.112	-0.0205	4.243	0.0347	3.505	0.0405	4.224	0.0509	4.963	0.0514
19.446	0.514	-0.0024	1.079	0.0007	1.789	0.0272	1.955	0.0338	2.499	0.0247	2.733	0.0300	3.447	0.0365	3.575	0.0362	3.493	0.0409	4.963	0.0528
19.447	0.598	0.0084	0.875	-0.0009	1.562	0.0264	2.305	0.0327	2.234	-0.0244	2.471	-0.029	3.405	0.0359	4.239	0.0685	3.473	0.0124	4.963	0.0734
19.448	0.578	-0.0013	0.778	-0.0007	1.851	0.0219	1.978	0.0229	2.482	0.0245	2.482	0.0245	3.084	0.0363	4.043	0.0483	4.963	0.0523	4.963	0.0523
19.449	0.527	-0.0024	0.922	0.0008	1.572	0.0265	1.955	0.0338	2.499	0.0247	2.482	0.0245	3.084	0.0363	4.239	0.0685	3.473	0.0124	4.963	0.0528
19.450	0.473	-0.0042	0.686	0.0027	1.506	-0.0157	1.506	-0.0157	2.119	-0.0196	1.917	0.0151	2.839	0.0309	3.405	0.0365	4.242	0.0688	4.963	0.0554
19.451	0.423	-0.0042	0.773	0.0121	1.337	0.0151	1.904	-0.0196	2.22	0.0265	3.051	0.0517	2.884	0.0327	4.086	0.0407	4.963	0.0517	4.833	-0.0051
19.452	0.385	-0.0024	0.919	0.0008	1.569	-0.0152	1.569	-0.0152	2.119	-0.0196	1.917	0.0151	2.839	0.0309	3.405	0.0365	4.242	0.0688	4.963	0.0554
19.453	0.338	-0.0024	1.139	0.0157	1.137	0.0151	1.503	-0.0168	2.048	0.0272	3.022	-0.0012	4.015	0.0574	3.248	-0.038	4.769	0.0482	3.807	-0.0047
19.454	0.345	0.0031	1.185	0.0151	1.243	0.0151	1.467	0.0215	3.037	0.0267	3.434	-0.0287	4.384	0.0223	4.239	0.02				

19.07	0.688	0.079	0.9	-0.009	1.948	0.0103	2.253	0.034	2.281	-0.0344	2.505	-0.0296	3.501	-0.0363	4.963	0.0647	3.438	0.004	4.963	0.0731
19.08	0.584	-0.003	0.802	-0.009	1.853	-0.013	2.475	0.0133	2.023	-0.0288	2.204	-0.0179	3.125	-0.0205	4.959	0.0553	3.792	0.0045	4.963	0.0712
19.09	0.533	-0.0045	0.71	-0.0072	1.882	0.0151	2.377	-0.0186	1.834	-0.013	2.27	0.0094	2.774	-0.0208	4.957	0.0685	4.453	0.0068	4.963	0.0744
19.10	0.491	-0.002	0.824	0.003	1.51	0.0144	2.059	0.015	1.825	0.0103	2.275	0.0303	3.423	-0.0241	4.951	0.0534	4.903	0.0059	4.963	0.0707
19.11	0.429	-0.0042	0.744	0.0103	1.346	-0.0151	1.938	-0.0196	2.136	0.0201	3.071	0.0508	2.83	-0.0287	4.165	0.0404	4.963	0.0237	4.963	0.0657
19.12	0.381	-0.0042	0.905	0.0173	1.195	-0.013	2.558	0.0432	3.567	0.0435	3.324	0.0532	3.755	-0.0407	4.963	0.0386	4.283	0.0051	4.963	0.0601
19.13	0.34	-0.0003	1.097	0.0162	1.133	0.0142	2.531	-0.0163	2.964	0.0359	3.745	0.0625	3.537	-0.0509	3.84	-0.0105	4.963	0.0269	4.267	0.0049
19.14	0.338	-0.002	1.002	0.0049	1.322	0.0146	1.457	0.0108	1.708	0.0108	3.491	0.0281	3.031	-0.0281	4.365	0.0404	4.963	0.0306	4.389	0.0096
19.15	0.397	0.0079	1.12	-0.0081	1.475	0.0108	1.589	0.0182	2.835	-0.0255	3.16	-0.0302	4.204	0.0208	3.009	0.0115	4.963	0.0459	4.239	0.0056
19.16	0.501	0.012	1.013	-0.0037	1.769	0.0163	2.031	0.0321	2.558	-0.0247	2.831	-0.0302	3.903	0.0463	3.502	-0.0332	4.963	0.0777	4.963	0.0771
19.17	0.599	0.002	0.591	0.0009	1.446	0.0103	2.335	0.0204	2.253	0.0204	2.518	0.0203	3.114	0.0407	3.037	0.0237	4.963	0.0737	4.963	0.0731
19.18	0.595	-0.0027	0.81	-0.0087	1.895	-0.0133	2.476	-0.0139	2.038	-0.0235	2.269	-0.0181	3.138	0.0263	4.694	0.0568	3.765	0.0212	4.963	0.0444
19.19	0.544	-0.0045	0.871	-0.0081	1.884	0.0154	2.377	0.0184	1.834	0.0154	2.273	0.0091	2.789	0.0202	4.95	0.0103	4.442	0.0704	4.963	0.0444
19.20	0.442	-0.0042	0.877	0.0009	1.511	0.0145	2.046	0.0146	1.871	0.0171	2.571	0.0307	2.409	0.0405	4.963	0.0701	4.963	0.0707	4.963	0.0707
19.21	0.391	-0.0042	0.874	0.0009	1.347	-0.0151	1.943	-0.0196	2.14	0.0181	3.067	0.0605	2.841	0.0284	4.212	0.0407	4.963	0.0254	4.813	0.0657
19.22	0.391	-0.0042	0.897	0.0173	1.197	0.0137	1.732	-0.0196	2.562	0.0428	3.564	0.0435	3.329	-0.0407	4.963	0.0398	4.291	0.0051	4.963	0.0651
19.23	0.349	-0.0045	0.74	0.0009	1.347	-0.0151	1.943	-0.0196	2.14	0.0181	3.067	0.0605	2.841	0.0284	4.212	0.0407	4.963	0.0254	4.813	0.0657
19.24	0.391	-0.0042	0.868	0.0173	1.137	0.012	2.53	0.0181	2.963	0.0339	3.747	0.0601	3.34	-0.0398	4.362	0.0204	4.963	0.0332	4.283	0.0056
19.25	0.347	-0.0027	1.086	0.0179	1.137	0.0137	2.539	0.0181	2.963	0.0339	3.747	0.0601	3.34	-0.0398	4.362	0.0204	4.963	0.0332	4.283	0.0056
19.26	0.398	0.0079	1.12	-0.0084	1.475	0.0257	1.587	0.0179	2.834	-0.0238	3.165	-0.0302	4.289	0.0202	3.025	0.0103	3.934	0.0259	4.244	0.0052
19.27	0.396	0.0073	1.114	-0.0084	1.482	0.0257	1.583	0.0179	2.837	-0.0238	3.165	-0.0302	4.295	0.0205	3.032	0.0108	3.934	0.0259	4.244	0.0052
19.28	0.495	0.0106	1.01	-0.009	1.776	0.0278	1.884	0.0218	2.384	-0.0244	2.836	-0.0308	3.302	0.0208	3.413	0.0456	4.963	0.0458	4.244	0.0052
19.29	0.341	-0.0005	1.055	0.0055	1.322	0.0145	2.405	0.0145	2.539	0.0205	3.255	0.0305	3.744	0.0404	3.344	0.0204	4.963	0.0458	4.244	0.0052
19.30	0.588	-0.003	0.808	-0.0087	1.859	-0.0133	2.476	0.0145	2.039	-0.0238	2.274	-0.0184	3.137	0.0208	4.688	0.0568	3.774	0.0444	4.963	0.0203
19.31	0.536	-0.0039	0.715	-0.0075	1.688	0.0154	2.384	-0.0163	1.842	-0.0159	2.275	0.0088	2.785	0.0305	4.949	0.0168	4.444	0.0701	4.963	0.0444
19.32	0.485	-0.0042	0.677	-0.0003	1.516	0.0137	2.045	-0.0196	1.869	0.0107	2.275	0.0307	2.632	0.0554	2.834	0.0454	4.963	0.0608	4.244	0.0704
19.33	0.433	-0.0042	0.743	0.0009	1.549	0.0154	2.046	0.0146	1.871	0.0131	2.275	0.0307	2.632	0.0554	2.834	0.0454	4.963	0.0608	4.244	0.0704
19.34	0.384	-0.0042	0.901	0.0173	1.198	-0.013	2.551	0.0249	3.551	0.0432	3.321	0.0526	3.776	-0.0407	4.963	0.0383	4.272	0.0056	4.963	0.0648
19.35	0.342	-0.0027	1.089	0.0179	1.137	0.012	2.561	0.0242	3.561	0.0436	3.326	0.0526	3.847	0.0406	4.963	0.0386	4.272	0.0056	4.963	0.0648
19.36	0.338	-0.0029	1.029	0.0055	1.236	0.0145	2.045	0.0146	1.871	0.0131	2.275	0.0307	2.632	0.0554	2.834	0.0454	4.963	0.0608	4.244	0.0704
19.37	0.309	0.0079	1.12	-0.0084	1.475	0.0257	1.587	0.0179	2.834	-0.0238	3.165	-0.0302	4.289	0.0202	3.025	0.0103	3.934	0.0259	4.244	0.0056
19.38	0.396	0.0073	1.12	-0.0084	1.475	0.0257	1.587	0.0179	2.834	-0.0238	3.165	-0.0302	4.289	0.0202	3.025	0.0103	3.934	0.0259	4.244	0.0056
19.39	0.396	0.0073	1.12	-0.0084	1.475	0.0257	1.587	0.0179	2.834	-0.0238	3.165	-0.0302	4.289	0.0202	3.025	0.0103	3.934	0.0259	4.244	0.0056

19.70	0.39	-0.0330	0.849	0.0157	1.201	0.013	1.764	-0.0196	2.449	0.0411	3.5	0.0486	3.243	0.0508	3.876	-0.041	4.963	0.0356	4.264	-0.0498
19.70	0.37	-0.0333	1.039	0.0191	1.152	0.01	1.225	-0.0051	1.564	0.0394	3.542	-0.0272	4.33	0.0599	3.851	-0.0314	4.963	0.0453	3.847	-0.032
19.70	0.33	-0.0321	1.039	0.0191	1.152	0.01	1.423	-0.0030	1.545	0.0394	2.938	-0.0230	2.71	0.0303	3.242	-0.0250	4.963	0.0396	3.819	-0.0308
19.70	0.33	-0.0321	1.039	0.0191	1.152	0.01	1.423	-0.0030	1.545	0.0394	2.938	-0.0230	2.71	0.0303	3.242	-0.0250	4.963	0.0396	3.819	-0.0308
19.70	0.481	-0.0309	1.045	-0.009	1.767	0.0294	1.823	0.0305	2.626	-0.0244	2.881	0.0302	3.959	0.0347	3.268	0.0375	3.576	0.0389	4.963	0.0381
19.70	0.584	-0.0304	0.943	-0.009	1.943	0.0118	2.188	0.0351	2.357	-0.0265	2.962	0.0296	3.575	0.0359	3.851	0.0362	4.963	0.0372	3.963	0.0382
19.70	0.650	-0.0309	1.84	-0.009	1.863	0.0113	2.455	0.0194	2.604	-0.0211	2.963	0.0211	3.295	-0.0219	3.575	0.0356	3.609	0.0363	4.963	0.0381
19.70	0.554	-0.0342	1.743	-0.0084	1.891	0.0124	2.431	0.0191	2.621	-0.0212	2.951	0.0214	3.294	-0.0223	3.575	0.0356	3.609	0.0363	4.963	0.0381
19.8	0.502	-0.0342	0.68	-0.008	1.52	0.0154	2.201	-0.0193	1.84	0.0204	2.506	0.0321	2.64	0.0299	4.774	-0.0314	4.963	0.0374	4.963	0.0381
19.801	0.449	-0.0345	0.711	0.004	1.353	0.0151	1.982	0.0178	2.506	0.0266	2.982	0.0406	2.788	0.0239	4.332	-0.0398	4.963	0.0375	4.793	-0.051
19.802	0.339	-0.0343	0.543	0.0157	1.233	0.013	1.763	0.0178	2.451	0.0241	3.498	0.0373	3.244	0.0247	3.603	0.0341	3.237	0.0348	4.963	0.0371
19.803	0.353	-0.0338	1.03	0.0188	1.135	-0.021	1.568	-0.0181	2.881	0.0394	3.749	0.0177	3.853	0.0359	3.478	-0.0401	4.963	0.0363	3.898	0.0371
19.804	0.338	-0.0338	1.03	0.0188	1.135	-0.021	1.568	-0.0181	2.881	0.0394	3.749	0.0177	3.853	0.0359	3.478	-0.0401	4.963	0.0363	3.898	0.0371
19.805	0.107	-0.0321	1.174	0.0106	1.459	0.034	1.466	0.0142	2.890	0.0223	3.205	0.0344	4.334	0.0126	2.867	0.0326	4.039	0.0344	4.527	0.0354
19.806	0.334	-0.0321	1.145	0.0106	1.468	0.0347	1.465	0.0142	2.891	0.0226	3.214	0.0344	4.334	0.0127	2.867	0.0326	4.039	0.0344	4.527	0.0354
19.806	0.473	-0.0303	1.041	-0.009	1.761	0.0281	1.816	0.0303	2.626	-0.0244	2.887	0.0302	3.959	0.0335	3.574	0.0368	3.598	0.0389	4.963	0.0371
19.807	0.575	-0.0304	0.904	-0.009	1.946	0.0115	2.181	0.0354	2.359	-0.0225	2.566	0.0296	3.573	0.0359	3.849	0.0367	4.963	0.0371	3.970	0.0389
19.808	0.598	-0.0309	0.837	-0.007	1.865	-0.013	2.453	0.02	2.906	-0.0241	3.201	0.0318	3.193	0.0356	4.528	0.0365	3.666	0.0363	4.963	0.0372
19.809	0.545	-0.0305	0.741	-0.007	1.504	0.0124	1.875	0.0174	2.573	0.0273	2.930	0.0344	3.233	0.0323	4.252	0.0365	3.609	0.0363	4.963	0.0371
19.810	0.495	-0.0342	0.68	-0.003	1.522	0.0154	1.834	-0.0154	2.205	0.0266	2.508	0.0318	3.233	0.0319	4.776	-0.0308	4.963	0.0374	4.963	0.0381
19.811	0.44	-0.0342	0.71	0.004	1.355	0.0154	1.986	-0.0199	2.447	0.0266	2.797	0.0321	4.487	0.0257	4.335	-0.0404	4.963	0.0375	4.771	0.0371
19.812	0.333	-0.0338	1.041	0.0107	1.203	0.013	1.770	-0.0191	2.447	0.0266	2.797	0.0321	4.487	0.0257	4.335	-0.0404	4.963	0.0375	4.771	0.0371
19.813	0.349	-0.0333	1.034	0.0108	1.134	-0.021	1.568	-0.0181	2.871	0.0387	3.738	0.0124	3.843	0.0359	3.479	-0.0404	4.963	0.0375	3.898	0.0371
19.814	0.335	-0.0309	1.179	0.0106	1.226	0.0139	1.459	0.0154	2.890	0.0223	3.205	0.0344	4.334	0.0126	2.867	0.0326	4.039	0.0344	4.527	0.0354
19.815	0.381	-0.0307	1.15	-0.009	1.459	0.034	1.466	0.0142	2.890	0.0223	3.205	0.0344	4.334	0.0126	2.867	0.0326	4.039	0.0344	4.527	0.0354
19.816	0.349	-0.0305	1.046	-0.009	1.754	0.0154	1.821	0.018	2.354	-0.0247	2.571	0.0299	3.577	0.0362	3.825	0.0361	4.963	0.0373	3.970	0.0389
19.817	0.582	-0.0307	0.943	-0.009	1.508	0.0115	2.183	0.0351	2.359	-0.0247	2.557	0.0299	3.567	0.0359	3.838	0.0366	4.963	0.0373	3.970	0.0389
19.818	0.606	-0.0309	0.842	-0.009	1.508	0.0115	2.183	0.0351	2.359	-0.0247	2.557	0.0299	3.567	0.0359	3.838	0.0366	4.963	0.0373	3.970	0.0389
19.819	0.554	-0.0305	1.034	-0.009	1.744	-0.023	1.507	0.0115	2.359	-0.0247	2.557	0.0299	3.567	0.0359	3.838	0.0366	4.963	0.0373	3.970	0.0389
19.820	0.502	-0.0345	0.68	-0.008	1.516	0.0154	2.204	0.0193	2.499	0.0294	3.205	0.0318	3.193	0.0318	4.776	-0.0299	4.963	0.0374	4.789	0.0367
19.821	0.449	-0.0342	0.705	0.001	1.349	0.0154	1.984	-0.0196	2.447	0.0266	2.965	0.0321	4.233	0.0277	4.322	0.0305	4.963	0.0373	4.789	0.0367
19.822	0.349	-0.0303	1.021	0.0101	1.133	0.0151	1.501	0.0154	2.204	0.0193	2.499	0.0294	3.205	0.0318	3.193	0.0318	4.776	-0.0299	4.963	0.0374
19.823	0.353	-0.0333	1.021	0.0102	1.224	0.0136	1.458	0.0142	2.204	0.0266	3.205	0.0318	3.193	0.0318	4.776	-0.0299	4.963	0.0374	4.789	0.0367</

19.077	0.566	0.016	0.975	-0.009	1.943	0.0127	2.119	0.0354	2.431	-0.025	2.609	-0.0296	3.63	0.0359	3.668	0.0568	3.4	0.0145	4.963	0.071	
19.078	0.611	0.0012	0.872	-0.0093	1.875	-0.0124	2.426	0.0239	2.157	-0.0241	2.326	-0.0241	3.246	0.0356	4.349	0.0665	3.564	0.0278	4.963	0.016	
19.079	0.564	-0.0036	0.773	-0.0087	1.7	0.0154	2.454	-0.0057	1.919	-0.0208	2.234	-0.0099	2.883	0.0335	4.876	0.0393	4.123	0.0617	4.963	-0.0456	
19.080	0.511	0.0045	0.602	0.0006	1.920	0.0124	2.343	0.0241	1.719	0.0221	2.444	0.0270	2.623	0.0342	4.245	0.0345	4.262	0.0352	4.963	-0.0007	
19.081	0.459	-0.0042	0.689	0.0034	1.363	-0.0151	2.023	-0.0196	1.98	0.0218	2.862	0.0475	2.749	0.0194	4.462	-0.0365	4.963	0.049	4.771	-0.051	
19.082	0.408	-0.0042	0.795	0.0133	1.21	-0.0133	1.807	-0.0199	2.348	0.0387	3.421	0.0499	3.174	0.0475	4.023	-0.0407	4.963	-0.0096	4.25	-0.0448	
19.083	0.562	-0.0036	0.872	0.0185	1.135	-0.003	1.803	-0.0187	2.743	0.042	3.734	0.0194	3.769	0.0565	3.569	-0.0064	4.963	-0.0447	3.844	-0.0205	
19.084	0.339	0.0006	1.143	0.0148	1.222	0.0189	1.444	-0.0037	1.067	0.0165	3.601	0.0264	4.299	0.0147	3.157	-0.0371	4.625	-0.0462	3.838	-0.0237	
19.085	0.369	0.0055	1.174	-0.0021	1.454	0.0254	1.509	0.0109	2.97	-0.0199	3.268	-0.0302	4.375	-0.0006	2.867	0.0105	4.141	-0.0462	4.299	0.0563	
19.086	0.454	0.01	1.071	-0.0034	1.751	0.0284	1.755	0.0278	2.693	-0.0244	2.308	-0.0202	4.015	0.0347	3.155	0.0268	3.68	-0.0426	4.963	0.0786	
19.087	0.439	0.0013	0.571	0.0039	1.645	0.0234	2.111	0.0254	2.425	-0.0265	2.619	-0.0202	3.238	0.0369	3.646	0.0362	3.421	0.0148	4.963	0.0503	
19.088	0.602	0.0015	0.866	-0.0037	1.879	-0.0124	2.423	0.0245	2.18	-0.0244	2.332	-0.0241	3.245	0.0358	4.341	0.0682	3.577	0.0272	4.963	0.0148	
19.089	0.555	-0.0042	0.769	-0.009	1.705	0.0154	2.458	-0.0051	1.921	-0.0208	2.239	-0.0099	2.88	0.0338	4.869	0.0396	4.129	0.0614	4.963	-0.0459	
19.090	0.503	0.0042	0.689	-0.0037	1.532	0.0184	2.247	0.0119	1.822	0.0204	2.448	0.0271	2.649	0.0345	4.465	0.0242	4.881	0.0143	4.963	-0.0207	
19.091	0.445	-0.0042	0.688	0.0034	1.365	-0.0154	2.027	-0.0198	1.974	0.0212	2.893	0.0472	2.741	0.0191	4.459	-0.0388	4.963	0.0493	4.751	-0.051	
19.092	0.4	-0.0042	0.796	0.0133	1.213	-0.0133	1.812	-0.0198	2.336	0.0384	3.417	0.0493	3.168	0.0472	4.023	-0.0407	4.963	0.0399	4.23	-0.0495	
19.093	0.356	-0.0036	0.975	0.0182	1.135	-0.003	1.607	-0.0187	2.774	0.0423	3.727	0.0191	3.759	0.0569	3.569	-0.0407	4.963	-0.0447	3.826	-0.0208	
19.094	0.333	0.0006	1.149	0.0148	1.23	0.0139	1.485	-0.0064	1.904	0.0188	3.598	0.0244	3.593	0.0241	4.233	0.0171	3.196	-0.0365	4.627	0.0465	3.193
19.095	0.368	0.0058	1.179	-0.0018	1.45	0.0251	1.514	0.0108	2.968	-0.0193	3.258	-0.0302	4.37	0.0054	2.882	-0.0111	4.143	-0.0462	4.286	0.0556	
19.096	0.457	0.01	1.077	-0.0034	1.745	0.0284	1.761	0.0275	2.69	-0.0244	2.929	-0.0302	4.012	0.0344	3.145	0.0263	3.681	-0.0429	4.963	0.0795	
19.097	0.484	0.013	0.971	-0.0031	1.589	0.0171	1.721	0.0247	2.457	-0.0267	2.603	-0.0202	3.223	0.0369	3.643	0.0373	3.417	0.0151	4.963	0.0719	
19.098	0.81	0.0015	0.872	-0.009	1.873	-0.0124	2.421	0.0245	2.156	-0.0241	2.322	-0.0241	3.243	0.0358	4.329	0.0685	3.587	0.0298	4.963	0.016	
19.099	0.562	-0.0042	0.772	0.0154	1.697	-0.0057	2.454	-0.019	1.919	-0.0205	2.228	-0.0012	2.876	0.0338	4.863	0.0402	4.117	0.0611	4.963	-0.0459	
20	0.51	-0.0042	0.692	-0.006	1.526	-0.0154	2.246	-0.0193	1.818	-0.0024	2.432	0.0278	2.646	-0.0145	4.886	-0.0113	4.87	0.0743	4.963	-0.0507	