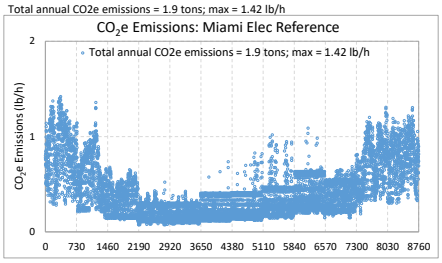
		405.382	4529.875	15967.13	0	0	0	LRMER	gas_CO2	3789.958269	0	3789.95827
Julian Date	Hour	Cooling To	Heating Tc	Energy Tot	GasHeat T	GasDHW	GasTotal (	lbCO2/kWh	lbCO2/therm	elecCO2	gas lbCO2	tot CO2
1	1	0	1.753	2.417116	0	0	0	0.33180722	11.76	0.802016429	0	0.80201643
1	2	0	1.799	2.345904	0	0	0	0.33250279	11.76	0.780019735	0	0.78001973
1	3	0	1.767	2.235429	0	0	0	0.33999153	11.76	0.760026771	0	0.76002677
1	4	0	1.722	2.275651	0	0	0	0.33646699	11.76	0.765681514	0	0.76568151
1	5	0	1.531	2.132659	0	0	0	0.32953665	11.76	0.702789361	0	0.70278936
1	6	0	1.169	2.158058	0	0	0	0.33129482	11.76	0.714953334	0	0.71495333
1	7	0	1.243	2.491604	0	0	0	0.32969462	11.76	0.821468373	0	0.82146837
1	8	0	1.318	2.922343	0	0	0	0.28923602	11.76	0.845246721	0	0.84524672
1	9	0	1.096	2.521513	0	0	0	0.23606675	11.76	0.595245475	0	0.59524548
1	10	0	1.004	2.428332	0	0	0	0.23576621	11.76	0.572518609	0	0.57251861
1	11	0	0.796	2.131327	0	0	0	0.23986073	11.76	0.51122174	0	0.51122174
1	12	0	0.747	2.035866	0	0	0	0.246222	11.76	0.501275118	0	0.50127512
1	13	0	1.098	2.33718	0	0	0	0.2441915	11.76	0.570719473	0	0.57071947
1	14	0	1.058	2.224062	0	0	0	0.232244	11.76	0.516525104	0	0.5165251
1	15	0	1	2.218726	0	0	0	0.23972633	11.76	0.531886961	0	0.53188696
1	16	0	1.154	2.41344	0	0	0	0.28390243	11.76	0.685181416	0	0.68518142
1	17	0	1.21	2.713949	0	0	0	0.34069412	11.76	0.924626534	0	0.92462653
1	18	0	1.104	2.972422	0	0	0	0.33532817	11.76	0.996736943	0	0.99673694
1	19	0	1.167	3.125834	0	0	0	0.34048122	11.76	1.064287947	0	1.06428795
1	20	0	1.139	3.290975	0	0	0	0.33590086	11.76	1.105441365	0	1.10544136
1	21	0	1.285	3.378969	0	0	0	0.33767729	11.76	1.141001003	0	1.141001
1	22	0	1.306	3.144728	0	0	0	0.33481558	11.76	1.05290406	0	1.05290406
1	23	0	1.387	2.802	0	0	0	0.32574867	11.76	0.912747789	0	0.91274779
1	24	0	1.516	2.631885	0	0	0	0.32693079	11.76	0.860444183	0	0.86044418
2	1	0	1.465	2.129116	0	0	0	0.33180722	11.76	0.706455915	0	0.70645592
2	2	0	1.586	2.132904	0	0	0	0.33250279	11.76	0.709196621	0	0.70919662
2	3	0	1.605	2.073429	0	0	0	0.33999153	11.76	0.704948164	0	0.70494816
2	4	0	1.482	2.035651	0	0	0	0.33646699	11.76	0.684929434	0	0.68492943
2	5	0	1.52	2.121659	0	0	0	0.32953665	11.76	0.699164406	0	0.69916441
2	6	0	1.509	2.498058	0	0	0	0.33129482	11.76	0.827593544	0	0.82759354
2	7	0	1.418	2.666604	0	0	0	0.32969462	11.76	0.879164994	0	0.87916499
2	8	0	1.266	2.870342	0	0	0	0.28923602	11.76	0.830206435	0	0.83020644
2	9	0	1.334	2.759514	0	0	0	0.23606675	11.76	0.651429397	0	0.6514294
2	10	0	1.224	2.648332	0	0	0	0.23576621	11.76	0.624387239	0	0.62438724
2	11	0	0.901	2.236327	0	0	0	0.23986073	11.76	0.536407121	0	0.53640712
2	12	0	0.719	2.007866	0	0	0	0.246222	11.76	0.494380874	0	0.49438087
2	13	0	0.816	2.05518	0	0	0	0.2441915	11.76	0.501857453	0	0.50185745
2	14	0	0.73	1.896062	0	0	0	0.232244	11.76	0.440349056	0	0.44034906
2	15	0	0.823	2.041726	0	0	0	0.23972633	11.76	0.48945539	0	0.48945539
2	16	0	0.857	2.11644	0	0	0	0.28390243	11.76	0.600862413	0	0.60086241
2	17	0	0.81	2.313949	0	0	0	0.34069412	11.76	0.788348854	0	0.78834885
2	18	0	0.69	2.558423	0	0	0	0.33532817	11.76	0.85791115	0	0.85791115
2	19	0	0.714	2.672834	0	0	0	0.34048122	11.76	0.910049928	0	0.91004993
2	20	0	0.675	2.826975	0	0	0	0.33590086	11.76	0.94958337	0	0.94958337
2	21	0	0.801	2.894969	0	0	0	0.33767729	11.76	0.977565124	0	0.97756512
2	22	0	0.962	2.800728	0	0	0	0.33481558	11.76	0.937727468	0	0.93772747
2	23	0	1.098	2.513	0	0	0	0.32574867	11.76	0.818606412	0	0.81860641
2	24	0	1.113	2.228885	0	0	0	0.32693079	11.76	0.728691036	0	0.72869104
3	1	0	1.127	1.791116	0	0	0	0.33180722	11.76	0.594305096	0	0.5943051
3	2	0	0.925	1.471904	0	0	0	0.33250279	11.76	0.489412275	0	0.48941227
3	3	0	0.952	1.419429	0	0	0	0.33999153	11.76	0.482593732	0	0.48259373
3	4	0	1.011	1.563651	0	0	0	0.33646699	11.76	0.526116973	0	0.52611697
3	5	0	1.119	1.719659	0	0	0	0.32953665	11.76	0.56669069	0	0.56669069
3	6	0	1.054	2.043058	0	0	0	0.33129482	11.76	0.676854426	0	0.67685443
3	7	0	0.988	2.236604	0	0	0	0.32969462	11.76	0.737396287	0	0.73739629
3	8	0	1.11	2.714342	0	0	0	0.28923602	11.76	0.785085576	0	0.78508558
3	9	0	1.14	2.565514	0	0	0	0.23606675	11.76	0.605632447	0	0.60563245
3	10	0	1.069	2.493332	0	0	0	0.23576621	11.76	0.587843426	0	0.58784343
3	11	0	0.588	1.923327	0	0	0	0.23986073	11.76	0.461330722	0	0.46133072
3	12	0	0.731	2.019866	0	0	0	0.246222	11.76	0.497335558	0	0.49733556
3	13	0	0.532	1.77118	0	0	0	0.2441915	11.76	0.432507086	0	0.43250709
3	14	0	0.494	1.660062	0	0	0	0.232244	11.76	0.385539457	0	0.38553946
3	15	0	0.573	1.791726	0	0	0	0.23972633	11.76	0.429523837	0	0.42952384
3	16	0	0.721	1.98044	0	0	0	0.28390243	11.76	0.562251672	0	0.56225167
3	17	0	0.829	2.332949	0	0	0	0.34069412	11.76	0.794822061	0	0.79482206
3	18	0	0.855	2.723423	0	0	0	0.33532817	11.76	0.913240285	0	0.91324029
3	19	0	0.902	2.860834	0	0	0	0.34048122	11.76	0.974060386	0	0.97406039
3	20	0	0.849	3.000975	0	0	0	0.33590086	11.76	1.008030128	0	1.00803013
3	21	0	0.892	2.985969	0	0	0	0.33767729	11.76	1.008293785	0	1.00829378
3	22	0	0.932	2.770728	0	0	0	0.33481558	11.76	0.92768301	0	0.92768301
3	23	0	1.029	2.444	0	0	0	0.32574867	11.76	0.796129752	0	0.79612975
3	24	0	1.207	2.322885	0	0	0	0.32693079	11.76	0.759422563	0	0.75942256
4	1	0	1.386	2.050116	0	0	0	0.33180722	11.76	0.680243146	0	0.68024315
4	2	0	1.413	1.959904	0	0	0	0.33250279	11.76	0.651673607	0	0.65167361
4	3	0	1.47	1.938429	0	0	0	0.33999153	11.76	0.659049311	0	0.65904931
4	4	0	1.613	2.166651	0	0	0	0.33646699	11.76	0.729006623	0	0.72900662
4	5	0	1.633	2.234659	0	0	0	0.32953665	11.76	0.736402098	0	0.7364021
4	6	0	1.647	2.636058	0	0	0	0.33129482	11.76	0.873312233	0	0.87331223
4	7	0	1.461	2.709604	0	0	0	0.32969462	11.76	0.893341778	0	0.89334178
4	8	0	1.677	3.281343	0	0	0	0.28923602	11.76	0.949082443	0	0.94908244
4	9	0	1.563	2.988513	0	0	0	0.23606675	11.76	0.705488647	0	0.70548865
4	10	0	1.561	2.985332	0	0	0	0.23576621	11.76	0.703840428	0	0.70384043
4	11	0	1.204	2.539327	0	0	0	0.23986073	11.76	0.609084915	0	0.60908491
4	12	0	1.086	2.374866	0	0	0	0.246222	11.76	0.584744372	0	0.58474437
4	13	0	0.797	2.03618	0	0	0	0.2441915	11.76	0.49721786	0	0.49721786
4	14	0	0.757	1.923062	0	0	0	0.232244	11.76	0.446619632	0	0.44661963
4	15	0	0.685	1.903726	0	0	0	0.23972633	11.76	0.456373183	0	0.45637318
4	16	0	0.721	1.98044	0	0	0	0.28390243	11.76	0.562251672	0	0.56225167
4	17	0	0.845	2.348949	0	0	0	0.34069412	11.76	0.800273096	0	0.8002731
4	18	0	0.914	2.782423	0	0	0	0.33532817	11.76	0.933024652	0	0.93302465
4	19	0	1.18	3.138834	0	0	0	0.34048122	11.76	1.068714206	0	1.06871421
4	20	0	1.237	3.388975	0	0	0	0.33590086	11.76	1.138359665	0	1.13835967
4	21	0	1.285	3.378969	0	0	0	0.33767729	11.76	1.141001003	0	1.141001
4	22	0	1.361	3.199728	0	0	0	0.33481558	11.76	1.071318939	0	1.07131894
4	23	0	1.621	3.036	0	0	0	0.32574867	11.76	0.988972967	0	0.98897297
4	24	0	1.791	2.906885	0	0	0	0.32693079	11.76	0.950350103	0	0.9503501
5	1	0	2.103	2.767116	0	0	0	0.33180722	11.76	0.918148923	0	0.91814892
5	2	0	2.114	2.660904	0	0	0	0.33250279	11.76	0.884758052	0	0.88475805
5	3	0	2.205	2.673429	0	0	0	0.33999153	11.76	0.908943047	0	0.90894305
5	4	0	2.41	2.963651	0	0	0	0.33646699	11.76	0.997170791	0	0.99717079
5	5	0	2.454	3.055659	0	0	0	0.32953665	11.76	1.006951639	0	1.00695164
5	6	0	2.534	3.523058	0	0	0	0.33129482	11.76	1.167170766	0	1.16717077
5	7	0	2.338	3.586604	0	0	0	0.32969462	11.76	1.182483908	0	1.18248391
5	8	0	2.334	3.938343	0	0	0	0.28923602	11.76	1.139110526	0	1.13911053
5	9	0	2.039	3.464514	0	0	0	0.23606675	11.76	0.817856491	0	0.81785649
5	10	0	1.146	2.570332	0	0	0	0.23576621	11.76	0.605997458	0	0.60599746
5	11	0	1.419	2.754327	0	0	0	0.23986073	11.76	0.660654951	0	0.66065495
5	12	0	1.334	2.622866	0	0	0	0.246222	11.76	0.645807405	0	0.64580741
5	13	0	1.325	2.56418	0	0	0	0.2441915	11.76	0.626150943	0	0.62615094

Total annual CO2e emissions = 1.9 tons; max = 1.42 lb/h



5	14	0	0.567	1.733062	0	0	0	0.232244	11.76	0.402493286	0	0.40249329
5	15	0	0.096	1.314726	0	0	0	0.23972633	11.76	0.315174378	0	0.31517438
5	16	0	0.096	1.35544	0	0	0	0.28390243	11.76	0.384812651	0	0.38481265
5	17	0	0.253	1.755949	0	0	0	0.34069412	11.76	0.598241505	0	0.59824151
5	18	0	0.717	2.585423	0	0	0	0.33532817	11.76	0.866964994	0	0.86696499
5	19	0	1.128	3.086834	0	0	0	0.34048122	11.76	1.051009167	0	1.05100917
5	20	0	1.33	3.481975	0	0	0	0.33590086	11.76	1.169598424	0	1.16959842
5	21	0	1.428	3.521969	0	0	0	0.33767729	11.76	1.189288898	0	1.1892889
5	22	0	1.639	3.477728	0	0	0	0.33481558	11.76	1.164397628	0	1.16439763
5	23	0	2.078	3.493	0	0	0	0.32574867	11.76	1.137840115	0	1.13784011
5	24	0	2.251	3.366885	0	0	0	0.32693079	11.76	1.100738279	0	1.10073828
6	1	0	2.589	3.253116	0	0	0	0.33180722	11.76	1.07940733	0	1.07940733
6	2	0	2.695	3.241904	0	0	0	0.33250279	11.76	1.077942202	0	1.0779422
6	3	0	2.833	3.301429	0	0	0	0.33999153	11.76	1.122457813	0	1.12245781
6	4	0	2.772	3.325651	0	0	0	0.33646699	11.76	1.118971838	0	1.11897184
6	5	0	2.696	3.297659	0	0	0	0.32953665	11.76	1.086699542	0	1.08669954
6	6	0	2.714	3.703058	0	0	0	0.33129482	11.76	1.226803777	0	1.22680378
6	7	0	2.743	3.991604	0	0	0	0.32969462	11.76	1.316010296	0	1.3160103
6	8	0	2.806	4.410342	0	0	0	0.28923602	11.76	1.275629824	0	1.27562982
6	9	0	2.628	4.053514	0	0	0	0.23606675	11.76	0.956899744	0	0.95689974
6	10	0	2.039	3.463332	0	0	0	0.23576621	11.76	0.816536718	0	0.81653672
6	11	0	1.667	3.002327	0	0	0	0.23986073	11.76	0.720140446	0	0.72014045
6	12	0	1.176	2.464866	0	0	0	0.246222	11.76	0.606904331	0	0.60690433
6	13	0	0.894	2.13318	0	0	0	0.2441915	11.76	0.520904407	0	0.52090441
6	14	0	0.763	1.929062	0	0	0	0.232244	11.76	0.448013106	0	0.44801311
6	15	0	0.435	1.653726	0	0	0	0.23972633	11.76	0.396441601	0	0.3964416
6	16	0	0.52	1.77944	0	0	0	0.28390243	11.76	0.50518729	0	0.50518729
6	17	0	1.028	2.531949	0	0	0	0.34069412	11.76	0.86262015	0	0.86262015
6	18	0	1.306	3.174423	0	0	0	0.33532817	11.76	1.06447328	0	1.06447328
6	19	0	1.497	3.455834	0	0	0	0.34048122	11.76	1.176646725	0	1.17664672
6	20	0	1.562	3.713975	0	0	0	0.33590086	11.76	1.247527461	0	1.24752746
6	21	0	1.646	3.739969	0	0	0	0.33767729	11.76	1.262902525	0	1.26290253
6	22	0	1.863	3.701728	0	0	0	0.33481558	11.76	1.23939631	0	1.23939631
6	23	0	2.085	3.5	0	0	0	0.32574867	11.76	1.140120346	0	1.14012035
6	24	0	2.353	3.468885	0	0	0	0.32693079	11.76	1.134085297	0	1.1340853
7	1	0	2.543	3.207116	0	0	0	0.33180722	11.76	1.064144118	0	1.06414412
7	2	0	2.68	3.226904	0	0	0	0.33250279	11.76	1.072954704	0	1.0729547
7	3	0	2.74	3.208429	0	0	0	0.33999153	11.76	1.090838542	0	1.09083854
7	4	0	2.738	3.291651	0	0	0	0.33646699	11.76	1.107531907	0	1.10753191
7	5	0	2.789	3.390659	0	0	0	0.32953665	11.76	1.117346429	0	1.11734643
7	6	0	2.745	3.734058	0	0	0	0.33129482	11.76	1.237073962	0	1.23707396
7	7	0	2.706	3.954604	0	0	0	0.32969462	11.76	1.303811694	0	1.30381169
7	8	0	2.941	4.545342	0	0	0	0.28923602	11.76	1.314676753	0	1.31467675
7	9	0	2.91	4.335514	0	0	0	0.23606675	11.76	1.023470582	0	1.02347058
7	10	0	2.269	3.693332	0	0	0	0.23576621	11.76	0.870762952	0	0.87076295
7	11	0	2.03	3.365327	0	0	0	0.23986073	11.76	0.80720987	0	0.80720987
7	12	0	1.369	2.657866	0	0	0	0.246222	11.76	0.654425196	0	0.6544252
7	13	0	0.987	2.22618	0	0	0	0.2441915	11.76	0.543614201	0	0.5436142
7	14	0	0.366	1.532062	0	0	0	0.232244	11.76	0.355812248	0	0.35581225
7	15	0	0.096	1.314726	0	0	0	0.23972633	11.76	0.315174378	0	0.31517438
7	16	0	0.096	1.35544	0	0	0	0.28390243	11.76	0.384812651	0	0.38481265
7	17	0	0.574	2.076949	0	0	0	0.34069412	11.76	0.707604352	0	0.70760435
7	18	0	1.035	2.903422	0	0	0	0.33532817	11.76	0.973599298	0	0.9735993
7	19	0	1.284	3.242834	0	0	0	0.34048122	11.76	1.104124123	0	1.10412412
7	20	0	1.671	3.822975	0	0	0	0.33590086	11.76	1.284140644	0	1.28414064
7	21	0	1.799	3.892969	0	0	0	0.33767729	11.76	1.31456711	0	1.31456711
7	22	0	1.938	3.776728	0	0	0	0.33481558	11.76	1.264507494	0	1.26450749
7	23	0	2.111	3.526	0	0	0	0.32574867	11.76	1.148589819	0	1.14858982
7	24	0	2.442	3.557885	0	0	0	0.32693079	11.76	1.163182055	0	1.16318206
8	1	0	2.635	3.299116	0	0	0	0.33180722	11.76	1.094670384	0	1.09467038
8	2	0	2.668	3.214904	0	0	0	0.33250279	11.76	1.068964643	0	1.06896464
8	3	0	2.752	3.220429	0	0	0	0.33999153	11.76	1.094918469	0	1.09491847
8	4	0	2.901	3.454651	0	0	0	0.33646699	11.76	1.162376062	0	1.16237606
8	5	0	2.811	3.412659	0	0	0	0.32953665	11.76	1.124596259	0	1.12459626
8	6	0	2.794	3.783057	0	0	0	0.33129482	11.76	1.253307337	0	1.25330734
8	7	0	2.921	4.169604	0	0	0	0.32969462	11.76	1.374695929	0	1.37469593
8	8	0	2.923	4.527342	0	0	0	0.28923602	11.76	1.309470468	0	1.30947047
8	9	0	2.784	4.209514	0	0	0	0.23606675	11.76	0.993726189	0	0.99372619
8	10	0	2.576	4.000332	0	0	0	0.23576621	11.76	0.943143105	0	0.9431431
8	11	0	1.562	2.897327	0	0	0	0.23986073	11.76	0.694955065	0	0.69495507
8	12	0	0.964	2.252867	0	0	0	0.246222	11.76	0.554705294	0	0.55470529
8	13	0	0.33	1.56918	0	0	0	0.2441915	11.76	0.383180397	0	0.3831804
8	14	0	0.096	1.262062	0	0	0	0.232244	11.76	0.293106372	0	0.29310637
8	15	0	0.096	1.314726	0	0	0	0.23972633	11.76	0.315174378	0	0.31517438
8	16	0	0.096	1.35544	0	0	0	0.28390243	11.76	0.384812651	0	0.38481265
8	17	0	0.313	1.815949	0	0	0	0.34069412	11.76	0.618683174	0	0.61868317
8	18	0	0.764	2.632422	0	0	0	0.33532817	11.76	0.882725395	0	0.88272539
8	19	0	1.161	3.119834	0	0	0	0.34048122	11.76	1.062245045	0	1.06224504
8	20	0	1.398	3.549975	0	0	0	0.33590086	11.76	1.192439708	0	1.19243971
8	21	0	1.609	3.702969	0	0	0	0.33767729	11.76	1.250408405	0	1.2504084
8	22	0	1.743	3.581728	0	0	0	0.33481558	11.76	1.199218479	0	1.19921848
8	23	0	1.972	3.387	0	0	0	0.32574867	11.76	1.103310773	0	1.10331077
8	24	0	2.183	3.298885	0	0	0	0.32693079	11.76	1.078507038	0	1.07850704
9	1	0	2.256	2.920116	0	0	0	0.33180722	11.76	0.968915466	0	0.96891547
9	2	0	2.349	2.895904	0	0	0	0.33250279	11.76	0.962896252	0	0.96289625
9	3	0	2.354	2.822428	0	0	0	0.33999153	11.76	0.95960176	0	0.95960176
9	4	0	2.51	3.063651	0	0	0	0.33646699	11.76	1.030817458	0	1.03081746
9	5	0	2.568	3.169659	0	0	0	0.32953665	11.76	1.044518766	0	1.04451877
9	6	0	2.693	3.682057	0	0	0	0.33129482	11.76	1.219846537	0	1.21984654
9	7	0	2.588	3.836604	0	0	0	0.32969462	11.76	1.264907719	0	1.26490772
9	8	0	2.532	4.136342	0	0	0	0.28923602	11.76	1.196379106	0	1.19637911
9	9	0	2.302	3.727514	0	0	0	0.23606675	11.76	0.879942047	0	0.87994205
9	10	0	1.797	3.221332	0	0	0	0.23576621	11.76	0.759481269	0	0.75948127
9	11	0	1.115	2.450327	0	0	0	0.23986073	11.76	0.587737313	0	0.58773731
9	12	0	0.449	1.737866	0	0	0	0.246222	11.76	0.427900939	0	0.42790094
9	13	0	0.149	1.38818	0	0	0	0.2441915	11.76	0.338981736	0	0.33898174
9	14	0	0.096	1.262062	0	0	0	0.232244	11.76	0.293106372	0	0.29310637
9	15	0	0.253	1.471726	0	0	0	0.23972633	11.76	0.352811399	0	0.3528114
9	16	0	0.573	1.83244	0	0	0	0.28390243	11.76	0.520234111	0	0.52023411
9	17	0	0.866	2.369949	0	0	0	0.34069412	11.76	0.807427723	0	0.80742772
9	18	0	1.005	2.873422	0	0	0	0.33532817	11.76	0.963539462	0	0.96353946
9	19	0	1.085	3.043834	0	0	0	0.34048122	11.76	1.036368399	0	1.0363684
9	20	0	1.1	3.251975	0	0	0	0.33590086	11.76	1.092341219	0	1.09234122
9	21	0	1.216	3.309968	0	0	0	0.33767729	11.76	1.117701187	0	1.11770119
9	22	0	1.277	3.115728	0	0	0	0.33481558	11.76	1.043194394	0	1.04319439
9	23	0	1.395	2.81	0	0	0	0.32574867	11.76	0.915353745	0	0.91535374
9	24	0	1.402	2.517885	0	0	0	0.32693079	11.76	0.823174046	0	0.82317405
10	1	0	1.45	2.114116	0	0	0	0.33180722	11.76	0.701478851	0	0.70147885
10	2	0	1.635	2.181904	0	0	0	0.33250279	11.76	0.725489266	0	0.72548927
10	3	0	1.661	2.129429	0	0	0	0.33999153	11.76	0.723987687	0	0.72398769
10	4	0	1.657	2.210651	0	0	0	0.33646699	11.76	0.743811141	0	0.74381114

10	5	0	1.66	2.261659	0	0	0	0.32953665	11.76	0.745299571	0	0.74529957
10	6	0	1.654	2.643058	0	0	0	0.33129482	11.76	0.875631287	0	0.87563129
10	7	0	1.769	3.017604	0	0	0	0.32969462	11.76	0.994887749	0	0.99488775
10	8	0	1.684	3.288342	0	0	0	0.28923602	11.76	0.951107086	0	0.95110709
10	9	0	1.38	2.805514	0	0	0	0.23606675	11.76	0.662288468	0	0.66228847
10	10	0	0.793	2.217332	0	0	0	0.23576621	11.76	0.522771946	0	0.52277195
10	11	0	0.6	1.935327	0	0	0	0.23986073	11.76	0.464209042	0	0.46420904
10	12	0	0.587	1.875866	0	0	0	0.246222	11.76	0.461879577	0	0.46187958
10	13	0	0.44	1.67918	0	0	0	0.2441915	11.76	0.410041465	0	0.41004147
10	14	0	0.502	1.668062	0	0	0	0.232244	11.76	0.387397413	0	0.38739741
10	15	0	0.479	1.697726	0	0	0	0.23972633	11.76	0.406989566	0	0.40698957
10	16	0	0.388	1.64744	0	0	0	0.28390243	11.76	0.467712143	0	0.46771214
10	17	0	0.434	1.937949	0	0	0	0.34069412	11.76	0.660247849	0	0.66024785
10	18	0	0.502	2.370422	0	0	0	0.33532817	11.76	0.794869387	0	0.79486939
10	19	0	0.519	2.477834	0	0	0	0.34048122	11.76	0.843656031	0	0.84365603
10	20	0	0.536	2.687975	0	0	0	0.33590086	11.76	0.902893171	0	0.90289317
10	21	0	0.543	2.636969	0	0	0	0.33767729	11.76	0.890444418	0	0.89044442
10	22	0	0.488	2.326728	0	0	0	0.33481558	11.76	0.779024892	0	0.77902489
10	23	0	0.731	2.146	0	0	0	0.32574867	11.76	0.699056616	0	0.69905662
10	24	0	0.766	1.881885	0	0	0	0.32693079	11.76	0.615246051	0	0.61524605
11	1	0	0.815	1.479116	0	0	0	0.33180722	11.76	0.490781232	0	0.49078123
11	2	0	0.79	1.336904	0	0	0	0.33250279	11.76	0.444524402	0	0.4445244
11	3	0	0.826	1.293429	0	0	0	0.33999153	11.76	0.439754783	0	0.43975478
11	4	0	0.834	1.386651	0	0	0	0.33646699	11.76	0.466562341	0	0.46656234
11	5	0	0.739	1.339659	0	0	0	0.32953665	11.76	0.441466766	0	0.44146677
11	6	0	0.68	1.669058	0	0	0	0.33129482	11.76	0.55295014	0	0.55295014
11	7	0	0.741	1.989604	0	0	0	0.32969462	11.76	0.655961685	0	0.65596168
11	8	0	0.774	2.378342	0	0	0	0.28923602	11.76	0.687902284	0	0.68790228
11	9	0	0.674	2.099514	0	0	0	0.23606675	11.76	0.495625325	0	0.49562533
11	10	0	0.5	1.924332	0	0	0	0.23576621	11.76	0.453692477	0	0.45369248
11	11	0	0.417	1.752327	0	0	0	0.23986073	11.76	0.420314536	0	0.42031454
11	12	0	0.363	1.651866	0	0	0	0.246222	11.76	0.406725855	0	0.40672586
11	13	0	0.21	1.44918	0	0	0	0.2441915	11.76	0.353877415	0	0.35387742
11	14	0	0	1.212062	0	0	0	0.232244	11.76	0.281494156	0	0.28149416
11	15	0	0	1.263726	0	0	0	0.23972633	11.76	0.302948336	0	0.30294834
11	16	0	0	1.30544	0	0	0	0.28390243	11.76	0.370617543	0	0.37061754
11	17	0	0	1.548949	0	0	0	0.34069412	11.76	0.527717817	0	0.52771782
11	18	0	0	1.914422	0	0	0	0.33532817	11.76	0.641959753	0	0.64195975
11	19	0	0.11	2.068834	0	0	0	0.34048122	11.76	0.704399238	0	0.70439924
11	20	0	0.113	2.264975	0	0	0	0.33590086	11.76	0.760807074	0	0.76080707
11	21	0	0.223	2.316969	0	0	0	0.33767729	11.76	0.782387707	0	0.78238771
11	22	0	0.283	2.121728	0	0	0	0.33481558	11.76	0.710387724	0	0.71038772
11	23	0	0.558	1.973	0	0	0	0.32574867	11.76	0.642702142	0	0.64270214
11	24	0	0.701	1.816885	0	0	0	0.32693079	11.76	0.593995531	0	0.59399553
12	1	0	0.818	1.482116	0	0	0	0.33180722	11.76	0.491776661	0	0.49177666
12	2	0	0.882	1.428904	0	0	0	0.33250279	11.76	0.475114621	0	0.47511462
12	3	0	1.131	1.598429	0	0	0	0.33999153	11.76	0.543452221	0	0.54345222
12	4	0	1.218	1.771651	0	0	0	0.33646699	11.76	0.596102129	0	0.59610213
12	5	0	1.304	1.905659	0	0	0	0.32953665	11.76	0.627984503	0	0.6279845
12	6	0	1.252	2.241058	0	0	0	0.33129482	11.76	0.742450785	0	0.74245079
12	7	0	1.221	2.469604	0	0	0	0.32969462	11.76	0.814215146	0	0.81421515
12	8	0	1.292	2.896343	0	0	0	0.28923602	11.76	0.837726578	0	0.83772658
12	9	0	1.284	2.709514	0	0	0	0.23606675	11.76	0.639626071	0	0.63962607
12	10	0	1.286	2.710332	0	0	0	0.23576621	11.76	0.639004697	0	0.6390047
12	11	0	1.174	2.509327	0	0	0	0.23986073	11.76	0.6018891	0	0.6018891
12	12	0	1.144	2.432866	0	0	0	0.246222	11.76	0.599025211	0	0.59902521
12	13	0	0.809	2.04818	0	0	0	0.2441915	11.76	0.50014812	0	0.50014812
12	14	0	0.71	1.876062	0	0	0	0.232244	11.76	0.43570418	0	0.43570418
12	15	0	0.956	2.174726	0	0	0	0.23972633	11.76	0.521339024	0	0.52133902
12	16	0	0.807	2.06644	0	0	0	0.28390243	11.76	0.586667305	0	0.5866673
12	17	0	0.904	2.407949	0	0	0	0.34069412	11.76	0.820374055	0	0.82037405
12	18	0	1.019	2.887422	0	0	0	0.33532817	11.76	0.968234036	0	0.96823404
12	19	0	1.362	3.320834	0	0	0	0.34048122	11.76	1.130681681	0	1.13068168
12	20	0	1.209	3.360975	0	0	0	0.33590086	11.76	1.128954482	0	1.12895448
12	21	0	1.233	3.326969	0	0	0	0.33767729	11.76	1.123441768	0	1.12344177
12	22	0	1.5	3.338728	0	0	0	0.33481558	11.76	1.117858284	0	1.11785828
12	23	0	1.708	3.123	0	0	0	0.32574867	11.76	1.017313067	0	1.01731307
12	24	0	1.934	3.049885	0	0	0	0.32693079	11.76	0.997101248	0	0.99710125
13	1	0	2.097	2.761116	0	0	0	0.33180722	11.76	0.916158066	0	0.91615807
13	2	0	2.093	2.639904	0	0	0	0.33250279	11.76	0.877775524	0	0.87777552
13	3	0	2.09	2.558429	0	0	0	0.33999153	11.76	0.869844099	0	0.8698441
13	4	0	2.012	2.565651	0	0	0	0.33646699	11.76	0.863256929	0	0.86325693
13	5	0	2.1	2.701659	0	0	0	0.32953665	11.76	0.890295636	0	0.89029564
13	6	0	2.057	3.046058	0	0	0	0.33129482	11.76	1.009143138	0	1.00914314
13	7	0	2.057	3.305604	0	0	0	0.32969462	11.76	1.089839833	0	1.08983983
13	8	0	2.133	3.737343	0	0	0	0.28923602	11.76	1.080974093	0	1.08097409
13	9	0	2.027	3.452514	0	0	0	0.23606675	11.76	0.81502367	0	0.81502367
13	10	0	1.771	3.195332	0	0	0	0.23576621	11.76	0.753351342	0	0.75335134
13	11	0	1.701	3.036327	0	0	0	0.23986073	11.76	0.728295692	0	0.72829569
13	12	0	1.502	2.790867	0	0	0	0.246222	11.76	0.687172755	0	0.68717276
13	13	0	1.44	2.67918	0	0	0	0.2441915	11.76	0.654232969	0	0.65423297
13	14	0	1.368	2.534062	0	0	0	0.232244	11.76	0.588520731	0	0.58852073
13	15	0	1.455	2.673726	0	0	0	0.23972633	11.76	0.640962479	0	0.64096248
13	16	0	1.634	2.89344	0	0	0	0.28390243	11.76	0.821454589	0	0.82145459
13	17	0	1.821	3.324949	0	0	0	0.34069412	11.76	1.132790662	0	1.13279066
13	18	0	1.858	3.726423	0	0	0	0.33532817	11.76	1.249574444	0	1.24957444
13	19	0	1.894	3.852834	0	0	0	0.34048122	11.76	1.311817715	0	1.31181771
13	20	0	1.894	4.045975	0	0	0	0.33590086	11.76	1.359046552	0	1.35904655
13	21	0	1.963	4.056969	0	0	0	0.33767729	11.76	1.369946197	0	1.3699462
13	22	0	1.989	3.827728	0	0	0	0.33481558	11.76	1.281583048	0	1.28158305
13	23	0	2.246	3.661	0	0	0	0.32574867	11.76	1.192565886	0	1.19256589
13	24	0	2.276	3.391885	0	0	0	0.32693079	11.76	1.10891158	0	1.10891158
14	1	0	2.421	3.085116	0	0	0	0.33180722	11.76	1.023663644	0	1.02366364
14	2	0	2.433	2.979904	0	0	0	0.33250279	11.76	0.990826523	0	0.99082652
14	3	0	2.391	2.859429	0	0	0	0.33999153	11.76	0.972181508	0	0.97218151
14	4	0	2.442	2.995651	0	0	0	0.33646699	11.76	1.007937676	0	1.00793768
14	5	0	2.378	2.979659	0	0	0	0.32953665	11.76	0.981906862	0	0.98190686
14	6	0	2.25	3.239058	0	0	0	0.33129482	11.76	1.073082985	0	1.07308298
14	7	0	2.067	3.315604	0	0	0	0.32969462	11.76	1.093136698	0	1.0931367
14	8	0	2.148	3.752342	0	0	0	0.28923602	11.76	1.085312595	0	1.08531259
14	9	0	2.24	3.665514	0	0	0	0.23606675	11.76	0.865305844	0	0.86530584
14	10	0	1.959	3.383332	0	0	0	0.23576621	11.76	0.797675382	0	0.79767538
14	11	0	1.643	2.978327	0	0	0	0.23986073	11.76	0.714383749	0	0.71438375
14	12	0	0.999	2.287866	0	0	0	0.246222	11.76	0.563323026	0	0.56332303
14	13	0	0.788	2.02718	0	0	0	0.2441915	11.76	0.495020121	0	0.49502012
14	14	0	0.536	1.702062	0	0	0	0.232244	11.76	0.395293718	0	0.39529372
14	15	0	0.297	1.515726	0	0	0	0.23972633	11.76	0.363359364	0	0.36335936
14	16	0	0.47	1.72944	0	0	0	0.28390243	11.76	0.490992148	0	0.49099215
14	17	0	1.023	2.526949	0	0	0	0.34069412	11.76	0.860916722	0	0.86091672
14	18	0	1.377	3.245423	0	0	0	0.33532817	11.76	1.088281613	0	1.08828161
14	19	0	1.703	3.661834	0	0	0	0.34048122	11.76	1.246785806	0	1.24678581

14	20	0	1.906	4.057975	0	0	0	0.33590086	11.76	1.363077391	0	1.36307739
14	21	0	2.053	4.146969	0	0	0	0.33767729	11.76	1.400337205	0	1.4003372
14	22	0	2.184	4.022728	0	0	0	0.33481558	11.76	1.346872143	0	1.34687214
14	23	0	2.382	3.797	0	0	0	0.32574867	11.76	1.236867756	0	1.23686776
14	24	0	2.544	3.659885	0	0	0	0.32693079	11.76	1.196529073	0	1.19652907
15	1	0	2.747	3.411116	0	0	0	0.33180722	11.76	1.131832789	0	1.13183279
15	2	0	2.915	3.461904	0	0	0	0.33250279	11.76	1.151092824	0	1.15109282
15	3	0	2.993	3.461429	0	0	0	0.33999153	11.76	1.176856405	0	1.17685641
15	4	0	3.074	3.627651	0	0	0	0.33646699	11.76	1.220584804	0	1.2205848
15	5	0	3.124	3.725659	0	0	0	0.32953665	11.76	1.227741218	0	1.22774122
15	6	0	2.984	3.973058	0	0	0	0.33129482	11.76	1.316253372	0	1.31625337
15	7	0	3.018	4.266604	0	0	0	0.32969462	11.76	1.406676347	0	1.40667635
15	8	0	3.16	4.764342	0	0	0	0.28923602	11.76	1.378019401	0	1.3780194
15	9	0	2.9	4.325514	0	0	0	0.23606675	11.76	1.021109973	0	1.02110997
15	10	0	2.436	3.860332	0	0	0	0.23576621	11.76	0.910135866	0	0.91013587
15	11	0	2.147	3.482327	0	0	0	0.23986073	11.76	0.8352736	0	0.8352736
15	12	0	1.788	3.076866	0	0	0	0.246222	11.76	0.757592192	0	0.75759219
15	13	0	1.291	2.53018	0	0	0	0.2441915	11.76	0.617848452	0	0.61784845
15	14	0	1.193	2.359062	0	0	0	0.232244	11.76	0.547878042	0	0.54787804
15	15	0	1.35	2.568726	0	0	0	0.23972633	11.76	0.615791153	0	0.61579115
15	16	0	1.54	2.79944	0	0	0	0.28390243	11.76	0.794767732	0	0.79476773
15	17	0	1.703	3.206949	0	0	0	0.34069412	11.76	1.092588746	0	1.09258875
15	18	0	1.812	3.680423	0	0	0	0.33532817	11.76	1.234149347	0	1.23414935
15	19	0	1.836	3.794834	0	0	0	0.34048122	11.76	1.292069855	0	1.29206986
15	20	0	2.077	4.228975	0	0	0	0.33590086	11.76	1.420516439	0	1.42051644
15	21	0	2.005	4.098969	0	0	0	0.33767729	11.76	1.384128581	0	1.38412858
15	22	0	2.129	3.967728	0	0	0	0.33481558	11.76	1.328457264	0	1.32845726
15	23	0	2.295	3.71	0	0	0	0.32574867	11.76	1.208527579	0	1.20852758
15	24	0	2.475	3.590885	0	0	0	0.32693079	11.76	1.173970847	0	1.17397085
16	1	0	2.571	3.235116	0	0	0	0.33180722	11.76	1.073434759	0	1.07343476
16	2	0	2.717	3.263904	0	0	0	0.33250279	11.76	1.085257288	0	1.08525729
16	3	0	2.839	3.307429	0	0	0	0.33999153	11.76	1.124497695	0	1.1244977
16	4	0	2.859	3.412651	0	0	0	0.33646699	11.76	1.14824443	0	1.14824443
16	5	0	2.904	3.505659	0	0	0	0.32953665	11.76	1.155243068	0	1.15524307
16	6	0	2.789	3.778058	0	0	0	0.33129482	11.76	1.251650904	0	1.2516509
16	7	0	2.717	3.965604	0	0	0	0.32969462	11.76	1.307438229	0	1.30743823
16	8	0	2.697	4.301342	0	0	0	0.28923602	11.76	1.244103176	0	1.24410318
16	9	0	2.678	4.103514	0	0	0	0.23606675	11.76	0.968703126	0	0.96870313
16	10	0	2.437	3.861332	0	0	0	0.23576621	11.76	0.910371615	0	0.91037162
16	11	0	2.32	3.655327	0	0	0	0.23986073	11.76	0.876769472	0	0.87676947
16	12	0	1.786	3.074867	0	0	0	0.246222	11.76	0.757099783	0	0.75709978
16	13	0	1.705	2.94418	0	0	0	0.2441915	11.76	0.718943684	0	0.71894368
16	14	0	1.655	2.821062	0	0	0	0.232244	11.76	0.655174745	0	0.65517474
16	15	0	1.643	2.861726	0	0	0	0.23972633	11.76	0.68603102	0	0.68603102
16	16	0	1.735	2.99444	0	0	0	0.28390243	11.76	0.850128755	0	0.85012875
16	17	0	1.8	3.303949	0	0	0	0.34069412	11.76	1.125636036	0	1.12563604
16	18	0	1.83	3.698422	0	0	0	0.33532817	11.76	1.240185216	0	1.24018522
16	19	0	1.842	3.800834	0	0	0	0.34048122	11.76	1.294112676	0	1.29411268
16	20	0	1.83	3.981975	0	0	0	0.33590086	11.76	1.337548854	0	1.33754885
16	21	0	1.841	3.934969	0	0	0	0.33767729	11.76	1.328749574	0	1.32874957
16	22	0	1.926	3.764729	0	0	0	0.33481558	11.76	1.260489759	0	1.26048976
16	23	0	2.098	3.513	0	0	0	0.32574867	11.76	1.144355082	0	1.14435508
16	24	0	2.178	3.293885	0	0	0	0.32693079	11.76	1.076872347	0	1.07687235
17	1	0	2.305	2.969116	0	0	0	0.33180722	11.76	0.985174028	0	0.98517403
17	2	0	2.322	2.868904	0	0	0	0.33250279	11.76	0.953918693	0	0.95391869
17	3	0	2.386	2.854429	0	0	0	0.33999153	11.76	0.970481592	0	0.97048159
17	4	0	2.303	2.856651	0	0	0	0.33646699	11.76	0.961168785	0	0.96116879
17	5	0	2.321	2.922659	0	0	0	0.32953665	11.76	0.963123299	0	0.9631233
17	6	0	2.299	3.288058	0	0	0	0.33129482	11.76	1.089316439	0	1.08931644
17	7	0	2.192	3.440604	0	0	0	0.32969462	11.76	1.134348524	0	1.13434852
17	8	0	2.213	3.817343	0	0	0	0.28923602	11.76	1.104112953	0	1.10411295
17	9	0	2.224	3.649514	0	0	0	0.23606675	11.76	0.861528825	0	0.86152883
17	10	0	2.002	3.426332	0	0	0	0.23576621	11.76	0.807813325	0	0.80781333
17	11	0	1.811	3.146327	0	0	0	0.23986073	11.76	0.754680404	0	0.7546804
17	12	0	1.495	2.783866	0	0	0	0.246222	11.76	0.68544915	0	0.68544915
17	13	0	1.094	2.33318	0	0	0	0.2441915	11.76	0.569742719	0	0.56974272
17	14	0	0.624	1.790062	0	0	0	0.232244	11.76	0.415731204	0	0.4157312
17	15	0	0.439	1.657726	0	0	0	0.23972633	11.76	0.397400493	0	0.39740049
17	16	0	0.759	2.01844	0	0	0	0.28390243	11.76	0.573039961	0	0.57303996
17	17	0	0.992	2.495949	0	0	0	0.34069412	11.76	0.850355157	0	0.85035516
17	18	0	1.202	3.070422	0	0	0	0.33532817	11.76	1.02959912	0	1.02959912
17	19	0	1.297	3.255834	0	0	0	0.34048122	11.76	1.108550382	0	1.10855038
17	20	0	1.421	3.572975	0	0	0	0.33590086	11.76	1.200165429	0	1.20016543
17	21	0	1.516	3.609969	0	0	0	0.33767729	11.76	1.219004439	0	1.21900444
17	22	0	1.669	3.507729	0	0	0	0.33481558	11.76	1.174442166	0	1.17444217
17	23	0	1.846	3.261	0	0	0	0.32574867	11.76	1.062266387	0	1.06226639
17	24	0	2.011	3.126885	0	0	0	0.32693079	11.76	1.022274887	0	1.02227489
18	1	0	2.197	2.861116	0	0	0	0.33180722	11.76	0.949338835	0	0.94933884
18	2	0	2.361	2.907904	0	0	0	0.33250279	11.76	0.966886313	0	0.96688631
18	3	0	2.346	2.814429	0	0	0	0.33999153	11.76	0.956881863	0	0.95688186
18	4	0	2.339	2.892651	0	0	0	0.33646699	11.76	0.973281601	0	0.9732816
18	5	0	2.355	2.956659	0	0	0	0.32953665	11.76	0.974327519	0	0.97432752
18	6	0	2.21	3.199058	0	0	0	0.33129482	11.76	1.059831205	0	1.0598312
18	7	0	2.055	3.303604	0	0	0	0.32969462	11.76	1.089180334	0	1.08918033
18	8	0	1.99	3.594342	0	0	0	0.28923602	11.76	1.039613306	0	1.03961331
18	9	0	1.919	3.344514	0	0	0	0.23606675	11.76	0.789528452	0	0.78952845
18	10	0	1.813	3.237332	0	0	0	0.23576621	11.76	0.76325348	0	0.76325348
18	11	0	1.693	3.028327	0	0	0	0.23986073	11.76	0.726376831	0	0.72637683
18	12	0	1.615	2.903867	0	0	0	0.246222	11.76	0.714995821	0	0.71499582
18	13	0	1.488	2.72718	0	0	0	0.2441915	11.76	0.665954126	0	0.66595413
18	14	0	1.482	2.648062	0	0	0	0.232244	11.76	0.614996566	0	0.61499657
18	15	0	1.479	2.697726	0	0	0	0.23972633	11.76	0.646715894	0	0.64671589
18	16	0	1.545	2.80444	0	0	0	0.28390243	11.76	0.796187276	0	0.79618728
18	17	0	1.667	3.170949	0	0	0	0.34069412	11.76	1.080323753	0	1.08032375
18	18	0	1.603	3.471422	0	0	0	0.33532817	11.76	1.164065723	0	1.16406572
18	19	0	1.65	3.608834	0	0	0	0.34048122	11.76	1.22874031	0	1.22874031
18	20	0	1.585	3.736975	0	0	0	0.33590086	11.76	1.255253101	0	1.2552531
18	21	0	1.588	3.681969	0	0	0	0.33767729	11.76	1.243317213	0	1.24331721
18	22	0	1.627	3.465728	0	0	0	0.33481558	11.76	1.160379813	0	1.16037981
18	23	0	1.781	3.196	0	0	0	0.32574867	11.76	1.041092705	0	1.0410927
18	24	0	1.89	3.005885	0	0	0	0.32693079	11.76	0.982716244	0	0.98271624
19	1	0	2.02	2.684116	0	0	0	0.33180722	11.76	0.890608943	0	0.89060894
19	2	0	2.177	2.723904	0	0	0	0.33250279	11.76	0.905705795	0	0.9057058
19	3	0	2.202	2.670429	0	0	0	0.33999153	11.76	0.907923146	0	0.90792315
19	4	0	2.144	2.697651	0	0	0	0.33646699	11.76	0.907670561	0	0.90767056
19	5	0	2.152	2.753659	0	0	0	0.32953665	11.76	0.907431557	0	0.90743156
19	6	0	2.073	3.062057	0	0	0	0.33129482	11.76	1.014443786	0	1.01444379
19	7	0	2.069	3.317604	0	0	0	0.32969462	11.76	1.093796196	0	1.0937962
19	8	0	2.07	3.674342	0	0	0	0.28923602	11.76	1.062752165	0	1.06275217
19	9	0	2.078	3.503514	0	0	0	0.23606675	11.76	0.827063102	0	0.8270631
19	10	0	1.578	3.002332	0	0	0	0.23576621	11.76	0.707848501	0	0.7078485

19	11	0	1.213	2.548327	0	0	0	0.23986073	11.76	0.611243677	0	0.61124368
19	12	0	1.176	2.464866	0	0	0	0.246222	11.76	0.606904331	0	0.60690433
19	13	0	0.727	1.96618	0	0	0	0.2441915	11.76	0.480124412	0	0.48012441
19	14	0	0.266	1.432062	0	0	0	0.232244	11.76	0.332587842	0	0.33258784
19	15	0	0.298	1.516726	0	0	0	0.23972633	11.76	0.363599102	0	0.3635991
19	16	0	0.629	1.88844	0	0	0	0.28390243	11.76	0.536132646	0	0.53613265
19	17	0	0.819	2.322949	0	0	0	0.34069412	11.76	0.791415123	0	0.79141512
19	18	0	1.158	3.026423	0	0	0	0.33532817	11.76	1.014844711	0	1.01484471
19	19	0	1.35	3.308834	0	0	0	0.34048122	11.76	1.126595959	0	1.12659596
19	20	0	1.508	3.659975	0	0	0	0.33590086	11.76	1.229388768	0	1.22938877
19	21	0	1.575	3.668969	0	0	0	0.33767729	11.76	1.238927404	0	1.2389274
19	22	0	1.838	3.676728	0	0	0	0.33481558	11.76	1.231025968	0	1.23102597
19	23	0	2.114	3.529	0	0	0	0.32574867	11.76	1.149567071	0	1.14956707
19	24	0	2.272	3.387885	0	0	0	0.32693079	11.76	1.107603874	0	1.10760387
20	1	0	2.318	2.982116	0	0	0	0.33180722	11.76	0.989487526	0	0.98948753
20	2	0	2.486	3.032904	0	0	0	0.33250279	11.76	1.008449162	0	1.00844916
20	3	0	2.545	3.013429	0	0	0	0.33999153	11.76	1.024540217	0	1.02454022
20	4	0	2.611	3.164651	0	0	0	0.33646699	11.76	1.064800648	0	1.06480065
20	5	0	2.546	3.147659	0	0	0	0.32953665	11.76	1.037269013	0	1.03726901
20	6	0	2.444	3.433058	0	0	0	0.33129482	11.76	1.137354182	0	1.13735418
20	7	0	2.496	3.744604	0	0	0	0.32969462	11.76	1.234575812	0	1.23457581
20	8	0	2.443	4.047342	0	0	0	0.28923602	11.76	1.170637173	0	1.17063717
20	9	0	2.261	3.686513	0	0	0	0.23606675	11.76	0.870263224	0	0.87026322
20	10	0	1.341	2.765332	0	0	0	0.23576621	11.76	0.651971854	0	0.65197185
20	11	0	0.588	1.923327	0	0	0	0.23986073	11.76	0.461330722	0	0.46133072
20	12	0	0.096	1.384866	0	0	0	0.246222	11.76	0.340984592	0	0.34098459
20	13	0	0.096	1.33518	0	0	0	0.2441915	11.76	0.326039593	0	0.32603959
20	14	0	0.096	1.261062	0	0	0	0.232244	11.76	0.292874117	0	0.29287412
20	15	0	0.096	1.313726	0	0	0	0.23972633	11.76	0.314934641	0	0.31493464
20	16	0	0.096	1.35444	0	0	0	0.28390243	11.76	0.384528736	0	0.38452874
20	17	0	0.096	1.597949	0	0	0	0.34069412	11.76	0.544411837	0	0.54441184
20	18	0	0.096	1.964422	0	0	0	0.33532817	11.76	0.658726185	0	0.65872618
20	19	0	0.733	2.691834	0	0	0	0.34048122	11.76	0.916519009	0	0.91651901
20	20	0	1.046	3.197975	0	0	0	0.33590086	11.76	1.074202606	0	1.07420261
20	21	0	1.406	3.499969	0	0	0	0.33767729	11.76	1.181859892	0	1.18185989
20	22	0	1.701	3.539728	0	0	0	0.33481558	11.76	1.185156206	0	1.18515621
20	23	0	1.996	3.411	0	0	0	0.32574867	11.76	1.111128718	0	1.11112872
20	24	0	2.238	3.353885	0	0	0	0.32693079	11.76	1.096488175	0	1.09648818
21	1	0	2.336	3.000116	0	0	0	0.33180722	11.76	0.995460018	0	0.99546002
21	2	0	2.483	3.029904	0	0	0	0.33250279	11.76	1.007451646	0	1.00745165
21	3	0	2.555	3.023429	0	0	0	0.33999153	11.76	1.027940129	0	1.02794013
21	4	0	2.449	3.002651	0	0	0	0.33646699	11.76	1.010292935	0	1.01029294
21	5	0	2.467	3.068659	0	0	0	0.32953665	11.76	1.01123562	0	1.01123562
21	6	0	2.392	3.381058	0	0	0	0.33129482	11.76	1.120126836	0	1.12012684
21	7	0	2.381	3.629604	0	0	0	0.32969462	11.76	1.196660849	0	1.19666085
21	8	0	2.5	4.104342	0	0	0	0.28923602	11.76	1.187123673	0	1.18712367
21	9	0	2.281	3.706514	0	0	0	0.23606675	11.76	0.874984667	0	0.87498467
21	10	0	2.217	3.641332	0	0	0	0.23576621	11.76	0.858503098	0	0.8585031
21	11	0	2.193	3.528327	0	0	0	0.23986073	11.76	0.846307195	0	0.84630719
21	12	0	2.051	3.339866	0	0	0	0.246222	11.76	0.82234858	0	0.82234858
21	13	0	1.791	3.03018	0	0	0	0.2441915	11.76	0.739944203	0	0.7399442
21	14	0	1.588	2.754062	0	0	0	0.232244	11.76	0.639614417	0	0.63961442
21	15	0	1.272	2.490726	0	0	0	0.23972633	11.76	0.59709254	0	0.59709254
21	16	0	1.215	2.47444	0	0	0	0.28390243	11.76	0.702499495	0	0.7024995
21	17	0	1.214	2.717949	0	0	0	0.34069412	11.76	0.925989293	0	0.92598929
21	18	0	1.271	3.139422	0	0	0	0.33532817	11.76	1.052736766	0	1.05273677
21	19	0	1.573	3.531834	0	0	0	0.34048122	11.76	1.202523208	0	1.20252321
21	20	0	1.633	3.784975	0	0	0	0.33590086	11.76	1.271376375	0	1.27137638
21	21	0	1.672	3.765969	0	0	0	0.33767729	11.76	1.271682062	0	1.27168206
21	22	0	1.741	3.579728	0	0	0	0.33481558	11.76	1.198548817	0	1.19854882
21	23	0	1.951	3.366	0	0	0	0.32574867	11.76	1.096470003	0	1.09647
21	24	0	2.14	3.255885	0	0	0	0.32693079	11.76	1.06444902	0	1.06444902
22	1	0	2.21	2.874116	0	0	0	0.33180722	11.76	0.953652333	0	0.95365233
22	2	0	2.25	2.796904	0	0	0	0.33250279	11.76	0.929978484	0	0.92997848
22	3	0	2.361	2.829429	0	0	0	0.33999153	11.76	0.961981771	0	0.96198177
22	4	0	2.526	3.079651	0	0	0	0.33646699	11.76	1.036200941	0	1.03620094
22	5	0	2.448	3.049659	0	0	0	0.32953665	11.76	1.004974406	0	1.00497441
22	6	0	2.313	3.302058	0	0	0	0.33129482	11.76	1.093954546	0	1.09395455
22	7	0	2.173	3.421604	0	0	0	0.32969462	11.76	1.128084466	0	1.12808447
22	8	0	2.149	3.753343	0	0	0	0.28923602	11.76	1.085601879	0	1.08560188
22	9	0	2.022	3.447514	0	0	0	0.23606675	11.76	0.813843309	0	0.81384331
22	10	0	1.571	2.995332	0	0	0	0.23576621	11.76	0.706198088	0	0.70619809
22	11	0	1.102	2.437327	0	0	0	0.23986073	11.76	0.584619121	0	0.58461912
22	12	0	0.83	2.118866	0	0	0	0.246222	11.76	0.52171153	0	0.52171153
22	13	0	0.532	1.77118	0	0	0	0.2441915	11.76	0.432507086	0	0.43250709
22	14	0	0.462	1.628062	0	0	0	0.232244	11.76	0.378107662	0	0.37810766
22	15	0	0.491	1.709726	0	0	0	0.23972633	11.76	0.409866274	0	0.40986627
22	16	0	0.563	1.82244	0	0	0	0.28390243	11.76	0.517395089	0	0.51739509
22	17	0	0.76	2.263949	0	0	0	0.34069412	11.76	0.771314164	0	0.77131416
22	18	0	0.997	2.865422	0	0	0	0.33532817	11.76	0.960856871	0	0.96085687
22	19	0	1.039	2.997834	0	0	0	0.34048122	11.76	1.020706261	0	1.02070626
22	20	0	1.087	3.238975	0	0	0	0.33590086	11.76	1.087974504	0	1.0879745
22	21	0	1.057	3.150969	0	0	0	0.33767729	11.76	1.064010525	0	1.06401052
22	22	0	1.153	2.991728	0	0	0	0.33481558	11.76	1.001677238	0	1.00167724
22	23	0	1.409	2.824	0	0	0	0.32574867	11.76	0.919914206	0	0.91991421
22	24	0	1.517	2.632885	0	0	0	0.32693079	11.76	0.86077109	0	0.86077109
23	1	0	1.659	2.323116	0	0	0	0.33180722	11.76	0.770826517	0	0.77082652
23	2	0	1.718	2.264904	0	0	0	0.33250279	11.76	0.753086979	0	0.75308698
23	3	0	1.736	2.204429	0	0	0	0.33999153	11.76	0.749487068	0	0.74948707
23	4	0	1.766	2.319651	0	0	0	0.33646699	11.76	0.780486032	0	0.78048603
23	5	0	1.732	2.333659	0	0	0	0.32953665	11.76	0.769026219	0	0.76902622
23	6	0	1.741	2.730057	0	0	0	0.33129482	11.76	0.904453901	0	0.9044539
23	7	0	1.662	2.910604	0	0	0	0.32969462	11.76	0.959610466	0	0.95961047
23	8	0	1.755	3.359342	0	0	0	0.28923602	11.76	0.971642803	0	0.9716428
23	9	0	1.891	3.316514	0	0	0	0.23606675	11.76	0.782918556	0	0.78291856
23	10	0	1.775	3.199332	0	0	0	0.23576621	11.76	0.754294451	0	0.75429445
23	11	0	1.714	3.049327	0	0	0	0.23986073	11.76	0.731413884	0	0.73141388
23	12	0	1.564	2.852866	0	0	0	0.246222	11.76	0.702438469	0	0.70243847
23	13	0	1.019	2.25818	0	0	0	0.2441915	11.76	0.551428345	0	0.55142834
23	14	0	0.833	1.999062	0	0	0	0.232244	11.76	0.464270198	0	0.4642702
23	15	0	0.642	1.860726	0	0	0	0.23972633	11.76	0.446064926	0	0.44606493
23	16	0	0.679	1.93844	0	0	0	0.28390243	11.76	0.550327788	0	0.55032779
23	17	0	0.77	2.273949	0	0	0	0.34069412	11.76	0.774721102	0	0.7747211
23	18	0	0.959	2.827422	0	0	0	0.33532817	11.76	0.948114365	0	0.94811437
23	19	0	1.124	3.082834	0	0	0	0.34048122	11.76	1.049647179	0	1.04964718
23	20	0	1.229	3.380975	0	0	0	0.33590086	11.76	1.135672413	0	1.13567241
23	21	0	1.321	3.414968	0	0	0	0.33767729	11.76	1.153157309	0	1.15315731
23	22	0	1.392	3.230728	0	0	0	0.33481558	11.76	1.081698188	0	1.08169819
23	23	0	1.496	2.911	0	0	0	0.32574867	11.76	0.948254383	0	0.94825438
23	24	0	1.531	2.646885	0	0	0	0.32693079	11.76	0.865348101	0	0.8653481
24	1	0	1.757	2.421116	0	0	0	0.33180722	11.76	0.803343641	0	0.80334364

24	2	0	1.891	2.437904	0	0	0	0.33250279	11.76	0.810609994	0	0.81060999
24	3	0	1.843	2.311429	0	0	0	0.33999153	11.76	0.785866199	0	0.7858662
24	4	0	1.813	2.366651	0	0	0	0.33646699	11.76	0.796299957	0	0.79629996
24	5	0	1.761	2.362659	0	0	0	0.32953665	11.76	0.778582717	0	0.77858272
24	6	0	1.716	2.705058	0	0	0	0.33129482	11.76	0.896171577	0	0.89617158
24	7	0	1.559	2.807604	0	0	0	0.32969462	11.76	0.925651867	0	0.92565187
24	8	0	1.627	3.231342	0	0	0	0.28923602	11.76	0.934620587	0	0.93462059
24	9	0	1.636	3.061513	0	0	0	0.23606675	11.76	0.722721509	0	0.72272151
24	10	0	1.479	2.903332	0	0	0	0.23576621	11.76	0.684507651	0	0.68450765
24	11	0	1.294	2.629327	0	0	0	0.23986073	11.76	0.63067236	0	0.63067236
24	12	0	1.055	2.343866	0	0	0	0.246222	11.76	0.577111457	0	0.57711146
24	13	0	0.661	1.90018	0	0	0	0.2441915	11.76	0.464007777	0	0.46400778
24	14	0	0.633	1.799062	0	0	0	0.232244	11.76	0.417821387	0	0.41782139
24	15	0	0.364	1.582726	0	0	0	0.23972633	11.76	0.379421036	0	0.37942104
24	16	0	0.277	1.53644	0	0	0	0.28390243	11.76	0.43619899	0	0.43619899
24	17	0	0.743	2.246949	0	0	0	0.34069412	11.76	0.765522297	0	0.7655223
24	18	0	1.08	2.948422	0	0	0	0.33532817	11.76	0.988689091	0	0.98868909
24	19	0	1.225	3.183834	0	0	0	0.34048122	11.76	1.084035806	0	1.08403581
24	20	0	1.22	3.371975	0	0	0	0.33590086	11.76	1.132649364	0	1.13264936
24	21	0	1.354	3.447968	0	0	0	0.33767729	11.76	1.164300657	0	1.16430066
24	22	0	1.424	3.262728	0	0	0	0.33481558	11.76	1.092412308	0	1.09241231
24	23	0	1.586	3.001	0	0	0	0.32574867	11.76	0.977571736	0	0.97757174
24	24	0	1.603	2.718885	0	0	0	0.32693079	11.76	0.888887127	0	0.88888713
25	1	0	1.635	2.299116	0	0	0	0.33180722	11.76	0.762863168	0	0.76286317
25	2	0	1.74	2.286904	0	0	0	0.33250279	11.76	0.760402065	0	0.76040207
25	3	0	1.716	2.184429	0	0	0	0.33999153	11.76	0.742687244	0	0.74268724
25	4	0	1.684	2.237651	0	0	0	0.33646699	11.76	0.752895733	0	0.75289573
25	5	0	1.667	2.268659	0	0	0	0.32953665	11.76	0.747606318	0	0.74760632
25	6	0	1.587	2.576058	0	0	0	0.33129482	11.76	0.853434563	0	0.85343456
25	7	0	1.571	2.819604	0	0	0	0.32969462	11.76	0.92960823	0	0.92960823
25	8	0	1.633	3.237342	0	0	0	0.28923602	11.76	0.936356015	0	0.93635601
25	9	0	1.494	2.919514	0	0	0	0.23606675	11.76	0.689200097	0	0.6892001
25	10	0	1.544	2.968332	0	0	0	0.23576621	11.76	0.699832356	0	0.69983236
25	11	0	1.332	2.667327	0	0	0	0.23986073	11.76	0.639787093	0	0.63978709
25	12	0	1.306	2.594867	0	0	0	0.246222	11.76	0.638913219	0	0.63891322
25	13	0	1.133	2.37218	0	0	0	0.2441915	11.76	0.579266196	0	0.5792662
25	14	0	1.014	2.180062	0	0	0	0.232244	11.76	0.506306388	0	0.50630639
25	15	0	0.741	1.959726	0	0	0	0.23972633	11.76	0.469797856	0	0.46979786
25	16	0	0.695	1.95444	0	0	0	0.28390243	11.76	0.554870202	0	0.5548702
25	17	0	0.784	2.287949	0	0	0	0.34069412	11.76	0.779490799	0	0.7794908
25	18	0	0.763	2.631423	0	0	0	0.33532817	11.76	0.882390091	0	0.88239009
25	19	0	0.886	2.844834	0	0	0	0.34048122	11.76	0.968612676	0	0.96861268
25	20	0	0.897	3.048975	0	0	0	0.33590086	11.76	1.024153322	0	1.02415332
25	21	0	0.925	3.018969	0	0	0	0.33767729	11.76	1.019437133	0	1.01943713
25	22	0	1.072	2.910728	0	0	0	0.33481558	11.76	0.974557226	0	0.97455723
25	23	0	1.203	2.618	0	0	0	0.32574867	11.76	0.852810029	0	0.85281003
25	24	0	1.276	2.391885	0	0	0	0.32693079	11.76	0.78198079	0	0.78198079
26	1	0	1.556	2.220116	0	0	0	0.33180722	11.76	0.736650399	0	0.7366504
26	2	0	1.622	2.168904	0	0	0	0.33250279	11.76	0.721166726	0	0.72116673
26	3	0	1.627	2.095429	0	0	0	0.33999153	11.76	0.712428003	0	0.712428
26	4	0	1.627	2.180651	0	0	0	0.33646699	11.76	0.733717141	0	0.73371714
26	5	0	1.699	2.300659	0	0	0	0.32953665	11.76	0.758151512	0	0.75815151
26	6	0	1.633	2.622058	0	0	0	0.33129482	11.76	0.868674126	0	0.86867413
26	7	0	1.549	2.797604	0	0	0	0.32969462	11.76	0.922354924	0	0.92235492
26	8	0	1.589	3.193342	0	0	0	0.28923602	11.76	0.923629656	0	0.92362966
26	9	0	1.566	2.991514	0	0	0	0.23606675	11.76	0.706196909	0	0.70619691
26	10	0	1.711	3.135332	0	0	0	0.23576621	11.76	0.739205383	0	0.73920538
26	11	0	1.642	2.977327	0	0	0	0.23986073	11.76	0.714143905	0	0.71414391
26	12	0	1.487	2.775867	0	0	0	0.246222	11.76	0.6834794	0	0.6834794
26	13	0	1.361	2.60018	0	0	0	0.2441915	11.76	0.634941841	0	0.63494184
26	14	0	1.368	2.534062	0	0	0	0.232244	11.76	0.588520731	0	0.58852073
26	15	0	1.416	2.634726	0	0	0	0.23972633	11.76	0.631613144	0	0.63161314
26	16	0	1.292	2.55144	0	0	0	0.28390243	11.76	0.724359955	0	0.72435995
26	17	0	0.991	2.494949	0	0	0	0.34069412	11.76	0.850014488	0	0.85001449
26	18	0	0.808	2.676423	0	0	0	0.33532817	11.76	0.897479884	0	0.89747988
26	19	0	0.82	2.778834	0	0	0	0.34048122	11.76	0.94614092	0	0.94614092
26	20	0	0.758	2.909975	0	0	0	0.33590086	11.76	0.977463123	0	0.97746312
26	21	0	0.706	2.799969	0	0	0	0.33767729	11.76	0.945485852	0	0.94548585
26	22	0	0.821	2.659729	0	0	0	0.33481558	11.76	0.89051854	0	0.89051854
26	23	0	1.019	2.434	0	0	0	0.32574867	11.76	0.792872268	0	0.79287227
26	24	0	1.12	2.235885	0	0	0	0.32693079	11.76	0.730979542	0	0.73097954
27	1	0	1.085	1.749116	0	0	0	0.33180722	11.76	0.580369214	0	0.58036921
27	2	0	1.116	1.662904	0	0	0	0.33250279	11.76	0.552920262	0	0.55292026
27	3	0	1.238	1.706429	0	0	0	0.33999153	11.76	0.580171279	0	0.58017128
27	4	0	1.138	1.691651	0	0	0	0.33646699	11.76	0.569184755	0	0.56918476
27	5	0	1.412	2.013659	0	0	0	0.32953665	11.76	0.663574435	0	0.66357444
27	6	0	1.384	2.373058	0	0	0	0.33129482	11.76	0.786181692	0	0.78618169
27	7	0	1.448	2.696604	0	0	0	0.32969462	11.76	0.889055744	0	0.88905574
27	8	0	1.066	2.670342	0	0	0	0.28923602	11.76	0.772359218	0	0.77235922
27	9	0	1.252	2.677514	0	0	0	0.23606675	11.76	0.63207192	0	0.63207192
27	10	0	0.993	2.417332	0	0	0	0.23576621	11.76	0.569925256	0	0.56992526
27	11	0	0.592	1.927327	0	0	0	0.23986073	11.76	0.462290152	0	0.46229015
27	12	0	0.249	1.537866	0	0	0	0.246222	11.76	0.378656557	0	0.37865656
27	13	0	0.244	1.48318	0	0	0	0.2441915	11.76	0.362179936	0	0.36217994
27	14	0	0.222	1.388062	0	0	0	0.232244	11.76	0.3223691	0	0.3223691
27	15	0	0.461	1.679726	0	0	0	0.23972633	11.76	0.402674491	0	0.40267449
27	16	0	0.532	1.79144	0	0	0	0.28390243	11.76	0.508594109	0	0.50859411
27	17	0	0.72	2.223949	0	0	0	0.34069412	11.76	0.757686331	0	0.75768633
27	18	0	0.683	2.551423	0	0	0	0.33532817	11.76	0.855563863	0	0.85556386
27	19	0	0.696	2.654834	0	0	0	0.34048122	11.76	0.903921223	0	0.90392122
27	20	0	0.739	2.890975	0	0	0	0.33590086	11.76	0.971080988	0	0.97108099
27	21	0	0.802	2.895969	0	0	0	0.33767729	11.76	0.977902857	0	0.97790286
27	22	0	0.825	2.663728	0	0	0	0.33481558	11.76	0.891857785	0	0.89185779
27	23	0	0.909	2.324	0	0	0	0.32574867	11.76	0.757039871	0	0.75703987
27	24	0	1.145	2.260885	0	0	0	0.32693079	11.76	0.739152843	0	0.73915284
28	1	0	1.173	1.837116	0	0	0	0.33180722	11.76	0.609568229	0	0.60956823
28	2	0	1.218	1.764904	0	0	0	0.33250279	11.76	0.586835586	0	0.58683559
28	3	0	1.264	1.732429	0	0	0	0.33999153	11.76	0.589011026	0	0.58901103
28	4	0	1.71	2.263651	0	0	0	0.33646699	11.76	0.761643882	0	0.76164388
28	5	0	1.831	2.432659	0	0	0	0.32953665	11.76	0.801650339	0	0.80165034
28	6	0	1.641	2.630058	0	0	0	0.33129482	11.76	0.87132445	0	0.87132445
28	7	0	1.462	2.710604	0	0	0	0.32969462	11.76	0.893671528	0	0.89367153
28	8	0	1.716	3.320343	0	0	0	0.28923602	11.76	0.960362657	0	0.96036266
28	9	0	1.457	2.882514	0	0	0	0.23606675	11.76	0.680465585	0	0.68046558
28	10	0	1.117	2.541332	0	0	0	0.23576621	11.76	0.599160228	0	0.59916023
28	11	0	0.812	2.147327	0	0	0	0.23986073	11.76	0.515059519	0	0.51505952
28	12	0	1.006	2.294867	0	0	0	0.246222	11.76	0.565046631	0	0.56504663
28	13	0	0.804	2.04318	0	0	0	0.2441915	11.76	0.498927193	0	0.49892719
28	14	0	0.991	2.157062	0	0	0	0.232244	11.76	0.500964721	0	0.50096472
28	15	0	0.896	2.114726	0	0	0	0.23972633	11.76	0.506955458	0	0.50695546
28	16	0	0.973	2.23244	0	0	0	0.28390243	11.76	0.633795077	0	0.63379508

28	17	0	1.01	2.513949	0	0	0	0.34069412	11.76	0.856487694	0	0.85648769
28	18	0	1.071	2.939422	0	0	0	0.33532817	11.76	0.985671116	0	0.98567112
28	19	0	1.186	3.144834	0	0	0	0.34048122	11.76	1.070757027	0	1.07075703
28	20	0	1.101	3.252975	0	0	0	0.33590086	11.76	1.092677176	0	1.09267718
28	21	0	1.187	3.280969	0	0	0	0.33767729	11.76	1.107908611	0	1.10790861
28	22	0	1.157	2.995728	0	0	0	0.33481558	11.76	1.003016563	0	1.00301656
28	23	0	1.32	2.735	0	0	0	0.32574867	11.76	0.890922657	0	0.89092266
28	24	0	1.382	2.497885	0	0	0	0.32693079	11.76	0.816635436	0	0.81663544
29	1	0	1.509	2.173116	0	0	0	0.33180722	11.76	0.721055482	0	0.72105548
29	2	0	1.3	1.846904	0	0	0	0.33250279	11.76	0.61410078	0	0.61410078
29	3	0	1.39	1.858429	0	0	0	0.33999153	11.76	0.631849974	0	0.63184997
29	4	0	1.204	1.757651	0	0	0	0.33646699	11.76	0.591391571	0	0.59139157
29	5	0	1.231	1.832659	0	0	0	0.32953665	11.76	0.603928343	0	0.60392834
29	6	0	1.352	2.341058	0	0	0	0.33129482	11.76	0.775580236	0	0.77558024
29	7	0	1.228	2.476604	0	0	0	0.32969462	11.76	0.816522998	0	0.816523
29	8	0	1.381	2.985343	0	0	0	0.28923602	11.76	0.86346858	0	0.86346858
29	9	0	1.404	2.829514	0	0	0	0.23606675	11.76	0.667954054	0	0.66795405
29	10	0	1.19	2.614332	0	0	0	0.23576621	11.76	0.616371207	0	0.61637121
29	11	0	0.958	2.293327	0	0	0	0.23986073	11.76	0.550079164	0	0.55007916
29	12	0	0.839	2.127867	0	0	0	0.246222	11.76	0.523927544	0	0.52392754
29	13	0	0.639	1.87818	0	0	0	0.2441915	11.76	0.458635604	0	0.4586356
29	14	0	0.289	1.455062	0	0	0	0.232244	11.76	0.337929455	0	0.33792945
29	15	0	0.33	1.548726	0	0	0	0.23972633	11.76	0.371270331	0	0.37127033
29	16	0	0.214	1.47344	0	0	0	0.28390243	11.76	0.418313147	0	0.41831315
29	17	0	0.348	1.851949	0	0	0	0.34069412	11.76	0.630948167	0	0.63094817
29	18	0	0.464	2.332422	0	0	0	0.33532817	11.76	0.782126961	0	0.78212696
29	19	0	0.51	2.468834	0	0	0	0.34048122	11.76	0.84059176	0	0.84059176
29	20	0	0.438	2.589975	0	0	0	0.33590086	11.76	0.86997487	0	0.86997487
29	21	0	0.471	2.564969	0	0	0	0.33767729	11.76	0.866131644	0	0.86613164
29	22	0	0.488	2.326728	0	0	0	0.33481558	11.76	0.779024892	0	0.77902489
29	23	0	0.535	1.95	0	0	0	0.32574867	11.76	0.635209922	0	0.63520992
29	24	0	0.709	1.824885	0	0	0	0.32693079	11.76	0.596610982	0	0.59661098
30	1	0	0.685	1.349116	0	0	0	0.33180722	11.76	0.447646335	0	0.44764634
30	2	0	0.989	1.535904	0	0	0	0.33250279	11.76	0.510692457	0	0.51069246
30	3	0	1.132	1.599429	0	0	0	0.33999153	11.76	0.543792188	0	0.54379219
30	4	0	1.448	2.000651	0	0	0	0.33646699	11.76	0.67315306	0	0.67315306
30	5	0	1.48	2.081659	0	0	0	0.32953665	11.76	0.685982953	0	0.68598295
30	6	0	1.501	2.490057	0	0	0	0.33129482	11.76	0.824943141	0	0.82494314
30	7	0	1.601	2.849604	0	0	0	0.32969462	11.76	0.939499138	0	0.93949914
30	8	0	1.613	3.217342	0	0	0	0.28923602	11.76	0.9305713	0	0.9305713
30	9	0	1.606	3.031514	0	0	0	0.23606675	11.76	0.715639569	0	0.71563957
30	10	0	1.049	2.473332	0	0	0	0.23576621	11.76	0.583128107	0	0.58312811
30	11	0	0.741	2.076327	0	0	0	0.23986073	11.76	0.498029384	0	0.49802938
30	12	0	0.253	1.541866	0	0	0	0.246222	11.76	0.379641432	0	0.37964143
30	13	0	0.248	1.48718	0	0	0	0.2441915	11.76	0.363156689	0	0.36315669
30	14	0	0.512	1.678062	0	0	0	0.232244	11.76	0.389719851	0	0.38971985
30	15	0	0.64	1.858726	0	0	0	0.23972633	11.76	0.445585508	0	0.44558551
30	16	0	0.626	1.88544	0	0	0	0.28390243	11.76	0.535280932	0	0.53528093
30	17	0	0.923	2.426949	0	0	0	0.34069412	11.76	0.826847261	0	0.82684726
30	18	0	1.006	2.874423	0	0	0	0.33532817	11.76	0.963874846	0	0.96387485
30	19	0	1.054	3.012834	0	0	0	0.34048122	11.76	1.025813516	0	1.02581352
30	20	0	1.16	3.311975	0	0	0	0.33590086	11.76	1.112495252	0	1.11249525
30	21	0	1.193	3.286969	0	0	0	0.33767729	11.76	1.109934689	0	1.10993469
30	22	0	1.307	3.145728	0	0	0	0.33481558	11.76	1.053238851	0	1.05323885
30	23	0	1.432	2.847	0	0	0	0.32574867	11.76	0.927406426	0	0.92740643
30	24	0	1.455	2.570885	0	0	0	0.32693079	11.76	0.840501369	0	0.84050137
31	1	0	1.686	2.350116	0	0	0	0.33180722	11.76	0.779785296	0	0.7797853
31	2	0	1.827	2.373904	0	0	0	0.33250279	11.76	0.789329772	0	0.78932977
31	3	0	1.744	2.212429	0	0	0	0.33999153	11.76	0.752206965	0	0.75220697
31	4	0	1.762	2.315651	0	0	0	0.33646699	11.76	0.779140181	0	0.77914018
31	5	0	1.754	2.355659	0	0	0	0.32953665	11.76	0.776276049	0	0.77627605
31	6	0	1.609	2.598058	0	0	0	0.33129482	11.76	0.860722994	0	0.86072299
31	7	0	1.676	2.924604	0	0	0	0.32969462	11.76	0.964226171	0	0.96422617
31	8	0	1.604	3.208342	0	0	0	0.28923602	11.76	0.927968158	0	0.92796816
31	9	0	1.471	2.896513	0	0	0	0.23606675	11.76	0.683770505	0	0.6837705
31	10	0	1.275	2.699332	0	0	0	0.23576621	11.76	0.636411288	0	0.63641129
31	11	0	1.01	2.345327	0	0	0	0.23986073	11.76	0.562551932	0	0.56255193
31	12	0	0.754	2.042866	0	0	0	0.246222	11.76	0.502998665	0	0.50299866
31	13	0	0.596	1.83518	0	0	0	0.2441915	11.76	0.448135344	0	0.44813534
31	14	0	0.988	2.154062	0	0	0	0.232244	11.76	0.500267984	0	0.50026798
31	15	0	1.025	2.243726	0	0	0	0.23972633	11.76	0.537880142	0	0.53788014
31	16	0	1.099	2.35844	0	0	0	0.28390243	11.76	0.669566763	0	0.66956676
31	17	0	1.195	2.698949	0	0	0	0.34069412	11.76	0.919516087	0	0.91951609
31	18	0	1.208	3.076422	0	0	0	0.33532817	11.76	1.031611103	0	1.0316111
31	19	0	1.28	3.238834	0	0	0	0.34048122	11.76	1.102762296	0	1.1027623
31	20	0	1.238	3.389975	0	0	0	0.33590086	11.76	1.138695542	0	1.13869554
31	21	0	1.294	3.387969	0	0	0	0.33767729	11.76	1.144040039	0	1.14404004
31	22	0	1.31	3.148728	0	0	0	0.33481558	11.76	1.054243305	0	1.0542433
31	23	0	1.301	2.716	0	0	0	0.32574867	11.76	0.884733414	0	0.88473341
31	24	0	1.273	2.388885	0	0	0	0.32693079	11.76	0.780999991	0	0.78099999
32	1	0	1.112	1.777116	0	0	0	0.28370562	11.76	0.504177671	0	0.50417767
32	2	0	1.03	1.576904	0	0	0	0.29120238	11.76	0.459198256	0	0.45919826
32	3	0	0.973	1.441429	0	0	0	0.29307347	11.76	0.422444496	0	0.4224445
32	4	0	0.908	1.460651	0	0	0	0.29359856	11.76	0.428845081	0	0.42884508
32	5	0	0.96	1.560659	0	0	0	0.28192884	11.76	0.439994837	0	0.43999484
32	6	0	0.853	1.843058	0	0	0	0.26903208	11.76	0.495841599	0	0.4958416
32	7	0	0.743	1.994604	0	0	0	0.25129764	11.76	0.501239238	0	0.50123924
32	8	0	0.881	2.494342	0	0	0	0.18930497	11.76	0.472191396	0	0.4721914
32	9	0	0.756	2.188514	0	0	0	0.17771183	11.76	0.388924779	0	0.38892478
32	10	0	0.409	1.840332	0	0	0	0.17328841	11.76	0.318908213	0	0.31890821
32	11	0	0.909	2.251328	0	0	0	0.17712557	11.76	0.398767662	0	0.39876766
32	12	0	0.232	1.526866	0	0	0	0.17839	11.76	0.272377699	0	0.2723777
32	13	0	0	1.29118	0	0	0	0.17376823	11.76	0.224366039	0	0.22436604
32	14	0	0	1.216062	0	0	0	0.1748314	11.76	0.212605857	0	0.21260586
32	15	0	0	1.267726	0	0	0	0.17873388	11.76	0.226585532	0	0.22658553
32	16	0	0	1.30744	0	0	0	0.18736515	11.76	0.24496865	0	0.24496865
32	17	0	0	1.551949	0	0	0	0.2482257	11.76	0.385233637	0	0.38523364
32	18	0	0.096	1.968422	0	0	0	0.26032909	11.76	0.512437607	0	0.51243761
32	19	0	0.096	2.059834	0	0	0	0.25413596	11.76	0.523477956	0	0.52347796
32	20	0	0.096	2.253975	0	0	0	0.2567631	11.76	0.57873764	0	0.57873764
32	21	0	0.273	2.372969	0	0	0	0.25746678	11.76	0.61096061	0	0.61096061
32	22	0	0.584	2.428728	0	0	0	0.25608798	11.76	0.621968138	0	0.62196814
32	23	0	0.931	2.351	0	0	0	0.26579547	11.76	0.624885171	0	0.62488517
32	24	0	0.958	2.077885	0	0	0	0.27663488	11.76	0.574815374	0	0.57481537
33	1	0	1.579	2.244116	0	0	0	0.28370562	11.76	0.636668196	0	0.6366682
33	2	0	1.651	2.197904	0	0	0	0.29120238	11.76	0.640034986	0	0.64003499
33	3	0	1.677	2.145429	0	0	0	0.29307347	11.76	0.628768215	0	0.62876822
33	4	0	1.792	2.345651	0	0	0	0.29359856	11.76	0.688679806	0	0.68867981
33	5	0	1.873	2.474659	0	0	0	0.28192884	11.76	0.697677744	0	0.69767774
33	6	0	1.61	2.600058	0	0	0	0.26903208	11.76	0.699498909	0	0.69949891
33	7	0	1.562	2.813604	0	0	0	0.25129764	11.76	0.707052004	0	0.707052

33	8	0	1.571	3.184342	0	0	0	0.18930497	11.76	0.602811835	0	0.60281183
33	9	0	1.648	3.080514	0	0	0	0.17771183	11.76	0.547443722	0	0.54744372
33	10	0	1.103	2.534332	0	0	0	0.17328841	11.76	0.439170372	0	0.43917037
33	11	0	0.799	2.141327	0	0	0	0.17712557	11.76	0.379283826	0	0.37928383
33	12	0	0.262	1.556867	0	0	0	0.17839	11.76	0.277729415	0	0.27772941
33	13	0	0.218	1.46318	0	0	0	0.17376823	11.76	0.254254182	0	0.25425418
33	14	0	0.261	1.432062	0	0	0	0.1748314	11.76	0.250369434	0	0.25036943
33	15	0	0.302	1.524726	0	0	0	0.17873388	11.76	0.272520155	0	0.27252015
33	16	0	0.256	1.51944	0	0	0	0.18736515	11.76	0.284690063	0	0.28469006
33	17	0	0.299	1.806949	0	0	0	0.2482257	11.76	0.44853119	0	0.44853119
33	18	0	0.317	2.191422	0	0	0	0.26032909	11.76	0.570491007	0	0.57049101
33	19	0	0.364	2.329834	0	0	0	0.25413596	11.76	0.59209466	0	0.59209466
33	20	0	0.389	2.547975	0	0	0	0.2567631	11.76	0.654225967	0	0.65422597
33	21	0	0.574	2.674969	0	0	0	0.25746678	11.76	0.68871559	0	0.68871559
33	22	0	0.608	2.452729	0	0	0	0.25608798	11.76	0.628114292	0	0.62811429
33	23	0	0.713	2.133	0	0	0	0.26579547	11.76	0.566941712	0	0.56694171
33	24	0	0.779	1.898885	0	0	0	0.27663488	11.76	0.525297725	0	0.52529772
34	1	0	0.963	1.628116	0	0	0	0.28370562	11.76	0.461905554	0	0.46190555
34	2	0	0.936	1.482904	0	0	0	0.29120238	11.76	0.431825237	0	0.43182524
34	3	0	0.943	1.410429	0	0	0	0.29307347	11.76	0.413359213	0	0.41335921
34	4	0	1.127	1.679651	0	0	0	0.29359856	11.76	0.493143126	0	0.49314313
34	5	0	1.154	1.754659	0	0	0	0.28192884	11.76	0.494689001	0	0.494689
34	6	0	1.118	2.108057	0	0	0	0.26903208	11.76	0.567135097	0	0.5671351
34	7	0	1.177	2.428604	0	0	0	0.25129764	11.76	0.610302476	0	0.61030248
34	8	0	1.106	2.719342	0	0	0	0.18930497	11.76	0.514785041	0	0.51478504
34	9	0	0.768	2.200514	0	0	0	0.17771183	11.76	0.391057294	0	0.39105729
34	10	0	0.3	1.731332	0	0	0	0.17328841	11.76	0.300019782	0	0.30001978
34	11	0	0	1.388327	0	0	0	0.17712557	11.76	0.24590827	0	0.24590827
34	12	0	0	1.339866	0	0	0	0.17839	11.76	0.239018763	0	0.23901876
34	13	0	0.096	1.34018	0	0	0	0.17376823	11.76	0.232880686	0	0.23288069
34	14	0	0	1.216062	0	0	0	0.1748314	11.76	0.212605857	0	0.21260586
34	15	0	0	1.266726	0	0	0	0.17873388	11.76	0.226406811	0	0.22640681
34	16	0	0.096	1.35644	0	0	0	0.18736515	11.76	0.254149546	0	0.25414955
34	17	0	0.096	1.601949	0	0	0	0.2482257	11.76	0.397644939	0	0.39764494
34	18	0	0.096	1.968422	0	0	0	0.26032909	11.76	0.512437607	0	0.51243761
34	19	0	0.096	2.059834	0	0	0	0.25413596	11.76	0.523477956	0	0.52347796
34	20	0	0.096	2.252975	0	0	0	0.2567631	11.76	0.578480834	0	0.57848083
34	21	0	0.096	2.195969	0	0	0	0.25746678	11.76	0.565388977	0	0.56538898
34	22	0	0.156	1.999728	0	0	0	0.25608798	11.76	0.512106419	0	0.51210642
34	23	0	0.512	1.932	0	0	0	0.26579547	11.76	0.513516829	0	0.51351683
34	24	0	0.821	1.940885	0	0	0	0.27663488	11.76	0.536916405	0	0.53691641
35	1	0	0.952	1.617116	0	0	0	0.28370562	11.76	0.458784782	0	0.45878478
35	2	0	1.075	1.621904	0	0	0	0.29120238	11.76	0.472302386	0	0.47230239
35	3	0	1.097	1.564429	0	0	0	0.29307347	11.76	0.45849254	0	0.45849254
35	4	0	1.108	1.660651	0	0	0	0.29359856	11.76	0.487564807	0	0.48756481
35	5	0	1.14	1.740659	0	0	0	0.28192884	11.76	0.490742015	0	0.49074201
35	6	0	1.093	2.083057	0	0	0	0.26903208	11.76	0.560409269	0	0.56040927
35	7	0	1.06	2.311604	0	0	0	0.25129764	11.76	0.580900627	0	0.58090063
35	8	0	1	2.613342	0	0	0	0.18930497	11.76	0.494718679	0	0.49471868
35	9	0	0.974	2.406514	0	0	0	0.17771183	11.76	0.427665946	0	0.42766595
35	10	0	0.901	2.332332	0	0	0	0.17328841	11.76	0.404166129	0	0.40416613
35	11	0	0.791	2.133327	0	0	0	0.17712557	11.76	0.37786684	0	0.37786684
35	12	0	0.674	1.968867	0	0	0	0.17839	11.76	0.351226104	0	0.3512261
35	13	0	0.578	1.82318	0	0	0	0.17376823	11.76	0.316810746	0	0.31681075
35	14	0	0.679	1.850062	0	0	0	0.1748314	11.76	0.323448957	0	0.32344896
35	15	0	0.653	1.875726	0	0	0	0.17873388	11.76	0.335255737	0	0.33525574
35	16	0	0.672	1.93544	0	0	0	0.18736515	11.76	0.362633965	0	0.36263397
35	17	0	0.759	2.266949	0	0	0	0.2482257	11.76	0.562715052	0	0.56271505
35	18	0	0.775	2.649422	0	0	0	0.26032909	11.76	0.689721713	0	0.68972171
35	19	0	0.834	2.799834	0	0	0	0.25413596	11.76	0.711538569	0	0.71153857
35	20	0	0.997	3.155975	0	0	0	0.2567631	11.76	0.81033794	0	0.81033794
35	21	0	1.124	3.224968	0	0	0	0.25746678	11.76	0.830322247	0	0.83032225
35	22	0	1.234	3.078728	0	0	0	0.25608798	11.76	0.78842535	0	0.78842535
35	23	0	1.262	2.682	0	0	0	0.26579547	11.76	0.712863432	0	0.71286343
35	24	0	1.326	2.445885	0	0	0	0.27663488	11.76	0.676617017	0	0.67661702
36	1	0	1.464	2.129116	0	0	0	0.28370562	11.76	0.604042047	0	0.60404205
36	2	0	1.624	2.170904	0	0	0	0.29120238	11.76	0.632172467	0	0.63217247
36	3	0	1.627	2.095429	0	0	0	0.29307347	11.76	0.614114556	0	0.61411456
36	4	0	1.693	2.246651	0	0	0	0.29359856	11.76	0.659613555	0	0.65961355
36	5	0	1.714	2.315659	0	0	0	0.28192884	11.76	0.65285108	0	0.65285108
36	6	0	1.803	2.793057	0	0	0	0.26903208	11.76	0.751422057	0	0.75142206
36	7	0	1.744	2.995604	0	0	0	0.25129764	11.76	0.752788214	0	0.75278821
36	8	0	1.79	3.403342	0	0	0	0.18930497	11.76	0.644269642	0	0.64426964
36	9	0	1.658	3.090514	0	0	0	0.17771183	11.76	0.549220839	0	0.54922084
36	10	0	1.497	2.928332	0	0	0	0.17328841	11.76	0.507446015	0	0.50744601
36	11	0	1.259	2.601327	0	0	0	0.17712557	11.76	0.460761593	0	0.46076159
36	12	0	0.775	2.069866	0	0	0	0.17839	11.76	0.369243464	0	0.36924346
36	13	0	0.354	1.59918	0	0	0	0.17376823	11.76	0.277886667	0	0.27788667
36	14	0	0.096	1.267062	0	0	0	0.1748314	11.76	0.221522259	0	0.22152226
36	15	0	0.096	1.318726	0	0	0	0.17873388	11.76	0.23570096	0	0.23570096
36	16	0	0.096	1.35844	0	0	0	0.18736515	11.76	0.254524272	0	0.25452427
36	17	0	0.096	1.602949	0	0	0	0.2482257	11.76	0.397893147	0	0.39789315
36	18	0	0.096	1.969422	0	0	0	0.26032909	11.76	0.512697949	0	0.51269795
36	19	0	0.435	2.400834	0	0	0	0.25413596	11.76	0.610138339	0	0.61013834
36	20	0	0.776	2.934975	0	0	0	0.2567631	11.76	0.753593307	0	0.75359331
36	21	0	0.878	2.978969	0	0	0	0.25746678	11.76	0.766985466	0	0.76698547
36	22	0	1.115	2.959728	0	0	0	0.25608798	11.76	0.757950891	0	0.75795089
36	23	0	1.323	2.743	0	0	0	0.26579547	11.76	0.729076985	0	0.72907698
36	24	0	1.41	2.529885	0	0	0	0.27663488	11.76	0.699854312	0	0.69985431
37	1	0	1.707	2.372116	0	0	0	0.28370562	11.76	0.67298252	0	0.67298252
37	2	0	1.958	2.504904	0	0	0	0.29120238	11.76	0.729434095	0	0.7294341
37	3	0	1.795	2.263429	0	0	0	0.29307347	11.76	0.663350894	0	0.66335089
37	4	0	1.791	2.344651	0	0	0	0.29359856	11.76	0.688386229	0	0.68838623
37	5	0	1.771	2.372659	0	0	0	0.28192884	11.76	0.66892107	0	0.66892107
37	6	0	1.816	2.806057	0	0	0	0.26903208	11.76	0.754919477	0	0.75491948
37	7	0	1.846	3.097604	0	0	0	0.25129764	11.76	0.778420513	0	0.77842051
37	8	0	1.778	3.391342	0	0	0	0.18930497	11.76	0.641997921	0	0.64199792
37	9	0	1.586	3.018514	0	0	0	0.17771183	11.76	0.536425583	0	0.53642558
37	10	0	0.85	2.281332	0	0	0	0.17328841	11.76	0.3953284	0	0.3953284
37	11	0	0.264	1.606327	0	0	0	0.17712557	11.76	0.284521654	0	0.28452165
37	12	0	0.096	1.390867	0	0	0	0.17839	11.76	0.248116674	0	0.24811667
37	13	0	0.096	1.34118	0	0	0	0.17376823	11.76	0.233054463	0	0.23305446
37	14	0	0.096	1.267062	0	0	0	0.1748314	11.76	0.221522259	0	0.22152226
37	15	0	0.096	1.317726	0	0	0	0.17873388	11.76	0.235522239	0	0.23552224
37	16	0	0.096	1.35744	0	0	0	0.18736515	11.76	0.254336898	0	0.2543369
37	17	0	0.096	1.601949	0	0	0	0.2482257	11.76	0.397644939	0	0.39764494
37	18	0	0.096	1.968422	0	0	0	0.26032909	11.76	0.512437607	0	0.51243761
37	19	0	0.096	2.059834	0	0	0	0.25413596	11.76	0.523477956	0	0.52347796
37	20	0	0.291	2.448975	0	0	0	0.2567631	11.76	0.628806427	0	0.62880643
37	21	0	0.76	2.860969	0	0	0	0.25746678	11.76	0.736604378	0	0.73660438
37	22	0	1.115	2.959728	0	0	0	0.25608798	11.76	0.757950891	0	0.75795089

37	23	0	1.449	2.869	0	0	0	0.26579547	11.76	0.762567195	0	0.76256719
37	24	0	1.694	2.813885	0	0	0	0.27663488	11.76	0.778418661	0	0.77841866
38	1	0	1.716	2.381116	0	0	0	0.28370562	11.76	0.675535889	0	0.67553589
38	2	0	1.808	2.354904	0	0	0	0.29120238	11.76	0.68575371	0	0.68575371
38	3	0	1.871	2.339429	0	0	0	0.29307347	11.76	0.68562447	0	0.68562447
38	4	0	1.87	2.423651	0	0	0	0.29359856	11.76	0.711580514	0	0.71158051
38	5	0	1.878	2.479659	0	0	0	0.28192884	11.76	0.699087421	0	0.69908742
38	6	0	1.934	2.924057	0	0	0	0.26903208	11.76	0.786665271	0	0.78666527
38	7	0	1.832	3.083604	0	0	0	0.25129764	11.76	0.774902361	0	0.77490236
38	8	0	1.96	3.573342	0	0	0	0.18930497	11.76	0.676451456	0	0.67645146
38	9	0	1.498	2.930514	0	0	0	0.17771183	11.76	0.520786931	0	0.52078693
38	10	0	0.79	2.221332	0	0	0	0.17328841	11.76	0.384931105	0	0.38493111
38	11	0	0.247	1.589327	0	0	0	0.17712557	11.76	0.281510526	0	0.28151053
38	12	0	0.096	1.390867	0	0	0	0.17839	11.76	0.248116674	0	0.24811667
38	13	0	0.096	1.34118	0	0	0	0.17376823	11.76	0.233054463	0	0.23305446
38	14	0	0.096	1.266062	0	0	0	0.1748314	11.76	0.221347419	0	0.22134742
38	15	0	0.096	1.316726	0	0	0	0.17873388	11.76	0.235343497	0	0.2353435
38	16	0	0.096	1.35744	0	0	0	0.18736515	11.76	0.254336898	0	0.2543369
38	17	0	0.096	1.600949	0	0	0	0.2482257	11.76	0.397396702	0	0.3973967
38	18	0	0.096	1.967422	0	0	0	0.26032909	11.76	0.512177297	0	0.5121773
38	19	0	0.096	2.059834	0	0	0	0.25413596	11.76	0.523477956	0	0.52347796
38	20	0	0.096	2.253975	0	0	0	0.2567631	11.76	0.57873764	0	0.57873764
38	21	0	0.45	2.549969	0	0	0	0.25746678	11.76	0.656532242	0	0.65653224
38	22	0	1.092	2.936728	0	0	0	0.25608798	11.76	0.752060867	0	0.75206087
38	23	0	1.463	2.883	0	0	0	0.26579547	11.76	0.766288379	0	0.76628838
38	24	0	1.636	2.755885	0	0	0	0.27663488	11.76	0.762373814	0	0.76237381
39	1	0	1.942	2.607116	0	0	0	0.28370562	11.76	0.739653378	0	0.73965338
39	2	0	2.175	2.721904	0	0	0	0.29120238	11.76	0.792625015	0	0.79262502
39	3	0	2.29	2.758429	0	0	0	0.29307347	11.76	0.808422226	0	0.80842223
39	4	0	2.347	2.900651	0	0	0	0.29359856	11.76	0.851626958	0	0.85162696
39	5	0	2.38	2.981659	0	0	0	0.28192884	11.76	0.840615727	0	0.84061573
39	6	0	2.474	3.464057	0	0	0	0.26903208	11.76	0.931942585	0	0.93194259
39	7	0	2.441	3.692604	0	0	0	0.25129764	11.76	0.927942673	0	0.92794267
39	8	0	2.401	4.014342	0	0	0	0.18930497	11.76	0.759934944	0	0.75993494
39	9	0	1.865	3.297514	0	0	0	0.17771183	11.76	0.58600719	0	0.58600719
39	10	0	0.976	2.407332	0	0	0	0.17328841	11.76	0.417162727	0	0.41716273
39	11	0	0.321	1.663327	0	0	0	0.17712557	11.76	0.294617818	0	0.29461782
39	12	0	0.096	1.390867	0	0	0	0.17839	11.76	0.248116674	0	0.24811667
39	13	0	0.096	1.34018	0	0	0	0.17376823	11.76	0.232880686	0	0.23288069
39	14	0	0.096	1.266062	0	0	0	0.1748314	11.76	0.221347419	0	0.22134742
39	15	0	0.096	1.316726	0	0	0	0.17873388	11.76	0.235343497	0	0.2353435
39	16	0	0.096	1.35644	0	0	0	0.18736515	11.76	0.254149546	0	0.25414955
39	17	0	0.096	1.600949	0	0	0	0.2482257	11.76	0.397396702	0	0.3973967
39	18	0	0.096	1.967422	0	0	0	0.26032909	11.76	0.512177297	0	0.5121773
39	19	0	0.096	2.058834	0	0	0	0.25413596	11.76	0.523223838	0	0.52322384
39	20	0	0.096	2.252975	0	0	0	0.2567631	11.76	0.578480834	0	0.57848083
39	21	0	0.096	2.195969	0	0	0	0.25746678	11.76	0.565388977	0	0.56538898
39	22	0	0.765	2.609728	0	0	0	0.25608798	11.76	0.668320061	0	0.66832006
39	23	0	1.257	2.677	0	0	0	0.26579547	11.76	0.711534488	0	0.71153449
39	24	0	1.696	2.815885	0	0	0	0.27663488	11.76	0.77897189	0	0.77897189
40	1	0	2.018	2.683115	0	0	0	0.28370562	11.76	0.76121493	0	0.76121493
40	2	0	2.215	2.761904	0	0	0	0.29120238	11.76	0.804273099	0	0.8042731
40	3	0	2.349	2.817429	0	0	0	0.29307347	11.76	0.825713565	0	0.82571357
40	4	0	2.419	2.972651	0	0	0	0.29359856	11.76	0.872766062	0	0.87276606
40	5	0	2.603	3.204659	0	0	0	0.28192884	11.76	0.903485873	0	0.90348587
40	6	0	2.395	3.385057	0	0	0	0.26903208	11.76	0.910689052	0	0.91068905
40	7	0	2.474	3.725604	0	0	0	0.25129764	11.76	0.936235493	0	0.93623549
40	8	0	2.481	4.094342	0	0	0	0.18930497	11.76	0.775079327	0	0.77507933
40	9	0	1.906	3.338514	0	0	0	0.17771183	11.76	0.593293355	0	0.59329336
40	10	0	1.056	2.487332	0	0	0	0.17328841	11.76	0.431025828	0	0.43102583
40	11	0	0.456	1.798327	0	0	0	0.17712557	11.76	0.318529768	0	0.31852977
40	12	0	0.096	1.390867	0	0	0	0.17839	11.76	0.248116674	0	0.24811667
40	13	0	0.096	1.34118	0	0	0	0.17376823	11.76	0.233054463	0	0.23305446
40	14	0	0.096	1.266062	0	0	0	0.1748314	11.76	0.221347419	0	0.22134742
40	15	0	0.096	1.317726	0	0	0	0.17873388	11.76	0.235522239	0	0.23552224
40	16	0	0.096	1.35844	0	0	0	0.18736515	11.76	0.254524272	0	0.25452427
40	17	0	0.096	1.601949	0	0	0	0.2482257	11.76	0.397644939	0	0.39764494
40	18	0	0.096	1.969422	0	0	0	0.26032909	11.76	0.512697949	0	0.51269795
40	19	0	0.529	2.494834	0	0	0	0.25413596	11.76	0.634027084	0	0.63402708
40	20	0	0.709	2.867975	0	0	0	0.2567631	11.76	0.736390141	0	0.73639014
40	21	0	0.971	3.071969	0	0	0	0.25746678	11.76	0.79092986	0	0.79092986
40	22	0	1.191	3.035728	0	0	0	0.25608798	11.76	0.777413571	0	0.77741357
40	23	0	1.579	2.999	0	0	0	0.26579547	11.76	0.797120637	0	0.79712064
40	24	0	1.839	2.958885	0	0	0	0.27663488	11.76	0.818530713	0	0.81853071
41	1	0	1.975	2.640115	0	0	0	0.28370562	11.76	0.749015593	0	0.74901559
41	2	0	2.159	2.705904	0	0	0	0.29120238	11.76	0.787965767	0	0.78796577
41	3	0	2.253	2.721429	0	0	0	0.29307347	11.76	0.797578525	0	0.79757853
41	4	0	2.352	2.905651	0	0	0	0.29359856	11.76	0.853094984	0	0.85309498
41	5	0	2.219	2.820659	0	0	0	0.28192884	11.76	0.795225179	0	0.79522518
41	6	0	2.092	3.082057	0	0	0	0.26903208	11.76	0.829172338	0	0.82917234
41	7	0	2.216	3.467604	0	0	0	0.25129764	11.76	0.871400729	0	0.87140073
41	8	0	2.223	3.836342	0	0	0	0.18930497	11.76	0.726238665	0	0.72623866
41	9	0	1.627	3.059514	0	0	0	0.17771183	11.76	0.543711748	0	0.54371175
41	10	0	1.225	2.656332	0	0	0	0.17328841	11.76	0.460311554	0	0.46031155
41	11	0	0.765	2.107327	0	0	0	0.17712557	11.76	0.373261571	0	0.37326157
41	12	0	0.41	1.704867	0	0	0	0.17839	11.76	0.304131135	0	0.30413113
41	13	0	0.199	1.44418	0	0	0	0.17376823	11.76	0.250952598	0	0.2509526
41	14	0	0.096	1.267062	0	0	0	0.1748314	11.76	0.221522259	0	0.22152226
41	15	0	0.096	1.318726	0	0	0	0.17873388	11.76	0.23570096	0	0.23570096
41	16	0	0.096	1.35944	0	0	0	0.18736515	11.76	0.254711646	0	0.25471165
41	17	0	0.178	1.685949	0	0	0	0.2482257	11.76	0.418495896	0	0.4184959
41	18	0	0.574	2.448422	0	0	0	0.26032909	11.76	0.637395574	0	0.63739557
41	19	0	0.878	2.843834	0	0	0	0.25413596	11.76	0.72272059	0	0.72272059
41	20	0	0.957	3.115975	0	0	0	0.2567631	11.76	0.800067426	0	0.80006743
41	21	0	1.199	3.299969	0	0	0	0.25746678	11.76	0.849632329	0	0.84963233
41	22	0	1.347	3.191728	0	0	0	0.25608798	11.76	0.81736327	0	0.81736327
41	23	0	1.518	2.938	0	0	0	0.26579547	11.76	0.780907084	0	0.78090708
41	24	0	1.766	2.885885	0	0	0	0.27663488	11.76	0.798336313	0	0.79833631
42	1	0	1.897	2.562116	0	0	0	0.28370562	11.76	0.726886604	0	0.7268866
42	2	0	2.017	2.563904	0	0	0	0.29120238	11.76	0.746615041	0	0.74661504
42	3	0	2.086	2.554429	0	0	0	0.29307347	11.76	0.74863524	0	0.74863524
42	4	0	2.094	2.647651	0	0	0	0.29359856	11.76	0.777346515	0	0.77734652
42	5	0	2.079	2.680659	0	0	0	0.28192884	11.76	0.755755111	0	0.75575511
42	6	0	1.941	2.931057	0	0	0	0.26903208	11.76	0.788548488	0	0.78854849
42	7	0	1.873	3.124604	0	0	0	0.25129764	11.76	0.785205536	0	0.78520554
42	8	0	1.81	3.423342	0	0	0	0.18930497	11.76	0.648055692	0	0.64805569
42	9	0	1.74	3.172514	0	0	0	0.17771183	11.76	0.563793212	0	0.56379321
42	10	0	1.621	3.052332	0	0	0	0.17328841	11.76	0.528933749	0	0.52893375
42	11	0	1.223	2.565327	0	0	0	0.17712557	11.76	0.454385071	0	0.45438507
42	12	0	1.079	2.373867	0	0	0	0.17839	11.76	0.423474048	0	0.42347405
42	13	0	0.796	2.04118	0	0	0	0.17376823	11.76	0.354692208	0	0.35469221

42	14	0	0.705	1.876062	0	0	0	0.1748314	11.76	0.327994577	0	0.32799458
42	15	0	0.599	1.821726	0	0	0	0.17873388	11.76	0.325604104	0	0.3256041
42	16	0	0.774	2.03744	0	0	0	0.18736515	11.76	0.38174521	0	0.38174521
42	17	0	0.81	2.317949	0	0	0	0.2482257	11.76	0.575374533	0	0.57537453
42	18	0	0.938	2.812423	0	0	0	0.26032909	11.76	0.732155382	0	0.73215538
42	19	0	1.201	3.166834	0	0	0	0.25413596	11.76	0.804806494	0	0.80480649
42	20	0	1.299	3.457975	0	0	0	0.2567631	11.76	0.887880407	0	0.88788041
42	21	0	1.391	3.491969	0	0	0	0.25746678	11.76	0.899065929	0	0.89906593
42	22	0	1.57	3.414728	0	0	0	0.25608798	11.76	0.874470903	0	0.8744709
42	23	0	1.866	3.286	0	0	0	0.26579547	11.76	0.873403921	0	0.87340392
42	24	0	2.021	3.140885	0	0	0	0.27663488	11.76	0.868878239	0	0.86887824
43	1	0	2.262	2.927116	0	0	0	0.28370562	11.76	0.830439156	0	0.83043916
43	2	0	2.405	2.951904	0	0	0	0.29120238	11.76	0.859601569	0	0.85960157
43	3	0	2.394	2.862429	0	0	0	0.29307347	11.76	0.838901894	0	0.83890189
43	4	0	2.489	3.042651	0	0	0	0.29359856	11.76	0.893317942	0	0.89331794
43	5	0	2.566	3.167659	0	0	0	0.28192884	11.76	0.893054456	0	0.89305446
43	6	0	2.546	3.536057	0	0	0	0.26903208	11.76	0.951312902	0	0.9513129
43	7	0	2.455	3.706604	0	0	0	0.25129764	11.76	0.931460825	0	0.93146082
43	8	0	2.197	3.810342	0	0	0	0.18930497	11.76	0.721316731	0	0.72131673
43	9	0	1.539	2.971514	0	0	0	0.17771183	11.76	0.528073139	0	0.52807314
43	10	0	0.689	2.120332	0	0	0	0.17328841	11.76	0.367428963	0	0.36742896
43	11	0	0.096	1.438327	0	0	0	0.17712557	11.76	0.254764561	0	0.25476456
43	12	0	0.096	1.390867	0	0	0	0.17839	11.76	0.248116674	0	0.24811667
43	13	0	0.096	1.34018	0	0	0	0.17376823	11.76	0.232880686	0	0.23288069
43	14	0	0.096	1.266062	0	0	0	0.1748314	11.76	0.221347419	0	0.22134742
43	15	0	0.096	1.316726	0	0	0	0.17873388	11.76	0.235343497	0	0.2353435
43	16	0	0.096	1.35744	0	0	0	0.18736515	11.76	0.254336898	0	0.2543369
43	17	0	0.096	1.600949	0	0	0	0.2482257	11.76	0.397396702	0	0.3973967
43	18	0	0.096	1.967422	0	0	0	0.26032909	11.76	0.512177297	0	0.5121773
43	19	0	0.096	2.059834	0	0	0	0.25413596	11.76	0.523477956	0	0.52347796
43	20	0	0.212	2.369975	0	0	0	0.2567631	11.76	0.608522143	0	0.60852214
43	21	0	0.737	2.837969	0	0	0	0.25746678	11.76	0.730682642	0	0.73068264
43	22	0	1.207	3.051728	0	0	0	0.25608798	11.76	0.781510987	0	0.78151099
43	23	0	1.598	3.018	0	0	0	0.26579547	11.76	0.802170701	0	0.8021707
43	24	0	1.895	3.014885	0	0	0	0.27663488	11.76	0.834022264	0	0.83402226
44	1	0	2.152	2.817116	0	0	0	0.28370562	11.76	0.7992315	0	0.7992315
44	2	0	2.363	2.909904	0	0	0	0.29120238	11.76	0.847371122	0	0.84737112
44	3	0	2.445	2.913429	0	0	0	0.29307347	11.76	0.853848605	0	0.85384861
44	4	0	2.512	3.065651	0	0	0	0.29359856	11.76	0.900070779	0	0.90007078
44	5	0	2.513	3.114659	0	0	0	0.28192884	11.76	0.878112234	0	0.87811223
44	6	0	2.362	3.352057	0	0	0	0.26903208	11.76	0.901810995	0	0.90181099
44	7	0	2.184	3.435604	0	0	0	0.25129764	11.76	0.863359188	0	0.86335919
44	8	0	2.18	3.793343	0	0	0	0.18930497	11.76	0.718098599	0	0.7180986
44	9	0	2.179	3.611514	0	0	0	0.17771183	11.76	0.641808685	0	0.64180868
44	10	0	2.138	3.569332	0	0	0	0.17328841	11.76	0.618523892	0	0.61852389
44	11	0	2.053	3.395327	0	0	0	0.17712557	11.76	0.601399277	0	0.60139928
44	12	0	1.79	3.084867	0	0	0	0.17839	11.76	0.55030933	0	0.55030933
44	13	0	1.743	2.98818	0	0	0	0.17376823	11.76	0.519250722	0	0.51925072
44	14	0	1.677	2.848062	0	0	0	0.1748314	11.76	0.49793068	0	0.49793068
44	15	0	1.612	2.834726	0	0	0	0.17873388	11.76	0.506661546	0	0.50666155
44	16	0	1.559	2.82244	0	0	0	0.18736515	11.76	0.528826865	0	0.52882687
44	17	0	1.633	3.140949	0	0	0	0.2482257	11.76	0.779664274	0	0.77966427
44	18	0	1.829	3.703423	0	0	0	0.26032909	11.76	0.964108606	0	0.96410861
44	19	0	1.844	3.809834	0	0	0	0.25413596	11.76	0.968215888	0	0.96821589
44	20	0	1.904	4.062975	0	0	0	0.2567631	11.76	1.043222024	0	1.04322202
44	21	0	1.904	4.004969	0	0	0	0.25746678	11.76	1.031146391	0	1.03114639
44	22	0	1.908	3.752728	0	0	0	0.25608798	11.76	0.961028656	0	0.96102866
44	23	0	2.091	3.511	0	0	0	0.26579547	11.76	0.93320794	0	0.93320794
44	24	0	2.251	3.370885	0	0	0	0.27663488	11.76	0.932504266	0	0.93250427
45	1	0	2.339	3.004116	0	0	0	0.28370562	11.76	0.852284461	0	0.85228446
45	2	0	2.423	2.969904	0	0	0	0.29120238	11.76	0.864843179	0	0.86484318
45	3	0	2.418	2.886429	0	0	0	0.29307347	11.76	0.845935636	0	0.84593564
45	4	0	2.409	2.962651	0	0	0	0.29359856	11.76	0.869830149	0	0.86983015
45	5	0	2.448	3.049659	0	0	0	0.28192884	11.76	0.859786843	0	0.85978684
45	6	0	2.481	3.471057	0	0	0	0.26903208	11.76	0.933825801	0	0.9338258
45	7	0	2.441	3.692604	0	0	0	0.25129764	11.76	0.927942673	0	0.92794267
45	8	0	2.296	3.909342	0	0	0	0.18930497	11.76	0.740057919	0	0.74005792
45	9	0	2.19	3.622514	0	0	0	0.17771183	11.76	0.643763543	0	0.64376354
45	10	0	1.829	3.260332	0	0	0	0.17328841	11.76	0.56497777	0	0.56497777
45	11	0	1.41	2.752327	0	0	0	0.17712557	11.76	0.487507558	0	0.48750756
45	12	0	1.07	2.364866	0	0	0	0.17839	11.76	0.421868527	0	0.42186853
45	13	0	0.858	2.10318	0	0	0	0.17376823	11.76	0.365465844	0	0.36546584
45	14	0	0.872	2.043062	0	0	0	0.1748314	11.76	0.357191431	0	0.35719143
45	15	0	0.662	1.884726	0	0	0	0.17873388	11.76	0.336864354	0	0.33686435
45	16	0	0.817	2.08044	0	0	0	0.18736515	11.76	0.389801908	0	0.38980191
45	17	0	1.081	2.588949	0	0	0	0.2482257	11.76	0.642643675	0	0.64264368
45	18	0	1.249	3.123423	0	0	0	0.26032909	11.76	0.813117756	0	0.81311776
45	19	0	1.329	3.294834	0	0	0	0.25413596	11.76	0.837335841	0	0.83733584
45	20	0	1.365	3.523975	0	0	0	0.2567631	11.76	0.904826768	0	0.90482677
45	21	0	1.533	3.633969	0	0	0	0.25746678	11.76	0.935626201	0	0.9356262
45	22	0	1.56	3.404728	0	0	0	0.25608798	11.76	0.871910026	0	0.87191003
45	23	0	1.722	3.142	0	0	0	0.26579547	11.76	0.835129359	0	0.83512936
45	24	0	1.895	3.014885	0	0	0	0.27663488	11.76	0.834022264	0	0.83402226
46	1	0	2.085	2.750116	0	0	0	0.28370562	11.76	0.780223249	0	0.78022325
46	2	0	2.133	2.679904	0	0	0	0.29120238	11.76	0.780394499	0	0.7803945
46	3	0	2.192	2.660429	0	0	0	0.29307347	11.76	0.779701012	0	0.77970101
46	4	0	2.057	2.610651	0	0	0	0.29359856	11.76	0.766483456	0	0.76648346
46	5	0	2.094	2.695659	0	0	0	0.28192884	11.76	0.759984006	0	0.75998401
46	6	0	1.99	2.980057	0	0	0	0.26903208	11.76	0.801731066	0	0.80173107
46	7	0	1.9	3.151604	0	0	0	0.25129764	11.76	0.79199062	0	0.79199062
46	8	0	1.884	3.497342	0	0	0	0.18930497	11.76	0.662064283	0	0.66206428
46	9	0	1.799	3.231514	0	0	0	0.17771183	11.76	0.574278212	0	0.57427821
46	10	0	1.512	2.943332	0	0	0	0.17328841	11.76	0.510045318	0	0.51004532
46	11	0	1.378	2.720327	0	0	0	0.17712557	11.76	0.481839528	0	0.48183953
46	12	0	0.671	1.965867	0	0	0	0.17839	11.76	0.350690931	0	0.35069093
46	13	0	0.436	1.68118	0	0	0	0.17376823	11.76	0.292135665	0	0.29213566
46	14	0	0.422	1.593062	0	0	0	0.1748314	11.76	0.278517292	0	0.27851729
46	15	0	0.438	1.660726	0	0	0	0.17873388	11.76	0.296827948	0	0.29682795
46	16	0	0.49	1.75344	0	0	0	0.18736515	11.76	0.328533501	0	0.3285335
46	17	0	0.511	2.018949	0	0	0	0.2482257	11.76	0.501155042	0	0.50115504
46	18	0	0.496	2.370422	0	0	0	0.26032909	11.76	0.617089887	0	0.61708989
46	19	0	0.601	2.566834	0	0	0	0.25413596	11.76	0.65232488	0	0.65232488
46	20	0	0.581	2.739975	0	0	0	0.2567631	11.76	0.703524459	0	0.70352446
46	21	0	0.645	2.745969	0	0	0	0.25746678	11.76	0.706995696	0	0.7069957
46	22	0	0.817	2.661728	0	0	0	0.25608798	11.76	0.681636648	0	0.68163665
46	23	0	1.261	2.681	0	0	0	0.26579547	11.76	0.712597656	0	0.71259766
46	24	0	1.354	2.473885	0	0	0	0.27663488	11.76	0.68436276	0	0.68436276
47	1	0	1.695	2.360116	0	0	0	0.28370562	11.76	0.669578029	0	0.66957803
47	2	0	1.844	2.390904	0	0	0	0.29120238	11.76	0.696237	0	0.696237
47	3	0	1.892	2.360429	0	0	0	0.29307347	11.76	0.691779056	0	0.69177906
47	4	0	2.114	2.667651	0	0	0	0.29359856	11.76	0.783218481	0	0.78321848

47	5	0	1.992	2.593659	0	0	0	0.28192884	11.76	0.731227332	0	0.73122733
47	6	0	2.132	3.122057	0	0	0	0.26903208	11.76	0.839933611	0	0.83993361
47	7	0	2.123	3.374604	0	0	0	0.25129764	11.76	0.848029945	0	0.84802995
47	8	0	2.056	3.669343	0	0	0	0.18930497	11.76	0.69462477	0	0.69462477
47	9	0	2.114	3.546514	0	0	0	0.17771183	11.76	0.630257448	0	0.63025745
47	10	0	2.044	3.475332	0	0	0	0.17328841	11.76	0.602234764	0	0.60223476
47	11	0	1.84	3.182327	0	0	0	0.17712557	11.76	0.563671521	0	0.56367152
47	12	0	1.455	2.749866	0	0	0	0.17839	11.76	0.490548674	0	0.49054867
47	13	0	1.263	2.50818	0	0	0	0.17376823	11.76	0.43584197	0	0.43584197
47	14	0	1.51	2.681062	0	0	0	0.1748314	11.76	0.468733867	0	0.46873387
47	15	0	1.642	2.864726	0	0	0	0.17873388	11.76	0.512023515	0	0.51202352
47	16	0	1.619	2.88244	0	0	0	0.18736515	11.76	0.540068763	0	0.54006876
47	17	0	1.594	3.101949	0	0	0	0.2482257	11.76	0.769983464	0	0.76998346
47	18	0	1.648	3.522423	0	0	0	0.26032909	11.76	0.916989043	0	0.91698904
47	19	0	1.784	3.749834	0	0	0	0.25413596	11.76	0.952967684	0	0.95296768
47	20	0	1.88	4.038975	0	0	0	0.2567631	11.76	1.037059789	0	1.03705979
47	21	0	1.967	4.067968	0	0	0	0.25746678	11.76	1.047366728	0	1.04736673
47	22	0	2.089	3.933728	0	0	0	0.25608798	11.76	1.007380579	0	1.00738058
47	23	0	2.212	3.632	0	0	0	0.26579547	11.76	0.965369206	0	0.96536921
47	24	0	2.33	3.449885	0	0	0	0.27663488	11.76	0.954358421	0	0.95435842
48	1	0	2.39	3.055116	0	0	0	0.28370562	11.76	0.866753481	0	0.86675348
48	2	0	2.512	3.058904	0	0	0	0.29120238	11.76	0.890760257	0	0.89076026
48	3	0	2.507	2.975429	0	0	0	0.29307347	11.76	0.872019171	0	0.87201917
48	4	0	2.412	2.965651	0	0	0	0.29359856	11.76	0.870710951	0	0.87071095
48	5	0	2.362	2.963659	0	0	0	0.28192884	11.76	0.835540972	0	0.83554097
48	6	0	2.339	3.329057	0	0	0	0.26903208	11.76	0.895623257	0	0.89562326
48	7	0	2.266	3.517604	0	0	0	0.25129764	11.76	0.883965539	0	0.88396554
48	8	0	2.18	3.793342	0	0	0	0.18930497	11.76	0.718098509	0	0.71809851
48	9	0	2.138	3.570514	0	0	0	0.17771183	11.76	0.634522519	0	0.63452252
48	10	0	2.123	3.554332	0	0	0	0.17328841	11.76	0.615924547	0	0.61592455
48	11	0	2.013	3.355327	0	0	0	0.17712557	11.76	0.594314261	0	0.59431426
48	12	0	1.782	3.076867	0	0	0	0.17839	11.76	0.548882228	0	0.54888223
48	13	0	1.539	2.78418	0	0	0	0.17376823	11.76	0.483802004	0	0.483802
48	14	0	1.321	2.492062	0	0	0	0.1748314	11.76	0.43569071	0	0.43569071
48	15	0	1.045	2.267726	0	0	0	0.17873388	11.76	0.405319411	0	0.40531941
48	16	0	0.75	2.01344	0	0	0	0.18736515	11.76	0.377248459	0	0.37724846
48	17	0	1.011	2.518949	0	0	0	0.2482257	11.76	0.625267893	0	0.62526789
48	18	0	1.287	3.161422	0	0	0	0.26032909	11.76	0.823010227	0	0.82301023
48	19	0	1.507	3.472834	0	0	0	0.25413596	11.76	0.882572036	0	0.88257204
48	20	0	1.641	3.799975	0	0	0	0.2567631	11.76	0.975693388	0	0.97569339
48	21	0	1.798	3.898969	0	0	0	0.25746678	11.76	1.003854926	0	1.00385493
48	22	0	1.932	3.776728	0	0	0	0.25608798	11.76	0.967174749	0	0.96717475
48	23	0	2.16	3.58	0	0	0	0.26579547	11.76	0.951547829	0	0.95154783
48	24	0	2.35	3.469885	0	0	0	0.27663488	11.76	0.959891113	0	0.95989111
49	1	0	2.605	3.270116	0	0	0	0.28370562	11.76	0.927750164	0	0.92775016
49	2	0	2.581	3.127904	0	0	0	0.29120238	11.76	0.910853223	0	0.91085322
49	3	0	2.608	3.076429	0	0	0	0.29307347	11.76	0.901619612	0	0.90161961
49	4	0	2.703	3.256651	0	0	0	0.29359856	11.76	0.95614803	0	0.95614803
49	5	0	2.711	3.312659	0	0	0	0.28192884	11.76	0.9339342	0	0.9339342
49	6	0	2.708	3.698057	0	0	0	0.26903208	11.76	0.994896083	0	0.99489608
49	7	0	2.755	4.006604	0	0	0	0.25129764	11.76	1.006850164	0	1.00685016
49	8	0	2.615	4.228342	0	0	0	0.18930497	11.76	0.80044616	0	0.80044616
49	9	0	2.475	3.907514	0	0	0	0.17771183	11.76	0.694411429	0	0.69441143
49	10	0	1.824	3.255332	0	0	0	0.17328841	11.76	0.56411135	0	0.56411135
49	11	0	1.194	2.536327	0	0	0	0.17712557	11.76	0.449248421	0	0.44924842
49	12	0	0.713	2.007866	0	0	0	0.17839	11.76	0.358183278	0	0.35818328
49	13	0	0.898	2.14318	0	0	0	0.17376823	11.76	0.372416566	0	0.37241657
49	14	0	0.636	1.807062	0	0	0	0.1748314	11.76	0.315931209	0	0.31593121
49	15	0	0.805	2.027726	0	0	0	0.17873388	11.76	0.362423278	0	0.36242328
49	16	0	0.95	2.21344	0	0	0	0.18736515	11.76	0.414721453	0	0.41472145
49	17	0	1.445	2.952949	0	0	0	0.2482257	11.76	0.732997851	0	0.73299785
49	18	0	1.759	3.633423	0	0	0	0.26032909	11.76	0.945885588	0	0.94588559
49	19	0	1.918	3.883834	0	0	0	0.25413596	11.76	0.98702198	0	0.98702198
49	20	0	2.189	4.347975	0	0	0	0.2567631	11.76	1.11639959	0	1.11639959
49	21	0	2.239	4.339969	0	0	0	0.25746678	11.76	1.117397773	0	1.11739777
49	22	0	2.278	4.122728	0	0	0	0.25608798	11.76	1.05578118	0	1.05578118
49	23	0	2.529	3.949	0	0	0	0.26579547	11.76	1.049626347	0	1.04962635
49	24	0	2.699	3.818885	0	0	0	0.27663488	11.76	1.056436745	0	1.05643674
50	1	0	3.036	3.701116	0	0	0	0.28370562	11.76	1.050027283	0	1.05002728
50	2	0	3.383	3.930904	0	0	0	0.29120238	11.76	1.14468873	0	1.14468873
50	3	0	3.38	3.848429	0	0	0	0.29307347	11.76	1.12787235	0	1.12787235
50	4	0	3.857	4.410651	0	0	0	0.29359856	11.76	1.294960854	0	1.29496085
50	5	0	4.028	4.629659	0	0	0	0.28192884	11.76	1.305234464	0	1.30523446
50	6	0	4.063	5.053057	0	0	0	0.26903208	11.76	1.359434495	0	1.35943449
50	7	0	3.921	5.172604	0	0	0	0.25129764	11.76	1.29986318	0	1.29986318
50	8	0	3.486	5.099342	0	0	0	0.18930497	11.76	0.965330842	0	0.96533084
50	9	0	2.427	3.859514	0	0	0	0.17771183	11.76	0.685881244	0	0.68588124
50	10	0	1.677	3.108332	0	0	0	0.17328841	11.76	0.53863794	0	0.53863794
50	11	0	1.12	2.462327	0	0	0	0.17712557	11.76	0.43614115	0	0.43614115
50	12	0	0.843	2.137866	0	0	0	0.17839	11.76	0.381373998	0	0.381374
50	13	0	0.497	1.74218	0	0	0	0.17376823	11.76	0.302735525	0	0.30273552
50	14	0	0.258	1.429062	0	0	0	0.1748314	11.76	0.249844936	0	0.24984494
50	15	0	0.096	1.318726	0	0	0	0.17873388	11.76	0.23570096	0	0.23570096
50	16	0	0.096	1.35944	0	0	0	0.18736515	11.76	0.254711646	0	0.25471165
50	17	0	0.236	1.743949	0	0	0	0.2482257	11.76	0.432892979	0	0.43289298
50	18	0	0.894	2.768423	0	0	0	0.26032909	11.76	0.720700926	0	0.72070093
50	19	0	1.491	3.456834	0	0	0	0.25413596	11.76	0.878505913	0	0.87850591
50	20	0	1.79	3.948975	0	0	0	0.2567631	11.76	1.013951071	0	1.01395107
50	21	0	2.016	4.116969	0	0	0	0.25746678	11.76	1.059982668	0	1.05998267
50	22	0	2.158	4.002728	0	0	0	0.25608798	11.76	1.025050651	0	1.02505065
50	23	0	2.373	3.793	0	0	0	0.26579547	11.76	1.008162217	0	1.00816222
50	24	0	2.591	3.710885	0	0	0	0.27663488	11.76	1.026560101	0	1.0265601
51	1	0	2.821	3.486116	0	0	0	0.28370562	11.76	0.9890306	0	0.9890306
51	2	0	2.818	3.364904	0	0	0	0.29120238	11.76	0.979868185	0	0.97986818
51	3	0	2.889	3.357429	0	0	0	0.29307347	11.76	0.983973226	0	0.98397323
51	4	0	2.886	3.439651	0	0	0	0.29359856	11.76	1.009876593	0	1.00987659
51	5	0	2.788	3.389659	0	0	0	0.28192884	11.76	0.955642694	0	0.95564269
51	6	0	2.762	3.752058	0	0	0	0.26903208	11.76	1.009423853	0	1.00942385
51	7	0	2.588	3.839604	0	0	0	0.25129764	11.76	0.964883385	0	0.96488338
51	8	0	2.526	4.139342	0	0	0	0.18930497	11.76	0.783598065	0	0.78359807
51	9	0	2.205	3.637514	0	0	0	0.17771183	11.76	0.646429196	0	0.6464292
51	10	0	1.871	3.302332	0	0	0	0.17328841	11.76	0.572255893	0	0.57225589
51	11	0	1.287	2.629328	0	0	0	0.17712557	11.76	0.46572113	0	0.46572113
51	12	0	0.976	2.270866	0	0	0	0.17839	11.76	0.405099849	0	0.40509985
51	13	0	0.767	2.01218	0	0	0	0.17376823	11.76	0.349652922	0	0.34965292
51	14	0	0.32	1.491062	0	0	0	0.1748314	11.76	0.260684489	0	0.26068449
51	15	0	0.246	1.468726	0	0	0	0.17873388	11.76	0.262511037	0	0.26251104
51	16	0	0.096	1.35944	0	0	0	0.18736515	11.76	0.254711646	0	0.25471165
51	17	0	0.307	1.814949	0	0	0	0.2482257	11.76	0.450516999	0	0.450517
51	18	0	0.501	2.375422	0	0	0	0.26032909	11.76	0.618391562	0	0.61839156
51	19	0	0.866	2.831834	0	0	0	0.25413596	11.76	0.719670937	0	0.71967094

51	20	0	1.089	3.247975	0	0	0	0.2567631	11.76	0.833960147	0	0.83396015
51	21	0	1.154	3.254969	0	0	0	0.25746678	11.76	0.838046304	0	0.8380463
51	22	0	1.269	3.113728	0	0	0	0.25608798	11.76	0.79738839	0	0.79738839
51	23	0	1.506	2.926	0	0	0	0.26579547	11.76	0.777717579	0	0.77771758
51	24	0	1.665	2.784885	0	0	0	0.27663488	11.76	0.770396237	0	0.77039624
52	1	0	1.786	2.451116	0	0	0	0.28370562	11.76	0.695395263	0	0.69539526
52	2	0	1.872	2.418904	0	0	0	0.29120238	11.76	0.7043907	0	0.7043907
52	3	0	2.218	2.686429	0	0	0	0.29307347	11.76	0.787320929	0	0.78732093
52	4	0	2.308	2.861651	0	0	0	0.29359856	11.76	0.840176674	0	0.84017667
52	5	0	2.248	2.849659	0	0	0	0.28192884	11.76	0.803401061	0	0.80340106
52	6	0	2.158	3.148057	0	0	0	0.26903208	11.76	0.846928451	0	0.84692845
52	7	0	2.168	3.419604	0	0	0	0.25129764	11.76	0.859338358	0	0.85933836
52	8	0	2.158	3.771342	0	0	0	0.18930497	11.76	0.713933831	0	0.71393383
52	9	0	1.884	3.316514	0	0	0	0.17771183	11.76	0.589383724	0	0.58938372
52	10	0	1.48	2.911332	0	0	0	0.17328841	11.76	0.504500119	0	0.50450012
52	11	0	0.968	2.310328	0	0	0	0.17712557	11.76	0.409218073	0	0.40921807
52	12	0	0.581	1.875866	0	0	0	0.17839	11.76	0.334635804	0	0.3346358
52	13	0	0.64	1.88518	0	0	0	0.17376823	11.76	0.327584382	0	0.32758438
52	14	0	0.893	2.064062	0	0	0	0.1748314	11.76	0.360862874	0	0.36086287
52	15	0	0.989	2.211726	0	0	0	0.17873388	11.76	0.395310314	0	0.39531031
52	16	0	1.073	2.33644	0	0	0	0.18736515	11.76	0.437767393	0	0.43776739
52	17	0	1.198	2.705949	0	0	0	0.2482257	11.76	0.671686108	0	0.67168611
52	18	0	1.277	3.151423	0	0	0	0.26032909	11.76	0.820406939	0	0.82040694
52	19	0	1.311	3.276834	0	0	0	0.25413596	11.76	0.832761483	0	0.83276148
52	20	0	1.326	3.484975	0	0	0	0.2567631	11.76	0.894812998	0	0.894813
52	21	0	1.288	3.388968	0	0	0	0.25746678	11.76	0.872546808	0	0.87254681
52	22	0	1.374	3.218728	0	0	0	0.25608798	11.76	0.824277633	0	0.82427763
52	23	0	1.626	3.046	0	0	0	0.26579547	11.76	0.809613005	0	0.80961301
52	24	0	1.79	2.909885	0	0	0	0.27663488	11.76	0.804975597	0	0.8049756
53	1	0	1.64	2.305116	0	0	0	0.28370562	11.76	0.653974269	0	0.65397427
53	2	0	1.389	1.935904	0	0	0	0.29120238	11.76	0.563739903	0	0.5637399
53	3	0	1.204	1.672429	0	0	0	0.29307347	11.76	0.490144451	0	0.49014445
53	4	0	1.194	1.747651	0	0	0	0.29359856	11.76	0.513107851	0	0.51310785
53	5	0	1.14	1.741659	0	0	0	0.28192884	11.76	0.491023957	0	0.49102396
53	6	0	1.074	2.064058	0	0	0	0.26903208	11.76	0.555297709	0	0.55529771
53	7	0	1.232	2.483604	0	0	0	0.25129764	11.76	0.624123803	0	0.6241238
53	8	0	1.145	2.758342	0	0	0	0.18930497	11.76	0.522167896	0	0.5221679
53	9	0	1.179	2.611514	0	0	0	0.17771183	11.76	0.464096857	0	0.46409686
53	10	0	0.754	2.185332	0	0	0	0.17328841	11.76	0.37869272	0	0.37869272
53	11	0	0.638	1.980327	0	0	0	0.17712557	11.76	0.350766607	0	0.35076661
53	12	0	0.433	1.727867	0	0	0	0.17839	11.76	0.308234105	0	0.30823411
53	13	0	0.566	1.81118	0	0	0	0.17376823	11.76	0.314725513	0	0.31472551
53	14	0	0.164	1.335062	0	0	0	0.1748314	11.76	0.233410787	0	0.23341079
53	15	0	0.228	1.450726	0	0	0	0.17873388	11.76	0.259293848	0	0.25929385
53	16	0	0.198	1.46144	0	0	0	0.18736515	11.76	0.27382289	0	0.27382289
53	17	0	0.353	1.860949	0	0	0	0.2482257	11.76	0.461935382	0	0.46193538
53	18	0	0.461	2.335423	0	0	0	0.26032909	11.76	0.607978409	0	0.60797841
53	19	0	0.501	2.466834	0	0	0	0.25413596	11.76	0.626911308	0	0.62691131
53	20	0	0.499	2.657975	0	0	0	0.2567631	11.76	0.682469942	0	0.68246994
53	21	0	0.536	2.636969	0	0	0	0.25746678	11.76	0.678931825	0	0.67893182
53	22	0	0.614	2.458728	0	0	0	0.25608798	11.76	0.62965077	0	0.62965077
53	23	0	0.83	2.25	0	0	0	0.26579547	11.76	0.59803981	0	0.59803981
53	24	0	1.04	2.159885	0	0	0	0.27663488	11.76	0.597499438	0	0.59749944
54	1	0	1.234	1.899116	0	0	0	0.28370562	11.76	0.53878975	0	0.53878975
54	2	0	1.274	1.820904	0	0	0	0.29120238	11.76	0.530251626	0	0.53025163
54	3	0	1.418	1.886429	0	0	0	0.29307347	11.76	0.552862204	0	0.5528622
54	4	0	1.455	2.008651	0	0	0	0.29359856	11.76	0.589737122	0	0.58973712
54	5	0	1.574	2.175659	0	0	0	0.28192884	11.76	0.61338108	0	0.61338108
54	6	0	1.41	2.400058	0	0	0	0.26903208	11.76	0.64569248	0	0.64569248
54	7	0	1.151	2.402604	0	0	0	0.25129764	11.76	0.603768732	0	0.60376873
54	8	0	0.927	2.540342	0	0	0	0.18930497	11.76	0.480899425	0	0.48089942
54	9	0	0.702	2.134514	0	0	0	0.17771183	11.76	0.379328316	0	0.37932832
54	10	0	0.554	1.985332	0	0	0	0.17328841	11.76	0.34403503	0	0.34403503
54	11	0	0.511	1.853327	0	0	0	0.17712557	11.76	0.328271665	0	0.32827166
54	12	0	0.456	1.750867	0	0	0	0.17839	11.76	0.312337075	0	0.31233708
54	13	0	0.382	1.62718	0	0	0	0.17376823	11.76	0.282752177	0	0.28275218
54	14	0	0.317	1.488062	0	0	0	0.1748314	11.76	0.260159991	0	0.26015999
54	15	0	0.262	1.484726	0	0	0	0.17873388	11.76	0.265370785	0	0.26537079
54	16	0	0.28	1.54344	0	0	0	0.18736515	11.76	0.289186836	0	0.28918684
54	17	0	0.29	1.797949	0	0	0	0.2482257	11.76	0.446297172	0	0.44629717
54	18	0	0.274	2.148422	0	0	0	0.26032909	11.76	0.55929686	0	0.55929686
54	19	0	0.268	2.233834	0	0	0	0.25413596	11.76	0.567697619	0	0.56769762
54	20	0	0.261	2.419975	0	0	0	0.2567631	11.76	0.621360286	0	0.62136029
54	21	0	0.237	2.337969	0	0	0	0.25746678	11.76	0.60194925	0	0.60194925
54	22	0	0.234	2.078728	0	0	0	0.25608798	11.76	0.532337369	0	0.53233737
54	23	0	0.357	1.777	0	0	0	0.26579547	11.76	0.472318539	0	0.47231854
54	24	0	0.426	1.545885	0	0	0	0.27663488	11.76	0.4276456	0	0.4276456
55	1	0	0.427	1.092116	0	0	0	0.28370562	11.76	0.30983934	0	0.30983934
55	2	0	0.474	1.020904	0	0	0	0.29120238	11.76	0.297289732	0	0.29728973
55	3	0	0.472	0.939429	0	0	0	0.29307347	11.76	0.275321623	0	0.27532162
55	4	0	0.414	0.966651	0	0	0	0.29359856	11.76	0.283807368	0	0.28380737
55	5	0	0.388	0.988659	0	0	0	0.28192884	11.76	0.27873153	0	0.27873153
55	6	0	0.351	1.341058	0	0	0	0.26903208	11.76	0.360787501	0	0.3607875
55	7	0	0.297	1.548604	0	0	0	0.25129764	11.76	0.389160528	0	0.38916053
55	8	0	0.271	1.884342	0	0	0	0.18930497	11.76	0.356715385	0	0.35671538
55	9	0	0.233	1.665514	0	0	0	0.17771183	11.76	0.295981472	0	0.29598147
55	10	0	0.119	1.550332	0	0	0	0.17328841	11.76	0.268654581	0	0.26865458
55	11	0	0.112	1.454327	0	0	0	0.17712557	11.76	0.257598576	0	0.25759858
55	12	0	0	1.340866	0	0	0	0.17839	11.76	0.239197161	0	0.23919716
55	13	0	0	1.29118	0	0	0	0.17376823	11.76	0.224366039	0	0.22436604
55	14	0	0	1.217062	0	0	0	0.1748314	11.76	0.212780676	0	0.21278068
55	15	0	0	1.267726	0	0	0	0.17873388	11.76	0.226585532	0	0.22658553
55	16	0	0	1.30844	0	0	0	0.18736515	11.76	0.245156001	0	0.245156
55	17	0	0	1.552949	0	0	0	0.2482257	11.76	0.385481874	0	0.38548187
55	18	0	0	1.919422	0	0	0	0.26032909	11.76	0.499681476	0	0.49968148
55	19	0	0	2.010834	0	0	0	0.25413596	11.76	0.511025287	0	0.51102529
55	20	0	0	2.203975	0	0	0	0.2567631	11.76	0.565899436	0	0.56589944
55	21	0	0	2.145969	0	0	0	0.25746678	11.76	0.552515651	0	0.55251565
55	22	0	0.194	2.038728	0	0	0	0.25608798	11.76	0.522093859	0	0.52209386
55	23	0	0.293	1.713	0	0	0	0.26579547	11.76	0.455307657	0	0.45530766
55	24	0	0.427	1.546885	0	0	0	0.27663488	11.76	0.427922248	0	0.42792225
56	1	0	0.534	1.199116	0	0	0	0.28370562	11.76	0.340195839	0	0.34019584
56	2	0	0.593	1.139904	0	0	0	0.29120238	11.76	0.331942838	0	0.33194284
56	3	0	0.579	1.046429	0	0	0	0.29307347	11.76	0.306680482	0	0.30668048
56	4	0	0.593	1.145651	0	0	0	0.29359856	11.76	0.336361517	0	0.33636152
56	5	0	0.615	1.215659	0	0	0	0.28192884	11.76	0.342729378	0	0.34272938
56	6	0	0.533	1.523058	0	0	0	0.26903208	11.76	0.409751351	0	0.40975135
56	7	0	0.506	1.757604	0	0	0	0.25129764	11.76	0.441681701	0	0.4416817
56	8	0	0.452	2.065342	0	0	0	0.18930497	11.76	0.390979583	0	0.39097958
56	9	0	0.264	1.696514	0	0	0	0.17771183	11.76	0.301490542	0	0.30149054
56	10	0	0.222	1.653332	0	0	0	0.17328841	11.76	0.286503274	0	0.28650327

56	11	0	0	1.388327	0	0	0	0.17712557	11.76	0.24590827	0	0.24590827
56	12	0	0	1.339866	0	0	0	0.17839	11.76	0.239018763	0	0.23901876
56	13	0	0	1.29018	0	0	0	0.17376823	11.76	0.224192263	0	0.22419226
56	14	0	0	1.216062	0	0	0	0.1748314	11.76	0.212605857	0	0.21260586
56	15	0	0	1.267726	0	0	0	0.17873388	11.76	0.226585532	0	0.22658553
56	16	0	0	1.30844	0	0	0	0.18736515	11.76	0.245156001	0	0.245156
56	17	0	0	1.552949	0	0	0	0.2482257	11.76	0.385481874	0	0.38548187
56	18	0	0	1.919422	0	0	0	0.26032909	11.76	0.499681476	0	0.49968148
56	19	0	0	2.010834	0	0	0	0.25413596	11.76	0.511025287	0	0.51102529
56	20	0	0	2.203975	0	0	0	0.2567631	11.76	0.565899436	0	0.56589944
56	21	0	0	2.145969	0	0	0	0.25746678	11.76	0.552515651	0	0.55251565
56	22	0	0.22	2.064728	0	0	0	0.25608798	11.76	0.528752153	0	0.52875215
56	23	0	0.419	1.839	0	0	0	0.26579547	11.76	0.488797867	0	0.48879787
56	24	0	0.569	1.688885	0	0	0	0.27663488	11.76	0.467204423	0	0.46720442
57	1	0	0.607	1.272116	0	0	0	0.28370562	11.76	0.360906336	0	0.36090634
57	2	0	0.83	1.376904	0	0	0	0.29120238	11.76	0.4009578	0	0.4009578
57	3	0	0.843	1.310429	0	0	0	0.29307347	11.76	0.384051859	0	0.38405186
57	4	0	0.864	1.416651	0	0	0	0.29359856	11.76	0.415926735	0	0.41592674
57	5	0	0.863	1.463659	0	0	0	0.28192884	11.76	0.412647738	0	0.41264774
57	6	0	0.857	1.847058	0	0	0	0.26903208	11.76	0.496917746	0	0.49691775
57	7	0	0.692	1.943604	0	0	0	0.25129764	11.76	0.488423089	0	0.48842309
57	8	0	0.826	2.439342	0	0	0	0.18930497	11.76	0.461779655	0	0.46177965
57	9	0	0.689	2.121514	0	0	0	0.17771183	11.76	0.37701806	0	0.37701806
57	10	0	0.415	1.846332	0	0	0	0.17328841	11.76	0.319947951	0	0.31994795
57	11	0	0	1.388327	0	0	0	0.17712557	11.76	0.24590827	0	0.24590827
57	12	0	0	1.340866	0	0	0	0.17839	11.76	0.239197161	0	0.23919716
57	13	0	0	1.29018	0	0	0	0.17376823	11.76	0.224192263	0	0.22419226
57	14	0	0	1.216062	0	0	0	0.1748314	11.76	0.212605857	0	0.21260586
57	15	0	0	1.267726	0	0	0	0.17873388	11.76	0.226585532	0	0.22658553
57	16	0	0	1.30744	0	0	0	0.18736515	11.76	0.24496865	0	0.24496865
57	17	0	0	1.550949	0	0	0	0.2482257	11.76	0.384985429	0	0.38498543
57	18	0	0	1.917422	0	0	0	0.26032909	11.76	0.499160824	0	0.49916082
57	19	0	0	2.008834	0	0	0	0.25413596	11.76	0.510516991	0	0.51051699
57	20	0	0.096	2.252975	0	0	0	0.2567631	11.76	0.578480834	0	0.57848083
57	21	0	0.096	2.194969	0	0	0	0.25746678	11.76	0.565131529	0	0.56513153
57	22	0	0.096	1.939728	0	0	0	0.25608798	11.76	0.496741125	0	0.49674112
57	23	0	0.259	1.678	0	0	0	0.26579547	11.76	0.446004793	0	0.44600479
57	24	0	0.521	1.640885	0	0	0	0.27663488	11.76	0.453925922	0	0.45392592
58	1	0	0.493	1.158116	0	0	0	0.28370562	11.76	0.328563907	0	0.32856391
58	2	0	0.764	1.310904	0	0	0	0.29120238	11.76	0.381738447	0	0.38173845
58	3	0	0.76	1.227429	0	0	0	0.29307347	11.76	0.359726778	0	0.35972678
58	4	0	0.466	1.018651	0	0	0	0.29359856	11.76	0.299074507	0	0.29907451
58	5	0	1.107	1.707659	0	0	0	0.28192884	11.76	0.481438365	0	0.48143836
58	6	0	1.216	2.206058	0	0	0	0.26903208	11.76	0.593500254	0	0.59350025
58	7	0	1.029	2.280604	0	0	0	0.25129764	11.76	0.573110366	0	0.57311037
58	8	0	0.902	2.515342	0	0	0	0.18930497	11.76	0.476166828	0	0.47616683
58	9	0	0.476	1.908514	0	0	0	0.17771183	11.76	0.339165451	0	0.33916545
58	10	0	0	1.477332	0	0	0	0.17328841	11.76	0.256004514	0	0.25600451
58	11	0	0	1.388327	0	0	0	0.17712557	11.76	0.24590827	0	0.24590827
58	12	0	0	1.339866	0	0	0	0.17839	11.76	0.239018763	0	0.23901876
58	13	0	0	1.28918	0	0	0	0.17376823	11.76	0.224018507	0	0.22401851
58	14	0	0	1.214062	0	0	0	0.1748314	11.76	0.212256178	0	0.21225618
58	15	0	0	1.263726	0	0	0	0.17873388	11.76	0.225870606	0	0.22587061
58	16	0	0	1.25744	0	0	0	0.18736515	11.76	0.235600401	0	0.2356004
58	17	0	0	1.501949	0	0	0	0.2482257	11.76	0.372822363	0	0.37282236
58	18	0	0	1.868423	0	0	0	0.26032909	11.76	0.486404724	0	0.48640472
58	19	0	0	1.959834	0	0	0	0.25413596	11.76	0.498064384	0	0.49806438
58	20	0	0	2.198975	0	0	0	0.2567631	11.76	0.564615652	0	0.56461565
58	21	0	0	2.140969	0	0	0	0.25746678	11.76	0.551228287	0	0.55122829
58	22	0	0	1.885728	0	0	0	0.25608798	11.76	0.482912369	0	0.48291237
58	23	0	0	1.461	0	0	0	0.26579547	11.76	0.388327174	0	0.38832717
58	24	0	0	1.161885	0	0	0	0.27663488	11.76	0.321417823	0	0.32141782
59	1	0	0	0.708116	0	0	0	0.28370562	11.76	0.200896383	0	0.20089638
59	2	0	0	0.590904	0	0	0	0.29120238	11.76	0.172072722	0	0.17207272
59	3	0	0	0.511429	0	0	0	0.29307347	11.76	0.149886169	0	0.14988617
59	4	0	0	0.597651	0	0	0	0.29359856	11.76	0.175469511	0	0.17546951
59	5	0	0	0.645659	0	0	0	0.28192884	11.76	0.182029938	0	0.18202994
59	6	0	0	1.036058	0	0	0	0.26903208	11.76	0.27873273	0	0.27873273
59	7	0	0.148	1.399604	0	0	0	0.25129764	11.76	0.351717168	0	0.35171717
59	8	0	0.269	1.882342	0	0	0	0.18930497	11.76	0.356336757	0	0.35633676
59	9	0	0.301	1.733514	0	0	0	0.17771183	11.76	0.308065869	0	0.30806587
59	10	0	0.287	1.718332	0	0	0	0.17328841	11.76	0.297767031	0	0.29776703
59	11	0	0.156	1.498327	0	0	0	0.17712557	11.76	0.265392085	0	0.26539209
59	12	0	0	1.340866	0	0	0	0.17839	11.76	0.239197161	0	0.23919716
59	13	0	0	1.29018	0	0	0	0.17376823	11.76	0.224192263	0	0.22419226
59	14	0	0	1.216062	0	0	0	0.1748314	11.76	0.212605857	0	0.21260586
59	15	0	0	1.266726	0	0	0	0.17873388	11.76	0.226406811	0	0.22640681
59	16	0	0	1.30744	0	0	0	0.18736515	11.76	0.24496865	0	0.24496865
59	17	0	0	1.551949	0	0	0	0.2482257	11.76	0.385233637	0	0.38523364
59	18	0	0	1.917422	0	0	0	0.26032909	11.76	0.499160824	0	0.49916082
59	19	0	0	2.009834	0	0	0	0.25413596	11.76	0.51077117	0	0.51077117
59	20	0	0.096	2.252975	0	0	0	0.2567631	11.76	0.578480834	0	0.57848083
59	21	0	0.096	2.194969	0	0	0	0.25746678	11.76	0.565131529	0	0.56513153
59	22	0	0.096	1.939728	0	0	0	0.25608798	11.76	0.496741125	0	0.49674112
59	23	0	0.411	1.831	0	0	0	0.26579547	11.76	0.486671531	0	0.48667153
59	24	0	0.885	2.004885	0	0	0	0.27663488	11.76	0.55462104	0	0.55462104
60	1	0	1.33	1.993116	0	0	0	0.24242321	11.76	0.483177469	0	0.48317747
60	2	0	1.632	2.177904	0	0	0	0.23544898	11.76	0.512785313	0	0.51278531
60	3	0	1.922	2.390429	0	0	0	0.23009751	11.76	0.550031649	0	0.55003165
60	4	0	2.118	2.671651	0	0	0	0.23215137	11.76	0.620227469	0	0.62022747
60	5	0	2.312	2.913659	0	0	0	0.22187289	11.76	0.646461966	0	0.64646197
60	6	0	2.292	3.280058	0	0	0	0.2003656	11.76	0.657210736	0	0.65721074
60	7	0	2.367	3.613604	0	0	0	0.18383471	11.76	0.664305825	0	0.66430583
60	8	0	1.871	3.471343	0	0	0	0.13163133	11.76	0.456937424	0	0.45693742
60	9	0	1.08	2.501514	0	0	0	0.12057448	11.76	0.301618722	0	0.30161872
60	10	0	0.148	1.568332	0	0	0	0.11258066	11.76	0.176563844	0	0.17656384
60	11	0	0.096	1.427327	0	0	0	0.11779017	11.76	0.16812513	0	0.16812513
60	12	0	0.096	1.379866	0	0	0	0.11259963	11.76	0.155372458	0	0.15537246
60	13	0	0	1.28118	0	0	0	0.11377389	11.76	0.145764821	0	0.14576482
60	14	0	0	1.207062	0	0	0	0.11909056	11.76	0.143749701	0	0.1437497
60	15	0	0	1.258726	0	0	0	0.11765011	11.76	0.148089231	0	0.14808923
60	16	0	0	1.29844	0	0	0	0.13651826	11.76	0.177260739	0	0.17726074
60	17	0	0	1.494949	0	0	0	0.19114131	11.76	0.285746528	0	0.28574653
60	18	0	0.096	1.955422	0	0	0	0.20094895	11.76	0.392940085	0	0.39294008
60	19	0	0.096	2.045834	0	0	0	0.19050741	11.76	0.389746597	0	0.3897466
60	20	0	0.096	2.238975	0	0	0	0.19401544	11.76	0.434395732	0	0.43439573
60	21	0	0.096	2.182969	0	0	0	0.20020658	11.76	0.437044679	0	0.43704468
60	22	0	0.096	1.928728	0	0	0	0.20319058	11.76	0.391899452	0	0.39189945
60	23	0	0.096	1.506	0	0	0	0.22040071	11.76	0.331923473	0	0.33192347
60	24	0	0.096	1.207885	0	0	0	0.23067834	11.76	0.278632831	0	0.27863283
61	1	0	0.778	1.440116	0	0	0	0.24242321	11.76	0.34911744	0	0.34911744

61	2	0	1.272	1.817904	0	0	0	0.23544898	11.76	0.428023703	0	0.4280237
61	3	0	1.661	2.128429	0	0	0	0.23009751	11.76	0.489746138	0	0.48974614
61	4	0	1.771	2.324651	0	0	0	0.23215137	11.76	0.539670971	0	0.53967097
61	5	0	2.044	2.645659	0	0	0	0.22187289	11.76	0.587000003	0	0.587
61	6	0	2.174	3.162058	0	0	0	0.2003656	11.76	0.633567589	0	0.63356759
61	7	0	2.166	3.412604	0	0	0	0.18383471	11.76	0.627355052	0	0.62735505
61	8	0	1.579	3.179342	0	0	0	0.13163133	11.76	0.418501038	0	0.41850104
61	9	0	0.646	2.067514	0	0	0	0.12057448	11.76	0.249289395	0	0.24928939
61	10	0	0.096	1.516332	0	0	0	0.11258066	11.76	0.170709658	0	0.17070966
61	11	0	0.096	1.427327	0	0	0	0.11779017	11.76	0.16812513	0	0.16812513
61	12	0	0	1.329866	0	0	0	0.11259963	11.76	0.149742468	0	0.14974247
61	13	0	0	1.28018	0	0	0	0.11377389	11.76	0.145651042	0	0.14565104
61	14	0	0	1.206062	0	0	0	0.11909056	11.76	0.143630619	0	0.14363062
61	15	0	0	1.257726	0	0	0	0.11765011	11.76	0.147971575	0	0.14797157
61	16	0	0	1.25144	0	0	0	0.13651826	11.76	0.17084439	0	0.17084439
61	17	0	0	1.494949	0	0	0	0.19114131	11.76	0.285746528	0	0.28574653
61	18	0	0	1.859422	0	0	0	0.20094895	11.76	0.373648994	0	0.37364899
61	19	0	0	1.995834	0	0	0	0.19050741	11.76	0.380221213	0	0.38022121
61	20	0	0.096	2.237975	0	0	0	0.19401544	11.76	0.43420173	0	0.43420173
61	21	0	0.096	2.181969	0	0	0	0.20020658	11.76	0.436844487	0	0.43684449
61	22	0	0.096	1.927728	0	0	0	0.20319058	11.76	0.391696252	0	0.39169625
61	23	0	0.096	1.505	0	0	0	0.22040071	11.76	0.331703062	0	0.33170306
61	24	0	0.096	1.206885	0	0	0	0.23067834	11.76	0.278402169	0	0.27840217
62	1	0	0.096	0.757116	0	0	0	0.24242321	11.76	0.183542395	0	0.18354239
62	2	0	0.227	0.771904	0	0	0	0.23544898	11.76	0.181744066	0	0.18174407
62	3	0	0.61	1.077429	0	0	0	0.23009751	11.76	0.247913658	0	0.24791366
62	4	0	0.745	1.297651	0	0	0	0.23215137	11.76	0.30125147	0	0.30125147
62	5	0	0.872	1.472659	0	0	0	0.22187289	11.76	0.326743134	0	0.32674313
62	6	0	0.963	1.951058	0	0	0	0.2003656	11.76	0.390924825	0	0.39092483
62	7	0	1.118	2.364604	0	0	0	0.18383471	11.76	0.434696298	0	0.4346963
62	8	0	1.285	2.884342	0	0	0	0.13163133	11.76	0.379669819	0	0.37966982
62	9	0	1.271	2.692513	0	0	0	0.12057448	11.76	0.324648418	0	0.32464842
62	10	0	1.136	2.556332	0	0	0	0.11258066	11.76	0.287793524	0	0.28779352
62	11	0	1.067	2.398327	0	0	0	0.11779017	11.76	0.282499375	0	0.28249937
62	12	0	1.011	2.295866	0	0	0	0.11259963	11.76	0.258513722	0	0.25851372
62	13	0	0.864	2.10118	0	0	0	0.11377389	11.76	0.23905943	0	0.23905943
62	14	0	0.699	1.863062	0	0	0	0.11909056	11.76	0.221873108	0	0.22187311
62	15	0	0.649	1.865726	0	0	0	0.11765011	11.76	0.219502849	0	0.21950285
62	16	0	0.531	1.78844	0	0	0	0.13651826	11.76	0.24415469	0	0.24415469
62	17	0	0.523	2.023949	0	0	0	0.19114131	11.76	0.386860289	0	0.38686029
62	18	0	0.528	2.394423	0	0	0	0.20094895	11.76	0.481156701	0	0.4811567
62	19	0	0.584	2.539834	0	0	0	0.19050741	11.76	0.48385725	0	0.48385725
62	20	0	0.597	2.744975	0	0	0	0.19401544	11.76	0.532567553	0	0.53256755
62	21	0	0.595	2.685969	0	0	0	0.20020658	11.76	0.537748592	0	0.53774859
62	22	0	0.676	2.511728	0	0	0	0.20319058	11.76	0.510359524	0	0.51035952
62	23	0	0.86	2.272	0	0	0	0.22040071	11.76	0.500750422	0	0.50075042
62	24	0	1.036	2.148885	0	0	0	0.23067834	11.76	0.495701173	0	0.49570117
63	1	0	1.359	2.022116	0	0	0	0.24242321	11.76	0.490207781	0	0.49020778
63	2	0	1.453	1.998904	0	0	0	0.23544898	11.76	0.470639968	0	0.47063997
63	3	0	1.544	2.012429	0	0	0	0.23009751	11.76	0.463054787	0	0.46305479
63	4	0	1.6	2.153651	0	0	0	0.23215137	11.76	0.499973086	0	0.49997309
63	5	0	1.602	2.203659	0	0	0	0.22187289	11.76	0.488932205	0	0.4889322
63	6	0	1.496	2.484058	0	0	0	0.2003656	11.76	0.497719715	0	0.49771971
63	7	0	1.474	2.720604	0	0	0	0.18383471	11.76	0.500141447	0	0.50014145
63	8	0	1.108	2.707342	0	0	0	0.13163133	11.76	0.356371068	0	0.35637107
63	9	0	0.454	1.875514	0	0	0	0.12057448	11.76	0.226139076	0	0.22613908
63	10	0	0.096	1.516332	0	0	0	0.11258066	11.76	0.170709658	0	0.17070966
63	11	0	0.096	1.427327	0	0	0	0.11779017	11.76	0.16812513	0	0.16812513
63	12	0	0	1.329866	0	0	0	0.11259963	11.76	0.149742468	0	0.14974247
63	13	0	0	1.28218	0	0	0	0.11377389	11.76	0.1458786	0	0.1458786
63	14	0	0	1.208062	0	0	0	0.11909056	11.76	0.143868797	0	0.1438688
63	15	0	0	1.260726	0	0	0	0.11765011	11.76	0.148324528	0	0.14832453
63	16	0	0.096	1.35244	0	0	0	0.13651826	11.76	0.184632728	0	0.18463273
63	17	0	0.096	1.595949	0	0	0	0.19114131	11.76	0.305051791	0	0.30505179
63	18	0	0.507	2.372422	0	0	0	0.20094895	11.76	0.476735809	0	0.47673581
63	19	0	0.767	2.722834	0	0	0	0.19050741	11.76	0.518720123	0	0.51872012
63	20	0	1.07	3.217975	0	0	0	0.19401544	11.76	0.624336866	0	0.62433687
63	21	0	1.152	3.242969	0	0	0	0.20020658	11.76	0.649263641	0	0.64926364
63	22	0	1.432	3.267728	0	0	0	0.20319058	11.76	0.66397161	0	0.66397161
63	23	0	1.67	3.082	0	0	0	0.22040071	11.76	0.679274981	0	0.67927498
63	24	0	1.758	2.870885	0	0	0	0.23067834	11.76	0.662250908	0	0.66225091
64	1	0	1.942	2.605116	0	0	0	0.24242321	11.76	0.631540499	0	0.6315405
64	2	0	2.011	2.556904	0	0	0	0.23544898	11.76	0.602020465	0	0.60202047
64	3	0	2.145	2.613429	0	0	0	0.23009751	11.76	0.601343405	0	0.6013434
64	4	0	2.166	2.719651	0	0	0	0.23215137	11.76	0.631370758	0	0.63137076
64	5	0	2.149	2.750659	0	0	0	0.22187289	11.76	0.610296714	0	0.61029671
64	6	0	2.087	3.075058	0	0	0	0.2003656	11.76	0.616135755	0	0.61613575
64	7	0	2.067	3.313604	0	0	0	0.18383471	11.76	0.60915542	0	0.60915542
64	8	0	2.016	3.616343	0	0	0	0.13163133	11.76	0.476023964	0	0.47602396
64	9	0	1.874	3.295514	0	0	0	0.12057448	11.76	0.39735485	0	0.39735485
64	10	0	1.714	3.134332	0	0	0	0.11258066	11.76	0.352865153	0	0.35286515
64	11	0	1.498	2.829327	0	0	0	0.11779017	11.76	0.333266935	0	0.33326694
64	12	0	1.335	2.619866	0	0	0	0.11259963	11.76	0.294995989	0	0.29499599
64	13	0	1.138	2.37518	0	0	0	0.11377389	11.76	0.270233468	0	0.27023347
64	14	0	1.034	2.198062	0	0	0	0.11909056	11.76	0.261768449	0	0.26176845
64	15	0	0.978	2.194726	0	0	0	0.11765011	11.76	0.258209737	0	0.25820974
64	16	0	0.899	2.15644	0	0	0	0.13651826	11.76	0.294393415	0	0.29439342
64	17	0	1.03	2.530949	0	0	0	0.19114131	11.76	0.483768927	0	0.48376893
64	18	0	1.042	2.908422	0	0	0	0.20094895	11.76	0.584444451	0	0.58444445
64	19	0	1.074	3.029834	0	0	0	0.19050741	11.76	0.577205883	0	0.57720588
64	20	0	1.067	3.214975	0	0	0	0.19401544	11.76	0.623754816	0	0.62375482
64	21	0	1.096	3.186969	0	0	0	0.20020658	11.76	0.638052074	0	0.63805207
64	22	0	1.181	3.016728	0	0	0	0.20319058	11.76	0.61297079	0	0.61297079
64	23	0	1.325	2.737	0	0	0	0.22040071	11.76	0.603236731	0	0.60323673
64	24	0	1.345	2.457885	0	0	0	0.23067834	11.76	0.566980784	0	0.56698078
65	1	0	1.431	2.094116	0	0	0	0.24242321	11.76	0.507662259	0	0.50766226
65	2	0	1.499	2.044904	0	0	0	0.23544898	11.76	0.481470622	0	0.48147062
65	3	0	1.393	1.861428	0	0	0	0.23009751	11.76	0.428310058	0	0.42831006
65	4	0	1.406	1.959651	0	0	0	0.23215137	11.76	0.454935691	0	0.45493569
65	5	0	1.389	1.990659	0	0	0	0.22187289	11.76	0.441673319	0	0.44167332
65	6	0	1.292	2.280058	0	0	0	0.2003656	11.76	0.456845132	0	0.45684513
65	7	0	1.323	2.569604	0	0	0	0.18383471	11.76	0.472382401	0	0.4723824
65	8	0	1.108	2.707342	0	0	0	0.13163133	11.76	0.356371068	0	0.35637107
65	9	0	0.844	2.265514	0	0	0	0.12057448	11.76	0.273163137	0	0.27316314
65	10	0	0.394	1.814332	0	0	0	0.11258066	11.76	0.204258691	0	0.20425869
65	11	0	0.096	1.427327	0	0	0	0.11779017	11.76	0.16812513	0	0.16812513
65	12	0	0.096	1.380866	0	0	0	0.11259963	11.76	0.155485049	0	0.15548505
65	13	0	0.096	1.33218	0	0	0	0.11377389	11.76	0.15156729	0	0.15156729
65	14	0	0	1.209062	0	0	0	0.11909056	11.76	0.143987879	0	0.14398788
65	15	0	0	1.260726	0	0	0	0.11765011	11.76	0.148324528	0	0.14832453
65	16	0	0	1.30244	0	0	0	0.13651826	11.76	0.177806822	0	0.17780682

65	17	0	0	1.545949	0	0	0	0.19114131	11.76	0.295494735	0	0.29549473
65	18	0	0.096	1.960423	0	0	0	0.20094895	11.76	0.393944852	0	0.39394485
65	19	0	0.096	2.050834	0	0	0	0.19050741	11.76	0.39069911	0	0.39069911
65	20	0	0.096	2.242975	0	0	0	0.19401544	11.76	0.435171783	0	0.43517178
65	21	0	0.235	2.325969	0	0	0	0.20020658	11.76	0.465674197	0	0.4656742
65	22	0	0.41	2.245728	0	0	0	0.20319058	11.76	0.456310872	0	0.45631087
65	23	0	0.667	2.079	0	0	0	0.22040071	11.76	0.458213068	0	0.45821307
65	24	0	0.883	1.995885	0	0	0	0.23067834	11.76	0.46040736	0	0.46040736
66	1	0	1.04	1.703116	0	0	0	0.24242321	11.76	0.412874747	0	0.41287475
66	2	0	1.227	1.772904	0	0	0	0.23544898	11.76	0.417428481	0	0.41742848
66	3	0	1.277	1.744429	0	0	0	0.23009751	11.76	0.401388708	0	0.40138871
66	4	0	1.264	1.817651	0	0	0	0.23215137	11.76	0.421970178	0	0.42197018
66	5	0	1.278	1.879659	0	0	0	0.22187289	11.76	0.417045415	0	0.41704541
66	6	0	1.319	2.307058	0	0	0	0.2003656	11.76	0.462254993	0	0.46225499
66	7	0	1.117	2.363604	0	0	0	0.18383471	11.76	0.434512433	0	0.43451243
66	8	0	1.126	2.725342	0	0	0	0.13163133	11.76	0.358740417	0	0.35874042
66	9	0	0.767	2.188514	0	0	0	0.12057448	11.76	0.263878885	0	0.26387888
66	10	0	0.779	2.199332	0	0	0	0.11258066	11.76	0.247602244	0	0.24760224
66	11	0	0.634	1.965327	0	0	0	0.11779017	11.76	0.231496237	0	0.23149624
66	12	0	0.402	1.686866	0	0	0	0.11259963	11.76	0.189940536	0	0.18994054
66	13	0	0.406	1.64318	0	0	0	0.11377389	11.76	0.186950968	0	0.18695097
66	14	0	0.248	1.412062	0	0	0	0.11909056	11.76	0.16816327	0	0.16816327
66	15	0	0.188	1.404726	0	0	0	0.11765011	11.76	0.165266151	0	0.16526615
66	16	0	0.202	1.45944	0	0	0	0.13651826	11.76	0.199240182	0	0.19924018
66	17	0	0.261	1.761949	0	0	0	0.19114131	11.76	0.33678125	0	0.33678125
66	18	0	0.357	2.222423	0	0	0	0.20094895	11.76	0.446593495	0	0.4465935
66	19	0	0.392	2.347834	0	0	0	0.19050741	11.76	0.447279844	0	0.44727984
66	20	0	0.446	2.593975	0	0	0	0.19401544	11.76	0.503271217	0	0.50327122
66	21	0	0.512	2.602969	0	0	0	0.20020658	11.76	0.521131457	0	0.52113146
66	22	0	0.572	2.407728	0	0	0	0.20319058	11.76	0.489227734	0	0.48922773
66	23	0	0.625	2.037	0	0	0	0.22040071	11.76	0.448956226	0	0.44895623
66	24	0	0.728	1.840885	0	0	0	0.23067834	11.76	0.424652224	0	0.42465222
67	1	0	0.849	1.512116	0	0	0	0.24242321	11.76	0.366571917	0	0.36657192
67	2	0	0.887	1.432904	0	0	0	0.23544898	11.76	0.337375847	0	0.33737585
67	3	0	0.858	1.325429	0	0	0	0.23009751	11.76	0.304977846	0	0.30497785
67	4	0	0.864	1.416651	0	0	0	0.23215137	11.76	0.328877501	0	0.3288775
67	5	0	0.72	1.320659	0	0	0	0.22187289	11.76	0.293018465	0	0.29301847
67	6	0	0.68	1.668058	0	0	0	0.2003656	11.76	0.334221361	0	0.33422136
67	7	0	0.579	1.825604	0	0	0	0.18383471	11.76	0.335609382	0	0.33560938
67	8	0	0.451	2.050342	0	0	0	0.13163133	11.76	0.269889278	0	0.26988928
67	9	0	0.187	1.608514	0	0	0	0.12057448	11.76	0.193945694	0	0.19394569
67	10	0	0	1.466332	0	0	0	0.11258066	11.76	0.165080617	0	0.16508062
67	11	0	0	1.377327	0	0	0	0.11779017	11.76	0.162235613	0	0.16223561
67	12	0	0	1.329866	0	0	0	0.11259963	11.76	0.149742468	0	0.14974247
67	13	0	0	1.28118	0	0	0	0.11377389	11.76	0.145764821	0	0.14576482
67	14	0	0	1.208062	0	0	0	0.11909056	11.76	0.143868797	0	0.1438688
67	15	0	0	1.260726	0	0	0	0.11765011	11.76	0.148324528	0	0.14832453
67	16	0	0	1.30144	0	0	0	0.13651826	11.76	0.177670297	0	0.1776703
67	17	0	0	1.544949	0	0	0	0.19114131	11.76	0.295303584	0	0.29530358
67	18	0	0	1.909422	0	0	0	0.20094895	11.76	0.383696432	0	0.38369643
67	19	0	0	1.998834	0	0	0	0.19050741	11.76	0.380792739	0	0.38079274
67	20	0	0	2.190975	0	0	0	0.19401544	11.76	0.425082971	0	0.42508297
67	21	0	0	2.133969	0	0	0	0.20020658	11.76	0.427234551	0	0.42723455
67	22	0	0	1.879728	0	0	0	0.20319058	11.76	0.381943109	0	0.38194311
67	23	0	0	1.456	0	0	0	0.22040071	11.76	0.320903422	0	0.32090342
67	24	0	0	1.157885	0	0	0	0.23067834	11.76	0.267098925	0	0.26709892
68	1	0	0	0.708116	0	0	0	0.24242321	11.76	0.171663666	0	0.17166367
68	2	0	0.134	0.679904	0	0	0	0.23544898	11.76	0.160082758	0	0.16008276
68	3	0	0.305	0.772429	0	0	0	0.23009751	11.76	0.177733903	0	0.1777339
68	4	0	0.377	0.929651	0	0	0	0.23215137	11.76	0.215819772	0	0.21581977
68	5	0	0.406	1.006659	0	0	0	0.22187289	11.76	0.223350375	0	0.22335038
68	6	0	0.436	1.424057	0	0	0	0.2003656	11.76	0.285332138	0	0.28533214
68	7	0	0.414	1.660604	0	0	0	0.18383471	11.76	0.305276661	0	0.30527666
68	8	0	0.364	1.963342	0	0	0	0.13163133	11.76	0.258437367	0	0.25843737
68	9	0	0.369	1.790514	0	0	0	0.12057448	11.76	0.215890255	0	0.21589025
68	10	0	0.25	1.670332	0	0	0	0.11258066	11.76	0.188047071	0	0.18804707
68	11	0	0.105	1.436327	0	0	0	0.11779017	11.76	0.169185235	0	0.16918523
68	12	0	0	1.330866	0	0	0	0.11259963	11.76	0.149855073	0	0.14985507
68	13	0	0	1.28218	0	0	0	0.11377389	11.76	0.1458786	0	0.1458786
68	14	0	0	1.209062	0	0	0	0.11909056	11.76	0.143987879	0	0.14398788
68	15	0	0	1.261726	0	0	0	0.11765011	11.76	0.148442169	0	0.14844217
68	16	0	0	1.30244	0	0	0	0.13651826	11.76	0.177806822	0	0.17780682
68	17	0	0	1.545949	0	0	0	0.19114131	11.76	0.295494735	0	0.29549473
68	18	0	0	1.911422	0	0	0	0.20094895	11.76	0.384098349	0	0.38409835
68	19	0	0	2.000834	0	0	0	0.19050741	11.76	0.381173749	0	0.38117375
68	20	0	0	2.192975	0	0	0	0.19401544	11.76	0.42547102	0	0.42547102
68	21	0	0	2.135969	0	0	0	0.20020658	11.76	0.427634983	0	0.42763498
68	22	0	0	1.880728	0	0	0	0.20319058	11.76	0.382146285	0	0.38214628
68	23	0	0.166	1.578	0	0	0	0.22040071	11.76	0.34779233	0	0.34779233
68	24	0	0.292	1.404885	0	0	0	0.23067834	11.76	0.32407647	0	0.32407647
69	1	0	0.384	1.047116	0	0	0	0.24242321	11.76	0.253845117	0	0.25384512
69	2	0	0.453	0.998904	0	0	0	0.23544898	11.76	0.235190985	0	0.23519098
69	3	0	0.473	0.940429	0	0	0	0.23009751	11.76	0.21639028	0	0.21639028
69	4	0	0.499	1.051651	0	0	0	0.23215137	11.76	0.244142248	0	0.24414225
69	5	0	0.532	1.132659	0	0	0	0.22187289	11.76	0.25130637	0	0.25130637
69	6	0	0.47	1.458058	0	0	0	0.2003656	11.76	0.292144576	0	0.29214458
69	7	0	0.439	1.685604	0	0	0	0.18383471	11.76	0.309872524	0	0.30987252
69	8	0	0.415	2.014342	0	0	0	0.13163133	11.76	0.265150549	0	0.26515055
69	9	0	0.396	1.817514	0	0	0	0.12057448	11.76	0.21914576	0	0.21914576
69	10	0	0.141	1.561332	0	0	0	0.11258066	11.76	0.175775783	0	0.17577578
69	11	0	0	1.377327	0	0	0	0.11779017	11.76	0.162235613	0	0.16223561
69	12	0	0	1.330866	0	0	0	0.11259963	11.76	0.149855073	0	0.14985507
69	13	0	0	1.28118	0	0	0	0.11377389	11.76	0.145764821	0	0.14576482
69	14	0	0	1.207062	0	0	0	0.11909056	11.76	0.143749701	0	0.1437497
69	15	0	0	1.259726	0	0	0	0.11765011	11.76	0.148206872	0	0.14820687
69	16	0	0	1.30044	0	0	0	0.13651826	11.76	0.177533789	0	0.17753379
69	17	0	0	1.542949	0	0	0	0.19114131	11.76	0.294921307	0	0.29492131
69	18	0	0	1.908422	0	0	0	0.20094895	11.76	0.383495498	0	0.3834955
69	19	0	0	1.998834	0	0	0	0.19050741	11.76	0.380792739	0	0.38079274
69	20	0	0	2.190975	0	0	0	0.19401544	11.76	0.425082971	0	0.42508297
69	21	0	0	2.133969	0	0	0	0.20020658	11.76	0.427234551	0	0.42723455
69	22	0	0	1.879728	0	0	0	0.20319058	11.76	0.381943109	0	0.38194311
69	23	0	0	1.456	0	0	0	0.22040071	11.76	0.320903422	0	0.32090342
69	24	0	0	1.157885	0	0	0	0.23067834	11.76	0.267098925	0	0.26709892
70	1	0	0	0.708116	0	0	0	0.24242321	11.76	0.171663666	0	0.17166367
70	2	0	0.227	0.772904	0	0	0	0.23544898	11.76	0.181979512	0	0.18197951
70	3	0	0.325	0.792429	0	0	0	0.23009751	11.76	0.182335848	0	0.18233585
70	4	0	0.423	0.975651	0	0	0	0.23215137	11.76	0.226498736	0	0.22649874
70	5	0	0.469	1.069659	0	0	0	0.22187289	11.76	0.23732836	0	0.23732836
70	6	0	0.462	1.450058	0	0	0	0.2003656	11.76	0.290541648	0	0.29054165
70	7	0	0.499	1.745604	0	0	0	0.18383471	11.76	0.320902597	0	0.3209026

70	8	0	0.441	2.040342	0	0	0	0.13163133	11.76	0.268572966	0	0.26857297
70	9	0	0.467	1.888514	0	0	0	0.12057448	11.76	0.227706546	0	0.22770655
70	10	0	0.43	1.850332	0	0	0	0.11258066	11.76	0.208311597	0	0.2083116
70	11	0	0.31	1.641327	0	0	0	0.11779017	11.76	0.193332223	0	0.19333222
70	12	0	0.255	1.539866	0	0	0	0.11259963	11.76	0.173388395	0	0.1733884
70	13	0	0.143	1.37918	0	0	0	0.11377389	11.76	0.156914668	0	0.15691467
70	14	0	0.153	1.317062	0	0	0	0.11909056	11.76	0.156849664	0	0.15684966
70	15	0	0.314	1.530726	0	0	0	0.11765011	11.76	0.180090057	0	0.18009006
70	16	0	0.138	1.39544	0	0	0	0.13651826	11.76	0.190503011	0	0.19050301
70	17	0	0.121	1.621949	0	0	0	0.19114131	11.76	0.310021469	0	0.31002147
70	18	0	0.094	1.959422	0	0	0	0.20094895	11.76	0.393743894	0	0.39374389
70	19	0	0.207	2.162834	0	0	0	0.19050741	11.76	0.412035938	0	0.41203594
70	20	0	0.235	2.382975	0	0	0	0.19401544	11.76	0.462333965	0	0.46233397
70	21	0	0.407	2.497969	0	0	0	0.20020658	11.76	0.500109763	0	0.50010976
70	22	0	0.536	2.371728	0	0	0	0.20319058	11.76	0.48191287	0	0.48191287
70	23	0	0.701	2.113	0	0	0	0.22040071	11.76	0.465706674	0	0.46570667
70	24	0	0.9	2.012885	0	0	0	0.23067834	11.76	0.464328883	0	0.46432888
71	1	0	1.105	1.768116	0	0	0	0.24242321	11.76	0.428632269	0	0.42863227
71	2	0	1.169	1.714904	0	0	0	0.23544898	11.76	0.403772476	0	0.40377248
71	3	0	1.105	1.572429	0	0	0	0.23009751	11.76	0.361811925	0	0.36181193
71	4	0	1.17	1.723651	0	0	0	0.23215137	11.76	0.400147953	0	0.40014795
71	5	0	1.068	1.668659	0	0	0	0.22187289	11.76	0.370230216	0	0.37023022
71	6	0	1.11	2.098058	0	0	0	0.2003656	11.76	0.42037856	0	0.42037856
71	7	0	1.046	2.292604	0	0	0	0.18383471	11.76	0.421460194	0	0.42146019
71	8	0	0.753	2.352342	0	0	0	0.13163133	11.76	0.309641945	0	0.30964194
71	9	0	0.755	2.176514	0	0	0	0.12057448	11.76	0.26243201	0	0.26243201
71	10	0	0.689	2.109332	0	0	0	0.11258066	11.76	0.237469994	0	0.23746999
71	11	0	0.742	2.073327	0	0	0	0.11779017	11.76	0.244217566	0	0.24421757
71	12	0	0.626	1.910866	0	0	0	0.11259963	11.76	0.215162864	0	0.21516286
71	13	0	0.485	1.72218	0	0	0	0.11377389	11.76	0.195939105	0	0.1959391
71	14	0	0.289	1.453062	0	0	0	0.11909056	11.76	0.173045984	0	0.17304598
71	15	0	0.222	1.438726	0	0	0	0.11765011	11.76	0.169266245	0	0.16926625
71	16	0	0.266	1.52344	0	0	0	0.13651826	11.76	0.207977352	0	0.20797735
71	17	0	0.283	1.783949	0	0	0	0.19114131	11.76	0.34098635	0	0.34098635
71	18	0	0.335	2.200423	0	0	0	0.20094895	11.76	0.442172603	0	0.4421726
71	19	0	0.428	2.383834	0	0	0	0.19050741	11.76	0.454138113	0	0.45413811
71	20	0	0.469	2.616975	0	0	0	0.19401544	11.76	0.507733572	0	0.50773357
71	21	0	0.545	2.635969	0	0	0	0.20020658	11.76	0.527738273	0	0.52773827
71	22	0	0.644	2.479728	0	0	0	0.20319058	11.76	0.503857461	0	0.50385746
71	23	0	0.901	2.313	0	0	0	0.22040071	11.76	0.509786826	0	0.50978683
71	24	0	0.924	2.036885	0	0	0	0.23067834	11.76	0.469865202	0	0.4698652
72	1	0	1.372	2.035116	0	0	0	0.24242321	11.76	0.493359286	0	0.49335929
72	2	0	1.418	1.963904	0	0	0	0.23544898	11.76	0.462399289	0	0.46239929
72	3	0	1.314	1.782429	0	0	0	0.23009751	11.76	0.410132383	0	0.41013238
72	4	0	1.487	2.040651	0	0	0	0.23215137	11.76	0.473739945	0	0.47373994
72	5	0	1.336	1.937659	0	0	0	0.22187289	11.76	0.429914062	0	0.42991406
72	6	0	1.282	2.270058	0	0	0	0.2003656	11.76	0.454841478	0	0.45484148
72	7	0	1.27	2.516604	0	0	0	0.18383471	11.76	0.462639166	0	0.46263917
72	8	0	1.183	2.782342	0	0	0	0.13163133	11.76	0.366243424	0	0.36624342
72	9	0	1.051	2.472514	0	0	0	0.12057448	11.76	0.298122057	0	0.29812206
72	10	0	0.958	2.378332	0	0	0	0.11258066	11.76	0.267754197	0	0.2677542
72	11	0	0.624	1.955327	0	0	0	0.11779017	11.76	0.230318337	0	0.23031834
72	12	0	0.176	1.460866	0	0	0	0.11259963	11.76	0.164493025	0	0.16449302
72	13	0	0	1.28218	0	0	0	0.11377389	11.76	0.1458786	0	0.1458786
72	14	0	0	1.209062	0	0	0	0.11909056	11.76	0.143987879	0	0.14398788
72	15	0	0	1.260726	0	0	0	0.11765011	11.76	0.148324528	0	0.14832453
72	16	0	0	1.30144	0	0	0	0.13651826	11.76	0.177670297	0	0.1776703
72	17	0	0	1.543949	0	0	0	0.19114131	11.76	0.295112434	0	0.29511243
72	18	0	0	1.908422	0	0	0	0.20094895	11.76	0.383495498	0	0.3834955
72	19	0	0	1.998834	0	0	0	0.19050741	11.76	0.380792739	0	0.38079274
72	20	0	0	2.190975	0	0	0	0.19401544	11.76	0.425082971	0	0.42508297
72	21	0	0.096	2.184969	0	0	0	0.20020658	11.76	0.437445111	0	0.43744511
72	22	0	0.096	1.929728	0	0	0	0.20319058	11.76	0.392102628	0	0.39210263
72	23	0	0.096	1.507	0	0	0	0.22040071	11.76	0.332143858	0	0.33214386
72	24	0	0.532	1.644885	0	0	0	0.23067834	11.76	0.379439274	0	0.37943927
73	1	0	0.783	1.446116	0	0	0	0.24242321	11.76	0.350571989	0	0.35057199
73	2	0	1.142	1.687904	0	0	0	0.23544898	11.76	0.397415309	0	0.39741531
73	3	0	1.476	1.943429	0	0	0	0.23009751	11.76	0.447178112	0	0.44717811
73	4	0	1.581	2.134651	0	0	0	0.23215137	11.76	0.495562197	0	0.4955622
73	5	0	1.653	2.254659	0	0	0	0.22187289	11.76	0.500247749	0	0.50024775
73	6	0	1.636	2.624058	0	0	0	0.2003656	11.76	0.525770872	0	0.52577087
73	7	0	1.542	2.788604	0	0	0	0.18383471	11.76	0.512642222	0	0.51264222
73	8	0	0.873	2.472342	0	0	0	0.13163133	11.76	0.32543772	0	0.32543772
73	9	0	0.096	1.517514	0	0	0	0.12057448	11.76	0.182973421	0	0.18297342
73	10	0	0	1.466332	0	0	0	0.11258066	11.76	0.165080617	0	0.16508062
73	11	0	0	1.376327	0	0	0	0.11779017	11.76	0.162117831	0	0.16211783
73	12	0	0	1.328866	0	0	0	0.11259963	11.76	0.149629877	0	0.14962988
73	13	0	0	1.27918	0	0	0	0.11377389	11.76	0.145537276	0	0.14553728
73	14	0	0	1.205062	0	0	0	0.11909056	11.76	0.143511523	0	0.14351152
73	15	0	0	1.210726	0	0	0	0.11765011	11.76	0.142442028	0	0.14244203
73	16	0	0	1.25144	0	0	0	0.13651826	11.76	0.17084439	0	0.17084439
73	17	0	0	1.494949	0	0	0	0.19114131	11.76	0.285746528	0	0.28574653
73	18	0	0	1.859422	0	0	0	0.20094895	11.76	0.373648994	0	0.37364899
73	19	0	0	1.949834	0	0	0	0.19050741	11.76	0.371457894	0	0.37145789
73	20	0	0	2.141975	0	0	0	0.19401544	11.76	0.41557621	0	0.41557621
73	21	0	0	2.130969	0	0	0	0.20020658	11.76	0.426633927	0	0.42663393
73	22	0	0	1.875728	0	0	0	0.20319058	11.76	0.381130333	0	0.38113033
73	23	0	0	1.453	0	0	0	0.22040071	11.76	0.320242242	0	0.32024224
73	24	0	0	1.154885	0	0	0	0.23067834	11.76	0.266406885	0	0.26640689
74	1	0	0.096	0.756116	0	0	0	0.24242321	11.76	0.183299975	0	0.18329997
74	2	0	0.096	0.639904	0	0	0	0.23544898	11.76	0.150664793	0	0.15066479
74	3	0	0.096	0.562429	0	0	0	0.23009751	11.76	0.129413431	0	0.12941343
74	4	0	0.096	0.648651	0	0	0	0.23215137	11.76	0.150585247	0	0.15058525
74	5	0	0.436	1.036659	0	0	0	0.22187289	11.76	0.230006556	0	0.23000656
74	6	0	0.783	1.771058	0	0	0	0.2003656	11.76	0.354859027	0	0.35485903
74	7	0	0.757	2.003604	0	0	0	0.18383471	11.76	0.368331956	0	0.36833196
74	8	0	0.618	2.217342	0	0	0	0.13163133	11.76	0.291871717	0	0.29187172
74	9	0	0.638	2.059514	0	0	0	0.12057448	11.76	0.248324783	0	0.24832478
74	10	0	0.177	1.597332	0	0	0	0.11258066	11.76	0.179828688	0	0.17982869
74	11	0	0	1.377327	0	0	0	0.11779017	11.76	0.162235613	0	0.16223561
74	12	0	0	1.330866	0	0	0	0.11259963	11.76	0.149855073	0	0.14985507
74	13	0	0	1.28118	0	0	0	0.11377389	11.76	0.145764821	0	0.14576482
74	14	0	0	1.208062	0	0	0	0.11909056	11.76	0.143868797	0	0.1438688
74	15	0	0	1.260726	0	0	0	0.11765011	11.76	0.148324528	0	0.14832453
74	16	0	0	1.30144	0	0	0	0.13651826	11.76	0.177670297	0	0.1776703
74	17	0	0	1.543949	0	0	0	0.19114131	11.76	0.295112434	0	0.29511243
74	18	0	0	1.908422	0	0	0	0.20094895	11.76	0.383495498	0	0.3834955
74	19	0	0.096	2.048834	0	0	0	0.19050741	11.76	0.390318123	0	0.39031812
74	20	0	0.096	2.240975	0	0	0	0.19401544	11.76	0.434783781	0	0.43478378
74	21	0	0.096	2.184969	0	0	0	0.20020658	11.76	0.437445111	0	0.43744511
74	22	0	0.096	1.929728	0	0	0	0.20319058	11.76	0.392102628	0	0.39210263

74	23	0	0.096	1.507	0	0	0	0.22040071	11.76	0.332143858	0	0.33214386
74	24	0	0.75	1.862885	0	0	0	0.23067834	11.76	0.429727137	0	0.42972714
75	1	0	1.196	1.859116	0	0	0	0.24242321	11.76	0.450692772	0	0.45069277
75	2	0	1.471	2.016904	0	0	0	0.23544898	11.76	0.474878023	0	0.47487802
75	3	0	1.571	2.039429	0	0	0	0.23009751	11.76	0.469267463	0	0.46926746
75	4	0	1.643	2.196651	0	0	0	0.23215137	11.76	0.509955535	0	0.50995554
75	5	0	1.757	2.358659	0	0	0	0.22187289	11.76	0.52332255	0	0.52332255
75	6	0	1.773	2.761058	0	0	0	0.2003656	11.76	0.553220977	0	0.55322098
75	7	0	1.687	2.933604	0	0	0	0.18383471	11.76	0.539298208	0	0.53929821
75	8	0	1.555	3.154342	0	0	0	0.13163133	11.76	0.415210274	0	0.41521027
75	9	0	1.338	2.759514	0	0	0	0.12057448	11.76	0.332726926	0	0.33272693
75	10	0	0.943	2.363332	0	0	0	0.11258066	11.76	0.266065476	0	0.26606548
75	11	0	0.729	2.060327	0	0	0	0.11779017	11.76	0.242686292	0	0.24268629
75	12	0	0.612	1.896866	0	0	0	0.11259963	11.76	0.213586463	0	0.21358646
75	13	0	0.476	1.71318	0	0	0	0.11377389	11.76	0.194915146	0	0.19491515
75	14	0	0.333	1.497062	0	0	0	0.11909056	11.76	0.178285972	0	0.17828597
75	15	0	0.262	1.478726	0	0	0	0.11765011	11.76	0.173972245	0	0.17397225
75	16	0	0.33	1.58744	0	0	0	0.13651826	11.76	0.216714522	0	0.21671452
75	17	0	0.359	1.859949	0	0	0	0.19114131	11.76	0.355513108	0	0.35551311
75	18	0	0.4	2.265423	0	0	0	0.20094895	11.76	0.455234297	0	0.4552343
75	19	0	0.512	2.467834	0	0	0	0.19050741	11.76	0.470140711	0	0.47014071
75	20	0	0.496	2.643975	0	0	0	0.19401544	11.76	0.51297198	0	0.51297198
75	21	0	0.62	2.710968	0	0	0	0.20020658	11.76	0.542753728	0	0.54275373
75	22	0	0.713	2.548728	0	0	0	0.20319058	11.76	0.517877612	0	0.51787761
75	23	0	0.814	2.226	0	0	0	0.22040071	11.76	0.490611988	0	0.49061199
75	24	0	1.076	2.188885	0	0	0	0.23067834	11.76	0.504928298	0	0.5049283
76	1	0	1.218	1.881116	0	0	0	0.24242321	11.76	0.456026072	0	0.45602607
76	2	0	1.39	1.935904	0	0	0	0.23544898	11.76	0.455806691	0	0.45580669
76	3	0	1.306	1.774429	0	0	0	0.23009751	11.76	0.408291599	0	0.4082916
76	4	0	1.41	1.963651	0	0	0	0.23215137	11.76	0.455864284	0	0.45586428
76	5	0	1.397	1.998659	0	0	0	0.22187289	11.76	0.443448306	0	0.44344831
76	6	0	1.346	2.334058	0	0	0	0.2003656	11.76	0.467664855	0	0.46766485
76	7	0	1.199	2.445604	0	0	0	0.18383471	11.76	0.449586883	0	0.44958688
76	8	0	0.896	2.495342	0	0	0	0.13163133	11.76	0.328465241	0	0.32846524
76	9	0	0.545	1.966514	0	0	0	0.12057448	11.76	0.237111364	0	0.23711136
76	10	0	0.096	1.516332	0	0	0	0.11258066	11.76	0.170709658	0	0.17070966
76	11	0	0	1.377327	0	0	0	0.11779017	11.76	0.162235613	0	0.16223561
76	12	0	0	1.330866	0	0	0	0.11259963	11.76	0.149855073	0	0.14985507
76	13	0	0	1.28118	0	0	0	0.11377389	11.76	0.145764821	0	0.14576482
76	14	0	0	1.207062	0	0	0	0.11909056	11.76	0.143749701	0	0.1437497
76	15	0	0	1.259726	0	0	0	0.11765011	11.76	0.148206872	0	0.14820687
76	16	0	0	1.29944	0	0	0	0.13651826	11.76	0.177397264	0	0.17739726
76	17	0	0	1.541949	0	0	0	0.19114131	11.76	0.294730156	0	0.29473016
76	18	0	0	1.906422	0	0	0	0.20094895	11.76	0.383093605	0	0.3830936
76	19	0	0.096	2.045834	0	0	0	0.19050741	11.76	0.389746597	0	0.3897466
76	20	0	0.096	2.238975	0	0	0	0.19401544	11.76	0.434395732	0	0.43439573
76	21	0	0.096	2.182969	0	0	0	0.20020658	11.76	0.437044679	0	0.43704468
76	22	0	0.096	1.928728	0	0	0	0.20319058	11.76	0.391899452	0	0.39189945
76	23	0	0.096	1.506	0	0	0	0.22040071	11.76	0.331923473	0	0.33192347
76	24	0	0.096	1.207885	0	0	0	0.23067834	11.76	0.278632831	0	0.27863283
77	1	0	0.317	0.979116	0	0	0	0.24242321	11.76	0.237360348	0	0.23736035
77	2	0	0.895	1.440904	0	0	0	0.23544898	11.76	0.339259415	0	0.33925941
77	3	0	1.245	1.712429	0	0	0	0.23009751	11.76	0.394025573	0	0.39402557
77	4	0	1.454	2.006651	0	0	0	0.23215137	11.76	0.465846817	0	0.46584682
77	5	0	1.746	2.347659	0	0	0	0.22187289	11.76	0.520881913	0	0.52088191
77	6	0	1.635	2.623058	0	0	0	0.2003656	11.76	0.525570521	0	0.52557052
77	7	0	1.573	2.819604	0	0	0	0.18383471	11.76	0.518341079	0	0.51834108
77	8	0	1.132	2.731342	0	0	0	0.13163133	11.76	0.35953021	0	0.35953021
77	9	0	0.692	2.113513	0	0	0	0.12057448	11.76	0.254835793	0	0.25483579
77	10	0	0.096	1.516332	0	0	0	0.11258066	11.76	0.170709658	0	0.17070966
77	11	0	0	1.377327	0	0	0	0.11779017	11.76	0.162235613	0	0.16223561
77	12	0	0	1.329866	0	0	0	0.11259963	11.76	0.149742468	0	0.14974247
77	13	0	0	1.28018	0	0	0	0.11377389	11.76	0.145651042	0	0.14565104
77	14	0	0	1.205062	0	0	0	0.11909056	11.76	0.143511523	0	0.14351152
77	15	0	0	1.210726	0	0	0	0.11765011	11.76	0.142442028	0	0.14244203
77	16	0	0	1.25244	0	0	0	0.13651826	11.76	0.170980899	0	0.1709809
77	17	0	0	1.494949	0	0	0	0.19114131	11.76	0.285746528	0	0.28574653
77	18	0	0	1.860422	0	0	0	0.20094895	11.76	0.373849952	0	0.37384995
77	19	0	0	1.949834	0	0	0	0.19050741	11.76	0.371457894	0	0.37145789
77	20	0	0	2.187975	0	0	0	0.19401544	11.76	0.424500921	0	0.42450092
77	21	0	0	2.130969	0	0	0	0.20020658	11.76	0.426633927	0	0.42663393
77	22	0	0	1.876728	0	0	0	0.20319058	11.76	0.381333533	0	0.38133353
77	23	0	0	1.453	0	0	0	0.22040071	11.76	0.320242242	0	0.32024224
77	24	0	0.096	1.204885	0	0	0	0.23067834	11.76	0.277940791	0	0.27794079
78	1	0	0.096	0.756116	0	0	0	0.24242321	11.76	0.183299975	0	0.18329997
78	2	0	0	0.589904	0	0	0	0.23544898	11.76	0.138892341	0	0.13889234
78	3	0	0.096	0.562429	0	0	0	0.23009751	11.76	0.129413431	0	0.12941343
78	4	0	0.175	0.727651	0	0	0	0.23215137	11.76	0.168925204	0	0.1689252
78	5	0	0.425	1.025659	0	0	0	0.22187289	11.76	0.227565946	0	0.22756595
78	6	0	0.646	1.634058	0	0	0	0.2003656	11.76	0.327408922	0	0.32740892
78	7	0	0.702	1.948604	0	0	0	0.18383471	11.76	0.358221056	0	0.35822106
78	8	0	0.654	2.253342	0	0	0	0.13163133	11.76	0.296610446	0	0.29661045
78	9	0	0.61	2.031514	0	0	0	0.12057448	11.76	0.244948712	0	0.24494871
78	10	0	0.664	2.084332	0	0	0	0.11258066	11.76	0.234655467	0	0.23465547
78	11	0	0.422	1.753327	0	0	0	0.11779017	11.76	0.206524721	0	0.20652472
78	12	0	0	1.330866	0	0	0	0.11259963	11.76	0.149855073	0	0.14985507
78	13	0	0	1.28218	0	0	0	0.11377389	11.76	0.1458786	0	0.1458786
78	14	0	0	1.208062	0	0	0	0.11909056	11.76	0.143868797	0	0.1438688
78	15	0	0	1.260726	0	0	0	0.11765011	11.76	0.148324528	0	0.14832453
78	16	0	0	1.30144	0	0	0	0.13651826	11.76	0.177670297	0	0.1776703
78	17	0	0	1.543949	0	0	0	0.19114131	11.76	0.295112434	0	0.29511243
78	18	0	0	1.909422	0	0	0	0.20094895	11.76	0.383696432	0	0.38369643
78	19	0	0.096	2.048834	0	0	0	0.19050741	11.76	0.390318123	0	0.39031812
78	20	0	0.096	2.241975	0	0	0	0.19401544	11.76	0.434977782	0	0.43497778
78	21	0	0.096	2.185969	0	0	0	0.20020658	11.76	0.437645303	0	0.4376453
78	22	0	0.096	1.930728	0	0	0	0.20319058	11.76	0.392305828	0	0.39230583
78	23	0	0.552	1.964	0	0	0	0.22040071	11.76	0.432866985	0	0.43286698
78	24	0	0.754	1.866885	0	0	0	0.23067834	11.76	0.430649839	0	0.43064984
79	1	0	0.972	1.635116	0	0	0	0.24242321	11.76	0.396389979	0	0.39638998
79	2	0	1.407	1.952904	0	0	0	0.23544898	11.76	0.459809314	0	0.45980931
79	3	0	1.374	1.841429	0	0	0	0.23009751	11.76	0.423708139	0	0.42370814
79	4	0	1.396	1.949651	0	0	0	0.23215137	11.76	0.452614179	0	0.45261418
79	5	0	1.575	2.176659	0	0	0	0.22187289	11.76	0.482941648	0	0.48294165
79	6	0	1.253	2.241058	0	0	0	0.2003656	11.76	0.449030867	0	0.44903087
79	7	0	1.186	2.432604	0	0	0	0.18383471	11.76	0.44719703	0	0.44719703
79	8	0	0.974	2.573342	0	0	0	0.13163133	11.76	0.338732462	0	0.33873246
79	9	0	0.907	2.328514	0	0	0	0.12057448	11.76	0.280759325	0	0.28075932
79	10	0	0.683	2.103332	0	0	0	0.11258066	11.76	0.236794505	0	0.23679451
79	11	0	0.19	1.521327	0	0	0	0.11779017	11.76	0.179197403	0	0.1791974
79	12	0	0	1.330866	0	0	0	0.11259963	11.76	0.149855073	0	0.14985507
79	13	0	0	1.28218	0	0	0	0.11377389	11.76	0.1458786	0	0.1458786

79	14	0	0	1.208062	0	0	0	0.11909056	11.76	0.143868797	0	0.1438688
79	15	0	0	1.260726	0	0	0	0.11765011	11.76	0.148324528	0	0.14832453
79	16	0	0	1.30044	0	0	0	0.13651826	11.76	0.177533789	0	0.17753379
79	17	0	0	1.542949	0	0	0	0.19114131	11.76	0.294921307	0	0.29492131
79	18	0	0	1.908422	0	0	0	0.20094895	11.76	0.383495498	0	0.3834955
79	19	0	0.096	2.047834	0	0	0	0.19050741	11.76	0.390127584	0	0.39012758
79	20	0	0.096	2.240975	0	0	0	0.19401544	11.76	0.434783781	0	0.43478378
79	21	0	0.096	2.184969	0	0	0	0.20020658	11.76	0.437445111	0	0.43744511
79	22	0	0.096	1.929728	0	0	0	0.20319058	11.76	0.392102628	0	0.39210263
79	23	0	0.096	1.507	0	0	0	0.22040071	11.76	0.332143858	0	0.33214386
79	24	0	0.383	1.495885	0	0	0	0.23067834	11.76	0.34506819	0	0.34506819
80	1	0	0.786	1.449116	0	0	0	0.24242321	11.76	0.351299264	0	0.35129926
80	2	0	1.178	1.723904	0	0	0	0.23544898	11.76	0.405891475	0	0.40589148
80	3	0	1.372	1.839429	0	0	0	0.23009751	11.76	0.42324795	0	0.42324795
80	4	0	1.552	2.104651	0	0	0	0.23215137	11.76	0.488597607	0	0.48859761
80	5	0	1.631	2.232659	0	0	0	0.22187289	11.76	0.495366528	0	0.49536653
80	6	0	1.663	2.651058	0	0	0	0.2003656	11.76	0.531180782	0	0.53118078
80	7	0	1.555	2.801604	0	0	0	0.18383471	11.76	0.515032075	0	0.51503208
80	8	0	1.317	2.916342	0	0	0	0.13163133	11.76	0.38388203	0	0.38388203
80	9	0	1.099	2.520514	0	0	0	0.12057448	11.76	0.303909615	0	0.30390961
80	10	0	0.478	1.898332	0	0	0	0.11258066	11.76	0.213715466	0	0.21371547
80	11	0	0.222	1.553327	0	0	0	0.11779017	11.76	0.182966682	0	0.18296668
80	12	0	0.096	1.380866	0	0	0	0.11259963	11.76	0.155485049	0	0.15548505
80	13	0	0	1.28218	0	0	0	0.11377389	11.76	0.1458786	0	0.1458786
80	14	0	0	1.208062	0	0	0	0.11909056	11.76	0.143868797	0	0.1438688
80	15	0	0	1.259726	0	0	0	0.11765011	11.76	0.148206872	0	0.14820687
80	16	0	0	1.30044	0	0	0	0.13651826	11.76	0.177533789	0	0.17753379
80	17	0	0	1.543949	0	0	0	0.19114131	11.76	0.295112434	0	0.29511243
80	18	0	0	1.908422	0	0	0	0.20094895	11.76	0.383495498	0	0.3834955
80	19	0	0	1.997834	0	0	0	0.19050741	11.76	0.380602222	0	0.38060222
80	20	0	0.096	2.239975	0	0	0	0.19401544	11.76	0.434589733	0	0.43458973
80	21	0	0.096	2.183969	0	0	0	0.20020658	11.76	0.437244871	0	0.43724487
80	22	0	0.096	1.929728	0	0	0	0.20319058	11.76	0.392102628	0	0.39210263
80	23	0	0.096	1.507	0	0	0	0.22040071	11.76	0.332143858	0	0.33214386
80	24	0	0.334	1.446885	0	0	0	0.23067834	11.76	0.333764946	0	0.33376495
81	1	0	0.731	1.394116	0	0	0	0.24242321	11.76	0.337966	0	0.337966
81	2	0	0.94	1.485904	0	0	0	0.23544898	11.76	0.349854637	0	0.34985464
81	3	0	1.07	1.537429	0	0	0	0.23009751	11.76	0.35375852	0	0.35375852
81	4	0	1.088	1.640651	0	0	0	0.23215137	11.76	0.380879375	0	0.38087937
81	5	0	1.238	1.838659	0	0	0	0.22187289	11.76	0.407948624	0	0.40794862
81	6	0	1.21	2.198058	0	0	0	0.2003656	11.76	0.440415149	0	0.44041515
81	7	0	1.222	2.468604	0	0	0	0.18383471	11.76	0.453815082	0	0.45381508
81	8	0	1.586	3.185342	0	0	0	0.13163133	11.76	0.419290832	0	0.41929083
81	9	0	1.696	3.117514	0	0	0	0.12057448	11.76	0.375892596	0	0.3758926
81	10	0	1.65	3.070332	0	0	0	0.11258066	11.76	0.345660003	0	0.34566
81	11	0	1.389	2.720327	0	0	0	0.11779017	11.76	0.320427811	0	0.32042781
81	12	0	1.173	2.457866	0	0	0	0.11259963	11.76	0.276754855	0	0.27675486
81	13	0	0.85	2.08718	0	0	0	0.11377389	11.76	0.237466576	0	0.23746658
81	14	0	0.76	1.924062	0	0	0	0.11909056	11.76	0.229137631	0	0.22913763
81	15	0	0.712	1.928726	0	0	0	0.11765011	11.76	0.226914802	0	0.2269148
81	16	0	0.667	1.92444	0	0	0	0.13651826	11.76	0.262721179	0	0.26272118
81	17	0	0.697	2.197949	0	0	0	0.19114131	11.76	0.420118836	0	0.42011884
81	18	0	0.688	2.554422	0	0	0	0.20094895	11.76	0.513308503	0	0.5133085
81	19	0	0.74	2.695834	0	0	0	0.19050741	11.76	0.513576387	0	0.51357639
81	20	0	0.766	2.913975	0	0	0	0.19401544	11.76	0.565356145	0	0.56535614
81	21	0	0.796	2.886969	0	0	0	0.20020658	11.76	0.57799011	0	0.57799011
81	22	0	1.092	2.927728	0	0	0	0.20319058	11.76	0.594886831	0	0.59488683
81	23	0	1.366	2.778	0	0	0	0.22040071	11.76	0.612273188	0	0.61227319
81	24	0	1.487	2.599885	0	0	0	0.23067834	11.76	0.599737099	0	0.5997371
82	1	0	1.561	2.224116	0	0	0	0.24242321	11.76	0.539177304	0	0.5391773
82	2	0	1.662	2.207904	0	0	0	0.23544898	11.76	0.519848775	0	0.51984878
82	3	0	1.659	2.127429	0	0	0	0.23009751	11.76	0.489516002	0	0.489516
82	4	0	1.749	2.302651	0	0	0	0.23215137	11.76	0.534563623	0	0.53456362
82	5	0	1.84	2.441659	0	0	0	0.22187289	11.76	0.541737934	0	0.54173793
82	6	0	1.871	2.859058	0	0	0	0.2003656	11.76	0.572856816	0	0.57285682
82	7	0	1.672	2.918604	0	0	0	0.18383471	11.76	0.536540712	0	0.53654071
82	8	0	1.266	2.865342	0	0	0	0.13163133	11.76	0.377168816	0	0.37716882
82	9	0	0.946	2.367514	0	0	0	0.12057448	11.76	0.285461734	0	0.28546173
82	10	0	0.572	1.992332	0	0	0	0.11258066	11.76	0.224298046	0	0.22429805
82	11	0	0.547	1.878327	0	0	0	0.11779017	11.76	0.221248491	0	0.22124849
82	12	0	0.096	1.380866	0	0	0	0.11259963	11.76	0.155485049	0	0.15548505
82	13	0	0	1.28218	0	0	0	0.11377389	11.76	0.1458786	0	0.1458786
82	14	0	0	1.209062	0	0	0	0.11909056	11.76	0.143987879	0	0.14398788
82	15	0	0	1.260726	0	0	0	0.11765011	11.76	0.148324528	0	0.14832453
82	16	0	0	1.30144	0	0	0	0.13651826	11.76	0.177670297	0	0.1776703
82	17	0	0	1.544949	0	0	0	0.19114131	11.76	0.295303584	0	0.29530358
82	18	0	0.096	1.959422	0	0	0	0.20094895	11.76	0.393743894	0	0.39374389
82	19	0	0.096	2.049834	0	0	0	0.19050741	11.76	0.390508617	0	0.39050862
82	20	0	0.096	2.242975	0	0	0	0.19401544	11.76	0.435171783	0	0.43517178
82	21	0	0.096	2.185969	0	0	0	0.20020658	11.76	0.437645303	0	0.4376453
82	22	0	0.534	2.369728	0	0	0	0.20319058	11.76	0.48150647	0	0.48150647
82	23	0	0.777	2.189	0	0	0	0.22040071	11.76	0.482457123	0	0.48245712
82	24	0	1.121	2.233885	0	0	0	0.23067834	11.76	0.515308841	0	0.51530884
83	1	0	1.425	2.088116	0	0	0	0.24242321	11.76	0.506207709	0	0.50620771
83	2	0	1.68	2.225904	0	0	0	0.23544898	11.76	0.524086887	0	0.52408689
83	3	0	1.824	2.292429	0	0	0	0.23009751	11.76	0.527482137	0	0.52748214
83	4	0	2.016	2.569651	0	0	0	0.23215137	11.76	0.59654803	0	0.59654803
83	5	0	2.188	2.789659	0	0	0	0.22187289	11.76	0.618949711	0	0.61894971
83	6	0	2.276	3.264058	0	0	0	0.2003656	11.76	0.65400488	0	0.65400488
83	7	0	2.043	3.289604	0	0	0	0.18383471	11.76	0.6047434	0	0.6047434
83	8	0	1.365	2.964342	0	0	0	0.13163133	11.76	0.390200315	0	0.39020031
83	9	0	0.684	2.105514	0	0	0	0.12057448	11.76	0.253871209	0	0.25387121
83	10	0	0.158	1.578332	0	0	0	0.11258066	11.76	0.177689649	0	0.17768965
83	11	0	0.096	1.427327	0	0	0	0.11779017	11.76	0.16812513	0	0.16812513
83	12	0	0.096	1.380866	0	0	0	0.11259963	11.76	0.155485049	0	0.15548505
83	13	0	0.096	1.33118	0	0	0	0.11377389	11.76	0.151453524	0	0.15145352
83	14	0	0.096	1.257062	0	0	0	0.11909056	11.76	0.149704237	0	0.14970424
83	15	0	0.096	1.309726	0	0	0	0.11765011	11.76	0.154089386	0	0.15408939
83	16	0	0.096	1.35044	0	0	0	0.13651826	11.76	0.184359695	0	0.1843597
83	17	0	0.096	1.593949	0	0	0	0.19114131	11.76	0.304669513	0	0.30466951
83	18	0	0.096	1.959422	0	0	0	0.20094895	11.76	0.393743894	0	0.39374389
83	19	0	0.096	2.048834	0	0	0	0.19050741	11.76	0.390318123	0	0.39031812
83	20	0	0.096	2.241975	0	0	0	0.19401544	11.76	0.434977782	0	0.43497778
83	21	0	0.096	2.185969	0	0	0	0.20020658	11.76	0.437645303	0	0.4376453
83	22	0	0.604	2.438728	0	0	0	0.20319058	11.76	0.495526621	0	0.49552662
83	23	0	1.131	2.543	0	0	0	0.22040071	11.76	0.560478993	0	0.56047899
83	24	0	1.486	2.598885	0	0	0	0.23067834	11.76	0.599506438	0	0.59950644
84	1	0	1.768	2.431116	0	0	0	0.24242321	11.76	0.589358855	0	0.58935885
84	2	0	1.961	2.506904	0	0	0	0.23544898	11.76	0.590248027	0	0.59024803
84	3	0	2.13	2.598429	0	0	0	0.23009751	11.76	0.597891973	0	0.59789197
84	4	0	2.133	2.686651	0	0	0	0.23215137	11.76	0.623709764	0	0.62370976

84	5	0	2.268	2.869659	0	0	0	0.22187289	11.76	0.636699526	0	0.63669953
84	6	0	2.228	3.216058	0	0	0	0.2003656	11.76	0.644387312	0	0.64438731
84	7	0	2.042	3.288604	0	0	0	0.18383471	11.76	0.604559578	0	0.60455958
84	8	0	1.057	2.656342	0	0	0	0.13163133	11.76	0.349657855	0	0.34965785
84	9	0	0.166	1.587514	0	0	0	0.12057448	11.76	0.191413641	0	0.19141364
84	10	0	0.096	1.516332	0	0	0	0.11258066	11.76	0.170709658	0	0.17070966
84	11	0	0.096	1.426327	0	0	0	0.11779017	11.76	0.168007334	0	0.16800733
84	12	0	0	1.328866	0	0	0	0.11259963	11.76	0.149629877	0	0.14962988
84	13	0	0	1.28018	0	0	0	0.11377389	11.76	0.145651042	0	0.14565104
84	14	0	0	1.206062	0	0	0	0.11909056	11.76	0.143630619	0	0.14363062
84	15	0	0	1.257726	0	0	0	0.11765011	11.76	0.147971575	0	0.14797157
84	16	0	0	1.29844	0	0	0	0.13651826	11.76	0.177260739	0	0.17726074
84	17	0	0	1.540949	0	0	0	0.19114131	11.76	0.294539029	0	0.29453903
84	18	0	0	1.905422	0	0	0	0.20094895	11.76	0.382892647	0	0.38289265
84	19	0	0.096	2.045834	0	0	0	0.19050741	11.76	0.389746597	0	0.3897466
84	20	0	0.096	2.237975	0	0	0	0.19401544	11.76	0.43420173	0	0.43420173
84	21	0	0.096	2.181969	0	0	0	0.20020658	11.76	0.436844487	0	0.43684449
84	22	0	0.096	1.927728	0	0	0	0.20319058	11.76	0.391696252	0	0.39169625
84	23	0	0.096	1.505	0	0	0	0.22040071	11.76	0.331703062	0	0.33170306
84	24	0	0.096	1.206885	0	0	0	0.23067834	11.76	0.278402169	0	0.27840217
85	1	0	0.227	0.889116	0	0	0	0.24242321	11.76	0.215542266	0	0.21554227
85	2	0	0.795	1.340904	0	0	0	0.23544898	11.76	0.315714539	0	0.31571454
85	3	0	1.184	1.651429	0	0	0	0.23009751	11.76	0.379989627	0	0.37998963
85	4	0	1.566	2.118651	0	0	0	0.23215137	11.76	0.491847768	0	0.49184777
85	5	0	1.74	2.341659	0	0	0	0.22187289	11.76	0.519550666	0	0.51955067
85	6	0	1.842	2.830058	0	0	0	0.2003656	11.76	0.567046205	0	0.5670462
85	7	0	1.627	2.873604	0	0	0	0.18383471	11.76	0.528268135	0	0.52826814
85	8	0	1.357	2.956342	0	0	0	0.13163133	11.76	0.389147278	0	0.38914728
85	9	0	0.521	1.942514	0	0	0	0.12057448	11.76	0.234217585	0	0.23421758
85	10	0	0.292	1.712332	0	0	0	0.11258066	11.76	0.192775465	0	0.19277546
85	11	0	0	1.377327	0	0	0	0.11779017	11.76	0.162235613	0	0.16223561
85	12	0	0	1.330866	0	0	0	0.11259963	11.76	0.149855073	0	0.14985507
85	13	0	0	1.28218	0	0	0	0.11377389	11.76	0.1458786	0	0.1458786
85	14	0	0	1.208062	0	0	0	0.11909056	11.76	0.143868797	0	0.1438688
85	15	0	0	1.260726	0	0	0	0.11765011	11.76	0.148324528	0	0.14832453
85	16	0	0	1.30144	0	0	0	0.13651826	11.76	0.177670297	0	0.1776703
85	17	0	0	1.543949	0	0	0	0.19114131	11.76	0.295112434	0	0.29511243
85	18	0	0	1.909422	0	0	0	0.20094895	11.76	0.383696432	0	0.38369643
85	19	0	0.096	2.049834	0	0	0	0.19050741	11.76	0.390508617	0	0.39050862
85	20	0	0.096	2.241975	0	0	0	0.19401544	11.76	0.434977782	0	0.43497778
85	21	0	0.096	2.185969	0	0	0	0.20020658	11.76	0.437645303	0	0.4376453
85	22	0	0.096	1.930728	0	0	0	0.20319058	11.76	0.392305828	0	0.39230583
85	23	0	0.525	1.937	0	0	0	0.22040071	11.76	0.426916176	0	0.42691618
85	24	0	1.057	2.169885	0	0	0	0.23067834	11.76	0.500545397	0	0.5005454
86	1	0	1.261	1.924116	0	0	0	0.24242321	11.76	0.466450295	0	0.46645029
86	2	0	1.519	2.064904	0	0	0	0.23544898	11.76	0.486179597	0	0.4861796
86	3	0	1.668	2.136429	0	0	0	0.23009751	11.76	0.491586894	0	0.49158689
86	4	0	1.732	2.285651	0	0	0	0.23215137	11.76	0.530617059	0	0.53061706
86	5	0	1.747	2.348659	0	0	0	0.22187289	11.76	0.52110377	0	0.52110377
86	6	0	1.769	2.757058	0	0	0	0.2003656	11.76	0.552419525	0	0.55241952
86	7	0	1.601	2.847604	0	0	0	0.18383471	11.76	0.523488473	0	0.52348847
86	8	0	1.21	2.809342	0	0	0	0.13163133	11.76	0.369797463	0	0.36979746
86	9	0	1.222	2.643514	0	0	0	0.12057448	11.76	0.318740294	0	0.31874029
86	10	0	0.458	1.878332	0	0	0	0.11258066	11.76	0.211463855	0	0.21146385
86	11	0	0.096	1.427327	0	0	0	0.11779017	11.76	0.16812513	0	0.16812513
86	12	0	0.096	1.380866	0	0	0	0.11259963	11.76	0.155485049	0	0.15548505
86	13	0	0	1.28218	0	0	0	0.11377389	11.76	0.1458786	0	0.1458786
86	14	0	0	1.208062	0	0	0	0.11909056	11.76	0.143868797	0	0.1438688
86	15	0	0	1.260726	0	0	0	0.11765011	11.76	0.148324528	0	0.14832453
86	16	0	0	1.30144	0	0	0	0.13651826	11.76	0.177670297	0	0.1776703
86	17	0	0.096	1.594949	0	0	0	0.19114131	11.76	0.304860664	0	0.30486066
86	18	0	0.096	1.960423	0	0	0	0.20094895	11.76	0.393944852	0	0.39394485
86	19	0	0.096	2.049834	0	0	0	0.19050741	11.76	0.390508617	0	0.39050862
86	20	0	0.096	2.242975	0	0	0	0.19401544	11.76	0.435171783	0	0.43517178
86	21	0	0.184	2.273969	0	0	0	0.20020658	11.76	0.455263493	0	0.45526349
86	22	0	0.578	2.413728	0	0	0	0.20319058	11.76	0.490446886	0	0.49044689
86	23	0	0.841	2.253	0	0	0	0.22040071	11.76	0.496562796	0	0.4965628
86	24	0	1.188	2.300885	0	0	0	0.23067834	11.76	0.53076427	0	0.53076427
87	1	0	1.431	2.094116	0	0	0	0.24242321	11.76	0.507662259	0	0.50766226
87	2	0	1.76	2.305904	0	0	0	0.23544898	11.76	0.542922787	0	0.54292279
87	3	0	1.889	2.357429	0	0	0	0.23009751	11.76	0.542438488	0	0.54243849
87	4	0	1.933	2.486651	0	0	0	0.23215137	11.76	0.577279479	0	0.57727948
87	5	0	1.979	2.580659	0	0	0	0.22187289	11.76	0.572578305	0	0.57257831
87	6	0	1.896	2.884058	0	0	0	0.2003656	11.76	0.577865928	0	0.57786593
87	7	0	1.881	3.127604	0	0	0	0.18383471	11.76	0.574962187	0	0.57496219
87	8	0	0.978	2.577343	0	0	0	0.13163133	11.76	0.339259012	0	0.33925901
87	9	0	0.389	1.810514	0	0	0	0.12057448	11.76	0.218301742	0	0.21830174
87	10	0	0.096	1.516332	0	0	0	0.11258066	11.76	0.170709658	0	0.17070966
87	11	0	0	1.377327	0	0	0	0.11779017	11.76	0.162235613	0	0.16223561
87	12	0	0	1.329866	0	0	0	0.11259963	11.76	0.149742468	0	0.14974247
87	13	0	0	1.28018	0	0	0	0.11377389	11.76	0.145651042	0	0.14565104
87	14	0	0	1.206062	0	0	0	0.11909056	11.76	0.143630619	0	0.14363062
87	15	0	0	1.258726	0	0	0	0.11765011	11.76	0.148089231	0	0.14808923
87	16	0	0	1.29844	0	0	0	0.13651826	11.76	0.177260739	0	0.17726074
87	17	0	0	1.541949	0	0	0	0.19114131	11.76	0.294730156	0	0.29473016
87	18	0	0	1.907422	0	0	0	0.20094895	11.76	0.383294539	0	0.38329454
87	19	0	0	1.996834	0	0	0	0.19050741	11.76	0.380411729	0	0.38041173
87	20	0	0.096	2.239975	0	0	0	0.19401544	11.76	0.434589733	0	0.43458973
87	21	0	0.096	2.183969	0	0	0	0.20020658	11.76	0.437244871	0	0.43724487
87	22	0	0.096	1.929728	0	0	0	0.20319058	11.76	0.392102628	0	0.39210263
87	23	0	0.096	1.507	0	0	0	0.22040071	11.76	0.332143858	0	0.33214386
87	24	0	0.515	1.627885	0	0	0	0.23067834	11.76	0.375517724	0	0.37551772
88	1	0	0.965	1.628116	0	0	0	0.24242321	11.76	0.394693023	0	0.39469302
88	2	0	1.283	1.828904	0	0	0	0.23544898	11.76	0.430613623	0	0.43061362
88	3	0	1.454	1.921429	0	0	0	0.23009751	11.76	0.44211595	0	0.44211595
88	4	0	1.598	2.151651	0	0	0	0.23215137	11.76	0.499508761	0	0.49950876
88	5	0	1.776	2.377659	0	0	0	0.22187289	11.76	0.527538093	0	0.52753809
88	6	0	1.635	2.623058	0	0	0	0.2003656	11.76	0.525570521	0	0.52557052
88	7	0	1.545	2.791604	0	0	0	0.18383471	11.76	0.513193686	0	0.51319369
88	8	0	1.364	2.963342	0	0	0	0.13163133	11.76	0.390068693	0	0.39006869
88	9	0	1.265	2.686514	0	0	0	0.12057448	11.76	0.323924994	0	0.32392499
88	10	0	0.632	2.052332	0	0	0	0.11258066	11.76	0.231052879	0	0.23105288
88	11	0	0.293	1.624327	0	0	0	0.11779017	11.76	0.191329795	0	0.1913298
88	12	0	0.096	1.380866	0	0	0	0.11259963	11.76	0.155485049	0	0.15548505
88	13	0	0.096	1.33218	0	0	0	0.11377389	11.76	0.15156729	0	0.15156729
88	14	0	0.096	1.259062	0	0	0	0.11909056	11.76	0.149942415	0	0.14994242
88	15	0	0.096	1.312726	0	0	0	0.11765011	11.76	0.154442339	0	0.15444234
88	16	0	0.096	1.35244	0	0	0	0.13651826	11.76	0.184632728	0	0.18463273
88	17	0	0.096	1.595949	0	0	0	0.19114131	11.76	0.305051791	0	0.30505179
88	18	0	0.096	1.960423	0	0	0	0.20094895	11.76	0.393944852	0	0.39394485
88	19	0	0.096	2.050834	0	0	0	0.19050741	11.76	0.39069911	0	0.39069911

88	20	0	0.176	2.322975	0	0	0	0.19401544	11.76	0.45069305	0	0.45069305
88	21	0	0.535	2.625969	0	0	0	0.20020658	11.76	0.525736209	0	0.52573621
88	22	0	0.84	2.675728	0	0	0	0.20319058	11.76	0.543682786	0	0.54368279
88	23	0	1.281	2.693	0	0	0	0.22040071	11.76	0.59353912	0	0.59353912
88	24	0	1.57	2.682885	0	0	0	0.23067834	11.76	0.618883389	0	0.61888339
89	1	0	1.748	2.411116	0	0	0	0.24242321	11.76	0.584510395	0	0.5845104
89	2	0	1.834	2.379904	0	0	0	0.23544898	11.76	0.56034604	0	0.56034604
89	3	0	1.929	2.397429	0	0	0	0.23009751	11.76	0.55164238	0	0.55164238
89	4	0	1.909	2.462651	0	0	0	0.23215137	11.76	0.571707807	0	0.57170781
89	5	0	1.906	2.507659	0	0	0	0.22187289	11.76	0.556381595	0	0.55638159
89	6	0	1.89	2.878057	0	0	0	0.2003656	11.76	0.576663725	0	0.57666373
89	7	0	1.607	2.853604	0	0	0	0.18383471	11.76	0.524591445	0	0.52459144
89	8	0	0.892	2.491343	0	0	0	0.13163133	11.76	0.327938722	0	0.32793872
89	9	0	0.47	1.891514	0	0	0	0.12057448	11.76	0.228068272	0	0.22806827
89	10	0	0.096	1.516332	0	0	0	0.11258066	11.76	0.170709658	0	0.17070966
89	11	0	0.096	1.427327	0	0	0	0.11779017	11.76	0.16812513	0	0.16812513
89	12	0	0.096	1.379866	0	0	0	0.11259963	11.76	0.155372458	0	0.15537246
89	13	0	0	1.28218	0	0	0	0.11377389	11.76	0.1458786	0	0.1458786
89	14	0	0	1.208062	0	0	0	0.11909056	11.76	0.143868797	0	0.1438688
89	15	0	0	1.260726	0	0	0	0.11765011	11.76	0.148324528	0	0.14832453
89	16	0	0	1.30144	0	0	0	0.13651826	11.76	0.177670297	0	0.1776703
89	17	0	0	1.544949	0	0	0	0.19114131	11.76	0.295303584	0	0.29530358
89	18	0	0	1.909422	0	0	0	0.20094895	11.76	0.383696432	0	0.38369643
89	19	0	0.096	2.049834	0	0	0	0.19050741	11.76	0.390508617	0	0.39050862
89	20	0	0.096	2.241975	0	0	0	0.19401544	11.76	0.434977782	0	0.43497778
89	21	0	0.096	2.185969	0	0	0	0.20020658	11.76	0.437645303	0	0.4376453
89	22	0	0.096	1.930728	0	0	0	0.20319058	11.76	0.392305828	0	0.39230583
89	23	0	0.302	1.714	0	0	0	0.22040071	11.76	0.377766808	0	0.37776681
89	24	0	0.682	1.794885	0	0	0	0.23067834	11.76	0.41404102	0	0.41404102
90	1	0	0.88	1.543116	0	0	0	0.24242321	11.76	0.374087041	0	0.37408704
90	2	0	1.106	1.651904	0	0	0	0.23544898	11.76	0.388939198	0	0.3889392
90	3	0	1.188	1.655429	0	0	0	0.23009751	11.76	0.380910005	0	0.38091001
90	4	0	1.367	1.919651	0	0	0	0.23215137	11.76	0.445649617	0	0.44564962
90	5	0	1.247	1.848659	0	0	0	0.22187289	11.76	0.410167351	0	0.41016735
90	6	0	1.128	2.116058	0	0	0	0.2003656	11.76	0.423985166	0	0.42398517
90	7	0	0.969	2.215604	0	0	0	0.18383471	11.76	0.407304895	0	0.4073049
90	8	0	0.789	2.388342	0	0	0	0.13163133	11.76	0.314380674	0	0.31438067
90	9	0	0.662	2.083514	0	0	0	0.12057448	11.76	0.251218591	0	0.25121859
90	10	0	0.549	1.969332	0	0	0	0.11258066	11.76	0.22170869	0	0.22170869
90	11	0	0.36	1.691327	0	0	0	0.11779017	11.76	0.199221726	0	0.19922173
90	12	0	0.224	1.508866	0	0	0	0.11259963	11.76	0.169897805	0	0.1698978
90	13	0	0.261	1.49718	0	0	0	0.11377389	11.76	0.170339991	0	0.17033999
90	14	0	0.198	1.362062	0	0	0	0.11909056	11.76	0.162208748	0	0.16220875
90	15	0	0.219	1.435726	0	0	0	0.11765011	11.76	0.168913292	0	0.16891329
90	16	0	0.248	1.50544	0	0	0	0.13651826	11.76	0.205520022	0	0.20552002
90	17	0	0.337	1.837949	0	0	0	0.19114131	11.76	0.351307985	0	0.35130798
90	18	0	0.331	2.196423	0	0	0	0.20094895	11.76	0.441368818	0	0.44136882
90	19	0	0.39	2.345834	0	0	0	0.19050741	11.76	0.446898811	0	0.44689881
90	20	0	0.452	2.599975	0	0	0	0.19401544	11.76	0.504435318	0	0.50443532
90	21	0	0.512	2.602969	0	0	0	0.20020658	11.76	0.521131457	0	0.52113146
90	22	0	0.618	2.453728	0	0	0	0.20319058	11.76	0.498574501	0	0.4985745
90	23	0	0.742	2.154	0	0	0	0.22040071	11.76	0.474743131	0	0.47474313
90	24	0	0.909	2.021885	0	0	0	0.23067834	11.76	0.466405003	0	0.466405
91	1	0	1.015	1.671116	0	0	0	0.15727367	11.76	0.262822481	0	0.26282248
91	2	0	1.17	1.712904	0	0	0	0.1533511	11.76	0.262675739	0	0.26267574
91	3	0	1.213	1.680429	0	0	0	0.14798104	11.76	0.248671585	0	0.24867159
91	4	0	1.324	1.877651	0	0	0	0.15471144	11.76	0.290494106	0	0.29049411
91	5	0	1.209	1.810659	0	0	0	0.14950312	11.76	0.270699195	0	0.27069919
91	6	0	0.966	1.947057	0	0	0	0.12989668	11.76	0.252916296	0	0.2529163
91	7	0	0.768	2.001604	0	0	0	0.10970012	11.76	0.219576209	0	0.21957621
91	8	0	0.303	1.871342	0	0	0	0.09762865	11.76	0.182696629	0	0.18269663
91	9	0	0	1.442514	0	0	0	0.09909825	11.76	0.142950565	0	0.14295056
91	10	0	0	1.440332	0	0	0	0.09402257	11.76	0.135423726	0	0.13542373
91	11	0	0	1.350327	0	0	0	0.09359499	11.76	0.126383878	0	0.12638388
91	12	0	0	1.304866	0	0	0	0.09517111	11.76	0.124185588	0	0.12418559
91	13	0	0	1.25818	0	0	0	0.09624971	11.76	0.121099445	0	0.12109944
91	14	0	0	1.140062	0	0	0	0.09566258	11.76	0.109061278	0	0.10906128
91	15	1.23	0	2.424726	0	0	0	0.09879777	11.76	0.239557493	0	0.23955749
91	16	1.562	0	2.79944	0	0	0	0.10144704	11.76	0.283994884	0	0.28399488
91	17	1.601	0	3.078949	0	0	0	0.12732347	11.76	0.392022481	0	0.39202248
91	18	1.4	0	3.239422	0	0	0	0.14025277	11.76	0.454337947	0	0.45433795
91	19	0	0	1.924834	0	0	0	0.14329478	11.76	0.275818695	0	0.2758187
91	20	0	0	2.115975	0	0	0	0.14256796	11.76	0.30167026	0	0.30167026
91	21	0	0	2.060969	0	0	0	0.14403424	11.76	0.296850055	0	0.29685006
91	22	0	0	1.808728	0	0	0	0.14018513	11.76	0.253556832	0	0.25355683
91	23	0	0	1.388	0	0	0	0.14302383	11.76	0.198517084	0	0.19851708
91	24	0	0	1.137885	0	0	0	0.15076986	11.76	0.171558707	0	0.17155871
92	1	0	0	0.627116	0	0	0	0.15727367	11.76	0.09862877	0	0.09862877
92	2	0	0	0.514904	0	0	0	0.1533511	11.76	0.078961124	0	0.07896112
92	3	0	0	0.510429	0	0	0	0.14798104	11.76	0.075533763	0	0.07553376
92	4	0	0	0.596651	0	0	0	0.15471144	11.76	0.092308748	0	0.09230875
92	5	0	0	0.785659	0	0	0	0.14950312	11.76	0.117458492	0	0.11745849
92	6	0	0	1.166058	0	0	0	0.12989668	11.76	0.151467005	0	0.151467
92	7	0	0	1.700604	0	0	0	0.10970012	11.76	0.18655646	0	0.18655646
92	8	0	0	1.472342	0	0	0	0.09762865	11.76	0.143742794	0	0.14374279
92	9	0	0	1.455514	0	0	0	0.09909825	11.76	0.144238843	0	0.14423884
92	10	0	0	1.424332	0	0	0	0.09402257	11.76	0.133919362	0	0.13391936
92	11	0	0	1.293327	0	0	0	0.09359499	11.76	0.12104896	0	0.12104896
92	12	0	0	1.201867	0	0	0	0.09517111	11.76	0.11438297	0	0.11438297
92	13	0	0	1.15518	0	0	0	0.09624971	11.76	0.111185732	0	0.11118573
92	14	0	0	1.085062	0	0	0	0.09566258	11.76	0.103799841	0	0.10379984
92	15	0	0	1.168726	0	0	0	0.09879777	11.76	0.115467493	0	0.11546749
92	16	0	0	1.29544	0	0	0	0.10144704	11.76	0.131418521	0	0.13141852
92	17	0	0	1.564949	0	0	0	0.12732347	11.76	0.199254749	0	0.19925475
92	18	0	0	1.926422	0	0	0	0.14025277	11.76	0.270186085	0	0.27018608
92	19	0	0	1.983834	0	0	0	0.14329478	11.76	0.284273089	0	0.28427309
92	20	0	0	2.060975	0	0	0	0.14256796	11.76	0.293829012	0	0.29382901
92	21	0	0	2.005969	0	0	0	0.14403424	11.76	0.288928162	0	0.28892816
92	22	0	0	1.799728	0	0	0	0.14018513	11.76	0.252295157	0	0.25229516
92	23	0	0	1.379	0	0	0	0.14302383	11.76	0.197229877	0	0.19722988
92	24	0	0	0.914885	0	0	0	0.15076986	11.76	0.137937039	0	0.13793704
93	1	0	0	0.630116	0	0	0	0.15727367	11.76	0.099100594	0	0.09910059
93	2	0	0	0.516904	0	0	0	0.1533511	11.76	0.079267831	0	0.07926783
93	3	0	0	0.513429	0	0	0	0.14798104	11.76	0.0759777	0	0.0759777
93	4	0	0	0.598651	0	0	0	0.15471144	11.76	0.092618176	0	0.09261818
93	5	0	0.201	0.942659	0	0	0	0.14950312	11.76	0.140930482	0	0.14093048
93	6	0	0.297	1.419058	0	0	0	0.12989668	11.76	0.184330866	0	0.18433087
93	7	0	0.387	2.043604	0	0	0	0.10970012	11.76	0.224183594	0	0.22418359
93	8	0	0.452	1.879342	0	0	0	0.09762865	11.76	0.18347766	0	0.18347766
93	9	0	0.485	1.895514	0	0	0	0.09909825	11.76	0.187842077	0	0.18784208
93	10	0	0.498	1.878332	0	0	0	0.09402257	11.76	0.17660561	0	0.17660561

93	11	0	0.483	1.733327	0	0	0	0.09359499	11.76	0.162230761	0	0.16223076
93	12	0	0.405	1.610867	0	0	0	0.09517111	11.76	0.153307958	0	0.15330796
93	13	0	0.303	1.46318	0	0	0	0.09624971	11.76	0.140830639	0	0.14083064
93	14	0	0.296	1.386062	0	0	0	0.09566258	11.76	0.132594277	0	0.13259428
93	15	0	0.269	1.441726	0	0	0	0.09879777	11.76	0.142439283	0	0.14243928
93	16	0	0.266	1.56644	0	0	0	0.10144704	11.76	0.158910683	0	0.15891068
93	17	0	0.245	1.813949	0	0	0	0.12732347	11.76	0.230958303	0	0.2309583
93	18	0	0.288	2.218422	0	0	0	0.14025277	11.76	0.311139884	0	0.31113988
93	19	0	0.338	2.325834	0	0	0	0.14329478	11.76	0.333279904	0	0.3332799
93	20	0	0.409	2.473975	0	0	0	0.14256796	11.76	0.352709595	0	0.35270959
93	21	0	0.535	2.544969	0	0	0	0.14403424	11.76	0.366562623	0	0.36656262
93	22	0	0.7	2.457728	0	0	0	0.14018513	11.76	0.34453697	0	0.34453697
93	23	0	0.814	2.151	0	0	0	0.14302383	11.76	0.307644271	0	0.30764427
93	24	0	0.952	1.822885	0	0	0	0.15076986	11.76	0.274836073	0	0.27483607
94	1	0	0.915	1.501116	0	0	0	0.15727367	11.76	0.236085965	0	0.23608596
94	2	0	1.03	1.501904	0	0	0	0.1533511	11.76	0.230318663	0	0.23031866
94	3	0	1.033	1.500429	0	0	0	0.14798104	11.76	0.222034989	0	0.22203499
94	4	0	1.02	1.572651	0	0	0	0.15471144	11.76	0.243307125	0	0.24330712
94	5	0	0.958	1.699659	0	0	0	0.14950312	11.76	0.25410434	0	0.25410434
94	6	0	0.918	2.040058	0	0	0	0.12989668	11.76	0.264996709	0	0.26499671
94	7	0	0.823	2.479604	0	0	0	0.10970012	11.76	0.272012859	0	0.27201286
94	8	0	0.7	2.127342	0	0	0	0.09762865	11.76	0.207689567	0	0.20768957
94	9	0	0.257	1.667514	0	0	0	0.09909825	11.76	0.165247672	0	0.16524767
94	10	0	0	1.426332	0	0	0	0.09402257	11.76	0.134107405	0	0.1341074
94	11	0	0	1.295327	0	0	0	0.09359499	11.76	0.121236158	0	0.12123616
94	12	0	0	1.250866	0	0	0	0.09517111	11.76	0.119046346	0	0.11904635
94	13	0	0	1.20418	0	0	0	0.09624971	11.76	0.115901959	0	0.11590196
94	14	0	0	1.087062	0	0	0	0.09566258	11.76	0.103991164	0	0.10399116
94	15	0	0	1.169726	0	0	0	0.09879777	11.76	0.115566295	0	0.1155663
94	16	0	0	1.29644	0	0	0	0.10144704	11.76	0.131519973	0	0.13151997
94	17	0	0	1.565949	0	0	0	0.12732347	11.76	0.199382078	0	0.19938208
94	18	0	0	1.927423	0	0	0	0.14025277	11.76	0.270326344	0	0.27032634
94	19	0	0	1.984834	0	0	0	0.14329478	11.76	0.284416373	0	0.28441637
94	20	0	0	2.107975	0	0	0	0.14256796	11.76	0.300529697	0	0.3005297
94	21	0	0.096	2.102969	0	0	0	0.14403424	11.76	0.302899501	0	0.3028995
94	22	0	0.096	1.851728	0	0	0	0.14018513	11.76	0.25958479	0	0.25958479
94	23	0	0.096	1.431	0	0	0	0.14302383	11.76	0.204667106	0	0.20466711
94	24	0	0.096	0.965885	0	0	0	0.15076986	11.76	0.145626301	0	0.1456263
95	1	0	0.29	0.876116	0	0	0	0.15727367	11.76	0.137789915	0	0.13778991
95	2	0	0.44	0.911904	0	0	0	0.1533511	11.76	0.139841511	0	0.13984151
95	3	0	0.574	1.041429	0	0	0	0.14798104	11.76	0.154111695	0	0.1541117
95	4	0	0.651	1.203651	0	0	0	0.15471144	11.76	0.18621861	0	0.18621861
95	5	0	0.691	1.432659	0	0	0	0.14950312	11.76	0.214187012	0	0.21418701
95	6	0	0.76	1.882058	0	0	0	0.12989668	11.76	0.24447302	0	0.24447302
95	7	0	0.62	2.276604	0	0	0	0.10970012	11.76	0.249743727	0	0.24974373
95	8	0	0.411	1.838342	0	0	0	0.09762865	11.76	0.179474884	0	0.17947488
95	9	0	0	1.456514	0	0	0	0.09909825	11.76	0.144337946	0	0.14433795
95	10	0	0	1.426332	0	0	0	0.09402257	11.76	0.134107405	0	0.1341074
95	11	0	0	1.295327	0	0	0	0.09359499	11.76	0.121236158	0	0.12123616
95	12	0	0	1.250866	0	0	0	0.09517111	11.76	0.119046346	0	0.11904635
95	13	0	0	1.20418	0	0	0	0.09624971	11.76	0.115901959	0	0.11590196
95	14	0	0	1.133062	0	0	0	0.09566258	11.76	0.108391643	0	0.10839164
95	15	0	0	1.216726	0	0	0	0.09879777	11.76	0.120209783	0	0.12020978
95	16	0	0	1.34444	0	0	0	0.10144704	11.76	0.136389428	0	0.13638943
95	17	0	0	1.612949	0	0	0	0.12732347	11.76	0.205366272	0	0.20536627
95	18	0	0	1.974422	0	0	0	0.14025277	11.76	0.276918214	0	0.27691821
95	19	0	0.096	2.082834	0	0	0	0.14329478	11.76	0.298459269	0	0.29845927
95	20	0	0.096	2.159975	0	0	0	0.14256796	11.76	0.307943237	0	0.30794324
95	21	0	0.096	2.105968	0	0	0	0.14403424	11.76	0.303331573	0	0.30333157
95	22	0	0.29	2.047729	0	0	0	0.14018513	11.76	0.287061089	0	0.28706109
95	23	0	0.619	1.956	0	0	0	0.14302383	11.76	0.279754616	0	0.27975462
95	24	0	0.899	1.769885	0	0	0	0.15076986	11.76	0.266845274	0	0.26684527
96	1	0	1.1	1.686116	0	0	0	0.15727367	11.76	0.265181584	0	0.26518158
96	2	0	1.105	1.576904	0	0	0	0.1533511	11.76	0.241820003	0	0.24182
96	3	0	1.139	1.606429	0	0	0	0.14798104	11.76	0.237720989	0	0.23772099
96	4	0	1.126	1.678651	0	0	0	0.15471144	11.76	0.259706529	0	0.25970653
96	5	0	1.098	1.839659	0	0	0	0.14950312	11.76	0.275034792	0	0.27503479
96	6	0	1.069	2.191058	0	0	0	0.12989668	11.76	0.28461111	0	0.28461111
96	7	0	1.034	2.690604	0	0	0	0.10970012	11.76	0.295159581	0	0.29515958
96	8	0	0.397	1.824342	0	0	0	0.09762865	11.76	0.178108078	0	0.17810808
96	9	0	0	1.456514	0	0	0	0.09909825	11.76	0.144337946	0	0.14433795
96	10	0	0	1.426332	0	0	0	0.09402257	11.76	0.134107405	0	0.1341074
96	11	0	0	1.295327	0	0	0	0.09359499	11.76	0.121236158	0	0.12123616
96	12	0	0	1.250866	0	0	0	0.09517111	11.76	0.119046346	0	0.11904635
96	13	0	0	1.20418	0	0	0	0.09624971	11.76	0.115901959	0	0.11590196
96	14	0	0	1.133062	0	0	0	0.09566258	11.76	0.108391643	0	0.10839164
96	15	0	0	1.215726	0	0	0	0.09879777	11.76	0.120110993	0	0.12011099
96	16	0	0	1.34244	0	0	0	0.10144704	11.76	0.136186537	0	0.13618654
96	17	0	0	1.610949	0	0	0	0.12732347	11.76	0.205111629	0	0.20511163
96	18	0	0	1.971422	0	0	0	0.14025277	11.76	0.276497453	0	0.27649745
96	19	0	0	2.029834	0	0	0	0.14329478	11.76	0.290864649	0	0.29086465
96	20	0	0	2.106975	0	0	0	0.14256796	11.76	0.300387139	0	0.30038714
96	21	0	0	2.052969	0	0	0	0.14403424	11.76	0.295697762	0	0.29569776
96	22	0	0.096	1.851728	0	0	0	0.14018513	11.76	0.25958479	0	0.25958479
96	23	0	0.096	1.431	0	0	0	0.14302383	11.76	0.204667106	0	0.20466711
96	24	0	0.096	0.965885	0	0	0	0.15076986	11.76	0.145626301	0	0.1456263
97	1	0	0.327	0.913116	0	0	0	0.15727367	11.76	0.14360904	0	0.14360904
97	2	0	0.589	1.060904	0	0	0	0.1533511	11.76	0.162690832	0	0.16269083
97	3	0	0.859	1.326429	0	0	0	0.14798104	11.76	0.196286285	0	0.19628629
97	4	0	1.134	1.686651	0	0	0	0.15471144	11.76	0.260944242	0	0.26094424
97	5	0	1.067	1.808659	0	0	0	0.14950312	11.76	0.270400193	0	0.27040019
97	6	0	1.105	2.227057	0	0	0	0.12989668	11.76	0.289287361	0	0.28928736
97	7	0	0.685	2.341604	0	0	0	0.10970012	11.76	0.256874241	0	0.25687424
97	8	0	0.206	1.633342	0	0	0	0.09762865	11.76	0.159461007	0	0.15946101
97	9	0	0	1.456514	0	0	0	0.09909825	11.76	0.144337946	0	0.14433795
97	10	0	0	1.425332	0	0	0	0.09402257	11.76	0.134013389	0	0.13401339
97	11	0	0	1.294327	0	0	0	0.09359499	11.76	0.121142559	0	0.12114256
97	12	0	0	1.249866	0	0	0	0.09517111	11.76	0.118951182	0	0.11895118
97	13	0	0	1.20318	0	0	0	0.09624971	11.76	0.115805716	0	0.11580572
97	14	0	0	1.132062	0	0	0	0.09566258	11.76	0.108295987	0	0.10829599
97	15	0	0	1.214726	0	0	0	0.09879777	11.76	0.12001219	0	0.12001219
97	16	0	0	1.34144	0	0	0	0.10144704	11.76	0.136085085	0	0.13608509
97	17	0	0	1.609949	0	0	0	0.12732347	11.76	0.204984315	0	0.20498431
97	18	0	0	1.970422	0	0	0	0.14025277	11.76	0.276357194	0	0.27635719
97	19	0	0	2.028834	0	0	0	0.14329478	11.76	0.290721365	0	0.29072136
97	20	0	0	2.105975	0	0	0	0.14256796	11.76	0.300244581	0	0.30024458
97	21	0	0.096	2.101969	0	0	0	0.14403424	11.76	0.302755443	0	0.30275544
97	22	0	0.096	1.850728	0	0	0	0.14018513	11.76	0.259444598	0	0.2594446
97	23	0	0.096	1.43	0	0	0	0.14302383	11.76	0.204524093	0	0.20452409
97	24	0	0.096	0.965885	0	0	0	0.15076986	11.76	0.145626301	0	0.1456263
98	1	0	0.35	0.936116	0	0	0	0.15727367	11.76	0.147226335	0	0.14722633

98	2	0	0.64	1.111904	0	0	0	0.1533511	11.76	0.17051172	0	0.17051172
98	3	0	0.922	1.389429	0	0	0	0.14798104	11.76	0.205609085	0	0.20560909
98	4	0	1.192	1.744651	0	0	0	0.15471144	11.76	0.269917482	0	0.26991748
98	5	0	1.101	1.842659	0	0	0	0.14950312	11.76	0.275483304	0	0.2754833
98	6	0	1.186	2.308058	0	0	0	0.12989668	11.76	0.299809004	0	0.299809
98	7	0	1.201	2.857604	0	0	0	0.10970012	11.76	0.313479507	0	0.31347951
98	8	0	0.521	1.948342	0	0	0	0.09762865	11.76	0.190214037	0	0.19021404
98	9	0	0.378	1.788514	0	0	0	0.09909825	11.76	0.177238565	0	0.17723856
98	10	0	0	1.426332	0	0	0	0.09402257	11.76	0.134107405	0	0.1341074
98	11	0	0	1.295327	0	0	0	0.09359499	11.76	0.121236158	0	0.12123616
98	12	0	0	1.250866	0	0	0	0.09517111	11.76	0.119046346	0	0.11904635
98	13	0	0	1.20518	0	0	0	0.09624971	11.76	0.115998213	0	0.11599821
98	14	0	0	1.134062	0	0	0	0.09566258	11.76	0.10848731	0	0.10848731
98	15	0	0	1.216726	0	0	0	0.09879777	11.76	0.120209783	0	0.12020978
98	16	0	0	1.34444	0	0	0	0.10144704	11.76	0.136389428	0	0.13638943
98	17	0	0	1.612949	0	0	0	0.12732347	11.76	0.205366272	0	0.20536627
98	18	0	0	1.974422	0	0	0	0.14025277	11.76	0.276918214	0	0.27691821
98	19	0	0.096	2.081834	0	0	0	0.14329478	11.76	0.298315984	0	0.29831598
98	20	0	0.096	2.158975	0	0	0	0.14256796	11.76	0.307800679	0	0.30780068
98	21	0	0.096	2.104969	0	0	0	0.14403424	11.76	0.303187549	0	0.30318755
98	22	0	0.328	2.085728	0	0	0	0.14018513	11.76	0.292388105	0	0.29238811
98	23	0	0.863	2.2	0	0	0	0.14302383	11.76	0.314652443	0	0.31465244
98	24	0	1.159	2.029885	0	0	0	0.15076986	11.76	0.306045455	0	0.30604545
99	1	0	1.365	1.951116	0	0	0	0.15727367	11.76	0.306859103	0	0.3068591
99	2	0	1.52	1.991904	0	0	0	0.1533511	11.76	0.305460702	0	0.3054607
99	3	0	1.594	2.062429	0	0	0	0.14798104	11.76	0.305200336	0	0.30520034
99	4	0	1.668	2.221651	0	0	0	0.15471144	11.76	0.343714839	0	0.34371484
99	5	0	1.546	2.287659	0	0	0	0.14950312	11.76	0.342012183	0	0.34201218
99	6	0	1.361	2.483057	0	0	0	0.12989668	11.76	0.322540916	0	0.32254092
99	7	0	1.268	2.924604	0	0	0	0.10970012	11.76	0.320829405	0	0.32082941
99	8	0	0.572	1.999342	0	0	0	0.09762865	11.76	0.195193098	0	0.1951931
99	9	0	0.293	1.703514	0	0	0	0.09909825	11.76	0.16881521	0	0.16881521
99	10	0	0.102	1.482332	0	0	0	0.09402257	11.76	0.139372668	0	0.13937267
99	11	0	0	1.296327	0	0	0	0.09359499	11.76	0.121329746	0	0.12132975
99	12	0	0	1.251866	0	0	0	0.09517111	11.76	0.119141521	0	0.11914152
99	13	0	0	1.20518	0	0	0	0.09624971	11.76	0.115998213	0	0.11599821
99	14	0	0	1.134062	0	0	0	0.09566258	11.76	0.10848731	0	0.10848731
99	15	0	0	1.216726	0	0	0	0.09879777	11.76	0.120209783	0	0.12020978
99	16	0	0	1.34244	0	0	0	0.10144704	11.76	0.136186537	0	0.13618654
99	17	0	0	1.611949	0	0	0	0.12732347	11.76	0.205238958	0	0.20523896
99	18	0	0	1.971422	0	0	0	0.14025277	11.76	0.276497453	0	0.27649745
99	19	0	0	2.028834	0	0	0	0.14329478	11.76	0.290721365	0	0.29072136
99	20	0	0	2.105975	0	0	0	0.14256796	11.76	0.300244581	0	0.30024458
99	21	0	0	2.051969	0	0	0	0.14403424	11.76	0.295553738	0	0.29555374
99	22	0	0	1.800728	0	0	0	0.14018513	11.76	0.252435348	0	0.25243535
99	23	0	0	1.38	0	0	0	0.14302383	11.76	0.197372891	0	0.19737289
99	24	0	0	0.914885	0	0	0	0.15076986	11.76	0.137937039	0	0.13793704
100	1	0	0	0.631116	0	0	0	0.15727367	11.76	0.099257866	0	0.09925787
100	2	0	0	0.517904	0	0	0	0.1533511	11.76	0.07942118	0	0.07942118
100	3	0	0.183	0.650429	0	0	0	0.14798104	11.76	0.096251106	0	0.09625111
100	4	0	0.353	0.905651	0	0	0	0.15471144	11.76	0.140114585	0	0.14011459
100	5	0	0.545	1.286659	0	0	0	0.14950312	11.76	0.192359553	0	0.19235955
100	6	0	0.607	1.729058	0	0	0	0.12989668	11.76	0.224598829	0	0.22459883
100	7	0	0.608	2.264604	0	0	0	0.10970012	11.76	0.248427316	0	0.24842732
100	8	0	0.648	2.075342	0	0	0	0.09762865	11.76	0.202612873	0	0.20261287
100	9	0	0.594	2.004514	0	0	0	0.09909825	11.76	0.198643794	0	0.19864379
100	10	0	0.562	1.942332	0	0	0	0.09402257	11.76	0.182623056	0	0.18262306
100	11	0	0.408	1.658327	0	0	0	0.09359499	11.76	0.155211143	0	0.15521114
100	12	0	0.162	1.367867	0	0	0	0.09517111	11.76	0.130181376	0	0.13018138
100	13	0	0	1.20618	0	0	0	0.09624971	11.76	0.116094467	0	0.11609447
100	14	0	0	1.136062	0	0	0	0.09566258	11.76	0.108678633	0	0.10867863
100	15	0	0	1.218726	0	0	0	0.09879777	11.76	0.120407376	0	0.12040738
100	16	0	0	1.34544	0	0	0	0.10144704	11.76	0.13649088	0	0.13649088
100	17	0	0	1.613949	0	0	0	0.12732347	11.76	0.205493602	0	0.2054936
100	18	0	0.096	2.024422	0	0	0	0.14025277	11.76	0.283930846	0	0.28393085
100	19	0	0.096	2.082834	0	0	0	0.14329478	11.76	0.298459269	0	0.29845927
100	20	0	0.211	2.274975	0	0	0	0.14256796	11.76	0.324338554	0	0.32433855
100	21	0	0.769	2.778969	0	0	0	0.14403424	11.76	0.400266631	0	0.40026663
100	22	0	1.135	2.892728	0	0	0	0.14018513	11.76	0.405517493	0	0.40551749
100	23	0	1.447	2.784	0	0	0	0.14302383	11.76	0.398178344	0	0.39817834
100	24	0	1.659	2.529885	0	0	0	0.15076986	11.76	0.38143035	0	0.38143035
101	1	0	1.759	2.345116	0	0	0	0.15727367	11.76	0.368824935	0	0.36882494
101	2	0	1.768	2.240904	0	0	0	0.1533511	11.76	0.343645136	0	0.34364514
101	3	0	1.857	2.325429	0	0	0	0.14798104	11.76	0.344119351	0	0.34411935
101	4	0	1.912	2.465651	0	0	0	0.15471144	11.76	0.381464424	0	0.38146442
101	5	0	1.684	2.425659	0	0	0	0.14950312	11.76	0.362643615	0	0.36264362
101	6	0	1.59	2.712058	0	0	0	0.12989668	11.76	0.352287266	0	0.35228727
101	7	0	1.562	3.218604	0	0	0	0.10970012	11.76	0.353081257	0	0.35308126
101	8	0	1.488	2.915342	0	0	0	0.09762865	11.76	0.284620928	0	0.28462093
101	9	0	1.283	2.693514	0	0	0	0.09909825	11.76	0.266922474	0	0.26692247
101	10	0	1.005	2.385332	0	0	0	0.09402257	11.76	0.224275063	0	0.22427506
101	11	0	0.705	1.955327	0	0	0	0.09359499	11.76	0.183008849	0	0.18300885
101	12	0	0	1.251866	0	0	0	0.09517111	11.76	0.119141521	0	0.11914152
101	13	0	0.096	1.25618	0	0	0	0.09624971	11.76	0.120906948	0	0.12090695
101	14	0	0	1.135062	0	0	0	0.09566258	11.76	0.108582966	0	0.10858297
101	15	0	0	1.217726	0	0	0	0.09879777	11.76	0.120308586	0	0.12030859
101	16	0	0	1.34444	0	0	0	0.10144704	11.76	0.136389428	0	0.13638943
101	17	0	0	1.612949	0	0	0	0.12732347	11.76	0.205366272	0	0.20536627
101	18	0	0.096	2.023422	0	0	0	0.14025277	11.76	0.283790603	0	0.2837906
101	19	0	0.096	2.080834	0	0	0	0.14329478	11.76	0.298172666	0	0.29817267
101	20	0	0.096	2.158975	0	0	0	0.14256796	11.76	0.307800679	0	0.30780068
101	21	0	0.096	2.104969	0	0	0	0.14403424	11.76	0.303187549	0	0.30318755
101	22	0	0.096	1.852728	0	0	0	0.14018513	11.76	0.259724965	0	0.25972496
101	23	0	0.605	1.942	0	0	0	0.14302383	11.76	0.277752291	0	0.27775229
101	24	0	1.085	1.955885	0	0	0	0.15076986	11.76	0.294888467	0	0.29488847
102	1	0	1.284	1.870116	0	0	0	0.15727367	11.76	0.294119941	0	0.29411994
102	2	0	1.531	2.002904	0	0	0	0.1533511	11.76	0.307147552	0	0.30714755
102	3	0	1.594	2.062429	0	0	0	0.14798104	11.76	0.305200336	0	0.30520034
102	4	0	1.677	2.230651	0	0	0	0.15471144	11.76	0.345107252	0	0.34510725
102	5	0	1.752	2.493659	0	0	0	0.14950312	11.76	0.372809803	0	0.3728098
102	6	0	1.762	2.884058	0	0	0	0.12989668	11.76	0.374629486	0	0.37462949
102	7	0	1.394	3.050604	0	0	0	0.10970012	11.76	0.334651612	0	0.33465161
102	8	0	0.687	2.114342	0	0	0	0.09762865	11.76	0.206420393	0	0.20642039
102	9	0	0.201	1.611514	0	0	0	0.09909825	11.76	0.159698171	0	0.15969817
102	10	0	0.096	1.476332	0	0	0	0.09402257	11.76	0.13880854	0	0.13880854
102	11	0	0	1.295327	0	0	0	0.09359499	11.76	0.121236158	0	0.12123616
102	12	0	0	1.250866	0	0	0	0.09517111	11.76	0.119046346	0	0.11904635
102	13	0	0	1.20418	0	0	0	0.09624971	11.76	0.115901959	0	0.11590196
102	14	0	0	1.132062	0	0	0	0.09566258	11.76	0.108295987	0	0.10829599
102	15	0	0	1.215726	0	0	0	0.09879777	11.76	0.120110993	0	0.12011099
102	16	0	0	1.34144	0	0	0	0.10144704	11.76	0.136085085	0	0.13608509

102	17	0	0	1.562949	0	0	0	0.12732347	11.76	0.199000105	0	0.1990001
102	18	0	0	1.923422	0	0	0	0.14025277	11.76	0.269765323	0	0.26976532
102	19	0	0	2.027834	0	0	0	0.14329478	11.76	0.290578046	0	0.29057805
102	20	0	0	2.104975	0	0	0	0.14256796	11.76	0.30010199	0	0.30010199
102	21	0	0	2.050969	0	0	0	0.14403424	11.76	0.295409714	0	0.29540971
102	22	0	0	1.798728	0	0	0	0.14018513	11.76	0.252154982	0	0.25215498
102	23	0	0.096	1.429	0	0	0	0.14302383	11.76	0.204381062	0	0.20438106
102	24	0	0.096	0.963885	0	0	0	0.15076986	11.76	0.145324766	0	0.14532477
103	1	0	0.096	0.680116	0	0	0	0.15727367	11.76	0.106964279	0	0.10696428
103	2	0	0.096	0.566904	0	0	0	0.1533511	11.76	0.086935379	0	0.08693538
103	3	0	0.096	0.563429	0	0	0	0.14798104	11.76	0.083376754	0	0.08337675
103	4	0	0.327	0.879651	0	0	0	0.15471144	11.76	0.136092094	0	0.13609209
103	5	0	0.536	1.277659	0	0	0	0.14950312	11.76	0.191014033	0	0.19101403
103	6	0	0.681	1.803058	0	0	0	0.12989668	11.76	0.234211183	0	0.23421118
103	7	0	0.435	2.091604	0	0	0	0.10970012	11.76	0.229449211	0	0.22944921
103	8	0	0.127	1.554342	0	0	0	0.09762865	11.76	0.151748345	0	0.15174834
103	9	0	0	1.456514	0	0	0	0.09909825	11.76	0.144337946	0	0.14433795
103	10	0	0	1.425332	0	0	0	0.09402257	11.76	0.134013389	0	0.13401339
103	11	0	0	1.294327	0	0	0	0.09359499	11.76	0.121142559	0	0.12114256
103	12	0	0	1.248866	0	0	0	0.09517111	11.76	0.118856006	0	0.11885601
103	13	0	0	1.20218	0	0	0	0.09624971	11.76	0.115709462	0	0.11570946
103	14	0	0	1.084062	0	0	0	0.09566258	11.76	0.103704174	0	0.10370417
103	15	0	0	1.166726	0	0	0	0.09879777	11.76	0.1152699	0	0.1152699
103	16	0	0	1.29344	0	0	0	0.10144704	11.76	0.131215642	0	0.13121564
103	17	0	0	1.562949	0	0	0	0.12732347	11.76	0.199000105	0	0.1990001
103	18	0	0	1.924423	0	0	0	0.14025277	11.76	0.269905583	0	0.26990558
103	19	0	0	1.981834	0	0	0	0.14329478	11.76	0.283986503	0	0.2839865
103	20	0	0	2.058975	0	0	0	0.14256796	11.76	0.293543863	0	0.29354386
103	21	0	0	2.050969	0	0	0	0.14403424	11.76	0.295409714	0	0.29540971
103	22	0	0	1.798728	0	0	0	0.14018513	11.76	0.252154982	0	0.25215498
103	23	0	0	1.378	0	0	0	0.14302383	11.76	0.197086847	0	0.19708685
103	24	0	0	0.912885	0	0	0	0.15076986	11.76	0.137635494	0	0.13763549
104	1	0	0.096	0.679116	0	0	0	0.15727367	11.76	0.106806998	0	0.106807
104	2	0	0.096	0.565904	0	0	0	0.1533511	11.76	0.08678203	0	0.08678203
104	3	0	0.096	0.562429	0	0	0	0.14798104	11.76	0.083228774	0	0.08322877
104	4	0	0.096	0.648651	0	0	0	0.15471144	11.76	0.10035375	0	0.10035375
104	5	0	0.152	0.893659	0	0	0	0.14950312	11.76	0.133604826	0	0.13360483
104	6	0	0.353	1.475058	0	0	0	0.12989668	11.76	0.19160508	0	0.19160508
104	7	0	0.379	2.035604	0	0	0	0.10970012	11.76	0.223306005	0	0.223306
104	8	0	0.368	1.795342	0	0	0	0.09762865	11.76	0.175276854	0	0.17527685
104	9	0	0.34	1.750514	0	0	0	0.09909825	11.76	0.173472833	0	0.17347283
104	10	0	0	1.426332	0	0	0	0.09402257	11.76	0.134107405	0	0.1341074
104	11	0	0	1.296327	0	0	0	0.09359499	11.76	0.121329746	0	0.12132975
104	12	0	0	1.250866	0	0	0	0.09517111	11.76	0.119046346	0	0.11904635
104	13	0	0	1.20418	0	0	0	0.09624971	11.76	0.115901959	0	0.11590196
104	14	0	0	1.133062	0	0	0	0.09566258	11.76	0.108391643	0	0.10839164
104	15	0	0	1.215726	0	0	0	0.09879777	11.76	0.120110993	0	0.12011099
104	16	0	0	1.34344	0	0	0	0.10144704	11.76	0.136287989	0	0.13628799
104	17	0	0	1.611949	0	0	0	0.12732347	11.76	0.205238958	0	0.20523896
104	18	0	0	1.973422	0	0	0	0.14025277	11.76	0.276777955	0	0.27677796
104	19	0	0	2.030834	0	0	0	0.14329478	11.76	0.291007934	0	0.29100793
104	20	0	0	2.107975	0	0	0	0.14256796	11.76	0.300529697	0	0.3005297
104	21	0	0	2.053969	0	0	0	0.14403424	11.76	0.29584182	0	0.29584182
104	22	0	0	1.801728	0	0	0	0.14018513	11.76	0.252575523	0	0.25257552
104	23	0	0	1.382	0	0	0	0.14302383	11.76	0.197658935	0	0.19765893
104	24	0	0.166	1.036885	0	0	0	0.15076986	11.76	0.156330959	0	0.15633096
105	1	0	0.459	1.045116	0	0	0	0.15727367	11.76	0.164369159	0	0.16436916
105	2	0	0.691	1.162904	0	0	0	0.1533511	11.76	0.178332644	0	0.17833264
105	3	0	0.674	1.141429	0	0	0	0.14798104	11.76	0.168909802	0	0.1689098
105	4	0	0.791	1.343651	0	0	0	0.15471144	11.76	0.207878191	0	0.20787819
105	5	0	0.769	1.510659	0	0	0	0.14950312	11.76	0.225848248	0	0.22584825
105	6	0	0.784	1.906058	0	0	0	0.12989668	11.76	0.247590546	0	0.24759055
105	7	0	0.601	2.257604	0	0	0	0.10970012	11.76	0.247659419	0	0.24765942
105	8	0	0.345	1.772342	0	0	0	0.09762865	11.76	0.173031395	0	0.1730314
105	9	0	0.277	1.687514	0	0	0	0.09909825	11.76	0.167229635	0	0.16722964
105	10	0	0.12	1.500332	0	0	0	0.09402257	11.76	0.141065087	0	0.14106509
105	11	0	0	1.296327	0	0	0	0.09359499	11.76	0.121329746	0	0.12132975
105	12	0	0	1.251866	0	0	0	0.09517111	11.76	0.119141521	0	0.11914152
105	13	0	0	1.20618	0	0	0	0.09624971	11.76	0.116094467	0	0.11609447
105	14	0	0	1.134062	0	0	0	0.09566258	11.76	0.10848731	0	0.10848731
105	15	0	0	1.217726	0	0	0	0.09879777	11.76	0.120308586	0	0.12030859
105	16	0	0	1.34444	0	0	0	0.10144704	11.76	0.136389428	0	0.13638943
105	17	0	0	1.612949	0	0	0	0.12732347	11.76	0.205366272	0	0.20536627
105	18	0	0	1.974422	0	0	0	0.14025277	11.76	0.276918214	0	0.27691821
105	19	0	0	2.031834	0	0	0	0.14329478	11.76	0.291151218	0	0.29115122
105	20	0	0	2.108975	0	0	0	0.14256796	11.76	0.300672254	0	0.30067225
105	21	0	0	2.054969	0	0	0	0.14403424	11.76	0.295985844	0	0.29598584
105	22	0	0	1.802728	0	0	0	0.14018513	11.76	0.252715715	0	0.25271571
105	23	0	0.199	1.535	0	0	0	0.14302383	11.76	0.219541598	0	0.2195416
105	24	0	0.474	1.344885	0	0	0	0.15076986	11.76	0.202768072	0	0.20276807
106	1	0	0.602	1.188116	0	0	0	0.15727367	11.76	0.186859295	0	0.18685929
106	2	0	0.668	1.139904	0	0	0	0.1533511	11.76	0.174805568	0	0.17480557
106	3	0	0.727	1.194429	0	0	0	0.14798104	11.76	0.176752793	0	0.17675279
106	4	0	0.669	1.221651	0	0	0	0.15471144	11.76	0.189003398	0	0.1890034
106	5	0	0.714	1.455659	0	0	0	0.14950312	11.76	0.217625585	0	0.21762558
106	6	0	0.642	1.764058	0	0	0	0.12989668	11.76	0.229145223	0	0.22914522
106	7	0	0.559	2.215604	0	0	0	0.10970012	11.76	0.243052007	0	0.24305201
106	8	0	0.569	1.996342	0	0	0	0.09762865	11.76	0.19490021	0	0.19490021
106	9	0	0.498	1.908514	0	0	0	0.09909825	11.76	0.189130355	0	0.18913035
106	10	0	0.439	1.819332	0	0	0	0.09402257	11.76	0.171058288	0	0.17105829
106	11	0	0.216	1.466327	0	0	0	0.09359499	11.76	0.137240902	0	0.1372409
106	12	0	0	1.251866	0	0	0	0.09517111	11.76	0.119141521	0	0.11914152
106	13	0	0	1.20618	0	0	0	0.09624971	11.76	0.116094467	0	0.11609447
106	14	0	0	1.135062	0	0	0	0.09566258	11.76	0.108582966	0	0.10858297
106	15	0	0	1.218726	0	0	0	0.09879777	11.76	0.120407376	0	0.12040738
106	16	0	0	1.34544	0	0	0	0.10144704	11.76	0.13649088	0	0.13649088
106	17	0	0	1.613949	0	0	0	0.12732347	11.76	0.205493602	0	0.2054936
106	18	0	0	1.975423	0	0	0	0.14025277	11.76	0.277058474	0	0.27705847
106	19	0	0.096	2.082834	0	0	0	0.14329478	11.76	0.298459269	0	0.29845927
106	20	0	0.096	2.159975	0	0	0	0.14256796	11.76	0.307943237	0	0.30794324
106	21	0	0.195	2.204968	0	0	0	0.14403424	11.76	0.317590959	0	0.31759096
106	22	0	0.499	2.256728	0	0	0	0.14018513	11.76	0.316359763	0	0.31635976
106	23	0	0.7	2.037	0	0	0	0.14302383	11.76	0.291339577	0	0.29133958
106	24	0	0.932	1.802885	0	0	0	0.15076986	11.76	0.271820678	0	0.27182068
107	1	0	1.143	1.729116	0	0	0	0.15727367	11.76	0.271944349	0	0.27194435
107	2	0	1.189	1.660904	0	0	0	0.1533511	11.76	0.254701475	0	0.25470148
107	3	0	1.317	1.784429	0	0	0	0.14798104	11.76	0.264061609	0	0.26406161
107	4	0	1.341	1.893651	0	0	0	0.15471144	11.76	0.292969513	0	0.29296951
107	5	0	1.293	2.034659	0	0	0	0.14950312	11.76	0.30418789	0	0.30418789
107	6	0	1.263	2.385057	0	0	0	0.12989668	11.76	0.309811035	0	0.30981103
107	7	0	1.233	2.889604	0	0	0	0.10970012	11.76	0.316989892	0	0.31698989

107	8	0	1.292	2.719342	0	0	0	0.09762865	11.76	0.265485703	0	0.2654857
107	9	0	0.726	2.136514	0	0	0	0.09909825	11.76	0.211724759	0	0.21172476
107	10	0	0.475	1.855332	0	0	0	0.09402257	11.76	0.174443102	0	0.1744431
107	11	0	0.192	1.442327	0	0	0	0.09359499	11.76	0.134994618	0	0.13499462
107	12	0	0.096	1.301867	0	0	0	0.09517111	11.76	0.123900084	0	0.12390008
107	13	0	0.138	1.29818	0	0	0	0.09624971	11.76	0.124949441	0	0.12494944
107	14	0	0.096	1.186062	0	0	0	0.09566258	11.76	0.113461757	0	0.11346176
107	15	0	0.096	1.268726	0	0	0	0.09879777	11.76	0.125347272	0	0.12534727
107	16	0	0	1.34644	0	0	0	0.10144704	11.76	0.136592332	0	0.13659233
107	17	0	0.096	1.664949	0	0	0	0.12732347	11.76	0.211987099	0	0.2119871
107	18	0	0.096	2.025423	0	0	0	0.14025277	11.76	0.284071122	0	0.28407112
107	19	0	0.372	2.359834	0	0	0	0.14329478	11.76	0.338151915	0	0.33815191
107	20	0	0.636	2.700975	0	0	0	0.14256796	11.76	0.385072522	0	0.38507252
107	21	0	0.991	3.001969	0	0	0	0.14403424	11.76	0.432386274	0	0.43238627
107	22	0	1.21	2.967728	0	0	0	0.14018513	11.76	0.416031385	0	0.41603138
107	23	0	1.431	2.768	0	0	0	0.14302383	11.76	0.395889992	0	0.39588999
107	24	0	1.614	2.484885	0	0	0	0.15076986	11.76	0.374645731	0	0.37464573
108	1	0	1.787	2.373116	0	0	0	0.15727367	11.76	0.373228579	0	0.37322858
108	2	0	1.82	2.292904	0	0	0	0.1533511	11.76	0.351619364	0	0.35161936
108	3	0	1.92	2.388429	0	0	0	0.14798104	11.76	0.35344215	0	0.35344215
108	4	0	2.03	2.583651	0	0	0	0.15471144	11.76	0.399720379	0	0.39972038
108	5	0	1.927	2.668659	0	0	0	0.14950312	11.76	0.398972878	0	0.39897288
108	6	0	1.847	2.969058	0	0	0	0.12989668	11.76	0.385670708	0	0.38567071
108	7	0	1.734	3.390604	0	0	0	0.10970012	11.76	0.37194967	0	0.37194967
108	8	0	1.557	2.984343	0	0	0	0.09762865	11.76	0.291357328	0	0.29135733
108	9	0	1.323	2.733514	0	0	0	0.09909825	11.76	0.270886424	0	0.27088642
108	10	0	0.87	2.250332	0	0	0	0.09402257	11.76	0.211582017	0	0.21158202
108	11	0	0.096	1.346327	0	0	0	0.09359499	11.76	0.126009503	0	0.1260095
108	12	0	0.096	1.301867	0	0	0	0.09517111	11.76	0.123900084	0	0.12390008
108	13	0	0	1.20518	0	0	0	0.09624971	11.76	0.115998213	0	0.11599821
108	14	0	0	1.134062	0	0	0	0.09566258	11.76	0.10848731	0	0.10848731
108	15	0	0.096	1.266726	0	0	0	0.09879777	11.76	0.125149679	0	0.12514968
108	16	0	0.096	1.39344	0	0	0	0.10144704	11.76	0.141360336	0	0.14136034
108	17	0	0.096	1.662949	0	0	0	0.12732347	11.76	0.211732455	0	0.21173246
108	18	0	0.096	2.024422	0	0	0	0.14025277	11.76	0.283930846	0	0.28393085
108	19	0	0.096	2.081834	0	0	0	0.14329478	11.76	0.298315984	0	0.29831598
108	20	0	0.096	2.158975	0	0	0	0.14256796	11.76	0.307800679	0	0.30780068
108	21	0	0.096	2.105968	0	0	0	0.14403424	11.76	0.303331573	0	0.30333157
108	22	0	0.683	2.440728	0	0	0	0.14018513	11.76	0.342153829	0	0.34215383
108	23	0	1.156	2.493	0	0	0	0.14302383	11.76	0.356558424	0	0.35655842
108	24	0	1.396	2.266885	0	0	0	0.15076986	11.76	0.341777911	0	0.34177791
109	1	0	1.672	2.258116	0	0	0	0.15727367	11.76	0.355142143	0	0.35514214
109	2	0	1.73	2.202904	0	0	0	0.1533511	11.76	0.337817778	0	0.33781778
109	3	0	1.866	2.334429	0	0	0	0.14798104	11.76	0.345451189	0	0.34545119
109	4	0	2.045	2.598651	0	0	0	0.15471144	11.76	0.402041067	0	0.40204107
109	5	0	2.08	2.821659	0	0	0	0.14950312	11.76	0.421846837	0	0.42184684
109	6	0	1.901	3.023057	0	0	0	0.12989668	11.76	0.392685116	0	0.39268512
109	7	0	1.177	2.833604	0	0	0	0.10970012	11.76	0.310846685	0	0.31084669
109	8	0	0.486	1.913342	0	0	0	0.09762865	11.76	0.186797038	0	0.18679704
109	9	0	0.096	1.506514	0	0	0	0.09909825	11.76	0.149292853	0	0.14929285
109	10	0	0.096	1.476332	0	0	0	0.09402257	11.76	0.13880854	0	0.13880854
109	11	0	0	1.294327	0	0	0	0.09359499	11.76	0.121142559	0	0.12114256
109	12	0	0	1.249866	0	0	0	0.09517111	11.76	0.118951182	0	0.11895118
109	13	0	0	1.20318	0	0	0	0.09624971	11.76	0.115805716	0	0.11580572
109	14	0	0	1.132062	0	0	0	0.09566258	11.76	0.108295987	0	0.10829599
109	15	0	0	1.214726	0	0	0	0.09879777	11.76	0.12001219	0	0.12001219
109	16	0	0	1.29444	0	0	0	0.10144704	11.76	0.131317081	0	0.13131708
109	17	0	0	1.562949	0	0	0	0.12732347	11.76	0.199000105	0	0.1990001
109	18	0	0	1.923422	0	0	0	0.14025277	11.76	0.269765323	0	0.26976532
109	19	0	0.096	2.077834	0	0	0	0.14329478	11.76	0.297742813	0	0.29774281
109	20	0	0.096	2.154975	0	0	0	0.14256796	11.76	0.307230381	0	0.30723038
109	21	0	0.096	2.100969	0	0	0	0.14403424	11.76	0.302611419	0	0.30261142
109	22	0	0.096	1.849728	0	0	0	0.14018513	11.76	0.259304423	0	0.25930442
109	23	0	0.096	1.429	0	0	0	0.14302383	11.76	0.204381062	0	0.20438106
109	24	0	0.096	0.964885	0	0	0	0.15076986	11.76	0.145475533	0	0.14547553
110	1	0	0.096	0.681116	0	0	0	0.15727367	11.76	0.107121551	0	0.10712155
110	2	0	0.577	1.048904	0	0	0	0.1533511	11.76	0.160850606	0	0.16085061
110	3	0	1.052	1.519429	0	0	0	0.14798104	11.76	0.224846619	0	0.22484662
110	4	0	1.293	1.845651	0	0	0	0.15471144	11.76	0.285543348	0	0.28554335
110	5	0	1.533	2.274659	0	0	0	0.14950312	11.76	0.340068641	0	0.34006864
110	6	0	1.326	2.448058	0	0	0	0.12989668	11.76	0.317994552	0	0.31799455
110	7	0	0.855	2.511604	0	0	0	0.10970012	11.76	0.275523244	0	0.27552324
110	8	0	0.158	1.585342	0	0	0	0.09762865	11.76	0.154774835	0	0.15477483
110	9	0	0.096	1.506514	0	0	0	0.09909825	11.76	0.149292853	0	0.14929285
110	10	0	0	1.425332	0	0	0	0.09402257	11.76	0.134013389	0	0.13401339
110	11	0	0	1.294327	0	0	0	0.09359499	11.76	0.121142559	0	0.12114256
110	12	0	0	1.249866	0	0	0	0.09517111	11.76	0.118951182	0	0.11895118
110	13	0	0	1.20318	0	0	0	0.09624971	11.76	0.115805716	0	0.11580572
110	14	0	0	1.132062	0	0	0	0.09566258	11.76	0.108295987	0	0.10829599
110	15	0	0	1.214726	0	0	0	0.09879777	11.76	0.12001219	0	0.12001219
110	16	0	0	1.34144	0	0	0	0.10144704	11.76	0.136085085	0	0.13608509
110	17	0	0	1.563949	0	0	0	0.12732347	11.76	0.199127434	0	0.19912743
110	18	0	0	1.923422	0	0	0	0.14025277	11.76	0.269765323	0	0.26976532
110	19	0	0	2.027834	0	0	0	0.14329478	11.76	0.290578046	0	0.29057805
110	20	0	0	2.104975	0	0	0	0.14256796	11.76	0.30010199	0	0.30010199
110	21	0	0.096	2.100969	0	0	0	0.14403424	11.76	0.302611419	0	0.30261142
110	22	0	0.096	1.849728	0	0	0	0.14018513	11.76	0.259304423	0	0.25930442
110	23	0	0.096	1.429	0	0	0	0.14302383	11.76	0.204381062	0	0.20438106
110	24	0	0.096	0.964885	0	0	0	0.15076986	11.76	0.145475533	0	0.14547553
111	1	0	0.096	0.680116	0	0	0	0.15727367	11.76	0.106964279	0	0.10696428
111	2	0	0.096	0.566904	0	0	0	0.1533511	11.76	0.086935379	0	0.08693538
111	3	0	0.459	0.926429	0	0	0	0.14798104	11.76	0.137093875	0	0.13709387
111	4	0	0.756	1.308651	0	0	0	0.15471144	11.76	0.202463295	0	0.2024633
111	5	0	0.914	1.655659	0	0	0	0.14950312	11.76	0.247526216	0	0.24752622
111	6	0	0.902	2.024058	0	0	0	0.12989668	11.76	0.262918358	0	0.26291836
111	7	0	0.632	2.288604	0	0	0	0.10970012	11.76	0.251060111	0	0.25106011
111	8	0	0.288	1.715342	0	0	0	0.09762865	11.76	0.167466558	0	0.16746656
111	9	0	0	1.456514	0	0	0	0.09909825	11.76	0.144337946	0	0.14433795
111	10	0	0	1.426332	0	0	0	0.09402257	11.76	0.134107405	0	0.1341074
111	11	0	0	1.294327	0	0	0	0.09359499	11.76	0.121142559	0	0.12114256
111	12	0	0	1.249866	0	0	0	0.09517111	11.76	0.118951182	0	0.11895118
111	13	0	0	1.20218	0	0	0	0.09624971	11.76	0.115709462	0	0.11570946
111	14	0	0	1.131062	0	0	0	0.09566258	11.76	0.10820032	0	0.10820032
111	15	0	0	1.213726	0	0	0	0.09879777	11.76	0.119913388	0	0.11991339
111	16	0	0	1.34044	0	0	0	0.10144704	11.76	0.135983646	0	0.13598365
111	17	0	0	1.608949	0	0	0	0.12732347	11.76	0.204856985	0	0.20485699
111	18	0	0	1.970422	0	0	0	0.14025277	11.76	0.276357194	0	0.27635719
111	19	0	0	2.027834	0	0	0	0.14329478	11.76	0.290578046	0	0.29057805
111	20	0	0	2.104975	0	0	0	0.14256796	11.76	0.30010199	0	0.30010199
111	21	0	0	2.051969	0	0	0	0.14403424	11.76	0.295553738	0	0.29555374
111	22	0	0.096	1.849728	0	0	0	0.14018513	11.76	0.259304423	0	0.25930442

111	23	0	0.096	1.43	0	0	0	0.14302383	11.76	0.204524093	0	0.20452409
111	24	0	0.096	0.964885	0	0	0	0.15076986	11.76	0.145475533	0	0.14547553
112	1	0	0.096	0.681116	0	0	0	0.15727367	11.76	0.107121551	0	0.10712155
112	2	0	0.376	0.847904	0	0	0	0.1533511	11.76	0.13002704	0	0.13002704
112	3	0	0.707	1.174429	0	0	0	0.14798104	11.76	0.173793175	0	0.17379318
112	4	0	0.86	1.412651	0	0	0	0.15471144	11.76	0.218553281	0	0.21855328
112	5	0	1.009	1.750659	0	0	0	0.14950312	11.76	0.261728998	0	0.261729
112	6	0	0.953	2.075058	0	0	0	0.12989668	11.76	0.269543073	0	0.26954307
112	7	0	0.657	2.313604	0	0	0	0.10970012	11.76	0.253802625	0	0.25380262
112	8	0	0.328	1.755342	0	0	0	0.09762865	11.76	0.171371712	0	0.17137171
112	9	0	0.28	1.690514	0	0	0	0.09909825	11.76	0.167526932	0	0.16752693
112	10	0	0	1.426332	0	0	0	0.09402257	11.76	0.134107405	0	0.1341074
112	11	0	0	1.296327	0	0	0	0.09359499	11.76	0.121329746	0	0.12132975
112	12	0	0	1.251866	0	0	0	0.09517111	11.76	0.119141521	0	0.11914152
112	13	0	0	1.20518	0	0	0	0.09624971	11.76	0.115998213	0	0.11599821
112	14	0	0	1.135062	0	0	0	0.09566258	11.76	0.108582966	0	0.10858297
112	15	0	0	1.217726	0	0	0	0.09879777	11.76	0.120308586	0	0.12030859
112	16	0	0	1.34444	0	0	0	0.10144704	11.76	0.136389428	0	0.13638943
112	17	0	0	1.613949	0	0	0	0.12732347	11.76	0.205493602	0	0.2054936
112	18	0	0	1.974422	0	0	0	0.14025277	11.76	0.276918214	0	0.27691821
112	19	0	0	2.032834	0	0	0	0.14329478	11.76	0.291294537	0	0.29129454
112	20	0	0	2.108975	0	0	0	0.14256796	11.76	0.300672254	0	0.30067225
112	21	0	0	2.054969	0	0	0	0.14403424	11.76	0.295985844	0	0.29598584
112	22	0	0.096	1.852728	0	0	0	0.14018513	11.76	0.259724965	0	0.25972496
112	23	0	0.227	1.564	0	0	0	0.14302383	11.76	0.223689279	0	0.22368928
112	24	0	0.447	1.317885	0	0	0	0.15076986	11.76	0.198697293	0	0.19869729
113	1	0	0.776	1.362116	0	0	0	0.15727367	11.76	0.214224916	0	0.21422492
113	2	0	0.979	1.450904	0	0	0	0.1533511	11.76	0.222497739	0	0.22249774
113	3	0	0.85	1.317429	0	0	0	0.14798104	11.76	0.194954464	0	0.19495446
113	4	0	0.958	1.510651	0	0	0	0.15471144	11.76	0.23371501	0	0.23371501
113	5	0	0.891	1.632659	0	0	0	0.14950312	11.76	0.244087644	0	0.24408764
113	6	0	0.88	2.002058	0	0	0	0.12989668	11.76	0.260060621	0	0.26006062
113	7	0	0.762	2.418604	0	0	0	0.10970012	11.76	0.26532114	0	0.26532114
113	8	0	0.583	2.010342	0	0	0	0.09762865	11.76	0.196267005	0	0.196267
113	9	0	0	1.456514	0	0	0	0.09909825	11.76	0.144337946	0	0.14433795
113	10	0	0	1.426332	0	0	0	0.09402257	11.76	0.134107405	0	0.1341074
113	11	0	0	1.295327	0	0	0	0.09359499	11.76	0.121236158	0	0.12123616
113	12	0	0	1.249866	0	0	0	0.09517111	11.76	0.118951182	0	0.11895118
113	13	0	0	1.20318	0	0	0	0.09624971	11.76	0.115805716	0	0.11580572
113	14	0	0	1.132062	0	0	0	0.09566258	11.76	0.108295987	0	0.10829599
113	15	0	0	1.214726	0	0	0	0.09879777	11.76	0.12001219	0	0.12001219
113	16	0	0	1.29444	0	0	0	0.10144704	11.76	0.131317081	0	0.13131708
113	17	0	0	1.562949	0	0	0	0.12732347	11.76	0.199000105	0	0.1990001
113	18	0	0	1.924423	0	0	0	0.14025277	11.76	0.269905583	0	0.26990558
113	19	0	0	1.981834	0	0	0	0.14329478	11.76	0.283986503	0	0.2839865
113	20	0	0	2.104975	0	0	0	0.14256796	11.76	0.30010199	0	0.30010199
113	21	0	0.096	2.100969	0	0	0	0.14403424	11.76	0.302611419	0	0.30261142
113	22	0	0.096	1.848728	0	0	0	0.14018513	11.76	0.259164231	0	0.25916423
113	23	0	0.096	1.429	0	0	0	0.14302383	11.76	0.204381062	0	0.20438106
113	24	0	0.096	0.964885	0	0	0	0.15076986	11.76	0.145475533	0	0.14547553
114	1	0	0.096	0.680116	0	0	0	0.15727367	11.76	0.106964279	0	0.10696428
114	2	0	0.401	0.872904	0	0	0	0.1533511	11.76	0.133860813	0	0.13386081
114	3	0	0.911	1.378429	0	0	0	0.14798104	11.76	0.203981306	0	0.20398131
114	4	0	1.189	1.741651	0	0	0	0.15471144	11.76	0.269453344	0	0.26945334
114	5	0	1.374	2.115659	0	0	0	0.14950312	11.76	0.316297621	0	0.31629762
114	6	0	1.394	2.516057	0	0	0	0.12989668	11.76	0.326827505	0	0.3268275
114	7	0	1.036	2.692604	0	0	0	0.10970012	11.76	0.295378991	0	0.29537899
114	8	0	0.474	1.901342	0	0	0	0.09762865	11.76	0.185625486	0	0.18562549
114	9	0	0.096	1.506514	0	0	0	0.09909825	11.76	0.149292853	0	0.14929285
114	10	0	0	1.426332	0	0	0	0.09402257	11.76	0.134107405	0	0.1341074
114	11	0	0	1.294327	0	0	0	0.09359499	11.76	0.121142559	0	0.12114256
114	12	0	0	1.249866	0	0	0	0.09517111	11.76	0.118951182	0	0.11895118
114	13	0	0	1.20318	0	0	0	0.09624971	11.76	0.115805716	0	0.11580572
114	14	0	0	1.132062	0	0	0	0.09566258	11.76	0.108295987	0	0.10829599
114	15	0	0	1.214726	0	0	0	0.09879777	11.76	0.12001219	0	0.12001219
114	16	0	0	1.29444	0	0	0	0.10144704	11.76	0.131317081	0	0.13131708
114	17	0	0	1.563949	0	0	0	0.12732347	11.76	0.199127434	0	0.19912743
114	18	0	0	1.924423	0	0	0	0.14025277	11.76	0.269905583	0	0.26990558
114	19	0	0	1.982834	0	0	0	0.14329478	11.76	0.284129805	0	0.2841298
114	20	0	0.096	2.155975	0	0	0	0.14256796	11.76	0.307372972	0	0.30737297
114	21	0	0.096	2.101969	0	0	0	0.14403424	11.76	0.302755443	0	0.30275544
114	22	0	0.096	1.849728	0	0	0	0.14018513	11.76	0.259304423	0	0.25930442
114	23	0	0.096	1.43	0	0	0	0.14302383	11.76	0.204524093	0	0.20452409
114	24	0	0.096	0.964885	0	0	0	0.15076986	11.76	0.145475533	0	0.14547553
115	1	0	0.096	0.681116	0	0	0	0.15727367	11.76	0.107121551	0	0.10712155
115	2	0	0.442	0.913904	0	0	0	0.1533511	11.76	0.14014821	0	0.14014821
115	3	0	0.718	1.185429	0	0	0	0.14798104	11.76	0.175420972	0	0.17542097
115	4	0	0.969	1.521651	0	0	0	0.15471144	11.76	0.235416823	0	0.23541682
115	5	0	1.271	2.012659	0	0	0	0.14950312	11.76	0.300898811	0	0.30089881
115	6	0	1.113	2.235058	0	0	0	0.12989668	11.76	0.290326552	0	0.29032655
115	7	0	0.498	2.154604	0	0	0	0.10970012	11.76	0.236360314	0	0.23636031
115	8	0	0.096	1.523342	0	0	0	0.09762865	11.76	0.148721855	0	0.14872185
115	9	0	0	1.456514	0	0	0	0.09909825	11.76	0.144337946	0	0.14433795
115	10	0	0	1.425332	0	0	0	0.09402257	11.76	0.134013389	0	0.13401339
115	11	0	0	1.294327	0	0	0	0.09359499	11.76	0.121142559	0	0.12114256
115	12	0	0	1.248866	0	0	0	0.09517111	11.76	0.118856006	0	0.11885601
115	13	0	0	1.20218	0	0	0	0.09624971	11.76	0.115709462	0	0.11570946
115	14	0	0	1.085062	0	0	0	0.09566258	11.76	0.103799841	0	0.10379984
115	15	0	0	1.167726	0	0	0	0.09879777	11.76	0.115368702	0	0.1153687
115	16	0	0	1.29544	0	0	0	0.10144704	11.76	0.131418521	0	0.13141852
115	17	0	0	1.563949	0	0	0	0.12732347	11.76	0.199127434	0	0.19912743
115	18	0	0	1.925422	0	0	0	0.14025277	11.76	0.270045825	0	0.27004583
115	19	0	0	1.983834	0	0	0	0.14329478	11.76	0.284273089	0	0.28427309
115	20	0	0	2.060975	0	0	0	0.14256796	11.76	0.293829012	0	0.29382901
115	21	0	0.096	2.101969	0	0	0	0.14403424	11.76	0.302755443	0	0.30275544
115	22	0	0	1.799728	0	0	0	0.14018513	11.76	0.252295157	0	0.25229516
115	23	0	0	1.38	0	0	0	0.14302383	11.76	0.197372891	0	0.19737289
115	24	0	0.096	0.964885	0	0	0	0.15076986	11.76	0.145475533	0	0.14547553
116	1	0	0.096	0.681116	0	0	0	0.15727367	11.76	0.107121551	0	0.10712155
116	2	0	0.27	0.741904	0	0	0	0.1533511	11.76	0.113771822	0	0.11377182
116	3	0	0.613	1.080429	0	0	0	0.14798104	11.76	0.159882961	0	0.15988296
116	4	0	0.842	1.394651	0	0	0	0.15471144	11.76	0.215768492	0	0.21576849
116	5	0	0.924	1.665659	0	0	0	0.14950312	11.76	0.249021245	0	0.24902125
116	6	0	0.739	1.861058	0	0	0	0.12989668	11.76	0.241745186	0	0.24174519
116	7	0	0.219	1.875604	0	0	0	0.10970012	11.76	0.205753976	0	0.20575398
116	8	0	0	1.473342	0	0	0	0.09762865	11.76	0.143840427	0	0.14384043
116	9	0	0	1.456514	0	0	0	0.09909825	11.76	0.144337946	0	0.14433795
116	10	0	0	1.424332	0	0	0	0.09402257	11.76	0.133919362	0	0.13391936
116	11	0	0	1.247327	0	0	0	0.09359499	11.76	0.11674359	0	0.11674359
116	12	0	0	1.201867	0	0	0	0.09517111	11.76	0.11438297	0	0.11438297
116	13	0	0	1.15618	0	0	0	0.09624971	11.76	0.111281975	0	0.11128198

116	14	0.401	0	1.487062	0	0	0	0.09566258	11.76	0.142256204	0	0.1422562
116	15	1.059	0	2.225726	0	0	0	0.09879777	11.76	0.219896725	0	0.21989673
116	16	1.425	0	2.71844	0	0	0	0.10144704	11.76	0.275777665	0	0.27577766
116	17	1.623	0	3.185949	0	0	0	0.12732347	11.76	0.405646107	0	0.40564611
116	18	0	0	1.923422	0	0	0	0.14025277	11.76	0.269765323	0	0.26976532
116	19	0	0	1.981834	0	0	0	0.14329478	11.76	0.283986503	0	0.2839865
116	20	0	0	2.061975	0	0	0	0.14256796	11.76	0.29397157	0	0.29397157
116	21	0	0	2.007969	0	0	0	0.14403424	11.76	0.289216244	0	0.28921624
116	22	0	0	1.754728	0	0	0	0.14018513	11.76	0.245986832	0	0.24598683
116	23	0	0	1.334	0	0	0	0.14302383	11.76	0.190793794	0	0.19079379
116	24	0	0	0.914885	0	0	0	0.15076986	11.76	0.137937039	0	0.13793704
117	1	0	0	0.630116	0	0	0	0.15727367	11.76	0.099100594	0	0.09910059
117	2	0	0	0.516904	0	0	0	0.1533511	11.76	0.079267831	0	0.07926783
117	3	0	0	0.512429	0	0	0	0.14798104	11.76	0.075829721	0	0.07582972
117	4	0	0	0.598651	0	0	0	0.15471144	11.76	0.092618176	0	0.09261818
117	5	0	0.289	1.030659	0	0	0	0.14950312	11.76	0.154086766	0	0.15408677
117	6	0	0.143	1.265058	0	0	0	0.12989668	11.76	0.164326773	0	0.16432677
117	7	0	0	1.702604	0	0	0	0.10970012	11.76	0.186775857	0	0.18677586
117	8	0	0	1.473342	0	0	0	0.09762865	11.76	0.143840427	0	0.14384043
117	9	0	0	1.409514	0	0	0	0.09909825	11.76	0.139680335	0	0.13968034
117	10	0	0	1.378332	0	0	0	0.09402257	11.76	0.129594323	0	0.12959432
117	11	0	0	1.294327	0	0	0	0.09359499	11.76	0.121142559	0	0.12114256
117	12	0.194	0	1.394866	0	0	0	0.09517111	11.76	0.132750991	0	0.13275099
117	13	0.863	0	2.01718	0	0	0	0.09624971	11.76	0.194152977	0	0.19415298
117	14	1.318	0	2.401062	0	0	0	0.09566258	11.76	0.229691803	0	0.2296918
117	15	1.736	0	2.902726	0	0	0	0.09879777	11.76	0.286782818	0	0.28678282
117	16	1.854	0	3.14744	0	0	0	0.10144704	11.76	0.319298433	0	0.31929843
117	17	1.898	0	3.460949	0	0	0	0.12732347	11.76	0.440660044	0	0.44066004
117	18	1.808	0	3.731422	0	0	0	0.14025277	11.76	0.523342323	0	0.52334232
117	19	0	0	1.981834	0	0	0	0.14329478	11.76	0.283986503	0	0.2839865
117	20	0	0	2.059975	0	0	0	0.14256796	11.76	0.293686455	0	0.29368645
117	21	0	0	2.008969	0	0	0	0.14403424	11.76	0.289360268	0	0.28936027
117	22	0	0	1.756728	0	0	0	0.14018513	11.76	0.246267198	0	0.2462672
117	23	0	0	1.336	0	0	0	0.14302383	11.76	0.191079838	0	0.19107984
117	24	0	0	0.869885	0	0	0	0.15076986	11.76	0.131152392	0	0.13115239
118	1	0	0	0.585116	0	0	0	0.15727367	11.76	0.092023277	0	0.09202328
118	2	0	0	0.516904	0	0	0	0.1533511	11.76	0.079267831	0	0.07926783
118	3	0	0	0.513429	0	0	0	0.14798104	11.76	0.0759777	0	0.0759777
118	4	0	0.09	0.642651	0	0	0	0.15471144	11.76	0.099425475	0	0.09942547
118	5	0	0.203	0.944659	0	0	0	0.14950312	11.76	0.141229485	0	0.14122948
118	6	0	0.221	1.343058	0	0	0	0.12989668	11.76	0.174458707	0	0.17445871
118	7	0	0	1.702604	0	0	0	0.10970012	11.76	0.186775857	0	0.18677586
118	8	0	0	1.473342	0	0	0	0.09762865	11.76	0.143840427	0	0.14384043
118	9	0	0	1.456514	0	0	0	0.09909825	11.76	0.144337946	0	0.14433795
118	10	0	0	1.426332	0	0	0	0.09402257	11.76	0.134107405	0	0.1341074
118	11	0	0	1.296327	0	0	0	0.09359499	11.76	0.121329746	0	0.12132975
118	12	0	0	1.251866	0	0	0	0.09517111	11.76	0.119141521	0	0.11914152
118	13	0	0	1.15918	0	0	0	0.09624971	11.76	0.111570726	0	0.11157073
118	14	0	0	1.088062	0	0	0	0.09566258	11.76	0.104086831	0	0.10408683
118	15	0	0	1.171726	0	0	0	0.09879777	11.76	0.115763888	0	0.11576389
118	16	0	0	1.29944	0	0	0	0.10144704	11.76	0.131824316	0	0.13182432
118	17	0	0	1.567949	0	0	0	0.12732347	11.76	0.199636722	0	0.19963672
118	18	0	0	1.929422	0	0	0	0.14025277	11.76	0.270606846	0	0.27060685
118	19	0	0	1.986834	0	0	0	0.14329478	11.76	0.284702976	0	0.28470298
118	20	0	0	2.063975	0	0	0	0.14256796	11.76	0.294256719	0	0.29425672
118	21	0	0	2.008969	0	0	0	0.14403424	11.76	0.289360268	0	0.28936027
118	22	0	0	1.802728	0	0	0	0.14018513	11.76	0.252715715	0	0.25271571
118	23	0	0	1.382	0	0	0	0.14302383	11.76	0.197658935	0	0.19765893
118	24	0	0.089	0.959885	0	0	0	0.15076986	11.76	0.144721685	0	0.14472168
119	1	0	0.303	0.889116	0	0	0	0.15727367	11.76	0.139834474	0	0.13983447
119	2	0	0.435	0.906904	0	0	0	0.1533511	11.76	0.139074757	0	0.13907476
119	3	0	0.61	1.077429	0	0	0	0.14798104	11.76	0.159439014	0	0.15943901
119	4	0	0.694	1.246651	0	0	0	0.15471144	11.76	0.192871199	0	0.1928712
119	5	0	0.732	1.473659	0	0	0	0.14950312	11.76	0.220316642	0	0.22031664
119	6	0	0.598	1.720057	0	0	0	0.12989668	11.76	0.22342975	0	0.22342975
119	7	0	0.511	2.167604	0	0	0	0.10970012	11.76	0.237786417	0	0.23778642
119	8	0	0.103	1.530342	0	0	0	0.09762865	11.76	0.149405264	0	0.14940526
119	9	0	0	1.456514	0	0	0	0.09909825	11.76	0.144337946	0	0.14433795
119	10	0	0	1.379332	0	0	0	0.09402257	11.76	0.12968835	0	0.12968835
119	11	0	0	1.248327	0	0	0	0.09359499	11.76	0.116837189	0	0.11683719
119	12	0	0	1.204866	0	0	0	0.09517111	11.76	0.114668474	0	0.11466847
119	13	0	0	1.15918	0	0	0	0.09624971	11.76	0.111570726	0	0.11157073
119	14	0	0	1.134062	0	0	0	0.09566258	11.76	0.10848731	0	0.10848731
119	15	0	0	1.168726	0	0	0	0.09879777	11.76	0.115467493	0	0.11546749
119	16	0	0	1.29644	0	0	0	0.10144704	11.76	0.131519973	0	0.13151997
119	17	0.116	0	1.683949	0	0	0	0.12732347	11.76	0.214406237	0	0.21440624
119	18	0	0	1.924423	0	0	0	0.14025277	11.76	0.269905583	0	0.26990558
119	19	0	0	1.986834	0	0	0	0.14329478	11.76	0.284702976	0	0.28470298
119	20	0	0	2.063975	0	0	0	0.14256796	11.76	0.294256719	0	0.29425672
119	21	0	0	2.008969	0	0	0	0.14403424	11.76	0.289360268	0	0.28936027
119	22	0	0	1.756728	0	0	0	0.14018513	11.76	0.246267198	0	0.2462672
119	23	0	0	1.336	0	0	0	0.14302383	11.76	0.191079838	0	0.19107984
119	24	0	0	0.915885	0	0	0	0.15076986	11.76	0.138087806	0	0.13808781
120	1	0	0	0.631116	0	0	0	0.15727367	11.76	0.099257866	0	0.09925787
120	2	0	0	0.517904	0	0	0	0.1533511	11.76	0.07942118	0	0.07942118
120	3	0	0.082	0.549429	0	0	0	0.14798104	11.76	0.081305019	0	0.08130502
120	4	0	0.231	0.783651	0	0	0	0.15471144	11.76	0.121239793	0	0.12123979
120	5	0	0.244	0.985659	0	0	0	0.14950312	11.76	0.147359114	0	0.14735911
120	6	0	0.239	1.361058	0	0	0	0.12989668	11.76	0.176796848	0	0.17679685
120	7	0	0.208	1.864604	0	0	0	0.10970012	11.76	0.204547284	0	0.20454728
120	8	0	0.153	1.580342	0	0	0	0.09762865	11.76	0.154286692	0	0.15428669
120	9	0	0	1.456514	0	0	0	0.09909825	11.76	0.144337946	0	0.14433795
120	10	0	0	1.426332	0	0	0	0.09402257	11.76	0.134107405	0	0.1341074
120	11	0	0	1.295327	0	0	0	0.09359499	11.76	0.121236158	0	0.12123616
120	12	0	0	1.250866	0	0	0	0.09517111	11.76	0.119046346	0	0.11904635
120	13	0	0	1.15918	0	0	0	0.09624971	11.76	0.111570726	0	0.11157073
120	14	0	0	1.088062	0	0	0	0.09566258	11.76	0.104086831	0	0.10408683
120	15	0	0	1.171726	0	0	0	0.09879777	11.76	0.115763888	0	0.11576389
120	16	0	0	1.29944	0	0	0	0.10144704	11.76	0.131824316	0	0.13182432
120	17	0	0	1.567949	0	0	0	0.12732347	11.76	0.199636722	0	0.19963672
120	18	0	0	1.929422	0	0	0	0.14025277	11.76	0.270606846	0	0.27060685
120	19	0	0	1.986834	0	0	0	0.14329478	11.76	0.284702976	0	0.28470298
120	20	0	0.096	2.159975	0	0	0	0.14256796	11.76	0.307943237	0	0.30794324
120	21	0	0.096	2.105968	0	0	0	0.14403424	11.76	0.303331573	0	0.30333157
120	22	0	0.325	2.082728	0	0	0	0.14018513	11.76	0.291967547	0	0.29196755
120	23	0	0.438	1.775	0	0	0	0.14302383	11.76	0.25386732	0	0.25386732
120	24	0	0.536	1.406885	0	0	0	0.15076986	11.76	0.212115809	0	0.21211581
121	1	0	0.578	1.160116	0	0	0	0.16867002	11.76	0.195676718	0	0.19567672
121	2	0	0.569	1.040904	0	0	0	0.17236144	11.76	0.179411757	0	0.17941176
121	3	0	0.528	0.995429	0	0	0	0.16497584	11.76	0.16422168	0	0.16422168
121	4	0	0.478	1.030651	0	0	0	0.16796961	11.76	0.173118063	0	0.17311806

121	5	0	0.426	1.159659	0	0	0	0.15585891	11.76	0.180743209	0	0.18074321
121	6	0	0.399	1.505058	0	0	0	0.11562043	11.76	0.174015408	0	0.17401541
121	7	0	0.373	1.987604	0	0	0	0.09817137	11.76	0.195125807	0	0.19512581
121	8	0	0.298	1.692342	0	0	0	0.10160133	11.76	0.171944238	0	0.17194424
121	9	0	0.223	1.599514	0	0	0	0.09816068	11.76	0.157009348	0	0.15700935
121	10	0	0	1.393332	0	0	0	0.09680755	11.76	0.134885064	0	0.13488506
121	11	0	0	1.266327	0	0	0	0.09426209	11.76	0.119366664	0	0.11936666
121	12	0	0	1.224867	0	0	0	0.09345169	11.76	0.114465843	0	0.11446584
121	13	0	0	1.13618	0	0	0	0.0892589	11.76	0.101414169	0	0.10141417
121	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
121	15	0	0	1.153726	0	0	0	0.09047418	11.76	0.104382393	0	0.10438239
121	16	0	0	1.27744	0	0	0	0.0901526	11.76	0.115164524	0	0.11516452
121	17	0	0	1.541949	0	0	0	0.11094807	11.76	0.171076274	0	0.17107627
121	18	0	0	1.897423	0	0	0	0.13849421	11.76	0.262782034	0	0.26278203
121	19	0	0	1.951834	0	0	0	0.14809004	11.76	0.289047207	0	0.28904721
121	20	0	0	2.031975	0	0	0	0.14848692	11.76	0.301721721	0	0.30172172
121	21	0	0	2.026968	0	0	0	0.15107401	11.76	0.30622226	0	0.30622226
121	22	0	0	1.777728	0	0	0	0.16283409	11.76	0.289474791	0	0.28947479
121	23	0	0	1.36	0	0	0	0.15908955	11.76	0.216361789	0	0.21636179
121	24	0	0.202	1.064885	0	0	0	0.16977321	11.76	0.180788883	0	0.18078888
122	1	0	0.397	0.979116	0	0	0	0.16867002	11.76	0.165147446	0	0.16514745
122	2	0	0.627	1.098904	0	0	0	0.17236144	11.76	0.189408694	0	0.18940869
122	3	0	0.697	1.164429	0	0	0	0.16497584	11.76	0.192102581	0	0.19210258
122	4	0	0.593	1.145651	0	0	0	0.16796961	11.76	0.19243457	0	0.19243457
122	5	0	0.565	1.298659	0	0	0	0.15585891	11.76	0.202407588	0	0.20240759
122	6	0	0.495	1.601058	0	0	0	0.11562043	11.76	0.185114964	0	0.18511496
122	7	0	0.455	2.069604	0	0	0	0.09817137	11.76	0.203175862	0	0.20317586
122	8	0	0.379	1.773342	0	0	0	0.10160133	11.76	0.180173943	0	0.18017394
122	9	0	0.286	1.662514	0	0	0	0.09816068	11.76	0.163193468	0	0.16319347
122	10	0	0.091	1.438332	0	0	0	0.09680755	11.76	0.139241411	0	0.13924141
122	11	0	0	1.266327	0	0	0	0.09426209	11.76	0.119366664	0	0.11936666
122	12	0	0	1.178867	0	0	0	0.09345169	11.76	0.110167065	0	0.11016707
122	13	0	0	1.13518	0	0	0	0.0892589	11.76	0.101324916	0	0.10132492
122	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
122	15	0	0	1.152726	0	0	0	0.09047418	11.76	0.104291915	0	0.10429191
122	16	0	0	1.27644	0	0	0	0.0901526	11.76	0.115074367	0	0.11507437
122	17	0	0	1.540949	0	0	0	0.11094807	11.76	0.170965334	0	0.17096533
122	18	0	0	1.896422	0	0	0	0.13849421	11.76	0.262643517	0	0.26264352
122	19	0	0	1.950834	0	0	0	0.14809004	11.76	0.288899128	0	0.28889913
122	20	0	0	2.030975	0	0	0	0.14848692	11.76	0.301573245	0	0.30157325
122	21	0	0	1.979969	0	0	0	0.15107401	11.76	0.299121792	0	0.29912179
122	22	0	0	1.776728	0	0	0	0.16283409	11.76	0.28931195	0	0.28931195
122	23	0	0	1.359	0	0	0	0.15908955	11.76	0.216202692	0	0.21620269
122	24	0	0	0.907885	0	0	0	0.16977321	11.76	0.154134489	0	0.15413449
123	1	0	0.2	0.781116	0	0	0	0.16867002	11.76	0.13175078	0	0.13175078
123	2	0	0.365	0.836904	0	0	0	0.17236144	11.76	0.144250014	0	0.14425001
123	3	0	0.559	1.026429	0	0	0	0.16497584	11.76	0.169335934	0	0.16933593
123	4	0	0.788	1.340651	0	0	0	0.16796961	11.76	0.225188632	0	0.22518863
123	5	0	0.728	1.461659	0	0	0	0.15585891	11.76	0.227812606	0	0.22781261
123	6	0	0.67	1.776057	0	0	0	0.11562043	11.76	0.205348535	0	0.20534853
123	7	0	0.406	2.020604	0	0	0	0.09817137	11.76	0.198365462	0	0.19836546
123	8	0	0	1.440342	0	0	0	0.10160133	11.76	0.146340706	0	0.14634071
123	9	0	0	1.422514	0	0	0	0.09816068	11.76	0.139634903	0	0.1396349
123	10	0	0	1.346332	0	0	0	0.09680755	11.76	0.130335115	0	0.13033512
123	11	0	0	1.218327	0	0	0	0.09426209	11.76	0.114842086	0	0.11484209
123	12	0	0	1.177866	0	0	0	0.09345169	11.76	0.110073609	0	0.11007361
123	13	0	0	1.13518	0	0	0	0.0892589	11.76	0.101324916	0	0.10132492
123	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
123	15	0	0	1.151726	0	0	0	0.09047418	11.76	0.104201447	0	0.10420145
123	16	0	0	1.27544	0	0	0	0.0901526	11.76	0.11498421	0	0.11498421
123	17	0	0	1.537949	0	0	0	0.11094807	11.76	0.170632488	0	0.17063249
123	18	0	0	1.893422	0	0	0	0.13849421	11.76	0.262228048	0	0.26222805
123	19	0	0	1.949834	0	0	0	0.14809004	11.76	0.288751049	0	0.28875105
123	20	0	0	2.030975	0	0	0	0.14848692	11.76	0.301573245	0	0.30157325
123	21	0	0	1.979969	0	0	0	0.15107401	11.76	0.299121792	0	0.29912179
123	22	0	0	1.730728	0	0	0	0.16283409	11.76	0.281821581	0	0.28182158
123	23	0	0	1.313	0	0	0	0.15908955	11.76	0.208884572	0	0.20888457
123	24	0	0	0.906885	0	0	0	0.16977321	11.76	0.153964718	0	0.15396472
124	1	0	0	0.626116	0	0	0	0.16867002	11.76	0.105606932	0	0.10560693
124	2	0	0	0.517904	0	0	0	0.17236144	11.76	0.089266715	0	0.08926672
124	3	0	0.131	0.598429	0	0	0	0.16497584	11.76	0.09872627	0	0.09872627
124	4	0	0.291	0.843651	0	0	0	0.16796961	11.76	0.14170775	0	0.14170775
124	5	0	0.38	1.113659	0	0	0	0.15585891	11.76	0.173573698	0	0.1735737
124	6	0	0.137	1.243057	0	0	0	0.11562043	11.76	0.143722845	0	0.14372284
124	7	0	0	1.660604	0	0	0	0.09817137	11.76	0.163023766	0	0.16302377
124	8	0	0	1.439342	0	0	0	0.10160133	11.76	0.1462391	0	0.1462391
124	9	0	0	1.375514	0	0	0	0.09816068	11.76	0.135021346	0	0.13502135
124	10	0	0	1.345332	0	0	0	0.09680755	11.76	0.130238303	0	0.1302383
124	11	0	0	1.218327	0	0	0	0.09426209	11.76	0.114842086	0	0.11484209
124	12	0	0	1.223866	0	0	0	0.09345169	11.76	0.114372387	0	0.11437239
124	13	0	0	1.13118	0	0	0	0.0892589	11.76	0.100967875	0	0.10096787
124	14	0.612	0	1.678062	0	0	0	0.09046801	11.76	0.151810949	0	0.15181095
124	15	1.271	0	2.419726	0	0	0	0.09047418	11.76	0.218922721	0	0.21892272
124	16	0	0	1.27244	0	0	0	0.0901526	11.76	0.114713751	0	0.11471375
124	17	1.639	0	3.174949	0	0	0	0.11094807	11.76	0.352254493	0	0.35225449
124	18	0	0	1.892422	0	0	0	0.13849421	11.76	0.262089547	0	0.26208955
124	19	0	0	1.946834	0	0	0	0.14809004	11.76	0.288306776	0	0.28830678
124	20	0	0	2.028975	0	0	0	0.14848692	11.76	0.301276257	0	0.30127626
124	21	0	0	1.980969	0	0	0	0.15107401	11.76	0.299272873	0	0.29927287
124	22	0	0	1.731728	0	0	0	0.16283409	11.76	0.281984423	0	0.28198442
124	23	0	0	1.314	0	0	0	0.15908955	11.76	0.209043669	0	0.20904367
124	24	0	0	0.861885	0	0	0	0.16977321	11.76	0.146324931	0	0.14632493
125	1	0	0	0.580116	0	0	0	0.16867002	11.76	0.097848111	0	0.09784811
125	2	0	0	0.516904	0	0	0	0.17236144	11.76	0.089094356	0	0.08909436
125	3	0	0	0.512429	0	0	0	0.16497584	11.76	0.084538344	0	0.08453834
125	4	0	0	0.598651	0	0	0	0.16796961	11.76	0.100555194	0	0.10055519
125	5	0	0	0.779659	0	0	0	0.15585891	11.76	0.121516824	0	0.12151682
125	6	0	0	1.151057	0	0	0	0.11562043	11.76	0.133085764	0	0.13308576
125	7	0	0	1.660604	0	0	0	0.09817137	11.76	0.163023766	0	0.16302377
125	8	0	0	1.439342	0	0	0	0.10160133	11.76	0.1462391	0	0.1462391
125	9	0	0	1.421514	0	0	0	0.09816068	11.76	0.139536738	0	0.13953674
125	10	0	0	1.346332	0	0	0	0.09680755	11.76	0.130335115	0	0.13033512
125	11	0	0	1.219327	0	0	0	0.09426209	11.76	0.114936352	0	0.11493635
125	12	0	0	1.224867	0	0	0	0.09345169	11.76	0.114465843	0	0.11446584
125	13	0	0	1.17918	0	0	0	0.0892589	11.76	0.1052523	0	0.1052523
125	14	0.225	0	1.290062	0	0	0	0.09046801	11.76	0.11670936	0	0.11670936
125	15	0.419	0	1.567726	0	0	0	0.09047418	11.76	0.141838707	0	0.14183871
125	16	0.882	0	2.15444	0	0	0	0.0901526	11.76	0.194228364	0	0.19422836
125	17	0.776	0	2.311949	0	0	0	0.11094807	11.76	0.256506289	0	0.25650629
125	18	0.877	0	2.769423	0	0	0	0.13849421	11.76	0.38354898	0	0.38354898
125	19	0	0	1.946834	0	0	0	0.14809004	11.76	0.288306776	0	0.28830678

125	20	0	0	2.031975	0	0	0	0.14848692	11.76	0.301721721	0	0.30172172
125	21	0	0	1.980969	0	0	0	0.15107401	11.76	0.299272873	0	0.29927287
125	22	0	0	1.731728	0	0	0	0.16283409	11.76	0.281984423	0	0.28198442
125	23	0	0	1.314	0	0	0	0.15908955	11.76	0.209043669	0	0.20904367
125	24	0	0	0.861885	0	0	0	0.16977321	11.76	0.146324931	0	0.14632493
126	1	0	0	0.627116	0	0	0	0.16867002	11.76	0.1057756	0	0.1057756
126	2	0	0	0.516904	0	0	0	0.17236144	11.76	0.089094356	0	0.08909436
126	3	0	0	0.513429	0	0	0	0.16497584	11.76	0.084703318	0	0.08470332
126	4	0	0	0.598651	0	0	0	0.16796961	11.76	0.100555194	0	0.10055519
126	5	0	0.113	0.846659	0	0	0	0.15585891	11.76	0.131959367	0	0.13195937
126	6	0	0.113	1.219058	0	0	0	0.11562043	11.76	0.140947963	0	0.14094796
126	7	0	0.081	1.695604	0	0	0	0.09817137	11.76	0.166459772	0	0.16645977
126	8	0	0	1.440342	0	0	0	0.10160133	11.76	0.146340706	0	0.14634071
126	9	0	0	1.375514	0	0	0	0.09816068	11.76	0.135021346	0	0.13502135
126	10	0	0	1.346332	0	0	0	0.09680755	11.76	0.130335115	0	0.13033512
126	11	0	0	1.218327	0	0	0	0.09426209	11.76	0.114842086	0	0.11484209
126	12	0	0	1.222866	0	0	0	0.09345169	11.76	0.114278931	0	0.11427893
126	13	0.246	0	1.37718	0	0	0	0.0892589	11.76	0.122925558	0	0.12292556
126	14	0.93	0	1.993062	0	0	0	0.09046801	11.76	0.180308367	0	0.18030837
126	15	1.048	0	2.196726	0	0	0	0.09047418	11.76	0.198746974	0	0.19874697
126	16	0	0	1.27244	0	0	0	0.0901526	11.76	0.114713751	0	0.11471375
126	17	0	0	1.539949	0	0	0	0.11094807	11.76	0.170854381	0	0.17085438
126	18	0	0	1.897423	0	0	0	0.13849421	11.76	0.262782034	0	0.26278203
126	19	0	0	1.951834	0	0	0	0.14809004	11.76	0.289047207	0	0.28904721
126	20	0	0	2.031975	0	0	0	0.14848692	11.76	0.301721721	0	0.30172172
126	21	0	0	1.980969	0	0	0	0.15107401	11.76	0.299272873	0	0.29927287
126	22	0	0	1.731728	0	0	0	0.16283409	11.76	0.281984423	0	0.28198442
126	23	0	0	1.314	0	0	0	0.15908955	11.76	0.209043669	0	0.20904367
126	24	0	0	0.907885	0	0	0	0.16977321	11.76	0.154134489	0	0.15413449
127	1	0	0	0.627116	0	0	0	0.16867002	11.76	0.1057756	0	0.1057756
127	2	0	0	0.517904	0	0	0	0.17236144	11.76	0.089266715	0	0.08926672
127	3	0	0	0.513429	0	0	0	0.16497584	11.76	0.084703318	0	0.08470332
127	4	0	0	0.598651	0	0	0	0.16796961	11.76	0.100555194	0	0.10055519
127	5	0	0.102	0.835659	0	0	0	0.15585891	11.76	0.130244922	0	0.13024492
127	6	0	0.133	1.239058	0	0	0	0.11562043	11.76	0.143260369	0	0.14326037
127	7	0	0	1.660604	0	0	0	0.09817137	11.76	0.163023766	0	0.16302377
127	8	0	0	1.394342	0	0	0	0.10160133	11.76	0.141667044	0	0.14166704
127	9	0	0	1.375514	0	0	0	0.09816068	11.76	0.135021346	0	0.13502135
127	10	0	0	1.346332	0	0	0	0.09680755	11.76	0.130335115	0	0.13033512
127	11	0	0	1.219327	0	0	0	0.09426209	11.76	0.114936352	0	0.11493635
127	12	0	0	1.178867	0	0	0	0.09345169	11.76	0.110167065	0	0.11016707
127	13	0	0	1.13618	0	0	0	0.0892589	11.76	0.101414169	0	0.10141417
127	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
127	15	0	0	1.197726	0	0	0	0.09047418	11.76	0.10836326	0	0.10836326
127	16	0	0	1.27344	0	0	0	0.0901526	11.76	0.114803907	0	0.11480391
127	17	0	0	1.538949	0	0	0	0.11094807	11.76	0.170743428	0	0.17074343
127	18	0	0	1.894423	0	0	0	0.13849421	11.76	0.262366548	0	0.26236655
127	19	0	0	1.949834	0	0	0	0.14809004	11.76	0.288751049	0	0.28875105
127	20	0	0	2.031975	0	0	0	0.14848692	11.76	0.301721721	0	0.30172172
127	21	0	0	1.980969	0	0	0	0.15107401	11.76	0.299272873	0	0.29927287
127	22	0	0	1.731728	0	0	0	0.16283409	11.76	0.281984423	0	0.28198442
127	23	0	0	1.314	0	0	0	0.15908955	11.76	0.209043669	0	0.20904367
127	24	0	0	0.907885	0	0	0	0.16977321	11.76	0.154134489	0	0.15413449
128	1	0	0	0.627116	0	0	0	0.16867002	11.76	0.1057756	0	0.1057756
128	2	0	0.089	0.560904	0	0	0	0.17236144	11.76	0.096678254	0	0.09667825
128	3	0	0.28	0.747429	0	0	0	0.16497584	11.76	0.123307668	0	0.12330767
128	4	0	0.527	1.079651	0	0	0	0.16796961	11.76	0.181348578	0	0.18134858
128	5	0	0.513	1.246659	0	0	0	0.15585891	11.76	0.194302936	0	0.19430294
128	6	0	0.471	1.577058	0	0	0	0.11562043	11.76	0.182340082	0	0.18234008
128	7	0	0.435	2.049604	0	0	0	0.09817137	11.76	0.201212436	0	0.20121244
128	8	0	0.243	1.637342	0	0	0	0.10160133	11.76	0.16635617	0	0.16635617
128	9	0	0.181	1.557514	0	0	0	0.09816068	11.76	0.152886594	0	0.15288659
128	10	0	0	1.393332	0	0	0	0.09680755	11.76	0.134885064	0	0.13488506
128	11	0	0	1.265327	0	0	0	0.09426209	11.76	0.119272398	0	0.1192724
128	12	0	0	1.178867	0	0	0	0.09345169	11.76	0.110167065	0	0.11016707
128	13	0	0	1.13618	0	0	0	0.0892589	11.76	0.101414169	0	0.10141417
128	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
128	15	0	0	1.153726	0	0	0	0.09047418	11.76	0.104382393	0	0.10438239
128	16	0	0	1.32344	0	0	0	0.0901526	11.76	0.119311544	0	0.11931154
128	17	0	0	1.537949	0	0	0	0.11094807	11.76	0.170632488	0	0.17063249
128	18	0	0	1.897423	0	0	0	0.13849421	11.76	0.262782034	0	0.26278203
128	19	0	0	1.951834	0	0	0	0.14809004	11.76	0.289047207	0	0.28904721
128	20	0	0	2.031975	0	0	0	0.14848692	11.76	0.301721721	0	0.30172172
128	21	0	0	1.980969	0	0	0	0.15107401	11.76	0.299272873	0	0.29927287
128	22	0	0	1.731728	0	0	0	0.16283409	11.76	0.281984423	0	0.28198442
128	23	0	0	1.36	0	0	0	0.15908955	11.76	0.216361789	0	0.21636179
128	24	0	0	0.907885	0	0	0	0.16977321	11.76	0.154134489	0	0.15413449
129	1	0	0.147	0.728116	0	0	0	0.16867002	11.76	0.122811273	0	0.12281127
129	2	0	0.29	0.761904	0	0	0	0.17236144	11.76	0.131322909	0	0.13132291
129	3	0	0.373	0.840429	0	0	0	0.16497584	11.76	0.13865043	0	0.13865043
129	4	0	0.411	0.963651	0	0	0	0.16796961	11.76	0.161864104	0	0.1618641
129	5	0	0.394	1.127659	0	0	0	0.15585891	11.76	0.175755714	0	0.17575571
129	6	0	0.399	1.505058	0	0	0	0.11562043	11.76	0.174015408	0	0.17401541
129	7	0	0.407	2.021604	0	0	0	0.09817137	11.76	0.19846365	0	0.19846365
129	8	0	0.231	1.625342	0	0	0	0.10160133	11.76	0.165136946	0	0.16513695
129	9	0	0.242	1.618514	0	0	0	0.09816068	11.76	0.158874395	0	0.15887439
129	10	0	0	1.393332	0	0	0	0.09680755	11.76	0.134885064	0	0.13488506
129	11	0	0	1.266327	0	0	0	0.09426209	11.76	0.119366664	0	0.11936666
129	12	0	0	1.224867	0	0	0	0.09345169	11.76	0.114465843	0	0.11446584
129	13	0	0	1.13618	0	0	0	0.0892589	11.76	0.101414169	0	0.10141417
129	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
129	15	0	0	1.153726	0	0	0	0.09047418	11.76	0.104382393	0	0.10438239
129	16	0	0	1.27744	0	0	0	0.0901526	11.76	0.115164524	0	0.11516452
129	17	0	0	1.541949	0	0	0	0.11094807	11.76	0.171076274	0	0.17107627
129	18	0	0	1.897423	0	0	0	0.13849421	11.76	0.262782034	0	0.26278203
129	19	0	0	1.951834	0	0	0	0.14809004	11.76	0.289047207	0	0.28904721
129	20	0	0	2.077975	0	0	0	0.14848692	11.76	0.30855212	0	0.30855212
129	21	0	0.096	2.076969	0	0	0	0.15107401	11.76	0.31377599	0	0.31377599
129	22	0	0.187	1.919728	0	0	0	0.16283409	11.76	0.312597225	0	0.31259723
129	23	0	0.308	1.623	0	0	0	0.15908955	11.76	0.258202342	0	0.25820234
129	24	0	0.566	1.428885	0	0	0	0.16977321	11.76	0.242586324	0	0.24258632
130	1	0	0.677	1.259116	0	0	0	0.16867002	11.76	0.212375065	0	0.21237507
130	2	0	0.788	1.259904	0	0	0	0.17236144	11.76	0.217158887	0	0.21715889
130	3	0	0.914	1.381429	0	0	0	0.16497584	11.76	0.227902339	0	0.22790234
130	4	0	1	1.552651	0	0	0	0.16796961	11.76	0.260798212	0	0.26079821
130	5	0	0.888	1.621659	0	0	0	0.15585891	11.76	0.252750026	0	0.25275003
130	6	0	0.861	1.967058	0	0	0	0.11562043	11.76	0.227432049	0	0.22743205
130	7	0	0.811	2.425604	0	0	0	0.09817137	11.76	0.238124866	0	0.23812487
130	8	0	0.567	1.961342	0	0	0	0.10160133	11.76	0.199275001	0	0.199275
130	9	0	0	1.422514	0	0	0	0.09816068	11.76	0.139634903	0	0.1396349
130	10	0	0	1.393332	0	0	0	0.09680755	11.76	0.134885064	0	0.13488506

130	11	0	0	1.219327	0	0	0	0.09426209	11.76	0.114936352	0	0.11493635
130	12	0	0	1.177866	0	0	0	0.09345169	11.76	0.110073609	0	0.11007361
130	13	0	0	1.13518	0	0	0	0.0892589	11.76	0.101324916	0	0.10132492
130	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
130	15	0	0	1.153726	0	0	0	0.09047418	11.76	0.104382393	0	0.10438239
130	16	0	0	1.27744	0	0	0	0.0901526	11.76	0.115164524	0	0.11516452
130	17	0	0	1.540949	0	0	0	0.11094807	11.76	0.170965334	0	0.17096533
130	18	0	0	1.897423	0	0	0	0.13849421	11.76	0.262782034	0	0.26278203
130	19	0	0	1.951834	0	0	0	0.14809004	11.76	0.289047207	0	0.28904721
130	20	0	0	2.031975	0	0	0	0.14848692	11.76	0.301721721	0	0.30172172
130	21	0	0.096	2.076969	0	0	0	0.15107401	11.76	0.31377599	0	0.31377599
130	22	0	0.096	1.827728	0	0	0	0.16283409	11.76	0.297616488	0	0.29761649
130	23	0	0.55	1.865	0	0	0	0.15908955	11.76	0.296702011	0	0.29670201
130	24	0	0.887	1.749885	0	0	0	0.16977321	11.76	0.29708354	0	0.29708354
131	1	0	1.3	1.882116	0	0	0	0.16867002	11.76	0.31745649	0	0.31745649
131	2	0	1.488	1.959904	0	0	0	0.17236144	11.76	0.337811901	0	0.3378119
131	3	0	1.573	2.041429	0	0	0	0.16497584	11.76	0.336786386	0	0.33678639
131	4	0	1.641	2.194651	0	0	0	0.16796961	11.76	0.368634695	0	0.3686347
131	5	0	1.602	2.335659	0	0	0	0.15585891	11.76	0.364033266	0	0.36403327
131	6	0	1.186	2.292058	0	0	0	0.11562043	11.76	0.265008682	0	0.26500868
131	7	0	0.501	2.115604	0	0	0	0.09817137	11.76	0.207691746	0	0.20769175
131	8	0	0.096	1.490342	0	0	0	0.10160133	11.76	0.151420767	0	0.15142077
131	9	0	0	1.422514	0	0	0	0.09816068	11.76	0.139634903	0	0.1396349
131	10	0	0	1.392332	0	0	0	0.09680755	11.76	0.134788251	0	0.13478825
131	11	0	0	1.218327	0	0	0	0.09426209	11.76	0.114842086	0	0.11484209
131	12	0	0	1.177866	0	0	0	0.09345169	11.76	0.110073609	0	0.11007361
131	13	0	0	1.13518	0	0	0	0.0892589	11.76	0.101324916	0	0.10132492
131	14	0	0	1.067062	0	0	0	0.09046801	11.76	0.096534989	0	0.09653499
131	15	0	0	1.152726	0	0	0	0.09047418	11.76	0.104291915	0	0.10429191
131	16	0	0	1.27644	0	0	0	0.0901526	11.76	0.115074367	0	0.11507437
131	17	0	0	1.540949	0	0	0	0.11094807	11.76	0.170965334	0	0.17096533
131	18	0	0	1.896422	0	0	0	0.13849421	11.76	0.262643517	0	0.26264352
131	19	0	0	1.950834	0	0	0	0.14809004	11.76	0.288899128	0	0.28889913
131	20	0	0	2.030975	0	0	0	0.14848692	11.76	0.301573245	0	0.30157325
131	21	0	0	2.025969	0	0	0	0.15107401	11.76	0.306071197	0	0.3060712
131	22	0	0	1.776728	0	0	0	0.16283409	11.76	0.28931195	0	0.28931195
131	23	0	0.096	1.41	0	0	0	0.15908955	11.76	0.224316278	0	0.22431628
131	24	0	0.096	0.957885	0	0	0	0.16977321	11.76	0.162623151	0	0.16262315
132	1	0	0.296	0.878116	0	0	0	0.16867002	11.76	0.148111782	0	0.14811178
132	2	0	0.49	0.961904	0	0	0	0.17236144	11.76	0.165795183	0	0.16579518
132	3	0	0.62	1.087429	0	0	0	0.16497584	11.76	0.179399458	0	0.17939946
132	4	0	0.763	1.315651	0	0	0	0.16796961	11.76	0.220989416	0	0.22098942
132	5	0	0.756	1.489659	0	0	0	0.15585891	11.76	0.232176655	0	0.23217666
132	6	0	0.688	1.794057	0	0	0	0.11562043	11.76	0.207429703	0	0.2074297
132	7	0	0.171	1.785604	0	0	0	0.09817137	11.76	0.175295199	0	0.1752952
132	8	0	0	1.440342	0	0	0	0.10160133	11.76	0.146340706	0	0.14634071
132	9	0	0	1.422514	0	0	0	0.09816068	11.76	0.139634903	0	0.1396349
132	10	0	0	1.391332	0	0	0	0.09680755	11.76	0.134691451	0	0.13469145
132	11	0	0	1.218327	0	0	0	0.09426209	11.76	0.114842086	0	0.11484209
132	12	0	0	1.176867	0	0	0	0.09345169	11.76	0.109980164	0	0.10998016
132	13	0	0	1.13418	0	0	0	0.0892589	11.76	0.101235653	0	0.10123565
132	14	0	0	1.067062	0	0	0	0.09046801	11.76	0.096534989	0	0.09653499
132	15	0	0	1.152726	0	0	0	0.09047418	11.76	0.104291915	0	0.10429191
132	16	0	0	1.27644	0	0	0	0.0901526	11.76	0.115074367	0	0.11507437
132	17	0	0	1.539949	0	0	0	0.11094807	11.76	0.170854381	0	0.17085438
132	18	0	0	1.896422	0	0	0	0.13849421	11.76	0.262643517	0	0.26264352
132	19	0	0	1.950834	0	0	0	0.14809004	11.76	0.288899128	0	0.28889913
132	20	0	0	2.030975	0	0	0	0.14848692	11.76	0.301573245	0	0.30157325
132	21	0	0	1.979969	0	0	0	0.15107401	11.76	0.299121792	0	0.29912179
132	22	0	0.096	1.826728	0	0	0	0.16283409	11.76	0.297453666	0	0.29745367
132	23	0	0	1.359	0	0	0	0.15908955	11.76	0.216202692	0	0.21620269
132	24	0	0	0.907885	0	0	0	0.16977321	11.76	0.154134489	0	0.15413449
133	1	0	0.153	0.734116	0	0	0	0.16867002	11.76	0.123823291	0	0.12382329
133	2	0	0.451	0.922904	0	0	0	0.17236144	11.76	0.159073102	0	0.1590731
133	3	0	0.594	1.061429	0	0	0	0.16497584	11.76	0.175110082	0	0.17511008
133	4	0	0.721	1.273651	0	0	0	0.16796961	11.76	0.213934683	0	0.21393468
133	5	0	1.109	1.842659	0	0	0	0.15585891	11.76	0.287194838	0	0.28719484
133	6	0	0.447	1.553058	0	0	0	0.11562043	11.76	0.179565186	0	0.17956519
133	7	0	0	1.660604	0	0	0	0.09817137	11.76	0.163023766	0	0.16302377
133	8	0	0	1.440342	0	0	0	0.10160133	11.76	0.146340706	0	0.14634071
133	9	0	0	1.421514	0	0	0	0.09816068	11.76	0.139536738	0	0.13953674
133	10	0	0	1.345332	0	0	0	0.09680755	11.76	0.130238303	0	0.1302383
133	11	0	0	1.217327	0	0	0	0.09426209	11.76	0.11474782	0	0.11474782
133	12	0	0	1.176867	0	0	0	0.09345169	11.76	0.109980164	0	0.10998016
133	13	0	0	1.13418	0	0	0	0.0892589	11.76	0.101235653	0	0.10123565
133	14	0	0	1.067062	0	0	0	0.09046801	11.76	0.096534989	0	0.09653499
133	15	0	0	1.152726	0	0	0	0.09047418	11.76	0.104291915	0	0.10429191
133	16	0	0	1.27644	0	0	0	0.0901526	11.76	0.115074367	0	0.11507437
133	17	0	0	1.539949	0	0	0	0.11094807	11.76	0.170854381	0	0.17085438
133	18	0	0	1.896422	0	0	0	0.13849421	11.76	0.262643517	0	0.26264352
133	19	0	0	1.950834	0	0	0	0.14809004	11.76	0.288899128	0	0.28889913
133	20	0	0	2.030975	0	0	0	0.14848692	11.76	0.301573245	0	0.30157325
133	21	0	0	1.979969	0	0	0	0.15107401	11.76	0.299121792	0	0.29912179
133	22	0	0	1.730728	0	0	0	0.16283409	11.76	0.281821581	0	0.28182158
133	23	0	0	1.359	0	0	0	0.15908955	11.76	0.216202692	0	0.21620269
133	24	0	0	0.906885	0	0	0	0.16977321	11.76	0.153964718	0	0.15396472
134	1	0	0	0.627116	0	0	0	0.16867002	11.76	0.1057756	0	0.1057756
134	2	0	0	0.517904	0	0	0	0.17236144	11.76	0.089266715	0	0.08926672
134	3	0	0.25	0.717429	0	0	0	0.16497584	11.76	0.118358397	0	0.1183584
134	4	0	0.431	0.983651	0	0	0	0.16796961	11.76	0.165223493	0	0.16522349
134	5	0	0.594	1.327659	0	0	0	0.15585891	11.76	0.206927503	0	0.2069275
134	6	0	0.137	1.243057	0	0	0	0.11562043	11.76	0.143722845	0	0.14372284
134	7	0	0	1.660604	0	0	0	0.09817137	11.76	0.163023766	0	0.16302377
134	8	0	0	1.439342	0	0	0	0.10160133	11.76	0.1462391	0	0.1462391
134	9	0	0	1.375514	0	0	0	0.09816068	11.76	0.135021346	0	0.13502135
134	10	0	0	1.345332	0	0	0	0.09680755	11.76	0.130238303	0	0.1302383
134	11	0	0	1.218327	0	0	0	0.09426209	11.76	0.114842086	0	0.11484209
134	12	0	0	1.177866	0	0	0	0.09345169	11.76	0.110073609	0	0.11007361
134	13	0	0	1.13418	0	0	0	0.0892589	11.76	0.101235653	0	0.10123565
134	14	0	0	1.066062	0	0	0	0.09046801	11.76	0.096444528	0	0.09644453
134	15	0	0	1.150726	0	0	0	0.09047418	11.76	0.104110968	0	0.10411097
134	16	0	0	1.27344	0	0	0	0.0901526	11.76	0.114803907	0	0.11480391
134	17	0	0	1.537949	0	0	0	0.11094807	11.76	0.170632488	0	0.17063249
134	18	0.817	0	2.711422	0	0	0	0.13849421	11.76	0.375516304	0	0.3755163
134	19	0	0	1.946834	0	0	0	0.14809004	11.76	0.288306776	0	0.28830678
134	20	0	0	2.031975	0	0	0	0.14848692	11.76	0.301721721	0	0.30172172
134	21	0	0	1.980969	0	0	0	0.15107401	11.76	0.299272873	0	0.29927287
134	22	0	0	1.731728	0	0	0	0.16283409	11.76	0.281984423	0	0.28198442
134	23	0	0	1.314	0	0	0	0.15908955	11.76	0.209043669	0	0.20904367
134	24	0	0	0.861885	0	0	0	0.16977321	11.76	0.146324931	0	0.14632493
135	1	0	0	0.627116	0	0	0	0.16867002	11.76	0.1057756	0	0.1057756

135	2	0	0	0.517904	0	0	0	0.17236144	11.76	0.089266715	0	0.08926672
135	3	0	0.158	0.625429	0	0	0	0.16497584	11.76	0.103180619	0	0.10318062
135	4	0	0.362	0.914651	0	0	0	0.16796961	11.76	0.153633589	0	0.15363359
135	5	0	0.356	1.089659	0	0	0	0.15585891	11.76	0.169833077	0	0.16983308
135	6	0	0	1.152058	0	0	0	0.11562043	11.76	0.13320139	0	0.13320139
135	7	0	0	1.660604	0	0	0	0.09817137	11.76	0.163023766	0	0.16302377
135	8	0	0	1.393342	0	0	0	0.10160133	11.76	0.141565438	0	0.14156544
135	9	0	0	1.375514	0	0	0	0.09816068	11.76	0.135021346	0	0.13502135
135	10	0	0	1.392332	0	0	0	0.09680755	11.76	0.134788251	0	0.13478825
135	11	0	0	1.216327	0	0	0	0.09426209	11.76	0.114653564	0	0.11465356
135	12	0	0	1.223866	0	0	0	0.09345169	11.76	0.114372387	0	0.11437239
135	13	0.428	0	1.55918	0	0	0	0.0892589	11.76	0.139170681	0	0.13917068
135	14	0	0	1.063062	0	0	0	0.09046801	11.76	0.096173122	0	0.09617312
135	15	1.158	0	2.307726	0	0	0	0.09047418	11.76	0.208789592	0	0.20878959
135	16	1.477	0	2.74944	0	0	0	0.0901526	11.76	0.247869143	0	0.24786914
135	17	1.641	0	3.176949	0	0	0	0.11094807	11.76	0.352476373	0	0.35247637
135	18	0	0	1.892422	0	0	0	0.13849421	11.76	0.262089547	0	0.26208955
135	19	0	0	1.949834	0	0	0	0.14809004	11.76	0.288751049	0	0.28875105
135	20	0	0	2.030975	0	0	0	0.14848692	11.76	0.301573245	0	0.30157325
135	21	0	0	1.980969	0	0	0	0.15107401	11.76	0.299272873	0	0.29927287
135	22	0	0	1.731728	0	0	0	0.16283409	11.76	0.281984423	0	0.28198442
135	23	0	0	1.314	0	0	0	0.15908955	11.76	0.209043669	0	0.20904367
135	24	0	0	0.907885	0	0	0	0.16977321	11.76	0.154134489	0	0.15413449
136	1	0	0	0.627116	0	0	0	0.16867002	11.76	0.1057756	0	0.1057756
136	2	0	0	0.517904	0	0	0	0.17236144	11.76	0.089266715	0	0.08926672
136	3	0	0.133	0.600429	0	0	0	0.16497584	11.76	0.099056217	0	0.09905622
136	4	0	0.253	0.805651	0	0	0	0.16796961	11.76	0.135324896	0	0.1353249
136	5	0	0.266	0.999659	0	0	0	0.15585891	11.76	0.155805779	0	0.15580578
136	6	0	0.284	1.390058	0	0	0	0.11562043	11.76	0.160719057	0	0.16071906
136	7	0	0.294	1.908604	0	0	0	0.09817137	11.76	0.187370269	0	0.18737027
136	8	0	0.151	1.545342	0	0	0	0.10160133	11.76	0.157008847	0	0.15700885
136	9	0	0.143	1.519514	0	0	0	0.09816068	11.76	0.14915649	0	0.14915649
136	10	0	0	1.393332	0	0	0	0.09680755	11.76	0.134885064	0	0.13488506
136	11	0	0	1.266327	0	0	0	0.09426209	11.76	0.119366664	0	0.11936666
136	12	0	0	1.178867	0	0	0	0.09345169	11.76	0.110167065	0	0.11016707
136	13	0	0	1.13618	0	0	0	0.0892589	11.76	0.101414169	0	0.10141417
136	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
136	15	0	0	1.153726	0	0	0	0.09047418	11.76	0.104382393	0	0.10438239
136	16	0	0	1.27744	0	0	0	0.0901526	11.76	0.115164524	0	0.11516452
136	17	0	0	1.541949	0	0	0	0.11094807	11.76	0.171076274	0	0.17107627
136	18	0	0	1.897423	0	0	0	0.13849421	11.76	0.262782034	0	0.26278203
136	19	0	0	1.951834	0	0	0	0.14809004	11.76	0.289047207	0	0.28904721
136	20	0	0	2.031975	0	0	0	0.14848692	11.76	0.301721721	0	0.30172172
136	21	0	0	2.026968	0	0	0	0.15107401	11.76	0.30622226	0	0.30622226
136	22	0	0	1.777728	0	0	0	0.16283409	11.76	0.289474791	0	0.28947479
136	23	0	0.152	1.467	0	0	0	0.15908955	11.76	0.23338437	0	0.23338437
136	24	0	0.353	1.215885	0	0	0	0.16977321	11.76	0.206424641	0	0.20642464
137	1	0	0.449	1.031116	0	0	0	0.16867002	11.76	0.173918294	0	0.17391829
137	2	0	0.587	1.058904	0	0	0	0.17236144	11.76	0.182514243	0	0.18251424
137	3	0	0.595	1.062429	0	0	0	0.16497584	11.76	0.175275066	0	0.17527507
137	4	0	0.661	1.213651	0	0	0	0.16796961	11.76	0.203856516	0	0.20385652
137	5	0	0.683	1.416659	0	0	0	0.15585891	11.76	0.220798944	0	0.22079894
137	6	0	0.641	1.747058	0	0	0	0.11562043	11.76	0.201995551	0	0.20199555
137	7	0	0.651	2.265604	0	0	0	0.09817137	11.76	0.222417461	0	0.22241746
137	8	0	0.601	1.995342	0	0	0	0.10160133	11.76	0.202729438	0	0.20272944
137	9	0	0.393	1.769514	0	0	0	0.09816068	11.76	0.17369666	0	0.17369666
137	10	0	0.324	1.671332	0	0	0	0.09680755	11.76	0.161797575	0	0.16179757
137	11	0	0.22	1.440327	0	0	0	0.09426209	11.76	0.13576827	0	0.13576827
137	12	0	0.191	1.370867	0	0	0	0.09345169	11.76	0.128109793	0	0.12810979
137	13	0	0.139	1.27618	0	0	0	0.0892589	11.76	0.113910413	0	0.11391041
137	14	0	0.096	1.166062	0	0	0	0.09046801	11.76	0.10549132	0	0.10549132
137	15	0	0.096	1.250726	0	0	0	0.09047418	11.76	0.113158389	0	0.11315839
137	16	0	0.096	1.37444	0	0	0	0.0901526	11.76	0.123909327	0	0.12390933
137	17	0	0	1.588949	0	0	0	0.11094807	11.76	0.17629084	0	0.17629084
137	18	0	0.181	2.079422	0	0	0	0.13849421	11.76	0.287987969	0	0.28798797
137	19	0	0.38	2.332834	0	0	0	0.14809004	11.76	0.345469519	0	0.34546952
137	20	0	0.595	2.627975	0	0	0	0.14848692	11.76	0.390219921	0	0.39021992
137	21	0	0.775	2.756968	0	0	0	0.15107401	11.76	0.416506292	0	0.41650629
137	22	0	0.887	2.619729	0	0	0	0.16283409	11.76	0.426581115	0	0.42658112
137	23	0	1.228	2.543	0	0	0	0.15908955	11.76	0.404564721	0	0.40456472
137	24	0	1.415	2.277885	0	0	0	0.16977321	11.76	0.386723792	0	0.38672379
138	1	0	1.423	2.005116	0	0	0	0.16867002	11.76	0.338202866	0	0.33820287
138	2	0	1.457	1.929904	0	0	0	0.17236144	11.76	0.332641062	0	0.33264106
138	3	0	1.356	1.824429	0	0	0	0.16497584	11.76	0.300986628	0	0.30098663
138	4	0	1.381	1.934651	0	0	0	0.16796961	11.76	0.324962578	0	0.32496258
138	5	0	1.594	2.327659	0	0	0	0.15585891	11.76	0.362786411	0	0.36278641
138	6	0	1.425	2.531058	0	0	0	0.11562043	11.76	0.292641974	0	0.29264197
138	7	0	1.224	2.838604	0	0	0	0.09817137	11.76	0.278669654	0	0.27866965
138	8	0	1.22	2.614342	0	0	0	0.10160133	11.76	0.265620669	0	0.26562067
138	9	0	0.868	2.244514	0	0	0	0.09816068	11.76	0.220322974	0	0.22032297
138	10	0	0.503	1.850332	0	0	0	0.09680755	11.76	0.179126117	0	0.17912612
138	11	0	0	1.266327	0	0	0	0.09426209	11.76	0.119366664	0	0.11936666
138	12	0	0	1.224867	0	0	0	0.09345169	11.76	0.114465843	0	0.11446584
138	13	0	0	1.18118	0	0	0	0.0892589	11.76	0.105430815	0	0.10543082
138	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
138	15	0	0	1.152726	0	0	0	0.09047418	11.76	0.104291915	0	0.10429191
138	16	0	0	1.27644	0	0	0	0.0901526	11.76	0.115074367	0	0.11507437
138	17	0	0	1.540949	0	0	0	0.11094807	11.76	0.170965334	0	0.17096533
138	18	0	0	1.896422	0	0	0	0.13849421	11.76	0.262643517	0	0.26264352
138	19	0	0	1.950834	0	0	0	0.14809004	11.76	0.288899128	0	0.28889913
138	20	0	0	2.030975	0	0	0	0.14848692	11.76	0.301573245	0	0.30157325
138	21	0	0.096	2.075969	0	0	0	0.15107401	11.76	0.313624891	0	0.31362489
138	22	0	0.096	1.826728	0	0	0	0.16283409	11.76	0.297453666	0	0.29745367
138	23	0	0.096	1.41	0	0	0	0.15908955	11.76	0.224316278	0	0.22431628
138	24	0	0.341	1.203885	0	0	0	0.16977321	11.76	0.204387369	0	0.20438737
139	1	0	0.622	1.204116	0	0	0	0.16867002	11.76	0.203098203	0	0.2030982
139	2	0	0.818	1.289904	0	0	0	0.17236144	11.76	0.222329726	0	0.22232973
139	3	0	0.859	1.326429	0	0	0	0.16497584	11.76	0.218828677	0	0.21882868
139	4	0	0.865	1.417651	0	0	0	0.16796961	11.76	0.238122316	0	0.23812232
139	5	0	0.866	1.599659	0	0	0	0.15585891	11.76	0.249321119	0	0.24932112
139	6	0	0.74	1.846058	0	0	0	0.11562043	11.76	0.213441971	0	0.21344197
139	7	0	0.708	2.322604	0	0	0	0.09817137	11.76	0.228013222	0	0.22801322
139	8	0	0.608	2.002342	0	0	0	0.10160133	11.76	0.203440657	0	0.20344066
139	9	0	0	1.422514	0	0	0	0.09816068	11.76	0.139634903	0	0.1396349
139	10	0	0	1.392332	0	0	0	0.09680755	11.76	0.134788251	0	0.13478825
139	11	0	0	1.264327	0	0	0	0.09426209	11.76	0.119178142	0	0.11917814
139	12	0	0	1.176867	0	0	0	0.09345169	11.76	0.109980164	0	0.10998016
139	13	0	0	1.13318	0	0	0	0.0892589	11.76	0.10114639	0	0.10114639
139	14	0	0	1.066062	0	0	0	0.09046801	11.76	0.096444528	0	0.09644453
139	15	0	0	1.151726	0	0	0	0.09047418	11.76	0.104201447	0	0.10420145
139	16	0	0	1.27544	0	0	0	0.0901526	11.76	0.11498421	0	0.11498421

139	17	0	0	1.538949	0	0	0	0.11094807	11.76	0.170743428	0	0.17074343
139	18	0	0	1.895422	0	0	0	0.13849421	11.76	0.262505032	0	0.26250503
139	19	0	0	1.949834	0	0	0	0.14809004	11.76	0.288751049	0	0.28875105
139	20	0	0	2.075975	0	0	0	0.14848692	11.76	0.308255133	0	0.30825513
139	21	0	0	2.024969	0	0	0	0.15107401	11.76	0.305920134	0	0.30592013
139	22	0	0	1.775728	0	0	0	0.16283409	11.76	0.289149127	0	0.28914913
139	23	0	0	1.359	0	0	0	0.15908955	11.76	0.216202692	0	0.21620269
139	24	0	0.096	0.957885	0	0	0	0.16977321	11.76	0.162623151	0	0.16262315
140	1	0	0.146	0.727116	0	0	0	0.16867002	11.76	0.122642606	0	0.12264261
140	2	0	0.461	0.932904	0	0	0	0.17236144	11.76	0.160796715	0	0.16079671
140	3	0	0.706	1.173429	0	0	0	0.16497584	11.76	0.193587374	0	0.19358737
140	4	0	0.802	1.354651	0	0	0	0.16796961	11.76	0.227540217	0	0.22754022
140	5	0	0.809	1.542659	0	0	0	0.15585891	11.76	0.240437173	0	0.24043717
140	6	0	0.652	1.758058	0	0	0	0.11562043	11.76	0.20326738	0	0.20326738
140	7	0	0.465	2.079604	0	0	0	0.09817137	11.76	0.204157575	0	0.20415757
140	8	0	0	1.440342	0	0	0	0.10160133	11.76	0.146340706	0	0.14634071
140	9	0	0	1.422514	0	0	0	0.09816068	11.76	0.139634903	0	0.1396349
140	10	0	0	1.392332	0	0	0	0.09680755	11.76	0.134788251	0	0.13478825
140	11	0	0	1.264327	0	0	0	0.09426209	11.76	0.119178142	0	0.11917814
140	12	0	0	1.175866	0	0	0	0.09345169	11.76	0.109886708	0	0.10988671
140	13	0	0	1.13218	0	0	0	0.0892589	11.76	0.101057138	0	0.10105714
140	14	0	0	1.065062	0	0	0	0.09046801	11.76	0.096354055	0	0.09635406
140	15	0	0	1.150726	0	0	0	0.09047418	11.76	0.104110968	0	0.10411097
140	16	0	0	1.27444	0	0	0	0.0901526	11.76	0.114894064	0	0.11489406
140	17	0	0	1.537949	0	0	0	0.11094807	11.76	0.170632488	0	0.17063249
140	18	0	0	1.894423	0	0	0	0.13849421	11.76	0.262366548	0	0.26236655
140	19	0	0	1.948834	0	0	0	0.14809004	11.76	0.288602934	0	0.28860293
140	20	0	0	2.028975	0	0	0	0.14848692	11.76	0.301276257	0	0.30127626
140	21	0	0	1.977969	0	0	0	0.15107401	11.76	0.298819648	0	0.29881965
140	22	0	0	1.774728	0	0	0	0.16283409	11.76	0.288986286	0	0.28898629
140	23	0	0.096	1.408	0	0	0	0.15908955	11.76	0.223998084	0	0.22399808
140	24	0	0.096	0.956885	0	0	0	0.16977321	11.76	0.16245338	0	0.16245338
141	1	0	0.096	0.676116	0	0	0	0.16867002	11.76	0.114040435	0	0.11404043
141	2	0	0.205	0.676904	0	0	0	0.17236144	11.76	0.11667218	0	0.11667218
141	3	0	0.595	1.062429	0	0	0	0.16497584	11.76	0.175275046	0	0.17527505
141	4	0	0.815	1.367651	0	0	0	0.16796961	11.76	0.229723804	0	0.2297238
141	5	0	1.066	1.799659	0	0	0	0.15585891	11.76	0.280492908	0	0.28049291
141	6	0	0.736	1.842058	0	0	0	0.11562043	11.76	0.212979495	0	0.2129795
141	7	0	0.415	2.029604	0	0	0	0.09817137	11.76	0.199249011	0	0.19924901
141	8	0	0.275	1.669342	0	0	0	0.10160133	11.76	0.169607407	0	0.16960741
141	9	0	0	1.422514	0	0	0	0.09816068	11.76	0.139634903	0	0.1396349
141	10	0	0	1.392332	0	0	0	0.09680755	11.76	0.134788251	0	0.13478825
141	11	0	0	1.265327	0	0	0	0.09426209	11.76	0.119272398	0	0.1192724
141	12	0	0	1.222866	0	0	0	0.09345169	11.76	0.114278931	0	0.11427893
141	13	0	0	1.13318	0	0	0	0.0892589	11.76	0.10114639	0	0.10114639
141	14	0	0	1.066062	0	0	0	0.09046801	11.76	0.096444528	0	0.09644453
141	15	0	0	1.150726	0	0	0	0.09047418	11.76	0.104110968	0	0.10411097
141	16	0	0	1.27544	0	0	0	0.0901526	11.76	0.11498421	0	0.11498421
141	17	0	0	1.538949	0	0	0	0.11094807	11.76	0.170743428	0	0.17074343
141	18	0	0	1.895422	0	0	0	0.13849421	11.76	0.262505032	0	0.26250503
141	19	0	0	1.949834	0	0	0	0.14809004	11.76	0.288751049	0	0.28875105
141	20	0	0	2.029975	0	0	0	0.14848692	11.76	0.301424734	0	0.30142473
141	21	0	0	1.978969	0	0	0	0.15107401	11.76	0.298970729	0	0.29897073
141	22	0	0	1.775728	0	0	0	0.16283409	11.76	0.289149127	0	0.28914913
141	23	0	0	1.358	0	0	0	0.15908955	11.76	0.216043614	0	0.21604361
141	24	0	0	0.906885	0	0	0	0.16977321	11.76	0.153964718	0	0.15396472
142	1	0	0	0.626116	0	0	0	0.16867002	11.76	0.105606932	0	0.10560693
142	2	0	0	0.517904	0	0	0	0.17236144	11.76	0.089266715	0	0.08926672
142	3	0	0.107	0.574429	0	0	0	0.16497584	11.76	0.094766852	0	0.09476685
142	4	0	0.354	0.906651	0	0	0	0.16796961	11.76	0.152289839	0	0.15228984
142	5	0	0.411	1.144659	0	0	0	0.15585891	11.76	0.178405327	0	0.17840533
142	6	0	0.362	1.468058	0	0	0	0.11562043	11.76	0.169737445	0	0.16973744
142	7	0	0.26	1.874604	0	0	0	0.09817137	11.76	0.18403245	0	0.18403245
142	8	0	0.142	1.536342	0	0	0	0.10160133	11.76	0.156094429	0	0.15609443
142	9	0	0	1.422514	0	0	0	0.09816068	11.76	0.139634903	0	0.1396349
142	10	0	0	1.392332	0	0	0	0.09680755	11.76	0.134788251	0	0.13478825
142	11	0	0	1.218327	0	0	0	0.09426209	11.76	0.114842086	0	0.11484209
142	12	0	0	1.177866	0	0	0	0.09345169	11.76	0.110073609	0	0.11007361
142	13	0	0	1.13518	0	0	0	0.0892589	11.76	0.101324916	0	0.10132492
142	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
142	15	0	0	1.152726	0	0	0	0.09047418	11.76	0.104291915	0	0.10429191
142	16	0	0	1.27644	0	0	0	0.0901526	11.76	0.115074367	0	0.11507437
142	17	0	0	1.540949	0	0	0	0.11094807	11.76	0.170965334	0	0.17096533
142	18	0	0	1.896422	0	0	0	0.13849421	11.76	0.262643517	0	0.26264352
142	19	0	0	1.950834	0	0	0	0.14809004	11.76	0.288899128	0	0.28889913
142	20	0	0	2.030975	0	0	0	0.14848692	11.76	0.301573245	0	0.30157325
142	21	0	0	1.979969	0	0	0	0.15107401	11.76	0.299121792	0	0.29912179
142	22	0	0	1.776728	0	0	0	0.16283409	11.76	0.28931195	0	0.28931195
142	23	0	0	1.36	0	0	0	0.15908955	11.76	0.216361789	0	0.21636179
142	24	0	0	0.907885	0	0	0	0.16977321	11.76	0.154134489	0	0.15413449
143	1	0	0.378	0.960116	0	0	0	0.16867002	11.76	0.161942716	0	0.16194272
143	2	0	0.544	1.015904	0	0	0	0.17236144	11.76	0.175102704	0	0.1751027
143	3	0	0.684	1.151429	0	0	0	0.16497584	11.76	0.189957913	0	0.18995791
143	4	0	0.754	1.306651	0	0	0	0.16796961	11.76	0.219477679	0	0.21947768
143	5	0	0.836	1.569659	0	0	0	0.15585891	11.76	0.244645356	0	0.24464536
143	6	0	0.707	1.813058	0	0	0	0.11562043	11.76	0.209626497	0	0.2096265
143	7	0	0.576	2.190604	0	0	0	0.09817137	11.76	0.215054603	0	0.2150546
143	8	0	0.446	1.840342	0	0	0	0.10160133	11.76	0.186981235	0	0.18698124
143	9	0	0.21	1.586514	0	0	0	0.09816068	11.76	0.155733258	0	0.15573326
143	10	0	0	1.393332	0	0	0	0.09680755	11.76	0.134885064	0	0.13488506
143	11	0	0	1.265327	0	0	0	0.09426209	11.76	0.119272398	0	0.1192724
143	12	0	0	1.177866	0	0	0	0.09345169	11.76	0.110073609	0	0.11007361
143	13	0	0	1.13518	0	0	0	0.0892589	11.76	0.101324916	0	0.10132492
143	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
143	15	0	0	1.152726	0	0	0	0.09047418	11.76	0.104291915	0	0.10429191
143	16	0	0	1.27644	0	0	0	0.0901526	11.76	0.115074367	0	0.11507437
143	17	0	0.05	1.590949	0	0	0	0.11094807	11.76	0.176512733	0	0.17651273
143	18	0	0.096	1.993423	0	0	0	0.13849421	11.76	0.276077472	0	0.27607747
143	19	0	0.096	2.047834	0	0	0	0.14809004	11.76	0.303263845	0	0.30326384
143	20	0	0.096	2.127975	0	0	0	0.14848692	11.76	0.315976459	0	0.31597646
143	21	0	0.096	2.076969	0	0	0	0.15107401	11.76	0.31377599	0	0.31377599
143	22	0	0.338	2.070728	0	0	0	0.16283409	11.76	0.337185157	0	0.33718516
143	23	0	0.636	1.951	0	0	0	0.15908955	11.76	0.310383706	0	0.31038371
143	24	0	0.838	1.700885	0	0	0	0.16977321	11.76	0.288764648	0	0.28876465
144	1	0	0.902	1.484116	0	0	0	0.16867002	11.76	0.250325803	0	0.2503258
144	2	0	0.938	1.409904	0	0	0	0.17236144	11.76	0.243013119	0	0.24301312
144	3	0	1.004	1.471429	0	0	0	0.16497584	11.76	0.24275017	0	0.24275017
144	4	0	1.023	1.575651	0	0	0	0.16796961	11.76	0.264661513	0	0.26466151
144	5	0	0.946	1.679659	0	0	0	0.15585891	11.76	0.261789838	0	0.26178984
144	6	0	0.985	2.091058	0	0	0	0.11562043	11.76	0.241768977	0	0.24176898
144	7	0	0.707	2.321604	0	0	0	0.09817137	11.76	0.227915058	0	0.22791506

144	8	0	0.37	1.764342	0	0	0	0.10160133	11.76	0.179259536	0	0.17925954
144	9	0	0	1.422514	0	0	0	0.09816068	11.76	0.139634903	0	0.1396349
144	10	0	0	1.393332	0	0	0	0.09680755	11.76	0.134885064	0	0.13488506
144	11	0	0	1.265327	0	0	0	0.09426209	11.76	0.119272398	0	0.1192724
144	12	0	0	1.177866	0	0	0	0.09345169	11.76	0.110073609	0	0.11007361
144	13	0	0	1.13418	0	0	0	0.0892589	11.76	0.101235653	0	0.10123565
144	14	0	0	1.067062	0	0	0	0.09046801	11.76	0.096534989	0	0.09653499
144	15	0	0	1.152726	0	0	0	0.09047418	11.76	0.104291915	0	0.10429191
144	16	0	0	1.27644	0	0	0	0.0901526	11.76	0.115074367	0	0.11507437
144	17	0	0	1.540949	0	0	0	0.11094807	11.76	0.170965334	0	0.17096533
144	18	0	0	1.896422	0	0	0	0.13849421	11.76	0.262643517	0	0.26264352
144	19	0	0	1.950834	0	0	0	0.14809004	11.76	0.288899128	0	0.28889913
144	20	0	0	2.030975	0	0	0	0.14848692	11.76	0.301573245	0	0.30157325
144	21	0	0	2.025969	0	0	0	0.15107401	11.76	0.306071197	0	0.3060712
144	22	0	0	1.776728	0	0	0	0.16283409	11.76	0.28931195	0	0.28931195
144	23	0	0.096	1.41	0	0	0	0.15908955	11.76	0.224316278	0	0.22431628
144	24	0	0.096	0.957885	0	0	0	0.16977321	11.76	0.162623151	0	0.16262315
145	1	0	0.386	0.968116	0	0	0	0.16867002	11.76	0.163292069	0	0.16329207
145	2	0	0.54	1.011904	0	0	0	0.17236144	11.76	0.174413267	0	0.17441327
145	3	0	0.662	1.129429	0	0	0	0.16497584	11.76	0.186328432	0	0.18632843
145	4	0	0.736	1.288651	0	0	0	0.16796961	11.76	0.216454205	0	0.21645421
145	5	0	0.795	1.528659	0	0	0	0.15585891	11.76	0.23825514	0	0.23825514
145	6	0	0.311	1.417058	0	0	0	0.11562043	11.76	0.163840803	0	0.1638408
145	7	0	0	1.660604	0	0	0	0.09817137	11.76	0.163023766	0	0.16302377
145	8	0	0	1.440342	0	0	0	0.10160133	11.76	0.146340706	0	0.14634071
145	9	0	0	1.421514	0	0	0	0.09816068	11.76	0.139536738	0	0.13953674
145	10	0	0	1.345332	0	0	0	0.09680755	11.76	0.130238303	0	0.1302383
145	11	0	0	1.217327	0	0	0	0.09426209	11.76	0.11474782	0	0.11474782
145	12	0	0	1.176867	0	0	0	0.09345169	11.76	0.109980164	0	0.10998016
145	13	0	0	1.13418	0	0	0	0.0892589	11.76	0.101235653	0	0.10123565
145	14	0	0	1.067062	0	0	0	0.09046801	11.76	0.096534989	0	0.09653499
145	15	0	0	1.152726	0	0	0	0.09047418	11.76	0.104291915	0	0.10429191
145	16	0	0	1.27644	0	0	0	0.0901526	11.76	0.115074367	0	0.11507437
145	17	0	0	1.540949	0	0	0	0.11094807	11.76	0.170965334	0	0.17096533
145	18	0	0	1.896422	0	0	0	0.13849421	11.76	0.262643517	0	0.26264352
145	19	0	0	1.950834	0	0	0	0.14809004	11.76	0.288899128	0	0.28889913
145	20	0	0	2.030975	0	0	0	0.14848692	11.76	0.301573245	0	0.30157325
145	21	0	0	1.979969	0	0	0	0.15107401	11.76	0.299121792	0	0.29912179
145	22	0	0	1.776728	0	0	0	0.16283409	11.76	0.28931195	0	0.28931195
145	23	0	0	1.359	0	0	0	0.15908955	11.76	0.216202692	0	0.21620269
145	24	0	0	0.907885	0	0	0	0.16977321	11.76	0.154134489	0	0.15413449
146	1	0	0	0.627116	0	0	0	0.16867002	11.76	0.1057756	0	0.1057756
146	2	0	0.291	0.762904	0	0	0	0.17236144	11.76	0.131495268	0	0.13149527
146	3	0	0.408	0.875429	0	0	0	0.16497584	11.76	0.144424578	0	0.14442458
146	4	0	0.486	1.038651	0	0	0	0.16796961	11.76	0.174461822	0	0.17446182
146	5	0	0.466	1.199659	0	0	0	0.15585891	11.76	0.186977559	0	0.18697756
146	6	0	0.403	1.509058	0	0	0	0.11562043	11.76	0.174477884	0	0.17447788
146	7	0	0.33	1.944604	0	0	0	0.09817137	11.76	0.19090444	0	0.19090444
146	8	0	0.174	1.568342	0	0	0	0.10160133	11.76	0.159345678	0	0.15934568
146	9	0	0	1.422514	0	0	0	0.09816068	11.76	0.139634903	0	0.1396349
146	10	0	0	1.393332	0	0	0	0.09680755	11.76	0.134885064	0	0.13488506
146	11	0	0	1.265327	0	0	0	0.09426209	11.76	0.119272398	0	0.1192724
146	12	0	0	1.224867	0	0	0	0.09345169	11.76	0.114465843	0	0.11446584
146	13	0	0	1.18118	0	0	0	0.0892589	11.76	0.105430815	0	0.10543082
146	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
146	15	0	0	1.152726	0	0	0	0.09047418	11.76	0.104291915	0	0.10429191
146	16	0	0	1.27644	0	0	0	0.0901526	11.76	0.115074367	0	0.11507437
146	17	0	0	1.539949	0	0	0	0.11094807	11.76	0.170854381	0	0.17085438
146	18	0	0	1.942422	0	0	0	0.13849421	11.76	0.269014251	0	0.26901425
146	19	0	0	1.996834	0	0	0	0.14809004	11.76	0.295711271	0	0.29571127
146	20	0	0	2.076975	0	0	0	0.14848692	11.76	0.308403644	0	0.30840364
146	21	0	0	2.025969	0	0	0	0.15107401	11.76	0.306071197	0	0.3060712
146	22	0	0	1.777728	0	0	0	0.16283409	11.76	0.289474791	0	0.28947479
146	23	0	0	1.36	0	0	0	0.15908955	11.76	0.216361789	0	0.21636179
146	24	0	0.169	1.031885	0	0	0	0.16977321	11.76	0.175186369	0	0.17518637
147	1	0	0.521	1.103116	0	0	0	0.16867002	11.76	0.18606254	0	0.18606254
147	2	0	0.727	1.198904	0	0	0	0.17236144	11.76	0.206644862	0	0.20664486
147	3	0	0.775	1.242429	0	0	0	0.16497584	11.76	0.204970708	0	0.20497071
147	4	0	0.849	1.401651	0	0	0	0.16796961	11.76	0.235434797	0	0.2354348
147	5	0	0.858	1.591659	0	0	0	0.15585891	11.76	0.248074264	0	0.24807426
147	6	0	0.81	1.916058	0	0	0	0.11562043	11.76	0.221535407	0	0.22153541
147	7	0	0.793	2.407604	0	0	0	0.09817137	11.76	0.236357792	0	0.23635779
147	8	0	0.669	2.063343	0	0	0	0.10160133	11.76	0.209638349	0	0.20963835
147	9	0	0.494	1.870514	0	0	0	0.09816068	11.76	0.183610884	0	0.18361088
147	10	0	0.106	1.453332	0	0	0	0.09680755	11.76	0.140693523	0	0.14069352
147	11	0	0	1.266327	0	0	0	0.09426209	11.76	0.119366664	0	0.11936666
147	12	0	0	1.224867	0	0	0	0.09345169	11.76	0.114465843	0	0.11446584
147	13	0	0	1.18218	0	0	0	0.0892589	11.76	0.105520078	0	0.10552008
147	14	0	0	1.068062	0	0	0	0.09046801	11.76	0.096625461	0	0.09662546
147	15	0	0	1.151726	0	0	0	0.09047418	11.76	0.104201447	0	0.10420145
147	16	0	0	1.27544	0	0	0	0.0901526	11.76	0.11498421	0	0.11498421
147	17	0	0	1.539949	0	0	0	0.11094807	11.76	0.170854381	0	0.17085438
147	18	0	0	1.895422	0	0	0	0.13849421	11.76	0.262505032	0	0.26250503
147	19	0	0	1.950834	0	0	0	0.14809004	11.76	0.288899128	0	0.28889913
147	20	0	0	2.030975	0	0	0	0.14848692	11.76	0.301573245	0	0.30157325
147	21	0	0	2.025969	0	0	0	0.15107401	11.76	0.306071197	0	0.3060712
147	22	0	0	1.776728	0	0	0	0.16283409	11.76	0.28931195	0	0.28931195
147	23	0	0.096	1.409	0	0	0	0.15908955	11.76	0.224157181	0	0.22415718
147	24	0	0.096	0.957885	0	0	0	0.16977321	11.76	0.162623151	0	0.16262315
148	1	0	0.177	0.758116	0	0	0	0.16867002	11.76	0.127871379	0	0.12787138
148	2	0	0.428	0.899904	0	0	0	0.17236144	11.76	0.155108789	0	0.15510879
148	3	0	0.59	1.057429	0	0	0	0.16497584	11.76	0.174450168	0	0.17445017
148	4	0	0.658	1.210651	0	0	0	0.16796961	11.76	0.203352604	0	0.2033526
148	5	0	0.678	1.411659	0	0	0	0.15585891	11.76	0.22001965	0	0.22001965
148	6	0	0.663	1.769058	0	0	0	0.11562043	11.76	0.204539195	0	0.2045392
148	7	0	0.666	2.280604	0	0	0	0.09817137	11.76	0.223890019	0	0.22389002
148	8	0	0.642	2.036342	0	0	0	0.10160133	11.76	0.206895094	0	0.20689509
148	9	0	0.232	1.608514	0	0	0	0.09816068	11.76	0.157892789	0	0.15789279
148	10	0	0.169	1.516332	0	0	0	0.09680755	11.76	0.146792395	0	0.1467924
148	11	0	0.092	1.312327	0	0	0	0.09426209	11.76	0.123702721	0	0.12370272
148	12	0	0	1.225866	0	0	0	0.09345169	11.76	0.114559288	0	0.11455929
148	13	0	0	1.18318	0	0	0	0.0892589	11.76	0.105609341	0	0.10560934
148	14	0	0	1.115062	0	0	0	0.09046801	11.76	0.100877452	0	0.10087745
148	15	0	0	1.200726	0	0	0	0.09047418	11.76	0.108634673	0	0.10863467
148	16	0	0	1.32344	0	0	0	0.0901526	11.76	0.119311544	0	0.11931154
148	17	0	0	1.587949	0	0	0	0.11094807	11.76	0.176179886	0	0.17617989
148	18	0	0	1.943422	0	0	0	0.13849421	11.76	0.269152751	0	0.26915275
148	19	0	0.096	2.047834	0	0	0	0.14809004	11.76	0.303263845	0	0.30326384
148	20	0	0.096	2.128975	0	0	0	0.14848692	11.76	0.316124971	0	0.31612497
148	21	0	0.096	2.077969	0	0	0	0.15107401	11.76	0.313927053	0	0.31392705
148	22	0	0.297	2.029728	0	0	0	0.16283409	11.76	0.330508978	0	0.33050898

148	23	0	0.468	1.783	0	0	0	0.15908955	11.76	0.283656665	0	0.28365666
148	24	0	0.594	1.456885	0	0	0	0.16977321	11.76	0.247339973	0	0.24733997
149	1	0	0.671	1.253116	0	0	0	0.16867002	11.76	0.211363038	0	0.21136304
149	2	0	0.714	1.185904	0	0	0	0.17236144	11.76	0.204404162	0	0.20440416
149	3	0	0.742	1.209429	0	0	0	0.16497584	11.76	0.199526506	0	0.19952651
149	4	0	0.735	1.287651	0	0	0	0.16796961	11.76	0.216286248	0	0.21628625
149	5	0	0.687	1.420659	0	0	0	0.15585891	11.76	0.22142239	0	0.22142239
149	6	0	0.562	1.668058	0	0	0	0.11562043	11.76	0.192861537	0	0.19286154
149	7	0	0.479	2.093604	0	0	0	0.09817137	11.76	0.205531991	0	0.20553199
149	8	0	0.272	1.666342	0	0	0	0.10160133	11.76	0.169302613	0	0.16930261
149	9	0	0.309	1.685514	0	0	0	0.09816068	11.76	0.165451164	0	0.16545116
149	10	0	0	1.393332	0	0	0	0.09680755	11.76	0.134885064	0	0.13488506
149	11	0	0	1.266327	0	0	0	0.09426209	11.76	0.119366664	0	0.11936666
149	12	0	0	1.224867	0	0	0	0.09345169	11.76	0.114465843	0	0.11446584
149	13	0	0	1.18118	0	0	0	0.0892589	11.76	0.105430815	0	0.10543082
149	14	0	0	1.067062	0	0	0	0.09046801	11.76	0.096534989	0	0.09653499
149	15	0	0	1.150726	0	0	0	0.09047418	11.76	0.104110968	0	0.10411097
149	16	0	0	1.27444	0	0	0	0.0901526	11.76	0.114894064	0	0.11489406
149	17	0	0	1.538949	0	0	0	0.11094807	11.76	0.170743428	0	0.17074343
149	18	0	0	1.894423	0	0	0	0.13849421	11.76	0.262366548	0	0.26236655
149	19	0	0	1.948834	0	0	0	0.14809004	11.76	0.288602934	0	0.28860293
149	20	0	0	2.028975	0	0	0	0.14848692	11.76	0.301276257	0	0.30127626
149	21	0	0	1.977969	0	0	0	0.15107401	11.76	0.298819648	0	0.29881965
149	22	0	0	1.774728	0	0	0	0.16283409	11.76	0.288986286	0	0.28898629
149	23	0	0	1.357	0	0	0	0.15908955	11.76	0.215884517	0	0.21588452
149	24	0	0	0.905885	0	0	0	0.16977321	11.76	0.153794947	0	0.15379495
150	1	0	0	0.625116	0	0	0	0.16867002	11.76	0.105438264	0	0.10543826
150	2	0	0	0.516904	0	0	0	0.17236144	11.76	0.089094356	0	0.08909436
150	3	0	0	0.512429	0	0	0	0.16497584	11.76	0.084538344	0	0.08453834
150	4	0	0	0.598651	0	0	0	0.16796961	11.76	0.100555194	0	0.10055519
150	5	0	0.118	0.851659	0	0	0	0.15585891	11.76	0.132738661	0	0.13273866
150	6	0	0.186	1.292058	0	0	0	0.11562043	11.76	0.149388249	0	0.14938825
150	7	0	0.124	1.738604	0	0	0	0.09817137	11.76	0.17068114	0	0.17068114
150	8	0	0	1.440342	0	0	0	0.10160133	11.76	0.146340706	0	0.14634071
150	9	0	0	1.422514	0	0	0	0.09816068	11.76	0.139634903	0	0.1396349
150	10	0	0	1.392332	0	0	0	0.09680755	11.76	0.134788251	0	0.13478825
150	11	0	0	1.264327	0	0	0	0.09426209	11.76	0.119178142	0	0.11917814
150	12	0	0	1.175866	0	0	0	0.09345169	11.76	0.109886708	0	0.10988671
150	13	0	0	1.13318	0	0	0	0.0892589	11.76	0.10114639	0	0.10114639
150	14	0	0	1.066062	0	0	0	0.09046801	11.76	0.096444528	0	0.09644453
150	15	0	0	1.150726	0	0	0	0.09047418	11.76	0.104110968	0	0.10411097
150	16	0	0	1.27544	0	0	0	0.0901526	11.76	0.11498421	0	0.11498421
150	17	0	0	1.538949	0	0	0	0.11094807	11.76	0.170743428	0	0.17074343
150	18	0	0	1.895422	0	0	0	0.13849421	11.76	0.262505032	0	0.26250503
150	19	0	0	1.949834	0	0	0	0.14809004	11.76	0.288751049	0	0.28875105
150	20	0	0	2.029975	0	0	0	0.14848692	11.76	0.301424734	0	0.30142473
150	21	0	0	1.978969	0	0	0	0.15107401	11.76	0.298970729	0	0.29897073
150	22	0	0	1.775728	0	0	0	0.16283409	11.76	0.289149127	0	0.28914913
150	23	0	0	1.358	0	0	0	0.15908955	11.76	0.216043614	0	0.21604361
150	24	0	0	0.905885	0	0	0	0.16977321	11.76	0.153794947	0	0.15379495
151	1	0	0	0.626116	0	0	0	0.16867002	11.76	0.105606932	0	0.10560693
151	2	0	0	0.516904	0	0	0	0.17236144	11.76	0.089094356	0	0.08909436
151	3	0	0	0.512429	0	0	0	0.16497584	11.76	0.084538344	0	0.08453834
151	4	0	0	0.598651	0	0	0	0.16796961	11.76	0.100555194	0	0.10055519
151	5	0	0.155	0.888659	0	0	0	0.15585891	11.76	0.13850544	0	0.13850544
151	6	0	0	1.152058	0	0	0	0.11562043	11.76	0.13320139	0	0.13320139
151	7	0	0	1.660604	0	0	0	0.09817137	11.76	0.163023766	0	0.16302377
151	8	0	0	1.440342	0	0	0	0.10160133	11.76	0.146340706	0	0.14634071
151	9	0	0	1.421514	0	0	0	0.09816068	11.76	0.139536738	0	0.13953674
151	10	0	0	1.345332	0	0	0	0.09680755	11.76	0.130238303	0	0.1302383
151	11	0	0	1.217327	0	0	0	0.09426209	11.76	0.11474782	0	0.11474782
151	12	0	0	1.176867	0	0	0	0.09345169	11.76	0.109980164	0	0.10998016
151	13	0	0	1.13418	0	0	0	0.0892589	11.76	0.101235653	0	0.10123565
151	14	0	0	1.067062	0	0	0	0.09046801	11.76	0.096534989	0	0.09653499
151	15	0	0	1.152726	0	0	0	0.09047418	11.76	0.104291915	0	0.10429191
151	16	0	0	1.27444	0	0	0	0.0901526	11.76	0.114894064	0	0.11489406
151	17	0	0	1.538949	0	0	0	0.11094807	11.76	0.170743428	0	0.17074343
151	18	0	0	1.894423	0	0	0	0.13849421	11.76	0.262366548	0	0.26236655
151	19	0	0	1.950834	0	0	0	0.14809004	11.76	0.288899128	0	0.28889913
151	20	0	0	2.031975	0	0	0	0.14848692	11.76	0.301721721	0	0.30172172
151	21	0	0	1.980969	0	0	0	0.15107401	11.76	0.299272873	0	0.29927287
151	22	0	0	1.731728	0	0	0	0.16283409	11.76	0.281984423	0	0.28198442
151	23	0	0	1.314	0	0	0	0.15908955	11.76	0.209043669	0	0.20904367
151	24	0	0	0.907885	0	0	0	0.16977321	11.76	0.154134489	0	0.15413449
152	1	0	0	0.622116	0	0	0	0.224221	11.76	0.139491385	0	0.13949139
152	2	0	0	0.517904	0	0	0	0.22671136	11.76	0.117414769	0	0.11741477
152	3	0	0.173	0.640429	0	0	0	0.2426774	11.76	0.155417562	0	0.15541756
152	4	0	0.449	1.001651	0	0	0	0.22719704	11.76	0.227572151	0	0.22757215
152	5	0	0.49	1.215659	0	0	0	0.20101264	11.76	0.244362849	0	0.24436285
152	6	0	0.326	1.415058	0	0	0	0.14040553	11.76	0.198681902	0	0.1986819
152	7	0	0	1.620604	0	0	0	0.14509284	11.76	0.235138031	0	0.23513803
152	8	0	0	1.407342	0	0	0	0.1392201	11.76	0.195930361	0	0.19593036
152	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
152	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
152	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
152	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
152	13	0	0	1.11318	0	0	0	0.11646077	11.76	0.129641789	0	0.12964179
152	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
152	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
152	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
152	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
152	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
152	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
152	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
152	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
152	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
152	23	0	0	1.339	0	0	0	0.21941273	11.76	0.29379364	0	0.29379364
152	24	0	0	0.899885	0	0	0	0.21780694	11.76	0.196001136	0	0.19600114
153	1	0	0	0.623116	0	0	0	0.224221	11.76	0.139715603	0	0.1397156
153	2	0	0.287	0.758904	0	0	0	0.22671136	11.76	0.172052205	0	0.1720522
153	3	0	0.42	0.887429	0	0	0	0.2426774	11.76	0.215358875	0	0.21535887
153	4	0	0.526	1.078651	0	0	0	0.22719704	11.76	0.245066354	0	0.24506635
153	5	0	0.491	1.216659	0	0	0	0.20101264	11.76	0.244563847	0	0.24456385
153	6	0	0.254	1.343058	0	0	0	0.14040553	11.76	0.188572717	0	0.18857272
153	7	0	0	1.620604	0	0	0	0.14509284	11.76	0.235138031	0	0.23513803
153	8	0	0	1.407342	0	0	0	0.1392201	11.76	0.195930361	0	0.19593036
153	9	0	0	1.342514	0	0	0	0.13832814	11.76	0.185707397	0	0.1857074
153	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
153	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
153	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
153	13	0	0	1.11318	0	0	0	0.11646077	11.76	0.129641789	0	0.12964179

153	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
153	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
153	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
153	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
153	18	0	0	1.912422	0	0	0	0.17951846	11.76	0.343315135	0	0.34331514
153	19	0	0	1.914834	0	0	0	0.20214082	11.76	0.387066173	0	0.38706617
153	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
153	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
153	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
153	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
153	24	0	0	0.899885	0	0	0	0.21780694	11.76	0.196001136	0	0.19600114
154	1	0	0	0.623116	0	0	0	0.224221	11.76	0.139715603	0	0.1397156
154	2	0	0	0.517904	0	0	0	0.22671136	11.76	0.117414769	0	0.11741477
154	3	0	0.151	0.618429	0	0	0	0.2426774	11.76	0.150078656	0	0.15007866
154	4	0	0.242	0.794651	0	0	0	0.22719704	11.76	0.180542387	0	0.18054239
154	5	0	0.21	0.935659	0	0	0	0.20101264	11.76	0.188079316	0	0.18807932
154	6	0	0.158	1.247058	0	0	0	0.14040553	11.76	0.175093776	0	0.17509378
154	7	0	0	1.620604	0	0	0	0.14509284	11.76	0.235138031	0	0.23513803
154	8	0	0	1.360342	0	0	0	0.1392201	11.76	0.189387009	0	0.18938701
154	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
154	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
154	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
154	12	0	0	1.197866	0	0	0	0.1219274	11.76	0.146052743	0	0.14605274
154	13	0	0	1.11018	0	0	0	0.11646077	11.76	0.129292405	0	0.1292924
154	14	0	0	1.094062	0	0	0	0.1105518	11.76	0.120950529	0	0.12095053
154	15	0	0	1.131726	0	0	0	0.11357854	11.76	0.128539764	0	0.12853976
154	16	0	0	1.30244	0	0	0	0.11756343	11.76	0.153119294	0	0.15311929
154	17	0	0	1.511949	0	0	0	0.13343329	11.76	0.201744335	0	0.20174433
154	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
154	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
154	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
154	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
154	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
154	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
154	24	0	0	0.899885	0	0	0	0.21780694	11.76	0.196001136	0	0.19600114
155	1	0	0	0.623116	0	0	0	0.224221	11.76	0.139715603	0	0.1397156
155	2	0	0	0.517904	0	0	0	0.22671136	11.76	0.117414769	0	0.11741477
155	3	0	0.109	0.576429	0	0	0	0.2426774	11.76	0.139886206	0	0.13988621
155	4	0	0.245	0.797651	0	0	0	0.22719704	11.76	0.181223969	0	0.18122397
155	5	0	0.277	1.002659	0	0	0	0.20101264	11.76	0.201547145	0	0.20154715
155	6	0	0.282	1.371058	0	0	0	0.14040553	11.76	0.192504055	0	0.19250405
155	7	0	0.235	1.809604	0	0	0	0.14509284	11.76	0.26256058	0	0.26256058
155	8	0	0.181	1.542342	0	0	0	0.1392201	11.76	0.214725074	0	0.21472507
155	9	0	0	1.389514	0	0	0	0.13832814	11.76	0.192208827	0	0.19220883
155	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
155	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
155	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
155	13	0	0	1.11318	0	0	0	0.11646077	11.76	0.129641789	0	0.12964179
155	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
155	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
155	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
155	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
155	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
155	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
155	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
155	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
155	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
155	23	0	0	1.339	0	0	0	0.21941273	11.76	0.29379364	0	0.29379364
155	24	0	0	0.899885	0	0	0	0.21780694	11.76	0.196001136	0	0.19600114
156	1	0	0.115	0.692116	0	0	0	0.224221	11.76	0.155186854	0	0.15518685
156	2	0	0.285	0.756904	0	0	0	0.22671136	11.76	0.171598788	0	0.17159879
156	3	0	0.395	0.862429	0	0	0	0.2426774	11.76	0.209291945	0	0.20929195
156	4	0	0.464	1.016651	0	0	0	0.22719704	11.76	0.23098013	0	0.23098013
156	5	0	0.435	1.160659	0	0	0	0.20101264	11.76	0.23330714	0	0.23330714
156	6	0	0.358	1.447058	0	0	0	0.14040553	11.76	0.203174888	0	0.20317489
156	7	0	0.239	1.813604	0	0	0	0.14509284	11.76	0.263140961	0	0.26314096
156	8	0	0.102	1.463342	0	0	0	0.1392201	11.76	0.203726686	0	0.20372669
156	9	0	0	1.389514	0	0	0	0.13832814	11.76	0.192208827	0	0.19220883
156	10	0	0	1.360332	0	0	0	0.13130589	11.76	0.178619599	0	0.1786196
156	11	0	0	1.190327	0	0	0	0.12489305	11.76	0.148663615	0	0.14866361
156	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
156	13	0	0	1.11318	0	0	0	0.11646077	11.76	0.129641789	0	0.12964179
156	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
156	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
156	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
156	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
156	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
156	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
156	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
156	21	0	0	1.998969	0	0	0	0.20459254	11.76	0.408974063	0	0.40897406
156	22	0	0	1.753728	0	0	0	0.2175441	11.76	0.381513268	0	0.38151327
156	23	0	0	1.339	0	0	0	0.21941273	11.76	0.29379364	0	0.29379364
156	24	0	0.151	1.005885	0	0	0	0.21780694	11.76	0.219088661	0	0.21908866
157	1	0	0.275	0.853116	0	0	0	0.224221	11.76	0.191286438	0	0.19128644
157	2	0	0.367	0.838904	0	0	0	0.22671136	11.76	0.19018911	0	0.19018911
157	3	0	0.398	0.865429	0	0	0	0.2426774	11.76	0.210019983	0	0.21001998
157	4	0	0.483	1.035651	0	0	0	0.22719704	11.76	0.235296859	0	0.23529686
157	5	0	0.437	1.162659	0	0	0	0.20101264	11.76	0.233709184	0	0.23370918
157	6	0	0.391	1.480058	0	0	0	0.14040553	11.76	0.20780827	0	0.20780827
157	7	0	0.304	1.878604	0	0	0	0.14509284	11.76	0.272571987	0	0.27257199
157	8	0	0.159	1.520342	0	0	0	0.1392201	11.76	0.211662238	0	0.21166224
157	9	0	0	1.389514	0	0	0	0.13832814	11.76	0.192208827	0	0.19220883
157	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
157	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
157	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
157	13	0	0	1.11318	0	0	0	0.11646077	11.76	0.129641789	0	0.12964179
157	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
157	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
157	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
157	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
157	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
157	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
157	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
157	21	0	0	1.998969	0	0	0	0.20459254	11.76	0.408974063	0	0.40897406
157	22	0	0	1.753728	0	0	0	0.2175441	11.76	0.381513268	0	0.38151327
157	23	0	0	1.339	0	0	0	0.21941273	11.76	0.29379364	0	0.29379364
157	24	0	0.307	1.161885	0	0	0	0.21780694	11.76	0.253066548	0	0.25306655
158	1	0	0.475	1.053116	0	0	0	0.224221	11.76	0.236130635	0	0.23613064
158	2	0	0.56	1.031904	0	0	0	0.22671136	11.76	0.233944406	0	0.23394441
158	3	0	0.589	1.056429	0	0	0	0.2426774	11.76	0.256371362	0	0.25637136
158	4	0	0.615	1.167651	0	0	0	0.22719704	11.76	0.265286888	0	0.26528689

158	5	0	0.559	1.284659	0	0	0	0.20101264	11.76	0.258232722	0	0.25823272
158	6	0	0.394	1.483057	0	0	0	0.14040553	11.76	0.208229472	0	0.20822947
158	7	0	0.205	1.779604	0	0	0	0.14509284	11.76	0.258207799	0	0.2582078
158	8	0	0	1.407342	0	0	0	0.1392201	11.76	0.195930361	0	0.19593036
158	9	0	0	1.388514	0	0	0	0.13832814	11.76	0.192070492	0	0.19207049
158	10	0	0	1.359332	0	0	0	0.13130589	11.76	0.178488287	0	0.17848829
158	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
158	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
158	13	0	0	1.11218	0	0	0	0.11646077	11.76	0.129525337	0	0.12952534
158	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
158	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
158	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
158	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
158	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
158	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
158	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
158	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
158	22	0	0	1.752728	0	0	0	0.2175441	11.76	0.38129574	0	0.38129574
158	23	0	0	1.339	0	0	0	0.21941273	11.76	0.29379364	0	0.29379364
158	24	0	0	0.899885	0	0	0	0.21780694	11.76	0.196001136	0	0.19600114
159	1	0	0.138	0.715116	0	0	0	0.224221	11.76	0.160343937	0	0.16034394
159	2	0	0.329	0.800904	0	0	0	0.22671136	11.76	0.181574081	0	0.18157408
159	3	0	0.419	0.886429	0	0	0	0.2426774	11.76	0.215116186	0	0.21511619
159	4	0	0.47	1.022651	0	0	0	0.22719704	11.76	0.232343295	0	0.23234329
159	5	0	0.472	1.197659	0	0	0	0.20101264	11.76	0.24074462	0	0.24074462
159	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
159	7	0	0	1.619604	0	0	0	0.14509284	11.76	0.234992931	0	0.23499293
159	8	0	0	1.360342	0	0	0	0.1392201	11.76	0.189387009	0	0.18938701
159	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
159	10	0	0	1.312332	0	0	0	0.13130589	11.76	0.172316919	0	0.17231692
159	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
159	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
159	13	0	0	1.11218	0	0	0	0.11646077	11.76	0.129525337	0	0.12952534
159	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
159	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
159	16	0	0	1.30144	0	0	0	0.11756343	11.76	0.153001725	0	0.15300172
159	17	0	0	1.511949	0	0	0	0.13343329	11.76	0.201744335	0	0.20174433
159	18	0	0	1.912422	0	0	0	0.17951846	11.76	0.343315135	0	0.34331514
159	19	0	0	1.913834	0	0	0	0.20214082	11.76	0.386864046	0	0.38686405
159	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
159	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
159	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
159	23	0	0	1.338	0	0	0	0.21941273	11.76	0.293574243	0	0.29357424
159	24	0	0	0.898885	0	0	0	0.21780694	11.76	0.195783319	0	0.19578332
160	1	0	0	0.623116	0	0	0	0.224221	11.76	0.139715603	0	0.1397156
160	2	0	0	0.517904	0	0	0	0.22671136	11.76	0.117414769	0	0.11741477
160	3	0	0.119	0.586429	0	0	0	0.2426774	11.76	0.142312978	0	0.14231298
160	4	0	0.271	0.823651	0	0	0	0.22719704	11.76	0.187131084	0	0.18713108
160	5	0	0.277	1.002659	0	0	0	0.20101264	11.76	0.201547145	0	0.20154715
160	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
160	7	0	0	1.619604	0	0	0	0.14509284	11.76	0.234992931	0	0.23499293
160	8	0	0	1.360342	0	0	0	0.1392201	11.76	0.189387009	0	0.18938701
160	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
160	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
160	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
160	12	0	0	1.197866	0	0	0	0.1219274	11.76	0.146052743	0	0.14605274
160	13	0	0	1.10918	0	0	0	0.11646077	11.76	0.129175952	0	0.12917595
160	14	0	0	1.047062	0	0	0	0.1105518	11.76	0.115754602	0	0.1157546
160	15	0	0	1.132726	0	0	0	0.11357854	11.76	0.128653334	0	0.12865333
160	16	0.736	0	1.98844	0	0	0	0.11756343	11.76	0.233767807	0	0.23376781
160	17	0	0	1.509949	0	0	0	0.13343329	11.76	0.201477472	0	0.20147747
160	18	0	0	1.863422	0	0	0	0.17951846	11.76	0.334518726	0	0.33451873
160	19	0.941	0	2.853834	0	0	0	0.20214082	11.76	0.576876383	0	0.57687638
160	20	0	0	1.995975	0	0	0	0.20338508	11.76	0.405951537	0	0.40595154
160	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
160	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
160	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
160	24	0	0	0.853885	0	0	0	0.21780694	11.76	0.185982016	0	0.18598202
161	1	0	0	0.622116	0	0	0	0.224221	11.76	0.139491385	0	0.13949139
161	2	0	0	0.516904	0	0	0	0.22671136	11.76	0.11718806	0	0.11718806
161	3	0	0	0.513429	0	0	0	0.2426774	11.76	0.124597524	0	0.12459752
161	4	0	0	0.598651	0	0	0	0.22719704	11.76	0.136011759	0	0.13601176
161	5	0	0	0.771659	0	0	0	0.20101264	11.76	0.155113237	0	0.15511324
161	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
161	7	0	0	1.573604	0	0	0	0.14509284	11.76	0.22831866	0	0.22831866
161	8	0	0	1.360342	0	0	0	0.1392201	11.76	0.189387009	0	0.18938701
161	9	0	0	1.387514	0	0	0	0.13832814	11.76	0.191932174	0	0.19193217
161	10	0	0	1.311332	0	0	0	0.13130589	11.76	0.172185607	0	0.17218561
161	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
161	12	0	0	1.150867	0	0	0	0.1219274	11.76	0.140322163	0	0.14032216
161	13	0	0	1.10918	0	0	0	0.11646077	11.76	0.129175952	0	0.12917595
161	14	0	0	1.045062	0	0	0	0.1105518	11.76	0.115533501	0	0.1155335
161	15	0	0	1.130726	0	0	0	0.11357854	11.76	0.12842618	0	0.12842618
161	16	0	0	1.25144	0	0	0	0.11756343	11.76	0.147123559	0	0.14712356
161	17	0.831	0	2.340949	0	0	0	0.13343329	11.76	0.31236053	0	0.31236053
161	18	0	0	1.861423	0	0	0	0.17951846	11.76	0.334159715	0	0.33415972
161	19	0	0	1.914834	0	0	0	0.20214082	11.76	0.387066173	0	0.38706617
161	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
161	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
161	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
161	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
161	24	0	0	0.853885	0	0	0	0.21780694	11.76	0.185982016	0	0.18598202
162	1	0	0	0.622116	0	0	0	0.224221	11.76	0.139491385	0	0.13949139
162	2	0	0	0.516904	0	0	0	0.22671136	11.76	0.11718806	0	0.11718806
162	3	0	0	0.513429	0	0	0	0.2426774	11.76	0.124597524	0	0.12459752
162	4	0	0	0.598651	0	0	0	0.22719704	11.76	0.136011759	0	0.13601176
162	5	0	0	0.771659	0	0	0	0.20101264	11.76	0.155113237	0	0.15511324
162	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
162	7	0	0	1.619604	0	0	0	0.14509284	11.76	0.234992931	0	0.23499293
162	8	0	0	1.407342	0	0	0	0.1392201	11.76	0.195930361	0	0.19593036
162	9	0	0	1.388514	0	0	0	0.13832814	11.76	0.192070492	0	0.19207049
162	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
162	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
162	12	0	0	1.196867	0	0	0	0.1219274	11.76	0.145930824	0	0.14593082
162	13	0	0	1.10918	0	0	0	0.11646077	11.76	0.129175952	0	0.12917595
162	14	0	0	1.047062	0	0	0	0.1105518	11.76	0.115754602	0	0.1157546
162	15	0	0	1.132726	0	0	0	0.11357854	11.76	0.128653334	0	0.12865333
162	16	0	0	1.25244	0	0	0	0.11756343	11.76	0.147241114	0	0.14724111
162	17	0	0	1.512949	0	0	0	0.13343329	11.76	0.201877774	0	0.20187777
162	18	0	0	1.863422	0	0	0	0.17951846	11.76	0.334518726	0	0.33451873
162	19	0	0	1.915834	0	0	0	0.20214082	11.76	0.387268299	0	0.3872683

162	20	0	0	1.998975	0	0	0	0.20338508	11.76	0.406561697	0	0.4065617
162	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
162	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
162	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
162	24	0	0	0.853885	0	0	0	0.21780694	11.76	0.185982016	0	0.18598202
163	1	0	0	0.622116	0	0	0	0.224221	11.76	0.139491385	0	0.13949139
163	2	0	0	0.516904	0	0	0	0.22671136	11.76	0.11718806	0	0.11718806
163	3	0	0	0.513429	0	0	0	0.2426774	11.76	0.124597524	0	0.12459752
163	4	0	0	0.598651	0	0	0	0.22719704	11.76	0.136011759	0	0.13601176
163	5	0	0	0.770659	0	0	0	0.20101264	11.76	0.154912227	0	0.15491223
163	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
163	7	0	0	1.573604	0	0	0	0.14509284	11.76	0.22831866	0	0.22831866
163	8	0	0	1.360342	0	0	0	0.1392201	11.76	0.189387009	0	0.18938701
163	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
163	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
163	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
163	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
163	13	0	0	1.11318	0	0	0	0.11646077	11.76	0.129641789	0	0.12964179
163	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
163	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
163	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
163	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
163	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
163	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
163	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
163	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
163	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
163	23	0	0	1.339	0	0	0	0.21941273	11.76	0.29379364	0	0.29379364
163	24	0	0	0.899885	0	0	0	0.21780694	11.76	0.196001136	0	0.19600114
164	1	0	0.119	0.696116	0	0	0	0.224221	11.76	0.156083739	0	0.15608374
164	2	0	0.32	0.791904	0	0	0	0.22671136	11.76	0.179533678	0	0.17953368
164	3	0	0.497	0.964429	0	0	0	0.2426774	11.76	0.23404504	0	0.23404504
164	4	0	0.43	0.982651	0	0	0	0.22719704	11.76	0.223255422	0	0.22325542
164	5	0	0.377	1.102659	0	0	0	0.20101264	11.76	0.221648414	0	0.22164841
164	6	0	0.354	1.443058	0	0	0	0.14040553	11.76	0.202613257	0	0.20261326
164	7	0	0.337	1.911604	0	0	0	0.14509284	11.76	0.27736005	0	0.27736005
164	8	0	0.281	1.642342	0	0	0	0.1392201	11.76	0.228647088	0	0.22864709
164	9	0	0.169	1.512514	0	0	0	0.13832814	11.76	0.209223191	0	0.20922319
164	10	0	0.241	1.555332	0	0	0	0.13130589	11.76	0.204224253	0	0.20422425
164	11	0	0	1.236327	0	0	0	0.12489305	11.76	0.154408695	0	0.1544087
164	12	0	0	1.198866	0	0	0	0.1219274	11.76	0.146174676	0	0.14617468
164	13	0	0	1.16018	0	0	0	0.11646077	11.76	0.135115451	0	0.13511545
164	14	0	0	1.095062	0	0	0	0.1105518	11.76	0.121061086	0	0.12106109
164	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
164	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
164	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
164	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
164	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
164	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
164	21	0	0	1.998969	0	0	0	0.20459254	11.76	0.408974063	0	0.40897406
164	22	0	0	1.753728	0	0	0	0.2175441	11.76	0.381513268	0	0.38151327
164	23	0	0.222	1.516	0	0	0	0.21941273	11.76	0.332629703	0	0.3326297
164	24	0	0.464	1.318885	0	0	0	0.21780694	11.76	0.287262226	0	0.28726223
165	1	0	0.527	1.105116	0	0	0	0.224221	11.76	0.247790137	0	0.24779014
165	2	0	0.641	1.112904	0	0	0	0.22671136	11.76	0.252308046	0	0.25230805
165	3	0	0.689	1.156429	0	0	0	0.2426774	11.76	0.280639108	0	0.28063911
165	4	0	0.664	1.216651	0	0	0	0.22719704	11.76	0.276419548	0	0.27641955
165	5	0	0.606	1.331659	0	0	0	0.20101264	11.76	0.267680302	0	0.2676803
165	6	0	0.584	1.673058	0	0	0	0.14040553	11.76	0.234906531	0	0.23490653
165	7	0	0.511	2.085604	0	0	0	0.14509284	11.76	0.302606208	0	0.30260621
165	8	0	0.18	1.541342	0	0	0	0.1392201	11.76	0.214585864	0	0.21458586
165	9	0	0	1.389514	0	0	0	0.13832814	11.76	0.192208827	0	0.19220883
165	10	0	0	1.360332	0	0	0	0.13130589	11.76	0.178619599	0	0.1786196
165	11	0	0	1.236327	0	0	0	0.12489305	11.76	0.154408695	0	0.1544087
165	12	0	0	1.152866	0	0	0	0.1219274	11.76	0.140566015	0	0.14056601
165	13	0	0	1.11318	0	0	0	0.11646077	11.76	0.129641789	0	0.12964179
165	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
165	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
165	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
165	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
165	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
165	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
165	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
165	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
165	22	0	0	1.752728	0	0	0	0.2175441	11.76	0.38129574	0	0.38129574
165	23	0	0	1.339	0	0	0	0.21941273	11.76	0.29379364	0	0.29379364
165	24	0	0.268	1.122885	0	0	0	0.21780694	11.76	0.244572095	0	0.2445721
166	1	0	0.536	1.114116	0	0	0	0.224221	11.76	0.249808114	0	0.24980811
166	2	0	0.661	1.132904	0	0	0	0.22671136	11.76	0.256842269	0	0.25684227
166	3	0	0.767	1.234429	0	0	0	0.2426774	11.76	0.299567933	0	0.29956793
166	4	0	0.823	1.375651	0	0	0	0.22719704	11.76	0.312543859	0	0.31254386
166	5	0	0.746	1.471659	0	0	0	0.20101264	11.76	0.295822092	0	0.29582209
166	6	0	0.655	1.744058	0	0	0	0.14040553	11.76	0.244875337	0	0.24487534
166	7	0	0.27	1.844604	0	0	0	0.14509284	11.76	0.267638842	0	0.26763884
166	8	0	0.126	1.487342	0	0	0	0.1392201	11.76	0.207067976	0	0.20706798
166	9	0	0	1.389514	0	0	0	0.13832814	11.76	0.192208827	0	0.19220883
166	10	0	0	1.359332	0	0	0	0.13130589	11.76	0.178488287	0	0.17848829
166	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
166	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
166	13	0	0	1.11218	0	0	0	0.11646077	11.76	0.129525337	0	0.12952534
166	14	0	0	1.048062	0	0	0	0.1105518	11.76	0.115865146	0	0.11586515
166	15	0	0	1.134726	0	0	0	0.11357854	11.76	0.128880488	0	0.12888049
166	16	0	0	1.25544	0	0	0	0.11756343	11.76	0.147593807	0	0.14759381
166	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
166	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
166	19	0	0	1.916834	0	0	0	0.20214082	11.76	0.387470473	0	0.38747047
166	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
166	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
166	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
166	23	0	0	1.338	0	0	0	0.21941273	11.76	0.293574243	0	0.29357424
166	24	0	0	0.898885	0	0	0	0.21780694	11.76	0.195783319	0	0.19578332
167	1	0	0	0.623116	0	0	0	0.224221	11.76	0.139715603	0	0.1397156
167	2	0	0.083	0.554904	0	0	0	0.22671136	11.76	0.125803089	0	0.12580309
167	3	0	0.25	0.717429	0	0	0	0.2426774	11.76	0.174103727	0	0.17410373
167	4	0	0.323	0.875651	0	0	0	0.22719704	11.76	0.19894534	0	0.19894534
167	5	0	0.313	1.038659	0	0	0	0.20101264	11.76	0.208783603	0	0.2087836
167	6	0	0.29	1.379058	0	0	0	0.14040553	11.76	0.193627301	0	0.1936273
167	7	0	0.269	1.843604	0	0	0	0.14509284	11.76	0.267493742	0	0.26749374
167	8	0	0.196	1.557342	0	0	0	0.1392201	11.76	0.216813374	0	0.21681337
167	9	0	0	1.389514	0	0	0	0.13832814	11.76	0.192208827	0	0.19220883
167	10	0	0	1.360332	0	0	0	0.13130589	11.76	0.178619599	0	0.1786196

167	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
167	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
167	13	0	0	1.11218	0	0	0	0.11646077	11.76	0.129525337	0	0.12952534
167	14	0	0	1.048062	0	0	0	0.1105518	11.76	0.115865146	0	0.11586515
167	15	0	0	1.134726	0	0	0	0.11357854	11.76	0.128880488	0	0.12888049
167	16	0	0	1.25544	0	0	0	0.11756343	11.76	0.147593807	0	0.14759381
167	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
167	18	0	0	1.865422	0	0	0	0.17951846	11.76	0.33487778	0	0.33487778
167	19	0	0	1.916834	0	0	0	0.20214082	11.76	0.387470473	0	0.38747047
167	20	0	0	1.999975	0	0	0	0.20338508	11.76	0.406765091	0	0.40676509
167	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
167	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
167	23	0	0	1.338	0	0	0	0.21941273	11.76	0.293574243	0	0.29357424
167	24	0	0	0.898885	0	0	0	0.21780694	11.76	0.195783319	0	0.19578332
168	1	0	0	0.623116	0	0	0	0.224221	11.76	0.139715603	0	0.1397156
168	2	0	0	0.517904	0	0	0	0.22671136	11.76	0.117414769	0	0.11741477
168	3	0	0.201	0.668429	0	0	0	0.2426774	11.76	0.162212529	0	0.16221253
168	4	0	0.354	0.906651	0	0	0	0.22719704	11.76	0.205988453	0	0.20598845
168	5	0	0.331	1.056659	0	0	0	0.20101264	11.76	0.212401832	0	0.21240183
168	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
168	7	0	0	1.619604	0	0	0	0.14509284	11.76	0.234992931	0	0.23499293
168	8	0	0	1.360342	0	0	0	0.1392201	11.76	0.189387009	0	0.18938701
168	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
168	10	0	0	1.312332	0	0	0	0.13130589	11.76	0.172316919	0	0.17231692
168	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
168	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
168	13	0	0	1.11218	0	0	0	0.11646077	11.76	0.129525337	0	0.12952534
168	14	0	0	1.048062	0	0	0	0.1105518	11.76	0.115865146	0	0.11586515
168	15	0	0	1.133726	0	0	0	0.11357854	11.76	0.128766918	0	0.12876692
168	16	0	0	1.30044	0	0	0	0.11756343	11.76	0.15288417	0	0.15288417
168	17	0	0	1.510949	0	0	0	0.13343329	11.76	0.201610911	0	0.20161091
168	18	0	0	1.864423	0	0	0	0.17951846	11.76	0.334698274	0	0.33469827
168	19	0	0	1.916834	0	0	0	0.20214082	11.76	0.387470473	0	0.38747047
168	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
168	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
168	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
168	23	0	0	1.339	0	0	0	0.21941273	11.76	0.29379364	0	0.29379364
168	24	0	0	0.899885	0	0	0	0.21780694	11.76	0.196001136	0	0.19600114
169	1	0	0	0.623116	0	0	0	0.224221	11.76	0.139715603	0	0.1397156
169	2	0	0.124	0.595904	0	0	0	0.22671136	11.76	0.135098257	0	0.13509826
169	3	0	0.252	0.719429	0	0	0	0.2426774	11.76	0.174589076	0	0.17458908
169	4	0	0.36	0.912651	0	0	0	0.22719704	11.76	0.207351631	0	0.20735163
169	5	0	0.372	1.097659	0	0	0	0.20101264	11.76	0.220643351	0	0.22064335
169	6	0	0.372	1.461058	0	0	0	0.14040553	11.76	0.205140557	0	0.20514056
169	7	0	0.241	1.815604	0	0	0	0.14509284	11.76	0.263431143	0	0.26343114
169	8	0	0	1.407342	0	0	0	0.1392201	11.76	0.195930361	0	0.19593036
169	9	0	0	1.342514	0	0	0	0.13832814	11.76	0.185707397	0	0.1857074
169	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
169	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
169	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
169	13	0	0	1.11318	0	0	0	0.11646077	11.76	0.129641789	0	0.12964179
169	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
169	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
169	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
169	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
169	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
169	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
169	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
169	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
169	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
169	23	0	0	1.339	0	0	0	0.21941273	11.76	0.29379364	0	0.29379364
169	24	0	0	0.899885	0	0	0	0.21780694	11.76	0.196001136	0	0.19600114
170	1	0	0	0.623116	0	0	0	0.224221	11.76	0.139715603	0	0.1397156
170	2	0	0.244	0.715904	0	0	0	0.22671136	11.76	0.162303621	0	0.16230362
170	3	0	0.379	0.846429	0	0	0	0.2426774	11.76	0.205409099	0	0.2054091
170	4	0	0.471	1.023651	0	0	0	0.22719704	11.76	0.232570502	0	0.2325705
170	5	0	0.382	1.107659	0	0	0	0.20101264	11.76	0.222653476	0	0.22265348
170	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
170	7	0	0	1.619604	0	0	0	0.14509284	11.76	0.234992931	0	0.23499293
170	8	0	0	1.360342	0	0	0	0.1392201	11.76	0.189387009	0	0.18938701
170	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
170	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
170	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
170	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
170	13	0	0	1.15918	0	0	0	0.11646077	11.76	0.134998985	0	0.13499899
170	14	0	0	1.046062	0	0	0	0.1105518	11.76	0.115644045	0	0.11564405
170	15	0	0	1.181726	0	0	0	0.11357854	11.76	0.134218686	0	0.13421869
170	16	0	0	1.25244	0	0	0	0.11756343	11.76	0.147241114	0	0.14724111
170	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
170	18	0	0	1.865422	0	0	0	0.17951846	11.76	0.33487778	0	0.33487778
170	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
170	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
170	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
170	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
170	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
170	24	0	0	0.853885	0	0	0	0.21780694	11.76	0.185982016	0	0.18598202
171	1	0	0	0.622116	0	0	0	0.224221	11.76	0.139491385	0	0.13949139
171	2	0	0	0.517904	0	0	0	0.22671136	11.76	0.117414769	0	0.11741477
171	3	0	0	0.513429	0	0	0	0.2426774	11.76	0.124597524	0	0.12459752
171	4	0	0.119	0.671651	0	0	0	0.22719704	11.76	0.152597146	0	0.15259715
171	5	0	0.104	0.829659	0	0	0	0.20101264	11.76	0.166771964	0	0.16677196
171	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
171	7	0	0	1.573604	0	0	0	0.14509284	11.76	0.22831866	0	0.22831866
171	8	0	0	1.360342	0	0	0	0.1392201	11.76	0.189387009	0	0.18938701
171	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
171	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
171	11	0	0	1.235327	0	0	0	0.12489305	11.76	0.154283796	0	0.1542838
171	12	0	0	1.148866	0	0	0	0.1219274	11.76	0.140078297	0	0.1400783
171	13	0	0	1.15718	0	0	0	0.11646077	11.76	0.134766067	0	0.13476607
171	14	0	0	1.044062	0	0	0	0.1105518	11.76	0.115422944	0	0.11542294
171	15	0.794	0	1.926726	0	0	0	0.11357854	11.76	0.218834699	0	0.2188347
171	16	0	0	1.25144	0	0	0	0.11756343	11.76	0.147123559	0	0.14712356
171	17	1.595	0	3.104949	0	0	0	0.13343329	11.76	0.414303554	0	0.41430355
171	18	1.66	0	3.521422	0	0	0	0.17951846	11.76	0.632160338	0	0.63216034
171	19	0	0	1.911834	0	0	0	0.20214082	11.76	0.386459746	0	0.38645975
171	20	0	0	1.995975	0	0	0	0.20338508	11.76	0.405951537	0	0.40595154
171	21	0	0	1.950969	0	0	0	0.20459254	11.76	0.399153625	0	0.39915363
171	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
171	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
171	24	0	0	0.853885	0	0	0	0.21780694	11.76	0.185982016	0	0.18598202
172	1	0	0	0.576116	0	0	0	0.224221	11.76	0.129177218	0	0.12917722

172	2	0	0	0.516904	0	0	0	0.22671136	11.76	0.11718806	0	0.11718806
172	3	0	0	0.512429	0	0	0	0.2426774	11.76	0.12435485	0	0.12435485
172	4	0	0	0.598651	0	0	0	0.22719704	11.76	0.136011759	0	0.13601176
172	5	0	0	0.770659	0	0	0	0.20101264	11.76	0.154912227	0	0.15491223
172	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
172	7	0	0	1.619604	0	0	0	0.14509284	11.76	0.234992931	0	0.23499293
172	8	0	0	1.361342	0	0	0	0.1392201	11.76	0.189526236	0	0.18952624
172	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
172	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
172	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
172	12	0	0	1.197866	0	0	0	0.1219274	11.76	0.146052743	0	0.14605274
172	13	0	0	1.10918	0	0	0	0.11646077	11.76	0.129175952	0	0.12917595
172	14	0.214	0	1.261062	0	0	0	0.1105518	11.76	0.139412685	0	0.13941268
172	15	0	0	1.130726	0	0	0	0.11357854	11.76	0.12842618	0	0.12842618
172	16	1.349	0	2.59944	0	0	0	0.11756343	11.76	0.305599071	0	0.30559907
172	17	0	0	1.509949	0	0	0	0.13343329	11.76	0.201477472	0	0.20147747
172	18	0	0	1.861423	0	0	0	0.17951846	11.76	0.334159715	0	0.33415972
172	19	0	0	1.912834	0	0	0	0.20214082	11.76	0.386661896	0	0.3866619
172	20	0	0	1.996975	0	0	0	0.20338508	11.76	0.406154932	0	0.40615493
172	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
172	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
172	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
172	24	0	0	0.853885	0	0	0	0.21780694	11.76	0.185982016	0	0.18598202
173	1	0	0	0.622116	0	0	0	0.224221	11.76	0.139491385	0	0.13949139
173	2	0	0	0.516904	0	0	0	0.22671136	11.76	0.11718806	0	0.11718806
173	3	0	0	0.513429	0	0	0	0.2426774	11.76	0.124597524	0	0.12459752
173	4	0	0.083	0.635651	0	0	0	0.22719704	11.76	0.144418049	0	0.14441805
173	5	0	0.135	0.860659	0	0	0	0.20101264	11.76	0.173003359	0	0.17300336
173	6	0	0.203	1.292058	0	0	0	0.14040553	11.76	0.181412019	0	0.18141202
173	7	0	0.193	1.767604	0	0	0	0.14509284	11.76	0.25646669	0	0.25646669
173	8	0	0.083	1.444342	0	0	0	0.1392201	11.76	0.201081497	0	0.2010815
173	9	0	0	1.389514	0	0	0	0.13832814	11.76	0.192208827	0	0.19220883
173	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
173	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
173	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
173	13	0	0	1.11218	0	0	0	0.11646077	11.76	0.129525337	0	0.12952534
173	14	0	0	1.093062	0	0	0	0.1105518	11.76	0.120839985	0	0.12083999
173	15	0	0	1.131726	0	0	0	0.11357854	11.76	0.128539764	0	0.12853976
173	16	0.786	0	2.03844	0	0	0	0.11756343	11.76	0.239645973	0	0.23964597
173	17	1.304	0	2.813949	0	0	0	0.13343329	11.76	0.375474482	0	0.37547448
173	18	0	0	1.861423	0	0	0	0.17951846	11.76	0.334159715	0	0.33415972
173	19	0	0	1.912834	0	0	0	0.20214082	11.76	0.386661896	0	0.3866619
173	20	0	0	1.995975	0	0	0	0.20338508	11.76	0.405951537	0	0.40595154
173	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
173	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
173	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
173	24	0	0	0.853885	0	0	0	0.21780694	11.76	0.185982016	0	0.18598202
174	1	0	0	0.576116	0	0	0	0.224221	11.76	0.129177218	0	0.12917722
174	2	0	0	0.516904	0	0	0	0.22671136	11.76	0.11718806	0	0.11718806
174	3	0	0	0.513429	0	0	0	0.2426774	11.76	0.124597524	0	0.12459752
174	4	0	0	0.598651	0	0	0	0.22719704	11.76	0.136011759	0	0.13601176
174	5	0	0	0.770659	0	0	0	0.20101264	11.76	0.154912227	0	0.15491223
174	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
174	7	0	0	1.619604	0	0	0	0.14509284	11.76	0.234992931	0	0.23499293
174	8	0	0	1.407342	0	0	0	0.1392201	11.76	0.195930361	0	0.19593036
174	9	0	0	1.388514	0	0	0	0.13832814	11.76	0.192070492	0	0.19207049
174	10	0	0	1.360332	0	0	0	0.13130589	11.76	0.178619599	0	0.1786196
174	11	0	0	1.190327	0	0	0	0.12489305	11.76	0.148663615	0	0.14866361
174	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
174	13	0	0	1.11318	0	0	0	0.11646077	11.76	0.129641789	0	0.12964179
174	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
174	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
174	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
174	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
174	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
174	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
174	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
174	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
174	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
174	23	0	0	1.339	0	0	0	0.21941273	11.76	0.29379364	0	0.29379364
174	24	0	0	0.899885	0	0	0	0.21780694	11.76	0.196001136	0	0.19600114
175	1	0	0	0.623116	0	0	0	0.224221	11.76	0.139715603	0	0.1397156
175	2	0	0.126	0.597904	0	0	0	0.22671136	11.76	0.135551674	0	0.13555167
175	3	0	0.21	0.677429	0	0	0	0.2426774	11.76	0.164396626	0	0.16439663
175	4	0	0.262	0.814651	0	0	0	0.22719704	11.76	0.185086323	0	0.18508632
175	5	0	0.237	0.962659	0	0	0	0.20101264	11.76	0.193506647	0	0.19350665
175	6	0	0.198	1.287058	0	0	0	0.14040553	11.76	0.180709992	0	0.18070999
175	7	0	0	1.620604	0	0	0	0.14509284	11.76	0.235138031	0	0.23513803
175	8	0	0	1.407342	0	0	0	0.1392201	11.76	0.195930361	0	0.19593036
175	9	0	0	1.342514	0	0	0	0.13832814	11.76	0.185707397	0	0.1857074
175	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
175	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
175	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
175	13	0	0	1.11318	0	0	0	0.11646077	11.76	0.129641789	0	0.12964179
175	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
175	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
175	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
175	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
175	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
175	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
175	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
175	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
175	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
175	23	0	0	1.339	0	0	0	0.21941273	11.76	0.29379364	0	0.29379364
175	24	0	0	0.899885	0	0	0	0.21780694	11.76	0.196001136	0	0.19600114
176	1	0	0	0.623116	0	0	0	0.224221	11.76	0.139715603	0	0.1397156
176	2	0	0.101	0.572904	0	0	0	0.22671136	11.76	0.129883895	0	0.1298839
176	3	0	0.287	0.754429	0	0	0	0.2426774	11.76	0.183082777	0	0.18308278
176	4	0	0.351	0.903651	0	0	0	0.22719704	11.76	0.205306857	0	0.20530686
176	5	0	0.344	1.069659	0	0	0	0.20101264	11.76	0.215014998	0	0.215015
176	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
176	7	0	0	1.619604	0	0	0	0.14509284	11.76	0.234992931	0	0.23499293
176	8	0	0	1.360342	0	0	0	0.1392201	11.76	0.189387009	0	0.18938701
176	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
176	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
176	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
176	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
176	13	0	0	1.15818	0	0	0	0.11646077	11.76	0.134882519	0	0.13488252
176	14	0	0	1.045062	0	0	0	0.1105518	11.76	0.115533501	0	0.1155335
176	15	0	0	1.180726	0	0	0	0.11357854	11.76	0.134105102	0	0.1341051
176	16	0	0	1.25144	0	0	0	0.11756343	11.76	0.147123559	0	0.14712356

176	17	0	0	1.512949	0	0	0	0.13343329	11.76	0.201877774	0	0.20187777
176	18	0	0	1.863422	0	0	0	0.17951846	11.76	0.334518726	0	0.33451873
176	19	0	0	1.915834	0	0	0	0.20214082	11.76	0.387268299	0	0.3872683
176	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
176	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
176	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
176	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
176	24	0	0	0.853885	0	0	0	0.21780694	11.76	0.185982016	0	0.18598202
177	1	0	0	0.622116	0	0	0	0.224221	11.76	0.139491385	0	0.13949139
177	2	0	0	0.517904	0	0	0	0.22671136	11.76	0.117414769	0	0.11741477
177	3	0	0	0.513429	0	0	0	0.2426774	11.76	0.124597524	0	0.12459752
177	4	0	0.144	0.696651	0	0	0	0.22719704	11.76	0.158277066	0	0.15827707
177	5	0	0.177	0.902659	0	0	0	0.20101264	11.76	0.181445889	0	0.18144589
177	6	0	0.146	1.235058	0	0	0	0.14040553	11.76	0.173408914	0	0.17340891
177	7	0	0.126	1.700604	0	0	0	0.14509284	11.76	0.246745465	0	0.24674546
177	8	0	0	1.407342	0	0	0	0.1392201	11.76	0.195930361	0	0.19593036
177	9	0	0	1.389514	0	0	0	0.13832814	11.76	0.192208827	0	0.19220883
177	10	0	0	1.314332	0	0	0	0.13130589	11.76	0.172579528	0	0.17257953
177	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
177	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
177	13	0	0	1.15918	0	0	0	0.11646077	11.76	0.134998985	0	0.13499899
177	14	0	0	1.046062	0	0	0	0.1105518	11.76	0.115644045	0	0.11564405
177	15	0	0	1.181726	0	0	0	0.11357854	11.76	0.134218686	0	0.13421869
177	16	0	0	1.25244	0	0	0	0.11756343	11.76	0.147241114	0	0.14724111
177	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
177	18	0	0	1.865422	0	0	0	0.17951846	11.76	0.33487778	0	0.33487778
177	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
177	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
177	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
177	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
177	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
177	24	0	0	0.899885	0	0	0	0.21780694	11.76	0.196001136	0	0.19600114
178	1	0	0	0.623116	0	0	0	0.224221	11.76	0.139715603	0	0.1397156
178	2	0	0	0.517904	0	0	0	0.22671136	11.76	0.117414769	0	0.11741477
178	3	0	0	0.513429	0	0	0	0.2426774	11.76	0.124597524	0	0.12459752
178	4	0	0.139	0.691651	0	0	0	0.22719704	11.76	0.157141082	0	0.15714108
178	5	0	0.155	0.880659	0	0	0	0.20101264	11.76	0.177023608	0	0.17702361
178	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
178	7	0	0	1.619604	0	0	0	0.14509284	11.76	0.234992931	0	0.23499293
178	8	0	0	1.360342	0	0	0	0.1392201	11.76	0.189387009	0	0.18938701
178	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
178	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
178	11	0	0	1.235327	0	0	0	0.12489305	11.76	0.154283796	0	0.1542838
178	12	0	0	1.148866	0	0	0	0.1219274	11.76	0.140078297	0	0.1400783
178	13	0	0	1.15818	0	0	0	0.11646077	11.76	0.134882519	0	0.13488252
178	14	0	0	1.045062	0	0	0	0.1105518	11.76	0.115533501	0	0.1155335
178	15	0	0	1.131726	0	0	0	0.11357854	11.76	0.128539764	0	0.12853976
178	16	1.262	0	2.51344	0	0	0	0.11756343	11.76	0.295488592	0	0.29548859
178	17	0	0	1.509949	0	0	0	0.13343329	11.76	0.201477472	0	0.20147747
178	18	0	0	1.861423	0	0	0	0.17951846	11.76	0.334159715	0	0.33415972
178	19	0	0	1.913834	0	0	0	0.20214082	11.76	0.386864046	0	0.38686405
178	20	0	0	1.998975	0	0	0	0.20338508	11.76	0.406561697	0	0.4065617
178	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
178	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
178	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
178	24	0	0	0.853885	0	0	0	0.21780694	11.76	0.185982016	0	0.18598202
179	1	0	0	0.576116	0	0	0	0.224221	11.76	0.129177218	0	0.12917722
179	2	0	0	0.516904	0	0	0	0.22671136	11.76	0.11718806	0	0.11718806
179	3	0	0	0.513429	0	0	0	0.2426774	11.76	0.124597524	0	0.12459752
179	4	0	0	0.598651	0	0	0	0.22719704	11.76	0.136011759	0	0.13601176
179	5	0	0	0.771659	0	0	0	0.20101264	11.76	0.155113237	0	0.15511324
179	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
179	7	0	0	1.573604	0	0	0	0.14509284	11.76	0.22831866	0	0.22831866
179	8	0	0	1.360342	0	0	0	0.1392201	11.76	0.189387009	0	0.18938701
179	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
179	10	0	0	1.359332	0	0	0	0.13130589	11.76	0.178488287	0	0.17848829
179	11	0	0	1.186327	0	0	0	0.12489305	11.76	0.148164049	0	0.14816405
179	12	0	0	1.195866	0	0	0	0.1219274	11.76	0.145808891	0	0.14580889
179	13	0	0	1.10818	0	0	0	0.11646077	11.76	0.129059486	0	0.12905949
179	14	1.08	0	2.124062	0	0	0	0.1105518	11.76	0.234818902	0	0.2348189
179	15	1.496	0	2.626726	0	0	0	0.11357854	11.76	0.29833967	0	0.29833967
179	16	1.756	0	3.00644	0	0	0	0.11756343	11.76	0.353447367	0	0.35344737
179	17	1.966	0	3.475949	0	0	0	0.13343329	11.76	0.463807311	0	0.46380731
179	18	1.91	0	3.771422	0	0	0	0.17951846	11.76	0.677039954	0	0.67703995
179	19	1.732	0	3.643834	0	0	0	0.20214082	11.76	0.736567625	0	0.73656762
179	20	0	0	1.995975	0	0	0	0.20338508	11.76	0.405951537	0	0.40595154
179	21	0	0	1.950969	0	0	0	0.20459254	11.76	0.399153625	0	0.39915363
179	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
179	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
179	24	0	0	0.853885	0	0	0	0.21780694	11.76	0.185982016	0	0.18598202
180	1	0	0	0.576116	0	0	0	0.224221	11.76	0.129177218	0	0.12917722
180	2	0	0	0.516904	0	0	0	0.22671136	11.76	0.11718806	0	0.11718806
180	3	0	0	0.513429	0	0	0	0.2426774	11.76	0.124597524	0	0.12459752
180	4	0	0	0.598651	0	0	0	0.22719704	11.76	0.136011759	0	0.13601176
180	5	0	0	0.770659	0	0	0	0.20101264	11.76	0.154912227	0	0.15491223
180	6	0	0	1.135058	0	0	0	0.14040553	11.76	0.159368358	0	0.15936836
180	7	0	0	1.619604	0	0	0	0.14509284	11.76	0.234992931	0	0.23499293
180	8	0	0	1.407342	0	0	0	0.1392201	11.76	0.195930361	0	0.19593036
180	9	0	0	1.389514	0	0	0	0.13832814	11.76	0.192208827	0	0.19220883
180	10	0	0	1.360332	0	0	0	0.13130589	11.76	0.178619599	0	0.1786196
180	11	0	0	1.236327	0	0	0	0.12489305	11.76	0.154408695	0	0.1544087
180	12	0	0	1.152866	0	0	0	0.1219274	11.76	0.140566015	0	0.14056601
180	13	0	0	1.11318	0	0	0	0.11646077	11.76	0.129641789	0	0.12964179
180	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
180	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
180	16	0	0	1.25644	0	0	0	0.11756343	11.76	0.147711375	0	0.14771138
180	17	0	0	1.514949	0	0	0	0.13343329	11.76	0.202144638	0	0.20214464
180	18	0	0	1.866422	0	0	0	0.17951846	11.76	0.335057285	0	0.33505729
180	19	0	0	1.917834	0	0	0	0.20214082	11.76	0.387672599	0	0.3876726
180	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
180	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
180	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
180	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
180	24	0	0	0.899885	0	0	0	0.21780694	11.76	0.196001136	0	0.19600114
181	1	0	0	0.623116	0	0	0	0.224221	11.76	0.139715603	0	0.1397156
181	2	0	0	0.517904	0	0	0	0.22671136	11.76	0.117414769	0	0.11741477
181	3	0	0	0.513429	0	0	0	0.2426774	11.76	0.124597524	0	0.12459752
181	4	0	0.146	0.698651	0	0	0	0.22719704	11.76	0.158731454	0	0.15873145
181	5	0	0.16	0.885659	0	0	0	0.20101264	11.76	0.17802867	0	0.17802867
181	6	0	0.101	1.190058	0	0	0	0.14040553	11.76	0.167090655	0	0.16709065
181	7	0	0	1.620604	0	0	0	0.14509284	11.76	0.235138031	0	0.23513803

181	8	0	0	1.361342	0	0	0	0.1392201	11.76	0.189526236	0	0.18952624
181	9	0	0	1.341514	0	0	0	0.13832814	11.76	0.185569079	0	0.18556908
181	10	0	0	1.313332	0	0	0	0.13130589	11.76	0.172448231	0	0.17244823
181	11	0	0	1.189327	0	0	0	0.12489305	11.76	0.148538716	0	0.14853872
181	12	0	0	1.151866	0	0	0	0.1219274	11.76	0.140444082	0	0.14044408
181	13	0	0	1.11318	0	0	0	0.11646077	11.76	0.129641789	0	0.12964179
181	14	0	0	1.049062	0	0	0	0.1105518	11.76	0.115975703	0	0.1159757
181	15	0	0	1.135726	0	0	0	0.11357854	11.76	0.128994072	0	0.12899407
181	16	0	0	1.25444	0	0	0	0.11756343	11.76	0.147476252	0	0.14747625
181	17	0	0	1.513949	0	0	0	0.13343329	11.76	0.202011198	0	0.2020112
181	18	0	0	1.865422	0	0	0	0.17951846	11.76	0.33487778	0	0.33487778
181	19	0	0	1.915834	0	0	0	0.20214082	11.76	0.387268299	0	0.3872683
181	20	0	0	2.000975	0	0	0	0.20338508	11.76	0.406968486	0	0.40696849
181	21	0	0	1.952969	0	0	0	0.20459254	11.76	0.399562805	0	0.3995628
181	22	0	0	1.706728	0	0	0	0.2175441	11.76	0.371288711	0	0.37128871
181	23	0	0	1.293	0	0	0	0.21941273	11.76	0.283700654	0	0.28370065
181	24	0	0	0.853885	0	0	0	0.21780694	11.76	0.185982016	0	0.18598202
182	1	0	0	0.619116	0	0	0	0.25632798	11.76	0.158696651	0	0.15869665
182	2	0	0	0.516904	0	0	0	0.26299359	11.76	0.135942501	0	0.1359425
182	3	0	0	0.513429	0	0	0	0.26215377	11.76	0.13459725	0	0.13459725
182	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
182	5	0	0.084	0.803659	0	0	0	0.2425361	11.76	0.194916355	0	0.19491636
182	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
182	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
182	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
182	9	0	0	1.363514	0	0	0	0.15202453	11.76	0.207287512	0	0.20728751
182	10	0	0	1.335332	0	0	0	0.14737991	11.76	0.196801116	0	0.19680112
182	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
182	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
182	13	0	0	1.14218	0	0	0	0.12840082	11.76	0.14665684	0	0.14665684
182	14	0	0	1.033062	0	0	0	0.13299842	11.76	0.137395645	0	0.13739565
182	15	0	0	1.122726	0	0	0	0.12830439	11.76	0.144050634	0	0.14405063
182	16	0	0	1.24044	0	0	0	0.13777139	11.76	0.170897116	0	0.17089712
182	17	0	0	1.495949	0	0	0	0.15479898	11.76	0.231571378	0	0.23157138
182	18	0	0	1.844422	0	0	0	0.18147817	11.76	0.334722409	0	0.33472241
182	19	0	0	1.892834	0	0	0	0.20610103	11.76	0.390115069	0	0.39011507
182	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
182	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
182	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
182	23	0	0	1.323	0	0	0	0.22777655	11.76	0.301348393	0	0.30134839
182	24	0	0	0.893885	0	0	0	0.24096007	11.76	0.215390508	0	0.21539051
183	1	0	0	0.620116	0	0	0	0.25632798	11.76	0.158952991	0	0.15895299
183	2	0	0.193	0.664904	0	0	0	0.26299359	11.76	0.174865553	0	0.17486555
183	3	0	0.289	0.756429	0	0	0	0.26215377	11.76	0.198300623	0	0.19830062
183	4	0	0.358	0.910651	0	0	0	0.25911293	11.76	0.235961474	0	0.23596147
183	5	0	0.292	1.011659	0	0	0	0.2425361	11.76	0.245363865	0	0.24536387
183	6	0	0.237	1.314058	0	0	0	0.19817449	11.76	0.260412699	0	0.2604127
183	7	0	0.141	1.685604	0	0	0	0.17797676	11.76	0.299998331	0	0.29999833
183	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
183	9	0	0	1.364514	0	0	0	0.15202453	11.76	0.207439543	0	0.20743954
183	10	0	0	1.290332	0	0	0	0.14737991	11.76	0.190169026	0	0.19016903
183	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
183	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
183	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504
183	14	0	0	1.081062	0	0	0	0.13299842	11.76	0.143779567	0	0.14377957
183	15	0	0	1.119726	0	0	0	0.12830439	11.76	0.143665718	0	0.14366572
183	16	0	0	1.24044	0	0	0	0.13777139	11.76	0.170897116	0	0.17089712
183	17	0	0	1.495949	0	0	0	0.15479898	11.76	0.231571378	0	0.23157138
183	18	0	0	1.844422	0	0	0	0.18147817	11.76	0.334722409	0	0.33472241
183	19	0	0	1.892834	0	0	0	0.20610103	11.76	0.390115069	0	0.39011507
183	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
183	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
183	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
183	23	0	0	1.323	0	0	0	0.22777655	11.76	0.301348393	0	0.30134839
183	24	0	0	0.893885	0	0	0	0.24096007	11.76	0.215390508	0	0.21539051
184	1	0	0	0.620116	0	0	0	0.25632798	11.76	0.158952991	0	0.15895299
184	2	0	0	0.517904	0	0	0	0.26299359	11.76	0.136205491	0	0.13620549
184	3	0	0.196	0.663429	0	0	0	0.26215377	11.76	0.173920324	0	0.17392032
184	4	0	0.304	0.856651	0	0	0	0.25911293	11.76	0.22196937	0	0.22196937
184	5	0	0.28	0.999659	0	0	0	0.2425361	11.76	0.242453426	0	0.24245343
184	6	0	0.252	1.329058	0	0	0	0.19817449	11.76	0.263385313	0	0.26338531
184	7	0	0.12	1.664604	0	0	0	0.17797676	11.76	0.296260814	0	0.29626081
184	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
184	9	0	0	1.364514	0	0	0	0.15202453	11.76	0.207439543	0	0.20743954
184	10	0	0	1.336332	0	0	0	0.14737991	11.76	0.196948485	0	0.19694849
184	11	0	0	1.169327	0	0	0	0.13542202	11.76	0.158352675	0	0.15835268
184	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
184	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504
184	14	0	0	1.081062	0	0	0	0.13299842	11.76	0.143779567	0	0.14377957
184	15	0	0	1.119726	0	0	0	0.12830439	11.76	0.143665718	0	0.14366572
184	16	0	0	1.24044	0	0	0	0.13777139	11.76	0.170897116	0	0.17089712
184	17	0	0	1.495949	0	0	0	0.15479898	11.76	0.231571378	0	0.23157138
184	18	0	0	1.844422	0	0	0	0.18147817	11.76	0.334722409	0	0.33472241
184	19	0	0	1.892834	0	0	0	0.20610103	11.76	0.390115069	0	0.39011507
184	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
184	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
184	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
184	23	0	0	1.323	0	0	0	0.22777655	11.76	0.301348393	0	0.30134839
184	24	0	0	0.893885	0	0	0	0.24096007	11.76	0.215390508	0	0.21539051
185	1	0	0	0.620116	0	0	0	0.25632798	11.76	0.158952991	0	0.15895299
185	2	0	0.136	0.607904	0	0	0	0.26299359	11.76	0.159874907	0	0.15987491
185	3	0	0.252	0.719429	0	0	0	0.26215377	11.76	0.188600934	0	0.18860093
185	4	0	0.306	0.858651	0	0	0	0.25911293	11.76	0.222487605	0	0.2224876
185	5	0	0.296	1.015659	0	0	0	0.2425361	11.76	0.246333997	0	0.246334
185	6	0	0.258	1.335057	0	0	0	0.19817449	11.76	0.264574345	0	0.26457434
185	7	0	0.252	1.796604	0	0	0	0.17797676	11.76	0.319753741	0	0.31975374
185	8	0	0.162	1.499342	0	0	0	0.16209511	11.76	0.243036074	0	0.24303607
185	9	0	0	1.364514	0	0	0	0.15202453	11.76	0.207439543	0	0.20743954
185	10	0	0	1.336332	0	0	0	0.14737991	11.76	0.196948485	0	0.19694849
185	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
185	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
185	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504
185	14	0	0	1.035062	0	0	0	0.13299842	11.76	0.137661639	0	0.13766164
185	15	0	0	1.122726	0	0	0	0.12830439	11.76	0.144050634	0	0.14405063
185	16	0	0	1.24044	0	0	0	0.13777139	11.76	0.170897116	0	0.17089712
185	17	0	0	1.495949	0	0	0	0.15479898	11.76	0.231571378	0	0.23157138
185	18	0	0	1.844422	0	0	0	0.18147817	11.76	0.334722409	0	0.33472241
185	19	0	0	1.892834	0	0	0	0.20610103	11.76	0.390115069	0	0.39011507
185	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
185	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
185	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682

185	23	0	0	1.323	0	0	0	0.22777655	11.76	0.301348393	0	0.30134839
185	24	0	0	0.893885	0	0	0	0.24096007	11.76	0.215390508	0	0.21539051
186	1	0	0.121	0.695116	0	0	0	0.25632798	11.76	0.178177586	0	0.17817759
186	2	0	0.271	0.742904	0	0	0	0.26299359	11.76	0.195379039	0	0.19537904
186	3	0	0.338	0.805429	0	0	0	0.26215377	11.76	0.211146149	0	0.21114615
186	4	0	0.41	0.962651	0	0	0	0.25911293	11.76	0.249435358	0	0.24943536
186	5	0	0.334	1.053659	0	0	0	0.2425361	11.76	0.255550366	0	0.25555037
186	6	0	0.247	1.324058	0	0	0	0.19817449	11.76	0.262394442	0	0.26239444
186	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
186	8	0	0	1.337342	0	0	0	0.16209511	11.76	0.216776657	0	0.21677666
186	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
186	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
186	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
186	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
186	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504
186	14	0	0	1.034062	0	0	0	0.13299842	11.76	0.137528634	0	0.13752863
186	15	0	0	1.122726	0	0	0	0.12830439	11.76	0.144050634	0	0.14405063
186	16	0	0	1.24044	0	0	0	0.13777139	11.76	0.170897116	0	0.17089712
186	17	0	0	1.495949	0	0	0	0.15479898	11.76	0.231571378	0	0.23157138
186	18	0	0	1.844422	0	0	0	0.18147817	11.76	0.334722409	0	0.33472241
186	19	0	0	1.892834	0	0	0	0.20610103	11.76	0.390115069	0	0.39011507
186	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
186	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
186	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
186	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
186	24	0	0	0.893885	0	0	0	0.24096007	11.76	0.215390508	0	0.21539051
187	1	0	0	0.620116	0	0	0	0.25632798	11.76	0.158952991	0	0.15895299
187	2	0	0	0.517904	0	0	0	0.26299359	11.76	0.136205491	0	0.13620549
187	3	0	0.171	0.638429	0	0	0	0.26215377	11.76	0.167366486	0	0.16736649
187	4	0	0.273	0.825651	0	0	0	0.25911293	11.76	0.21393688	0	0.21393688
187	5	0	0.263	0.982659	0	0	0	0.2425361	11.76	0.238330322	0	0.23833032
187	6	0	0.101	1.178058	0	0	0	0.19817449	11.76	0.23346096	0	0.23346096
187	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
187	8	0	0	1.337342	0	0	0	0.16209511	11.76	0.216776657	0	0.21677666
187	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
187	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
187	11	0	0	1.214327	0	0	0	0.13542202	11.76	0.16444666	0	0.16444666
187	12	0	0	1.130867	0	0	0	0.13522845	11.76	0.15292533	0	0.15292533
187	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504
187	14	0	0	1.034062	0	0	0	0.13299842	11.76	0.137528634	0	0.13752863
187	15	0	0	1.121726	0	0	0	0.12830439	11.76	0.143922339	0	0.14392234
187	16	0	0	1.23844	0	0	0	0.13777139	11.76	0.170621577	0	0.17062158
187	17	0	0	1.492949	0	0	0	0.15479898	11.76	0.231106978	0	0.23110698
187	18	0	0	1.842422	0	0	0	0.18147817	11.76	0.334359458	0	0.33435946
187	19	0	0	1.890834	0	0	0	0.20610103	11.76	0.389702897	0	0.3897029
187	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
187	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
187	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
187	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
187	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
188	1	0	0	0.619116	0	0	0	0.25632798	11.76	0.158696651	0	0.15869665
188	2	0	0	0.517904	0	0	0	0.26299359	11.76	0.136205491	0	0.13620549
188	3	0	0	0.513429	0	0	0	0.26215377	11.76	0.13459725	0	0.13459725
188	4	0	0.147	0.699651	0	0	0	0.25911293	11.76	0.181288654	0	0.18128865
188	5	0	0.248	0.967659	0	0	0	0.2425361	11.76	0.23469227	0	0.23469227
188	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
188	7	0	0	1.544604	0	0	0	0.17797676	11.76	0.274903602	0	0.2749036
188	8	0	0	1.336342	0	0	0	0.16209511	11.76	0.216614554	0	0.21661455
188	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
188	10	0	0	1.335332	0	0	0	0.14737991	11.76	0.196801116	0	0.19680112
188	11	0	0	1.165327	0	0	0	0.13542202	11.76	0.157810994	0	0.15781099
188	12	0.151	0	1.280867	0	0	0	0.13522845	11.76	0.173209594	0	0.17320959
188	13	0.714	0	1.80518	0	0	0	0.12840082	11.76	0.231786579	0	0.23178658
188	14	1.173	0	2.202062	0	0	0	0.13299842	11.76	0.292870789	0	0.29287079
188	15	1.53	0	2.647726	0	0	0	0.12830439	11.76	0.339714803	0	0.3397148
188	16	1.806	0	3.04144	0	0	0	0.13777139	11.76	0.419023396	0	0.4190234
188	17	1.723	0	3.213949	0	0	0	0.15479898	11.76	0.497516045	0	0.49751605
188	18	1.544	0	3.382422	0	0	0	0.18147817	11.76	0.61383583	0	0.61383583
188	19	0	0	1.887834	0	0	0	0.20610103	11.76	0.38908459	0	0.38908459
188	20	0	0	1.975975	0	0	0	0.20859186	11.76	0.412172307	0	0.41217231
188	21	0	0	1.930969	0	0	0	0.21218273	11.76	0.409718204	0	0.4097182
188	22	0	0	1.688728	0	0	0	0.22521775	11.76	0.380331623	0	0.38033162
188	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
188	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
189	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
189	2	0	0	0.516904	0	0	0	0.26299359	11.76	0.135942501	0	0.1359425
189	3	0	0	0.512429	0	0	0	0.26215377	11.76	0.134335099	0	0.1343351
189	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
189	5	0	0	0.764659	0	0	0	0.2425361	11.76	0.185457439	0	0.18545744
189	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
189	7	0	0	1.544604	0	0	0	0.17797676	11.76	0.274903602	0	0.2749036
189	8	0	0	1.382342	0	0	0	0.16209511	11.76	0.22407093	0	0.22407093
189	9	0	0	1.316514	0	0	0	0.15202453	11.76	0.200142369	0	0.20014237
189	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
189	11	0	0	1.214327	0	0	0	0.13542202	11.76	0.16444666	0	0.16444666
189	12	0	0	1.175866	0	0	0	0.13522845	11.76	0.159010604	0	0.1590106
189	13	0	0	1.09218	0	0	0	0.12840082	11.76	0.14023679	0	0.14023679
189	14	0.193	0	1.227062	0	0	0	0.13299842	11.76	0.163197324	0	0.16319732
189	15	0	0	1.117726	0	0	0	0.12830439	11.76	0.143409113	0	0.14340911
189	16	0	0	1.23944	0	0	0	0.13777139	11.76	0.170759338	0	0.17075934
189	17	0	0	1.493949	0	0	0	0.15479898	11.76	0.231261784	0	0.23126178
189	18	0	0	1.842422	0	0	0	0.18147817	11.76	0.334359458	0	0.33435946
189	19	0	0	1.891834	0	0	0	0.20610103	11.76	0.389908983	0	0.38990898
189	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
189	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
189	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
189	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
189	24	0	0	0.893885	0	0	0	0.24096007	11.76	0.215390508	0	0.21539051
190	1	0	0	0.620116	0	0	0	0.25632798	11.76	0.158952991	0	0.15895299
190	2	0	0	0.517904	0	0	0	0.26299359	11.76	0.136205491	0	0.13620549
190	3	0	0	0.513429	0	0	0	0.26215377	11.76	0.13459725	0	0.13459725
190	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
190	5	0	0	0.765659	0	0	0	0.2425361	11.76	0.185699986	0	0.18569999
190	6	0	0.086	1.163058	0	0	0	0.19817449	11.76	0.230488345	0	0.23048835
190	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
190	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
190	9	0	0	1.364514	0	0	0	0.15202453	11.76	0.207439543	0	0.20743954
190	10	0	0	1.336332	0	0	0	0.14737991	11.76	0.196948485	0	0.19694849
190	11	0	0	1.215327	0	0	0	0.13542202	11.76	0.164582089	0	0.16458209
190	12	0	0	1.133867	0	0	0	0.13522845	11.76	0.153331018	0	0.15333102
190	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504

190	14	0	0	1.035062	0	0	0	0.13299842	11.76	0.137661639	0	0.13766164
190	15	0	0	1.122726	0	0	0	0.12830439	11.76	0.144050634	0	0.14405063
190	16	0	0	1.23944	0	0	0	0.13777139	11.76	0.170759338	0	0.17075934
190	17	0	0	1.495949	0	0	0	0.15479898	11.76	0.231571378	0	0.23157138
190	18	0	0	1.844422	0	0	0	0.18147817	11.76	0.334722409	0	0.33472241
190	19	0	0	1.892834	0	0	0	0.20610103	11.76	0.390115069	0	0.39011507
190	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
190	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
190	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
190	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
190	24	0	0	0.893885	0	0	0	0.24096007	11.76	0.215390508	0	0.21539051
191	1	0	0	0.620116	0	0	0	0.25632798	11.76	0.158952991	0	0.15895299
191	2	0	0	0.517904	0	0	0	0.26299359	11.76	0.136205491	0	0.13620549
191	3	0	0	0.513429	0	0	0	0.26215377	11.76	0.13459725	0	0.13459725
191	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
191	5	0	0	0.765659	0	0	0	0.2425361	11.76	0.185699986	0	0.18569999
191	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
191	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
191	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
191	9	0	0	1.364514	0	0	0	0.15202453	11.76	0.207439543	0	0.20743954
191	10	0	0	1.290332	0	0	0	0.14737991	11.76	0.190169026	0	0.19016903
191	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
191	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
191	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504
191	14	0	0	1.034062	0	0	0	0.13299842	11.76	0.137528634	0	0.13752863
191	15	0	0	1.120726	0	0	0	0.12830439	11.76	0.143794029	0	0.14379403
191	16	0	0	1.23944	0	0	0	0.13777139	11.76	0.170759338	0	0.17075934
191	17	0	0	1.493949	0	0	0	0.15479898	11.76	0.231261784	0	0.23126178
191	18	0	0	1.888422	0	0	0	0.18147817	11.76	0.342707454	0	0.34270745
191	19	0	0	1.887834	0	0	0	0.20610103	11.76	0.38908459	0	0.38908459
191	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
191	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
191	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
191	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
191	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
192	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
192	2	0	0	0.516904	0	0	0	0.26299359	11.76	0.135942501	0	0.1359425
192	3	0	0	0.512429	0	0	0	0.26215377	11.76	0.134335099	0	0.1343351
192	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
192	5	0	0	0.764659	0	0	0	0.2425361	11.76	0.185457439	0	0.18545744
192	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
192	7	0	0	1.589604	0	0	0	0.17797676	11.76	0.282912549	0	0.28291255
192	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
192	9	0	0	1.364514	0	0	0	0.15202453	11.76	0.207439543	0	0.20743954
192	10	0	0	1.290332	0	0	0	0.14737991	11.76	0.190169026	0	0.19016903
192	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
192	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
192	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504
192	14	0	0	1.081062	0	0	0	0.13299842	11.76	0.143779567	0	0.14377957
192	15	0	0	1.120726	0	0	0	0.12830439	11.76	0.143794029	0	0.14379403
192	16	0	0	1.28544	0	0	0	0.13777139	11.76	0.177096823	0	0.17709682
192	17	0	0	1.491949	0	0	0	0.15479898	11.76	0.23095219	0	0.23095219
192	18	0	0	1.843422	0	0	0	0.18147817	11.76	0.334540923	0	0.33454092
192	19	0	0	1.891834	0	0	0	0.20610103	11.76	0.389908983	0	0.38990898
192	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
192	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
192	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
192	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
192	24	0	0	0.893885	0	0	0	0.24096007	11.76	0.215390508	0	0.21539051
193	1	0	0	0.619116	0	0	0	0.25632798	11.76	0.158696651	0	0.15869665
193	2	0	0	0.517904	0	0	0	0.26299359	11.76	0.136205491	0	0.13620549
193	3	0	0	0.513429	0	0	0	0.26215377	11.76	0.13459725	0	0.13459725
193	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
193	5	0	0.1	0.819659	0	0	0	0.2425361	11.76	0.198796926	0	0.19879693
193	6	0	0.145	1.222058	0	0	0	0.19817449	11.76	0.242180644	0	0.24218064
193	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
193	8	0	0.146	1.483342	0	0	0	0.16209511	11.76	0.240442547	0	0.24044255
193	9	0	0.165	1.483514	0	0	0	0.15202453	11.76	0.225530456	0	0.22553046
193	10	0	0.099	1.389332	0	0	0	0.14737991	11.76	0.204759634	0	0.20475963
193	11	0	0	1.215327	0	0	0	0.13542202	11.76	0.164582089	0	0.16458209
193	12	0	0	1.179866	0	0	0	0.13522845	11.76	0.159551511	0	0.15955151
193	13	0	0	1.09718	0	0	0	0.12840082	11.76	0.140878793	0	0.14087879
193	14	0	0	1.035062	0	0	0	0.13299842	11.76	0.137661639	0	0.13766164
193	15	0	0	1.122726	0	0	0	0.12830439	11.76	0.144050634	0	0.14405063
193	16	0	0	1.24044	0	0	0	0.13777139	11.76	0.170897116	0	0.17089712
193	17	0	0	1.495949	0	0	0	0.15479898	11.76	0.231571378	0	0.23157138
193	18	0	0	1.844422	0	0	0	0.18147817	11.76	0.334722409	0	0.33472241
193	19	0	0	1.892834	0	0	0	0.20610103	11.76	0.390115069	0	0.39011507
193	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
193	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
193	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
193	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
193	24	0	0	0.893885	0	0	0	0.24096007	11.76	0.215390508	0	0.21539051
194	1	0	0	0.620116	0	0	0	0.25632798	11.76	0.158952991	0	0.15895299
194	2	0	0	0.517904	0	0	0	0.26299359	11.76	0.136205491	0	0.13620549
194	3	0	0.096	0.563429	0	0	0	0.26215377	11.76	0.147704941	0	0.14770494
194	4	0	0.156	0.708651	0	0	0	0.25911293	11.76	0.183620671	0	0.18362067
194	5	0	0.193	0.912659	0	0	0	0.2425361	11.76	0.221352782	0	0.22135278
194	6	0	0.182	1.259058	0	0	0	0.19817449	11.76	0.249513088	0	0.24951309
194	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
194	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
194	9	0	0	1.318514	0	0	0	0.15202453	11.76	0.200446415	0	0.20044641
194	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
194	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
194	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
194	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504
194	14	0	0	1.033062	0	0	0	0.13299842	11.76	0.137395645	0	0.13739565
194	15	0	0	1.120726	0	0	0	0.12830439	11.76	0.143794029	0	0.14379403
194	16	0	0	1.23744	0	0	0	0.13777139	11.76	0.170483799	0	0.1704838
194	17	0	0	1.492949	0	0	0	0.15479898	11.76	0.231106978	0	0.23110698
194	18	0	0	1.840423	0	0	0	0.18147817	11.76	0.333996506	0	0.33399651
194	19	0	0	1.890834	0	0	0	0.20610103	11.76	0.389702897	0	0.3897029
194	20	0	0	1.976975	0	0	0	0.20859186	11.76	0.412380909	0	0.41238091
194	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
194	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
194	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
194	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
195	1	0	0	0.619116	0	0	0	0.25632798	11.76	0.158696651	0	0.15869665
195	2	0	0	0.517904	0	0	0	0.26299359	11.76	0.136205491	0	0.13620549
195	3	0	0	0.513429	0	0	0	0.26215377	11.76	0.13459725	0	0.13459725
195	4	0	0.085	0.637651	0	0	0	0.25911293	11.76	0.165223643	0	0.16522364

195	5	0	0.11	0.829659	0	0	0	0.2425361	11.76	0.201222285	0	0.20122228
195	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
195	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
195	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
195	9	0	0	1.364514	0	0	0	0.15202453	11.76	0.207439543	0	0.20743954
195	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
195	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
195	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
195	13	0	0	1.09518	0	0	0	0.12840082	11.76	0.140621995	0	0.14062199
195	14	0	0	1.080062	0	0	0	0.13299842	11.76	0.143646562	0	0.14364656
195	15	0	0	1.118726	0	0	0	0.12830439	11.76	0.143537423	0	0.14353742
195	16	0.841	0	2.07744	0	0	0	0.13777139	11.76	0.286211775	0	0.28621177
195	17	1.417	0	2.907949	0	0	0	0.15479898	11.76	0.450147559	0	0.45014756
195	18	1.642	0	3.480422	0	0	0	0.18147817	11.76	0.631620699	0	0.6316207
195	19	0	0	1.887834	0	0	0	0.20610103	11.76	0.38908459	0	0.38908459
195	20	0	0	1.973975	0	0	0	0.20859186	11.76	0.411755129	0	0.41175513
195	21	0	0	1.930969	0	0	0	0.21218273	11.76	0.409718204	0	0.4097182
195	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
195	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
195	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
196	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
196	2	0	0	0.470904	0	0	0	0.26299359	11.76	0.123844795	0	0.12384479
196	3	0	0	0.512429	0	0	0	0.26215377	11.76	0.134335099	0	0.1343351
196	4	0	0	0.597651	0	0	0	0.25911293	11.76	0.154859135	0	0.15485914
196	5	0	0	0.764659	0	0	0	0.2425361	11.76	0.185457439	0	0.18545744
196	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
196	7	0	0	1.589604	0	0	0	0.17797676	11.76	0.282912549	0	0.28291255
196	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
196	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
196	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
196	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
196	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
196	13	0	0	1.14218	0	0	0	0.12840082	11.76	0.14665684	0	0.14665684
196	14	0	0	1.032062	0	0	0	0.13299842	11.76	0.137262641	0	0.13726264
196	15	0	0	1.120726	0	0	0	0.12830439	11.76	0.143794029	0	0.14379403
196	16	0	0	1.23744	0	0	0	0.13777139	11.76	0.170483799	0	0.1704838
196	17	1.003	0	2.495949	0	0	0	0.15479898	11.76	0.386370354	0	0.38637035
196	18	1.435	0	3.273422	0	0	0	0.18147817	11.76	0.594054715	0	0.59405472
196	19	1.505	0	3.392834	0	0	0	0.20610103	11.76	0.699266609	0	0.69926661
196	20	0	0	1.972975	0	0	0	0.20859186	11.76	0.411546527	0	0.41154653
196	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
196	22	0	0	1.688728	0	0	0	0.22521775	11.76	0.380331623	0	0.38033162
196	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
196	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
197	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
197	2	0	0	0.516904	0	0	0	0.26299359	11.76	0.135942501	0	0.1359425
197	3	0	0	0.513429	0	0	0	0.26215377	11.76	0.13459725	0	0.13459725
197	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
197	5	0	0	0.765659	0	0	0	0.2425361	11.76	0.185699986	0	0.18569999
197	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
197	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
197	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
197	9	0	0	1.364514	0	0	0	0.15202453	11.76	0.207439543	0	0.20743954
197	10	0	0	1.336332	0	0	0	0.14737991	11.76	0.196948485	0	0.19694849
197	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
197	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
197	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504
197	14	0	0	1.081062	0	0	0	0.13299842	11.76	0.143779567	0	0.14377957
197	15	0	0	1.120726	0	0	0	0.12830439	11.76	0.143794029	0	0.14379403
197	16	0	0	1.24044	0	0	0	0.13777139	11.76	0.170897116	0	0.17089712
197	17	0	0	1.495949	0	0	0	0.15479898	11.76	0.231571378	0	0.23157138
197	18	0	0	1.844422	0	0	0	0.18147817	11.76	0.334722409	0	0.33472241
197	19	0	0	1.892834	0	0	0	0.20610103	11.76	0.390115069	0	0.39011507
197	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
197	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
197	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
197	23	0	0	1.323	0	0	0	0.22777655	11.76	0.301348393	0	0.30134839
197	24	0	0	0.893885	0	0	0	0.24096007	11.76	0.215390508	0	0.21539051
198	1	0	0	0.620116	0	0	0	0.25632798	11.76	0.158952991	0	0.15895299
198	2	0	0	0.517904	0	0	0	0.26299359	11.76	0.136205491	0	0.13620549
198	3	0	0	0.513429	0	0	0	0.26215377	11.76	0.13459725	0	0.13459725
198	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
198	5	0	0	0.765659	0	0	0	0.2425361	11.76	0.185699986	0	0.18569999
198	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
198	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
198	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
198	9	0	0	1.318514	0	0	0	0.15202453	11.76	0.200446415	0	0.20044641
198	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
198	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
198	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
198	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504
198	14	0	0	1.035062	0	0	0	0.13299842	11.76	0.137661639	0	0.13766164
198	15	0	0	1.120726	0	0	0	0.12830439	11.76	0.143794029	0	0.14379403
198	16	0	0	1.24044	0	0	0	0.13777139	11.76	0.170897116	0	0.17089712
198	17	0	0	1.495949	0	0	0	0.15479898	11.76	0.231571378	0	0.23157138
198	18	0	0	1.844422	0	0	0	0.18147817	11.76	0.334722409	0	0.33472241
198	19	0	0	1.892834	0	0	0	0.20610103	11.76	0.390115069	0	0.39011507
198	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
198	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
198	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
198	23	0	0	1.323	0	0	0	0.22777655	11.76	0.301348393	0	0.30134839
198	24	0	0	0.893885	0	0	0	0.24096007	11.76	0.215390508	0	0.21539051
199	1	0	0	0.620116	0	0	0	0.25632798	11.76	0.158952991	0	0.15895299
199	2	0	0.17	0.641904	0	0	0	0.26299359	11.76	0.1688167	0	0.1688167
199	3	0	0.265	0.732429	0	0	0	0.26215377	11.76	0.192008936	0	0.19200894
199	4	0	0.328	0.880651	0	0	0	0.25911293	11.76	0.228188093	0	0.22818809
199	5	0	0.294	1.013659	0	0	0	0.2425361	11.76	0.245848931	0	0.24584893
199	6	0	0.118	1.195058	0	0	0	0.19817449	11.76	0.236829918	0	0.23682992
199	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
199	8	0	0	1.337342	0	0	0	0.16209511	11.76	0.216776657	0	0.21677666
199	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
199	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
199	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
199	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
199	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504
199	14	0	0	1.079062	0	0	0	0.13299842	11.76	0.143513558	0	0.14351356
199	15	0	0	1.118726	0	0	0	0.12830439	11.76	0.143537423	0	0.14353742
199	16	0.649	0	1.88644	0	0	0	0.13777139	11.76	0.25989744	0	0.25989744
199	17	0	0	1.490949	0	0	0	0.15479898	11.76	0.230797384	0	0.23079738
199	18	0	0	1.843422	0	0	0	0.18147817	11.76	0.334540923	0	0.33454092
199	19	0	0	1.890834	0	0	0	0.20610103	11.76	0.389702897	0	0.3897029

199	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
199	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
199	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
199	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
199	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
200	1	0	0	0.619116	0	0	0	0.25632798	11.76	0.158696651	0	0.15869665
200	2	0	0	0.516904	0	0	0	0.26299359	11.76	0.135942501	0	0.1359425
200	3	0	0	0.513429	0	0	0	0.26215377	11.76	0.13459725	0	0.13459725
200	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
200	5	0	0.086	0.805659	0	0	0	0.2425361	11.76	0.195401421	0	0.19540142
200	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
200	7	0	0	1.543604	0	0	0	0.17797676	11.76	0.274725617	0	0.27472562
200	8	0	0	1.336342	0	0	0	0.16209511	11.76	0.216614554	0	0.21661455
200	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
200	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
200	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
200	12	0	0	1.131866	0	0	0	0.13522845	11.76	0.153060548	0	0.15306055
200	13	0	0	1.14018	0	0	0	0.12840082	11.76	0.146400026	0	0.14640003
200	14	0	0	1.030062	0	0	0	0.13299842	11.76	0.136996647	0	0.13699665
200	15	0.665	0	1.784726	0	0	0	0.12830439	11.76	0.228988145	0	0.22898814
200	16	0	0	1.23544	0	0	0	0.13777139	11.76	0.17020826	0	0.17020826
200	17	0	0	1.490949	0	0	0	0.15479898	11.76	0.230797384	0	0.23079738
200	18	0	0	1.839422	0	0	0	0.18147817	11.76	0.333815019	0	0.33381502
200	19	0	0	1.888834	0	0	0	0.20610103	11.76	0.389290676	0	0.38929068
200	20	0	0	1.975975	0	0	0	0.20859186	11.76	0.412172307	0	0.41217231
200	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
200	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
200	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
200	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
201	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
201	2	0	0	0.516904	0	0	0	0.26299359	11.76	0.135942501	0	0.1359425
201	3	0	0	0.512429	0	0	0	0.26215377	11.76	0.134335099	0	0.1343351
201	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
201	5	0	0	0.764659	0	0	0	0.2425361	11.76	0.185457439	0	0.18545744
201	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
201	7	0	0	1.543604	0	0	0	0.17797676	11.76	0.274725617	0	0.27472562
201	8	0	0	1.336342	0	0	0	0.16209511	11.76	0.216614554	0	0.21661455
201	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
201	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
201	11	0	0	1.214327	0	0	0	0.13542202	11.76	0.16444666	0	0.16444666
201	12	0	0	1.176866	0	0	0	0.13522845	11.76	0.159145823	0	0.15914582
201	13	0.502	0	1.59418	0	0	0	0.12840082	11.76	0.204693996	0	0.204694
201	14	1.17	0	2.199062	0	0	0	0.13299842	11.76	0.292471823	0	0.29247182
201	15	1.346	0	2.463726	0	0	0	0.12830439	11.76	0.316106825	0	0.31610683
201	16	1.744	0	2.97944	0	0	0	0.13777139	11.76	0.410481565	0	0.41048156
201	17	2.103	0	3.593949	0	0	0	0.15479898	11.76	0.556339637	0	0.55633964
201	18	2.037	0	3.875422	0	0	0	0.18147817	11.76	0.703304572	0	0.70330457
201	19	0	0	1.887834	0	0	0	0.20610103	11.76	0.38908459	0	0.38908459
201	20	0	0	1.973975	0	0	0	0.20859186	11.76	0.411755129	0	0.41175513
201	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
201	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
201	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
201	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
202	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
202	2	0	0	0.516904	0	0	0	0.26299359	11.76	0.135942501	0	0.1359425
202	3	0	0	0.512429	0	0	0	0.26215377	11.76	0.134335099	0	0.1343351
202	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
202	5	0	0	0.765659	0	0	0	0.2425361	11.76	0.185699986	0	0.18569999
202	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
202	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
202	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
202	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
202	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
202	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
202	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
202	13	0	0	1.14118	0	0	0	0.12840082	11.76	0.146528433	0	0.14652843
202	14	0	0	1.031062	0	0	0	0.13299842	11.76	0.137129636	0	0.13712964
202	15	0	0	1.167726	0	0	0	0.12830439	11.76	0.149824326	0	0.14982433
202	16	0	0	1.23644	0	0	0	0.13777139	11.76	0.170346038	0	0.17034604
202	17	0	0	1.491949	0	0	0	0.15479898	11.76	0.23095219	0	0.23095219
202	18	0	0	1.839422	0	0	0	0.18147817	11.76	0.333815019	0	0.33381502
202	19	0	0	1.888834	0	0	0	0.20610103	11.76	0.389290676	0	0.38929068
202	20	0	0	1.975975	0	0	0	0.20859186	11.76	0.412172307	0	0.41217231
202	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
202	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
202	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
202	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
203	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
203	2	0	0	0.516904	0	0	0	0.26299359	11.76	0.135942501	0	0.1359425
203	3	0	0	0.513429	0	0	0	0.26215377	11.76	0.13459725	0	0.13459725
203	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
203	5	0	0	0.765659	0	0	0	0.2425361	11.76	0.185699986	0	0.18569999
203	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
203	7	0	0	1.543604	0	0	0	0.17797676	11.76	0.274725617	0	0.27472562
203	8	0	0	1.336342	0	0	0	0.16209511	11.76	0.216614554	0	0.21661455
203	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
203	10	0	0	1.335332	0	0	0	0.14737991	11.76	0.196801116	0	0.19680112
203	11	0	0	1.211327	0	0	0	0.13542202	11.76	0.164040408	0	0.16404041
203	12	0	0	1.128866	0	0	0	0.13522845	11.76	0.15265486	0	0.15265486
203	13	0	0	1.09218	0	0	0	0.12840082	11.76	0.14023679	0	0.14023679
203	14	0.654	0	1.686062	0	0	0	0.13299842	11.76	0.224243599	0	0.2242436
203	15	1.257	0	2.374726	0	0	0	0.12830439	11.76	0.304687737	0	0.30468774
203	16	1.647	0	2.88244	0	0	0	0.13777139	11.76	0.397117756	0	0.39711776
203	17	1.806	0	3.296949	0	0	0	0.15479898	11.76	0.510364352	0	0.51036435
203	18	0	0	1.838423	0	0	0	0.18147817	11.76	0.333633554	0	0.33363355
203	19	0	0	1.887834	0	0	0	0.20610103	11.76	0.38908459	0	0.38908459
203	20	0	0	1.975975	0	0	0	0.20859186	11.76	0.412172307	0	0.41217231
203	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
203	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
203	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
203	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
204	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
204	2	0	0	0.516904	0	0	0	0.26299359	11.76	0.135942501	0	0.1359425
204	3	0	0	0.512429	0	0	0	0.26215377	11.76	0.134335099	0	0.1343351
204	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
204	5	0	0	0.765659	0	0	0	0.2425361	11.76	0.185699986	0	0.18569999
204	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
204	7	0	0	1.543604	0	0	0	0.17797676	11.76	0.274725617	0	0.27472562
204	8	0	0	1.336342	0	0	0	0.16209511	11.76	0.216614554	0	0.21661455
204	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
204	10	0	0	1.335332	0	0	0	0.14737991	11.76	0.196801116	0	0.19680112

204	11	0	0	1.165327	0	0	0	0.13542202	11.76	0.157810994	0	0.15781099
204	12	0.258	0	1.387866	0	0	0	0.13522845	11.76	0.187679038	0	0.18767904
204	13	0.887	0	1.97818	0	0	0	0.12840082	11.76	0.253999918	0	0.25399992
204	14	1.406	0	2.435062	0	0	0	0.13299842	11.76	0.323859427	0	0.32385943
204	15	1.703	0	2.820726	0	0	0	0.12830439	11.76	0.361911475	0	0.36191147
204	16	1.979	0	3.21444	0	0	0	0.13777139	11.76	0.442857861	0	0.44285786
204	17	2.037	0	3.527949	0	0	0	0.15479898	11.76	0.546122907	0	0.54612291
204	18	2.054	0	3.892422	0	0	0	0.18147817	11.76	0.706389694	0	0.70638969
204	19	1.912	0	3.799834	0	0	0	0.20610103	11.76	0.78314974	0	0.78314974
204	20	0	0	1.972975	0	0	0	0.20859186	11.76	0.411546527	0	0.41154653
204	21	0	0	1.929969	0	0	0	0.21218273	11.76	0.409506011	0	0.40950601
204	22	0	0	1.686728	0	0	0	0.22521775	11.76	0.379881193	0	0.37988119
204	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
204	24	0	0	0.846885	0	0	0	0.24096007	11.76	0.204065387	0	0.20406539
205	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
205	2	0	0	0.470904	0	0	0	0.26299359	11.76	0.123844795	0	0.12384479
205	3	0	0	0.466429	0	0	0	0.26215377	11.76	0.122276025	0	0.12227602
205	4	0	0	0.551651	0	0	0	0.25911293	11.76	0.142939939	0	0.14293994
205	5	0	0	0.718659	0	0	0	0.2425361	11.76	0.174300792	0	0.17430079
205	6	0	0	1.076058	0	0	0	0.19817449	11.76	0.213247162	0	0.21324716
205	7	0	0	1.543604	0	0	0	0.17797676	11.76	0.274725617	0	0.27472562
205	8	0	0	1.382342	0	0	0	0.16209511	11.76	0.22407093	0	0.22407093
205	9	0	0	1.361514	0	0	0	0.15202453	11.76	0.206983467	0	0.20698347
205	10	0.368	0	1.653332	0	0	0	0.14737991	11.76	0.243667922	0	0.24366792
205	11	1.1	0	2.263327	0	0	0	0.13542202	11.76	0.306504363	0	0.30650436
205	12	1.395	0	2.522866	0	0	0	0.13522845	11.76	0.341163329	0	0.34116333
205	13	1.752	0	2.84318	0	0	0	0.12840082	11.76	0.365066625	0	0.36506662
205	14	2.086	0	3.115062	0	0	0	0.13299842	11.76	0.414298363	0	0.41429836
205	15	2.27	0	3.387726	0	0	0	0.12830439	11.76	0.43466008	0	0.43466008
205	16	2.231	0	3.46644	0	0	0	0.13777139	11.76	0.477576232	0	0.47757623
205	17	2.198	0	3.688949	0	0	0	0.15479898	11.76	0.571045544	0	0.57104554
205	18	2.221	0	4.059422	0	0	0	0.18147817	11.76	0.736696558	0	0.73669656
205	19	2.131	0	4.018834	0	0	0	0.20610103	11.76	0.828285837	0	0.82828584
205	20	1.523	0	3.495975	0	0	0	0.20859186	11.76	0.72923193	0	0.72923193
205	21	1.069	0	2.996969	0	0	0	0.21218273	11.76	0.635904968	0	0.63590497
205	22	0	0	1.684728	0	0	0	0.22521775	11.76	0.379430737	0	0.37943074
205	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
205	24	0	0	0.845885	0	0	0	0.24096007	11.76	0.20382443	0	0.20382443
206	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
206	2	0	0	0.470904	0	0	0	0.26299359	11.76	0.123844795	0	0.12384479
206	3	0	0	0.466429	0	0	0	0.26215377	11.76	0.122276025	0	0.12227602
206	4	0	0	0.597651	0	0	0	0.25911293	11.76	0.154859135	0	0.15485914
206	5	0	0	0.764659	0	0	0	0.2425361	11.76	0.185457439	0	0.18545744
206	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
206	7	0	0	1.589604	0	0	0	0.17797676	11.76	0.282912549	0	0.28291255
206	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
206	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
206	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
206	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
206	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
206	13	0	0	1.14118	0	0	0	0.12840082	11.76	0.146528433	0	0.14652843
206	14	0	0	1.031062	0	0	0	0.13299842	11.76	0.137129636	0	0.13712964
206	15	0.297	0	1.416726	0	0	0	0.12830439	11.76	0.181772127	0	0.18177213
206	16	0.844	0	2.07944	0	0	0	0.13777139	11.76	0.286487297	0	0.2864873
206	17	1.391	0	2.881949	0	0	0	0.15479898	11.76	0.446122783	0	0.44612278
206	18	1.237	0	3.075423	0	0	0	0.18147817	11.76	0.558122046	0	0.55812205
206	19	1.017	0	2.904834	0	0	0	0.20610103	11.76	0.598689326	0	0.59868933
206	20	0	0	1.972975	0	0	0	0.20859186	11.76	0.411546527	0	0.41154653
206	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
206	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
206	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
206	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
207	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
207	2	0	0	0.516904	0	0	0	0.26299359	11.76	0.135942501	0	0.1359425
207	3	0	0	0.513429	0	0	0	0.26215377	11.76	0.13459725	0	0.13459725
207	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
207	5	0	0	0.764659	0	0	0	0.2425361	11.76	0.185457439	0	0.18545744
207	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
207	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
207	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
207	9	0	0	1.364514	0	0	0	0.15202453	11.76	0.207439543	0	0.20743954
207	10	0	0	1.336332	0	0	0	0.14737991	11.76	0.196948485	0	0.19694849
207	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
207	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
207	13	0	0	1.09618	0	0	0	0.12840082	11.76	0.140750402	0	0.1407504
207	14	0	0	1.081062	0	0	0	0.13299842	11.76	0.143779567	0	0.14377957
207	15	0	0	1.119726	0	0	0	0.12830439	11.76	0.143665718	0	0.14366572
207	16	0.218	0	1.45644	0	0	0	0.13777139	11.76	0.200655732	0	0.20065573
207	17	1.018	0	2.508949	0	0	0	0.15479898	11.76	0.388382742	0	0.38838274
207	18	1.437	0	3.275423	0	0	0	0.18147817	11.76	0.594417688	0	0.59441769
207	19	1.532	0	3.419834	0	0	0	0.20610103	11.76	0.704831376	0	0.70483138
207	20	1.179	0	3.151975	0	0	0	0.20859186	11.76	0.657476359	0	0.65747636
207	21	0.806	0	2.733968	0	0	0	0.21218273	11.76	0.580100907	0	0.58010091
207	22	0	0	1.684728	0	0	0	0.22521775	11.76	0.379430737	0	0.37943074
207	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
207	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
208	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
208	2	0	0	0.470904	0	0	0	0.26299359	11.76	0.123844795	0	0.12384479
208	3	0	0	0.512429	0	0	0	0.26215377	11.76	0.134335099	0	0.1343351
208	4	0	0	0.598651	0	0	0	0.25911293	11.76	0.155118245	0	0.15511824
208	5	0	0	0.764659	0	0	0	0.2425361	11.76	0.185457439	0	0.18545744
208	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
208	7	0	0	1.543604	0	0	0	0.17797676	11.76	0.274725617	0	0.27472562
208	8	0	0	1.336342	0	0	0	0.16209511	11.76	0.216614554	0	0.21661455
208	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
208	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
208	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
208	12	0	0	1.177866	0	0	0	0.13522845	11.76	0.159281058	0	0.15928106
208	13	0	0	1.09218	0	0	0	0.12840082	11.76	0.14023679	0	0.14023679
208	14	0.742	0	1.773062	0	0	0	0.13299842	11.76	0.235814463	0	0.23581446
208	15	1.364	0	2.481726	0	0	0	0.12830439	11.76	0.31841629	0	0.31841629
208	16	1.808	0	3.04344	0	0	0	0.13777139	11.76	0.419298952	0	0.41929895
208	17	2.008	0	3.498949	0	0	0	0.15479898	11.76	0.54163373	0	0.54163373
208	18	2.037	0	3.875422	0	0	0	0.18147817	11.76	0.703304572	0	0.70330457
208	19	1.602	0	3.489834	0	0	0	0.20610103	11.76	0.719258434	0	0.71925843
208	20	1.094	0	3.066975	0	0	0	0.20859186	11.76	0.639746043	0	0.63974604
208	21	0	0	1.927969	0	0	0	0.21218273	11.76	0.409081651	0	0.40908165
208	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
208	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
208	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
209	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556

209	2	0	0	0.470904	0	0	0	0.26299359	11.76	0.123844795	0	0.12384479
209	3	0	0	0.512429	0	0	0	0.26215377	11.76	0.134335099	0	0.1343351
209	4	0	0	0.597651	0	0	0	0.25911293	11.76	0.154859135	0	0.15485914
209	5	0	0	0.764659	0	0	0	0.2425361	11.76	0.185457439	0	0.18545744
209	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
209	7	0	0	1.589604	0	0	0	0.17797676	11.76	0.282912549	0	0.28291255
209	8	0	0	1.336342	0	0	0	0.16209511	11.76	0.216614554	0	0.21661455
209	9	0	0	1.317514	0	0	0	0.15202453	11.76	0.200294401	0	0.2002944
209	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
209	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
209	12	0	0	1.178867	0	0	0	0.13522845	11.76	0.159416292	0	0.15941629
209	13	0	0	1.09318	0	0	0	0.12840082	11.76	0.140365197	0	0.1403652
209	14	0	0	1.031062	0	0	0	0.13299842	11.76	0.137129636	0	0.13712964
209	15	0	0	1.122726	0	0	0	0.12830439	11.76	0.144050634	0	0.14405063
209	16	0	0	1.24044	0	0	0	0.13777139	11.76	0.170897116	0	0.17089712
209	17	0	0	1.495949	0	0	0	0.15479898	11.76	0.231571378	0	0.23157138
209	18	0	0	1.842422	0	0	0	0.18147817	11.76	0.334359458	0	0.33435946
209	19	0	0	1.892834	0	0	0	0.20610103	11.76	0.390115069	0	0.39011507
209	20	0	0	1.978975	0	0	0	0.20859186	11.76	0.412798087	0	0.41279809
209	21	0	0	1.932969	0	0	0	0.21218273	11.76	0.410142564	0	0.41014256
209	22	0	0	1.689728	0	0	0	0.22521775	11.76	0.380556824	0	0.38055682
209	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
209	24	0	0	0.893885	0	0	0	0.24096007	11.76	0.215390508	0	0.21539051
210	1	0	0	0.620116	0	0	0	0.25632798	11.76	0.158952991	0	0.15895299
210	2	0	0	0.517904	0	0	0	0.26299359	11.76	0.136205491	0	0.13620549
210	3	0	0	0.513429	0	0	0	0.26215377	11.76	0.13459725	0	0.13459725
210	4	0	0.097	0.649651	0	0	0	0.25911293	11.76	0.168333004	0	0.168333
210	5	0	0.104	0.823659	0	0	0	0.2425361	11.76	0.199767073	0	0.19976707
210	6	0	0.106	1.183058	0	0	0	0.19817449	11.76	0.234451831	0	0.23445183
210	7	0	0	1.590604	0	0	0	0.17797676	11.76	0.283090534	0	0.28309053
210	8	0	0	1.383342	0	0	0	0.16209511	11.76	0.224233032	0	0.22423303
210	9	0	0	1.364514	0	0	0	0.15202453	11.76	0.207439543	0	0.20743954
210	10	0	0	1.289332	0	0	0	0.14737991	11.76	0.19002164	0	0.19002164
210	11	0	0	1.168327	0	0	0	0.13542202	11.76	0.158217247	0	0.15821725
210	12	0	0	1.132867	0	0	0	0.13522845	11.76	0.153195783	0	0.15319578
210	13	0	0	1.09518	0	0	0	0.12840082	11.76	0.140621995	0	0.14062199
210	14	0	0	1.079062	0	0	0	0.13299842	11.76	0.143513558	0	0.14351356
210	15	0	0	1.118726	0	0	0	0.12830439	11.76	0.143537423	0	0.14353742
210	16	0	0	1.23744	0	0	0	0.13777139	11.76	0.170483799	0	0.1704838
210	17	0	0	1.491949	0	0	0	0.15479898	11.76	0.23095219	0	0.23095219
210	18	0	0	1.839422	0	0	0	0.18147817	11.76	0.333815019	0	0.33381502
210	19	0	0	1.889834	0	0	0	0.20610103	11.76	0.389496786	0	0.38949679
210	20	0	0	1.975975	0	0	0	0.20859186	11.76	0.412172307	0	0.41217231
210	21	0	0	1.977969	0	0	0	0.21218273	11.76	0.419690778	0	0.41969078
210	22	0	0	1.685728	0	0	0	0.22521775	11.76	0.379655965	0	0.37965597
210	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
210	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
211	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
211	2	0	0	0.470904	0	0	0	0.26299359	11.76	0.123844795	0	0.12384479
211	3	0	0	0.512429	0	0	0	0.26215377	11.76	0.134335099	0	0.1343351
211	4	0	0	0.597651	0	0	0	0.25911293	11.76	0.154859135	0	0.15485914
211	5	0	0	0.764659	0	0	0	0.2425361	11.76	0.185457439	0	0.18545744
211	6	0	0	1.123057	0	0	0	0.19817449	11.76	0.22256135	0	0.22256135
211	7	0	0	1.543604	0	0	0	0.17797676	11.76	0.274725617	0	0.27472562
211	8	0	0	1.336342	0	0	0	0.16209511	11.76	0.216614554	0	0.21661455
211	9	0	0	1.363514	0	0	0	0.15202453	11.76	0.207287512	0	0.20728751
211	10	0	0	1.287332	0	0	0	0.14737991	11.76	0.189726884	0	0.18972688
211	11	0	0	1.211327	0	0	0	0.13542202	11.76	0.164040408	0	0.16404041
211	12	0.78	0	1.907866	0	0	0	0.13522845	11.76	0.25799783	0	0.25799783
211	13	1.174	0	2.26518	0	0	0	0.12840082	11.76	0.290850944	0	0.29085094
211	14	1.529	0	2.558062	0	0	0	0.13299842	11.76	0.340218221	0	0.34021822
211	15	1.866	0	2.983726	0	0	0	0.12830439	11.76	0.382825073	0	0.38282507
211	16	2.12	0	3.35544	0	0	0	0.13777139	11.76	0.462283599	0	0.4622836
211	17	2.164	0	3.654949	0	0	0	0.15479898	11.76	0.565782391	0	0.56578239
211	18	2.179	0	4.017423	0	0	0	0.18147817	11.76	0.729074508	0	0.72907451
211	19	1.95	0	3.837834	0	0	0	0.20610103	11.76	0.790981552	0	0.79098155
211	20	0	0	1.972975	0	0	0	0.20859186	11.76	0.411546527	0	0.41154653
211	21	0	0	1.930969	0	0	0	0.21218273	11.76	0.409718204	0	0.4097182
211	22	0	0	1.686728	0	0	0	0.22521775	11.76	0.379881193	0	0.37988119
211	23	0	0	1.276	0	0	0	0.22777655	11.76	0.290642884	0	0.29064288
211	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
212	1	0	0	0.573116	0	0	0	0.25632798	11.76	0.146905563	0	0.14690556
212	2	0	0	0.470904	0	0	0	0.26299359	11.76	0.123844795	0	0.12384479
212	3	0	0	0.466429	0	0	0	0.26215377	11.76	0.122276025	0	0.12227602
212	4	0	0	0.551651	0	0	0	0.25911293	11.76	0.142939939	0	0.14293994
212	5	0	0	0.718659	0	0	0	0.2425361	11.76	0.174300792	0	0.17430079
212	6	0	0	1.076058	0	0	0	0.19817449	11.76	0.213247162	0	0.21324716
212	7	0	0	1.543604	0	0	0	0.17797676	11.76	0.274725617	0	0.27472562
212	8	0	0	1.382342	0	0	0	0.16209511	11.76	0.22407093	0	0.22407093
212	9	0	0	1.315514	0	0	0	0.15202453	11.76	0.199990338	0	0.19999034
212	10	0	0	1.333332	0	0	0	0.14737991	11.76	0.19650636	0	0.19650636
212	11	0.726	0	1.889327	0	0	0	0.13542202	11.76	0.255856533	0	0.25585653
212	12	1.21	0	2.337867	0	0	0	0.13522845	11.76	0.316146073	0	0.31614607
212	13	1.557	0	2.64818	0	0	0	0.12840082	11.76	0.340028443	0	0.34002844
212	14	1.888	0	2.917062	0	0	0	0.13299842	11.76	0.387964682	0	0.38796468
212	15	2.181	0	3.298726	0	0	0	0.12830439	11.76	0.423240961	0	0.42324096
212	16	2.253	0	3.48844	0	0	0	0.13777139	11.76	0.480607213	0	0.48060721
212	17	2.234	0	3.724949	0	0	0	0.15479898	11.76	0.576618309	0	0.57661831
212	18	2.191	0	4.029422	0	0	0	0.18147817	11.76	0.731252175	0	0.73125217
212	19	2.098	0	3.985834	0	0	0	0.20610103	11.76	0.821484554	0	0.82148455
212	20	1.511	0	3.483975	0	0	0	0.20859186	11.76	0.72672881	0	0.72672881
212	21	1.009	0	2.936969	0	0	0	0.21218273	11.76	0.623174017	0	0.62317402
212	22	0	0	1.684728	0	0	0	0.22521775	11.76	0.379430737	0	0.37943074
212	23	0	0	1.277	0	0	0	0.22777655	11.76	0.290870671	0	0.29087067
212	24	0	0	0.847885	0	0	0	0.24096007	11.76	0.204306344	0	0.20430634
213	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
213	2	0	0	0.470904	0	0	0	0.31189608	11.76	0.146873183	0	0.14687318
213	3	0	0	0.466429	0	0	0	0.31695362	11.76	0.147836243	0	0.14783624
213	4	0	0	0.597651	0	0	0	0.31209429	11.76	0.186523501	0	0.1865235
213	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
213	6	0	0	1.119058	0	0	0	0.26367694	11.76	0.29506967	0	0.29506967
213	7	0	0	1.579604	0	0	0	0.21115989	11.76	0.33354899	0	0.33354899
213	8	0	0	1.374342	0	0	0	0.19925273	11.76	0.273841458	0	0.27384146
213	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
213	10	0	0	1.281332	0	0	0	0.18558414	11.76	0.237794897	0	0.2377949
213	11	0	0	1.160327	0	0	0	0.18377389	11.76	0.213237888	0	0.21323789
213	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
213	13	0	0	1.09018	0	0	0	0.17883233	11.76	0.194959416	0	0.19495942
213	14	0	0	1.030062	0	0	0	0.16999973	11.76	0.175110293	0	0.17511029
213	15	0	0	1.117726	0	0	0	0.16464067	11.76	0.184023113	0	0.18402311
213	16	0	0	1.28144	0	0	0	0.17979103	11.76	0.230391382	0	0.23039138

213	17	0	0	1.487949	0	0	0	0.19884402	11.76	0.295869791	0	0.29586979
213	18	0	0	1.881422	0	0	0	0.22913413	11.76	0.431098088	0	0.43109809
213	19	0	0	1.881834	0	0	0	0.24577298	11.76	0.46250402	0	0.46250402
213	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
213	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
213	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
213	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
213	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
214	1	0	0	0.619116	0	0	0	0.30088244	11.76	0.186281009	0	0.18628101
214	2	0	0	0.517904	0	0	0	0.31189608	11.76	0.161532296	0	0.1615323
214	3	0	0	0.513429	0	0	0	0.31695362	11.76	0.16273306	0	0.16273306
214	4	0	0.142	0.694651	0	0	0	0.31209429	11.76	0.216796647	0	0.21679665
214	5	0	0.161	0.878659	0	0	0	0.30970703	11.76	0.272126908	0	0.27212691
214	6	0	0	1.119058	0	0	0	0.26367694	11.76	0.29506967	0	0.29506967
214	7	0	0	1.580604	0	0	0	0.21115989	11.76	0.33376016	0	0.33376016
214	8	0	0	1.375342	0	0	0	0.19925273	11.76	0.27404072	0	0.27404072
214	9	0	0	1.356514	0	0	0	0.19128615	11.76	0.259482261	0	0.25948226
214	10	0	0	1.328332	0	0	0	0.18558414	11.76	0.246517361	0	0.24651736
214	11	0	0	1.161327	0	0	0	0.18377389	11.76	0.213421648	0	0.21342165
214	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
214	13	0	0	1.09018	0	0	0	0.17883233	11.76	0.194959416	0	0.19495942
214	14	0	0	1.030062	0	0	0	0.16999973	11.76	0.175110293	0	0.17511029
214	15	0	0	1.117726	0	0	0	0.16464067	11.76	0.184023113	0	0.18402311
214	16	0	0	1.23544	0	0	0	0.17979103	11.76	0.222120994	0	0.22212099
214	17	0	0	1.489949	0	0	0	0.19884402	11.76	0.296267474	0	0.29626747
214	18	0	0	1.836422	0	0	0	0.22913413	11.76	0.420787061	0	0.42078706
214	19	0	0	1.883834	0	0	0	0.24577298	11.76	0.462995559	0	0.46299556
214	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
214	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
214	22	0	0	1.729728	0	0	0	0.2617502	11.76	0.452756777	0	0.45275678
214	23	0	0	1.318	0	0	0	0.26711474	11.76	0.352057212	0	0.35205721
214	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
215	1	0	0.084	0.657116	0	0	0	0.30088244	11.76	0.197714556	0	0.19771456
215	2	0	0.239	0.710904	0	0	0	0.31189608	11.76	0.221728245	0	0.22172824
215	3	0	0.299	0.766429	0	0	0	0.31695362	11.76	0.242922332	0	0.24292233
215	4	0	0.346	0.898651	0	0	0	0.31209429	11.76	0.28046388	0	0.28046388
215	5	0	0.346	1.063659	0	0	0	0.30970703	11.76	0.32942269	0	0.32942269
215	6	0	0.287	1.360058	0	0	0	0.26367694	11.76	0.358615828	0	0.35861583
215	7	0	0.262	1.796604	0	0	0	0.21115989	11.76	0.379370689	0	0.37937069
215	8	0	0	1.375342	0	0	0	0.19925273	11.76	0.27404072	0	0.27404072
215	9	0	0	1.356514	0	0	0	0.19128615	11.76	0.259482261	0	0.25948226
215	10	0	0	1.282332	0	0	0	0.18558414	11.76	0.23798049	0	0.23798049
215	11	0	0	1.160327	0	0	0	0.18377389	11.76	0.213237888	0	0.21323789
215	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
215	13	0	0	1.09018	0	0	0	0.17883233	11.76	0.194959416	0	0.19495942
215	14	0	0	1.030062	0	0	0	0.16999973	11.76	0.175110293	0	0.17511029
215	15	0	0	1.117726	0	0	0	0.16464067	11.76	0.184023113	0	0.18402311
215	16	0	0	1.23544	0	0	0	0.17979103	11.76	0.222120994	0	0.22212099
215	17	0	0	1.489949	0	0	0	0.19884402	11.76	0.296267474	0	0.29626747
215	18	0	0	1.836422	0	0	0	0.22913413	11.76	0.420787061	0	0.42078706
215	19	0	0	1.883834	0	0	0	0.24577298	11.76	0.462995559	0	0.46299556
215	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
215	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
215	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
215	23	0	0	1.318	0	0	0	0.26711474	11.76	0.352057212	0	0.35205721
215	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
216	1	0	0	0.619116	0	0	0	0.30088244	11.76	0.186281009	0	0.18628101
216	2	0	0	0.517904	0	0	0	0.31189608	11.76	0.161532296	0	0.1615323
216	3	0	0.126	0.593429	0	0	0	0.31695362	11.76	0.188089363	0	0.18808936
216	4	0	0.19	0.742651	0	0	0	0.31209429	11.76	0.231777166	0	0.23177717
216	5	0	0.182	0.899659	0	0	0	0.30970703	11.76	0.278630764	0	0.27863076
216	6	0	0.109	1.182058	0	0	0	0.26367694	11.76	0.31168134	0	0.31168134
216	7	0	0	1.580604	0	0	0	0.21115989	11.76	0.33376016	0	0.33376016
216	8	0	0	1.375342	0	0	0	0.19925273	11.76	0.27404072	0	0.27404072
216	9	0	0	1.355514	0	0	0	0.19128615	11.76	0.259290966	0	0.25929097
216	10	0	0	1.281332	0	0	0	0.18558414	11.76	0.237794897	0	0.2377949
216	11	0	0	1.160327	0	0	0	0.18377389	11.76	0.213237888	0	0.21323789
216	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
216	13	0	0	1.09018	0	0	0	0.17883233	11.76	0.194959416	0	0.19495942
216	14	0	0	1.030062	0	0	0	0.16999973	11.76	0.175110293	0	0.17511029
216	15	0	0	1.117726	0	0	0	0.16464067	11.76	0.184023113	0	0.18402311
216	16	0	0	1.23544	0	0	0	0.17979103	11.76	0.222120994	0	0.22212099
216	17	0	0	1.489949	0	0	0	0.19884402	11.76	0.296267474	0	0.29626747
216	18	0	0	1.836422	0	0	0	0.22913413	11.76	0.420787061	0	0.42078706
216	19	0	0	1.883834	0	0	0	0.24577298	11.76	0.462995559	0	0.46299556
216	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
216	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
216	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
216	23	0	0	1.318	0	0	0	0.26711474	11.76	0.352057212	0	0.35205721
216	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
217	1	0	0	0.619116	0	0	0	0.30088244	11.76	0.186281009	0	0.18628101
217	2	0	0.203	0.674904	0	0	0	0.31189608	11.76	0.210499982	0	0.21049998
217	3	0	0.266	0.733429	0	0	0	0.31695362	11.76	0.232462865	0	0.23246286
217	4	0	0.302	0.854651	0	0	0	0.31209429	11.76	0.266731723	0	0.26673172
217	5	0	0.272	0.989659	0	0	0	0.30970703	11.76	0.306504388	0	0.30650439
217	6	0	0.212	1.285058	0	0	0	0.26367694	11.76	0.338840045	0	0.33884005
217	7	0	0	1.580604	0	0	0	0.21115989	11.76	0.33376016	0	0.33376016
217	8	0	0	1.375342	0	0	0	0.19925273	11.76	0.27404072	0	0.27404072
217	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
217	10	0	0	1.281332	0	0	0	0.18558414	11.76	0.237794897	0	0.2377949
217	11	0	0	1.160327	0	0	0	0.18377389	11.76	0.213237888	0	0.21323789
217	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
217	13	0	0	1.09018	0	0	0	0.17883233	11.76	0.194959416	0	0.19495942
217	14	0	0	1.028062	0	0	0	0.16999973	11.76	0.174770278	0	0.17477028
217	15	0	0	1.116726	0	0	0	0.16464067	11.76	0.183858465	0	0.18385846
217	16	0	0	1.23244	0	0	0	0.17979103	11.76	0.221581617	0	0.22158162
217	17	0	0	1.486949	0	0	0	0.19884402	11.76	0.295670938	0	0.29567094
217	18	0	0	1.833422	0	0	0	0.22913413	11.76	0.420099654	0	0.42009965
217	19	0	0	1.882834	0	0	0	0.24577298	11.76	0.462749775	0	0.46274978
217	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
217	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
217	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
217	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
217	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
218	1	0	0	0.619116	0	0	0	0.30088244	11.76	0.186281009	0	0.18628101
218	2	0	0	0.517904	0	0	0	0.31189608	11.76	0.161532296	0	0.1615323
218	3	0	0.175	0.642429	0	0	0	0.31695362	11.76	0.203620079	0	0.20362008
218	4	0	0.287	0.839651	0	0	0	0.31209429	11.76	0.262050313	0	0.26205031
218	5	0	0.342	1.059659	0	0	0	0.30970703	11.76	0.328183878	0	0.32818388
218	6	0	0.104	1.177058	0	0	0	0.26367694	11.76	0.310362925	0	0.31036292
218	7	0	0	1.580604	0	0	0	0.21115989	11.76	0.33376016	0	0.33376016

218	8	0	0	1.329342	0	0	0	0.19925273	11.76	0.264875094	0	0.26487509
218	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
218	10	0	0	1.281332	0	0	0	0.18558414	11.76	0.237794897	0	0.2377949
218	11	0	0	1.160327	0	0	0	0.18377389	11.76	0.213237888	0	0.21323789
218	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
218	13	0	0	1.13618	0	0	0	0.17883233	11.76	0.203185704	0	0.2031857
218	14	0	0	1.026062	0	0	0	0.16999973	11.76	0.174430282	0	0.17443028
218	15	0.59	0	1.704726	0	0	0	0.16464067	11.76	0.280667188	0	0.28066719
218	16	0	0	1.23044	0	0	0	0.17979103	11.76	0.221222039	0	0.22122204
218	17	0	0	1.484949	0	0	0	0.19884402	11.76	0.295273255	0	0.29527325
218	18	0	0	1.831422	0	0	0	0.22913413	11.76	0.419641392	0	0.41964139
218	19	0	0	1.878834	0	0	0	0.24577298	11.76	0.461766696	0	0.4617667
218	20	0	0	1.967975	0	0	0	0.23874719	11.76	0.469848529	0	0.46984853
218	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
218	22	0	0	1.681728	0	0	0	0.2617502	11.76	0.440192742	0	0.44019274
218	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
218	24	0	0	0.845885	0	0	0	0.28001464	11.76	0.236860097	0	0.2368601
219	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
219	2	0	0	0.516904	0	0	0	0.31189608	11.76	0.161220404	0	0.1612204
219	3	0	0	0.512429	0	0	0	0.31695362	11.76	0.162416111	0	0.16241611
219	4	0	0	0.598651	0	0	0	0.31209429	11.76	0.186835591	0	0.18683559
219	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
219	6	0	0	1.119058	0	0	0	0.26367694	11.76	0.29506967	0	0.29506967
219	7	0	0	1.579604	0	0	0	0.21115989	11.76	0.33354899	0	0.33354899
219	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
219	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
219	10	0	0	1.326332	0	0	0	0.18558414	11.76	0.246146175	0	0.24614617
219	11	0	0	1.157327	0	0	0	0.18377389	11.76	0.212686562	0	0.21268656
219	12	0.497	0	1.619866	0	0	0	0.17450036	11.76	0.282667289	0	0.28266729
219	13	1.107	0	2.19218	0	0	0	0.17883233	11.76	0.392032644	0	0.39203264
219	14	1.613	0	2.637062	0	0	0	0.16999973	11.76	0.448299833	0	0.44829983
219	15	1.926	0	3.038726	0	0	0	0.16464067	11.76	0.50029786	0	0.50029786
219	16	2.182	0	3.41244	0	0	0	0.17979103	11.76	0.613526081	0	0.61352608
219	17	2.221	0	3.704949	0	0	0	0.19884402	11.76	0.736706943	0	0.73670694
219	18	2.157	0	3.987422	0	0	0	0.22913413	11.76	0.913654583	0	0.91365458
219	19	1.788	0	3.666834	0	0	0	0.24577298	11.76	0.901208814	0	0.90120881
219	20	0	0	1.964975	0	0	0	0.23874719	11.76	0.469132282	0	0.46913228
219	21	0	0	1.922969	0	0	0	0.24238277	11.76	0.466094459	0	0.46609446
219	22	0	0	1.679728	0	0	0	0.2617502	11.76	0.439669248	0	0.43966925
219	23	0	0	1.271	0	0	0	0.26711474	11.76	0.339502838	0	0.33950284
219	24	0	0	0.843885	0	0	0	0.28001464	11.76	0.236300075	0	0.23630007
220	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
220	2	0	0	0.470904	0	0	0	0.31189608	11.76	0.146873183	0	0.14687318
220	3	0	0	0.466429	0	0	0	0.31695362	11.76	0.147836243	0	0.14783624
220	4	0	0	0.597651	0	0	0	0.31209429	11.76	0.186523501	0	0.1865235
220	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
220	6	0	0	1.072057	0	0	0	0.26367694	11.76	0.282676841	0	0.28267684
220	7	0	0	1.532604	0	0	0	0.21115989	11.76	0.32362449	0	0.32362449
220	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
220	9	0	0	1.355514	0	0	0	0.19128615	11.76	0.259290966	0	0.25929097
220	10	0	0	1.324332	0	0	0	0.18558414	11.76	0.245775011	0	0.24577501
220	11	0.715	0	1.871327	0	0	0	0.18377389	11.76	0.343901118	0	0.34390112
220	12	1.321	0	2.442867	0	0	0	0.17450036	11.76	0.426281099	0	0.4262811
220	13	1.749	0	2.83418	0	0	0	0.17883233	11.76	0.506842993	0	0.50684299
220	14	2.127	0	3.151062	0	0	0	0.16999973	11.76	0.535679683	0	0.53567968
220	15	2.299	0	3.411726	0	0	0	0.16464067	11.76	0.561708815	0	0.56170881
220	16	2.279	0	3.50944	0	0	0	0.17979103	11.76	0.630965833	0	0.63096583
220	17	2.272	0	3.755949	0	0	0	0.19884402	11.76	0.746848012	0	0.74684801
220	18	2.22	0	4.050423	0	0	0	0.22913413	11.76	0.92809008	0	0.92809008
220	19	2.165	0	4.043834	0	0	0	0.24577298	11.76	0.993865192	0	0.99386519
220	20	0	0	1.964975	0	0	0	0.23874719	11.76	0.469132282	0	0.46913228
220	21	0.844	0	2.766968	0	0	0	0.24238277	11.76	0.670665482	0	0.67066548
220	22	0	0	1.677728	0	0	0	0.2617502	11.76	0.439145755	0	0.43914575
220	23	0	0	1.269	0	0	0	0.26711474	11.76	0.338968616	0	0.33896862
220	24	0	0	0.844885	0	0	0	0.28001464	11.76	0.236580086	0	0.23658009
221	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
221	2	0	0	0.470904	0	0	0	0.31189608	11.76	0.146873183	0	0.14687318
221	3	0	0	0.466429	0	0	0	0.31695362	11.76	0.147836243	0	0.14783624
221	4	0	0	0.551651	0	0	0	0.31209429	11.76	0.172167162	0	0.17216716
221	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
221	6	0	0	1.072057	0	0	0	0.26367694	11.76	0.282676841	0	0.28267684
221	7	0	0	1.532604	0	0	0	0.21115989	11.76	0.32362449	0	0.32362449
221	8	0	0	1.374342	0	0	0	0.19925273	11.76	0.273841458	0	0.27384146
221	9	0	0	1.353514	0	0	0	0.19128615	11.76	0.258908399	0	0.2589084
221	10	0	0	1.324332	0	0	0	0.18558414	11.76	0.245775011	0	0.24577501
221	11	0.523	0	1.679327	0	0	0	0.18377389	11.76	0.308616525	0	0.30861652
221	12	1.09	0	2.211866	0	0	0	0.17450036	11.76	0.385971483	0	0.38597148
221	13	1.511	0	2.59618	0	0	0	0.17883233	11.76	0.464280914	0	0.46428091
221	14	1.877	0	2.901062	0	0	0	0.16999973	11.76	0.493179792	0	0.49317979
221	15	2.108	0	3.220726	0	0	0	0.16464067	11.76	0.530262449	0	0.53026245
221	16	2.24	0	3.47044	0	0	0	0.17979103	11.76	0.623953976	0	0.62395398
221	17	2.213	0	3.696949	0	0	0	0.19884402	11.76	0.735116212	0	0.73511621
221	18	2.151	0	3.981422	0	0	0	0.22913413	11.76	0.912279769	0	0.91227977
221	19	1.789	0	3.667834	0	0	0	0.24577298	11.76	0.901454569	0	0.90145457
221	20	1.271	0	3.235975	0	0	0	0.23874719	11.76	0.772579936	0	0.77257994
221	21	0.972	0	2.892969	0	0	0	0.24238277	11.76	0.701205751	0	0.70120575
221	22	0.664	0	2.341728	0	0	0	0.2617502	11.76	0.612947899	0	0.6129479
221	23	0.322	0	1.589	0	0	0	0.26711474	11.76	0.424445314	0	0.42444531
221	24	0.14	0	0.980885	0	0	0	0.28001464	11.76	0.274662071	0	0.27466207
222	1	0	0	0.613116	0	0	0	0.30088244	11.76	0.18447572	0	0.18447572
222	2	0	0	0.511904	0	0	0	0.31189608	11.76	0.159660925	0	0.15966092
222	3	0	0	0.508429	0	0	0	0.31695362	11.76	0.161148294	0	0.16114829
222	4	0	0	0.593651	0	0	0	0.31209429	11.76	0.185275121	0	0.18527512
222	5	0	0	0.758659	0	0	0	0.30970703	11.76	0.234962063	0	0.23496206
222	6	0	0	1.069058	0	0	0	0.26367694	11.76	0.281885836	0	0.28188584
222	7	0	0	1.532604	0	0	0	0.21115989	11.76	0.32362449	0	0.32362449
222	8	0	0	1.327342	0	0	0	0.19925273	11.76	0.264476594	0	0.26447659
222	9	0	0	1.306514	0	0	0	0.19128615	11.76	0.24991794	0	0.24991794
222	10	0	0	1.277332	0	0	0	0.18558414	11.76	0.23705257	0	0.23705257
222	11	1.189	0	2.345327	0	0	0	0.18377389	11.76	0.431009938	0	0.43100994
222	12	1.604	0	2.725867	0	0	0	0.17450036	11.76	0.4756647	0	0.4756647
222	13	1.879	0	2.96418	0	0	0	0.17883233	11.76	0.530091217	0	0.53009122
222	14	2.238	0	3.262062	0	0	0	0.16999973	11.76	0.554549663	0	0.55454966
222	15	2.286	0	3.398726	0	0	0	0.16464067	11.76	0.559568484	0	0.55956848
222	16	2.3	0	3.53044	0	0	0	0.17979103	11.76	0.634741428	0	0.63474143
222	17	2.307	0	3.790949	0	0	0	0.19884402	11.76	0.753807522	0	0.75380752
222	18	2.283	0	4.113422	0	0	0	0.22913413	11.76	0.942525467	0	0.94252547
222	19	2.268	0	4.145834	0	0	0	0.24577298	11.76	1.018933978	0	1.01893398
222	20	2.029	0	3.993975	0	0	0	0.23874719	11.76	0.953550336	0	0.95355034
222	21	1.343	0	3.263969	0	0	0	0.24238277	11.76	0.79112977	0	0.79112977
222	22	0	0	1.677728	0	0	0	0.2617502	11.76	0.439145755	0	0.43914575

222	23	0	0	1.268	0	0	0	0.26711474	11.76	0.338701488	0	0.33870149
222	24	0	0	0.845885	0	0	0	0.28001464	11.76	0.236860097	0	0.2368601
223	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
223	2	0	0	0.470904	0	0	0	0.31189608	11.76	0.146873183	0	0.14687318
223	3	0	0	0.466429	0	0	0	0.31695362	11.76	0.147836243	0	0.14783624
223	4	0	0	0.597651	0	0	0	0.31209429	11.76	0.186523501	0	0.1865235
223	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
223	6	0	0	1.119058	0	0	0	0.26367694	11.76	0.29506967	0	0.29506967
223	7	0	0	1.579604	0	0	0	0.21115989	11.76	0.33354899	0	0.33354899
223	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
223	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
223	10	0	0	1.281332	0	0	0	0.18558414	11.76	0.237794897	0	0.2377949
223	11	0	0	1.160327	0	0	0	0.18377389	11.76	0.213237888	0	0.21323789
223	12	0	0	1.172866	0	0	0	0.17450036	11.76	0.204665622	0	0.20466562
223	13	0	0	1.08718	0	0	0	0.17883233	11.76	0.194422915	0	0.19442292
223	14	0	0	1.076062	0	0	0	0.16999973	11.76	0.182930281	0	0.18293028
223	15	0	0	1.113726	0	0	0	0.16464067	11.76	0.183364539	0	0.18336454
223	16	0.247	0	1.48144	0	0	0	0.17979103	11.76	0.266349597	0	0.2663496
223	17	0	0	1.484949	0	0	0	0.19884402	11.76	0.295273255	0	0.29527325
223	18	0	0	1.833422	0	0	0	0.22913413	11.76	0.420099654	0	0.42009965
223	19	0	0	1.881834	0	0	0	0.24577298	11.76	0.46250402	0	0.46250402
223	20	0	0	1.968975	0	0	0	0.23874719	11.76	0.470087259	0	0.47008726
223	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
223	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
223	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
223	24	0	0	0.845885	0	0	0	0.28001464	11.76	0.236860097	0	0.2368601
224	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
224	2	0	0	0.516904	0	0	0	0.31189608	11.76	0.161220404	0	0.1612204
224	3	0	0	0.513429	0	0	0	0.31695362	11.76	0.16273306	0	0.16273306
224	4	0	0	0.598651	0	0	0	0.31209429	11.76	0.186835591	0	0.18683559
224	5	0	0	0.763659	0	0	0	0.30970703	11.76	0.236510596	0	0.2365106
224	6	0	0	1.119058	0	0	0	0.26367694	11.76	0.29506967	0	0.29506967
224	7	0	0	1.533604	0	0	0	0.21115989	11.76	0.323835635	0	0.32383563
224	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
224	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
224	10	0	0	1.327332	0	0	0	0.18558414	11.76	0.246331768	0	0.24633177
224	11	0	0	1.203327	0	0	0	0.18377389	11.76	0.221140162	0	0.22114016
224	12	0	0	1.121866	0	0	0	0.17450036	11.76	0.195766104	0	0.1957661
224	13	0.722	0	1.80918	0	0	0	0.17883233	11.76	0.323539859	0	0.32353986
224	14	1.267	0	2.291062	0	0	0	0.16999973	11.76	0.389479935	0	0.38947994
224	15	1.655	0	2.767726	0	0	0	0.16464067	11.76	0.455680215	0	0.45568021
224	16	1.845	0	3.07544	0	0	0	0.17979103	11.76	0.552936522	0	0.55293652
224	17	1.921	0	3.404949	0	0	0	0.19884402	11.76	0.677053793	0	0.67705379
224	18	0	0	1.830422	0	0	0	0.22913413	11.76	0.419412247	0	0.41941225
224	19	0	0	1.879834	0	0	0	0.24577298	11.76	0.46201248	0	0.46201248
224	20	0	0	1.967975	0	0	0	0.23874719	11.76	0.469848529	0	0.46984853
224	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
224	22	0	0	1.681728	0	0	0	0.2617502	11.76	0.440192742	0	0.44019274
224	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
224	24	0	0	0.845885	0	0	0	0.28001464	11.76	0.236860097	0	0.2368601
225	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
225	2	0	0	0.470904	0	0	0	0.31189608	11.76	0.146873183	0	0.14687318
225	3	0	0	0.466429	0	0	0	0.31695362	11.76	0.147836243	0	0.14783624
225	4	0	0	0.597651	0	0	0	0.31209429	11.76	0.186523501	0	0.1865235
225	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
225	6	0	0	1.072057	0	0	0	0.26367694	11.76	0.282676841	0	0.28267684
225	7	0	0	1.532604	0	0	0	0.21115989	11.76	0.32362449	0	0.32362449
225	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
225	9	0	0	1.355514	0	0	0	0.19128615	11.76	0.259290966	0	0.25929097
225	10	0	0	1.278332	0	0	0	0.18558414	11.76	0.23723814	0	0.23723814
225	11	0.304	0	1.461327	0	0	0	0.18377389	11.76	0.268553829	0	0.26855383
225	12	1.001	0	2.122866	0	0	0	0.17450036	11.76	0.370440953	0	0.37044095
225	13	1.444	0	2.52918	0	0	0	0.17883233	11.76	0.452299163	0	0.45229916
225	14	1.785	0	2.809062	0	0	0	0.16999973	11.76	0.477539815	0	0.47753982
225	15	2.107	0	3.219726	0	0	0	0.16464067	11.76	0.530097781	0	0.53009778
225	16	2.234	0	3.46444	0	0	0	0.17979103	11.76	0.622875223	0	0.62287522
225	17	2.216	0	3.699949	0	0	0	0.19884402	11.76	0.7357127	0	0.7357127
225	18	1.999	0	3.829422	0	0	0	0.22913413	11.76	0.877451392	0	0.87745139
225	19	1.595	0	3.473834	0	0	0	0.24577298	11.76	0.853774551	0	0.85377455
225	20	1.157	0	3.121975	0	0	0	0.23874719	11.76	0.745362794	0	0.74536279
225	21	0.872	0	2.792969	0	0	0	0.24238277	11.76	0.676967439	0	0.67696744
225	22	0.599	0	2.276728	0	0	0	0.2617502	11.76	0.595934121	0	0.59593412
225	23	0.354	0	1.621	0	0	0	0.26711474	11.76	0.432993003	0	0.432993
225	24	0.124	0	0.964885	0	0	0	0.28001464	11.76	0.270181844	0	0.27018184
226	1	0	0	0.613116	0	0	0	0.30088244	11.76	0.18447572	0	0.18447572
226	2	0	0	0.511904	0	0	0	0.31189608	11.76	0.159660925	0	0.15966092
226	3	0	0	0.508429	0	0	0	0.31695362	11.76	0.161148294	0	0.16114829
226	4	0	0	0.593651	0	0	0	0.31209429	11.76	0.185275121	0	0.18527512
226	5	0	0	0.758659	0	0	0	0.30970703	11.76	0.234962063	0	0.23496206
226	6	0	0	1.069058	0	0	0	0.26367694	11.76	0.281885836	0	0.28188584
226	7	0	0	1.532604	0	0	0	0.21115989	11.76	0.32362449	0	0.32362449
226	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
226	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
226	10	0	0	1.327332	0	0	0	0.18558414	11.76	0.246331768	0	0.24633177
226	11	0	0	1.157327	0	0	0	0.18377389	11.76	0.212686562	0	0.21268656
226	12	0.57	0	1.693866	0	0	0	0.17450036	11.76	0.295580316	0	0.29558032
226	13	1.156	0	2.24118	0	0	0	0.17883233	11.76	0.400795433	0	0.40079543
226	14	1.639	0	2.663062	0	0	0	0.16999973	11.76	0.45271983	0	0.45271983
226	15	1.96	0	3.072726	0	0	0	0.16464067	11.76	0.50589563	0	0.50589563
226	16	2.227	0	3.45744	0	0	0	0.17979103	11.76	0.621616691	0	0.62161669
226	17	2.194	0	3.677949	0	0	0	0.19884402	11.76	0.731338165	0	0.73133816
226	18	2.138	0	3.968422	0	0	0	0.22913413	11.76	0.909301023	0	0.90930102
226	19	1.846	0	3.724834	0	0	0	0.24577298	11.76	0.91546361	0	0.91546361
226	20	0	0	1.964975	0	0	0	0.23874719	11.76	0.469132282	0	0.46913228
226	21	0	0	1.922969	0	0	0	0.24238277	11.76	0.466094459	0	0.46609446
226	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
226	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
226	24	0	0	0.845885	0	0	0	0.28001464	11.76	0.236860097	0	0.2368601
227	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
227	2	0	0	0.470904	0	0	0	0.31189608	11.76	0.146873183	0	0.14687318
227	3	0	0	0.512429	0	0	0	0.31695362	11.76	0.162416111	0	0.16241611
227	4	0	0	0.597651	0	0	0	0.31209429	11.76	0.186523501	0	0.1865235
227	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
227	6	0	0	1.119058	0	0	0	0.26367694	11.76	0.29506967	0	0.29506967
227	7	0	0	1.579604	0	0	0	0.21115989	11.76	0.33354899	0	0.33354899
227	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
227	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
227	10	0	0	1.281332	0	0	0	0.18558414	11.76	0.237794897	0	0.2377949
227	11	0	0	1.206327	0	0	0	0.18377389	11.76	0.221691487	0	0.22169149
227	12	0	0	1.124866	0	0	0	0.17450036	11.76	0.196289609	0	0.19628961
227	13	0	0	1.13318	0	0	0	0.17883233	11.76	0.202649203	0	0.2026492

227	14	0.603	0	1.628062	0	0	0	0.16999973	11.76	0.276770118	0	0.27677012
227	15	1.157	0	2.269726	0	0	0	0.16464067	11.76	0.373689176	0	0.37368918
227	16	1.54	0	2.77044	0	0	0	0.17979103	11.76	0.498100202	0	0.4981002
227	17	1.784	0	3.268949	0	0	0	0.19884402	11.76	0.650010975	0	0.65001098
227	18	1.811	0	3.641423	0	0	0	0.22913413	11.76	0.834374184	0	0.83437418
227	19	1.603	0	3.481834	0	0	0	0.24577298	11.76	0.855740768	0	0.85574077
227	20	0	0	1.964975	0	0	0	0.23874719	11.76	0.469132282	0	0.46913228
227	21	0	0	1.921969	0	0	0	0.24238277	11.76	0.465852065	0	0.46585206
227	22	0	0	1.680728	0	0	0	0.2617502	11.76	0.439931011	0	0.43993101
227	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
227	24	0	0	0.845885	0	0	0	0.28001464	11.76	0.236860097	0	0.2368601
228	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
228	2	0	0	0.470904	0	0	0	0.31189608	11.76	0.146873183	0	0.14687318
228	3	0	0	0.466429	0	0	0	0.31695362	11.76	0.147836243	0	0.14783624
228	4	0	0	0.597651	0	0	0	0.31209429	11.76	0.186523501	0	0.1865235
228	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
228	6	0	0	1.118057	0	0	0	0.26367694	11.76	0.294805981	0	0.29480598
228	7	0	0	1.579604	0	0	0	0.21115989	11.76	0.33354899	0	0.33354899
228	8	0	0	1.374342	0	0	0	0.19925273	11.76	0.273841458	0	0.27384146
228	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
228	10	0	0	1.281332	0	0	0	0.18558414	11.76	0.237794897	0	0.2377949
228	11	0	0	1.160327	0	0	0	0.18377389	11.76	0.213237888	0	0.21323789
228	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
228	13	0	0	1.09018	0	0	0	0.17883233	11.76	0.194959416	0	0.19495942
228	14	0	0	1.029062	0	0	0	0.16999973	11.76	0.174940285	0	0.17494029
228	15	0	0	1.163726	0	0	0	0.16464067	11.76	0.191596584	0	0.19159658
228	16	0	0	1.23344	0	0	0	0.17979103	11.76	0.221761416	0	0.22176142
228	17	0	0	1.489949	0	0	0	0.19884402	11.76	0.296267474	0	0.29626747
228	18	0	0	1.836422	0	0	0	0.22913413	11.76	0.420787061	0	0.42078706
228	19	0	0	1.883834	0	0	0	0.24577298	11.76	0.462995559	0	0.46299556
228	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
228	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
228	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
228	23	0	0	1.318	0	0	0	0.26711474	11.76	0.352057212	0	0.35205721
228	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
229	1	0	0	0.619116	0	0	0	0.30088244	11.76	0.186281009	0	0.18628101
229	2	0	0	0.517904	0	0	0	0.31189608	11.76	0.161532296	0	0.1615323
229	3	0	0.112	0.579429	0	0	0	0.31695362	11.76	0.183652013	0	0.18365201
229	4	0	0.176	0.728651	0	0	0	0.31209429	11.76	0.227407847	0	0.22740785
229	5	0	0.203	0.920659	0	0	0	0.30970703	11.76	0.285134601	0	0.2851346
229	6	0	0.211	1.284058	0	0	0	0.26367694	11.76	0.338576387	0	0.33857639
229	7	0	0.18	1.714604	0	0	0	0.21115989	11.76	0.362055574	0	0.36205557
229	8	0	0.147	1.476342	0	0	0	0.19925273	11.76	0.29416526	0	0.29416526
229	9	0	0	1.356514	0	0	0	0.19128615	11.76	0.259482261	0	0.25948226
229	10	0	0	1.328332	0	0	0	0.18558414	11.76	0.246517361	0	0.24651736
229	11	0	0	1.161327	0	0	0	0.18377389	11.76	0.213421648	0	0.21342165
229	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
229	13	0	0	1.09018	0	0	0	0.17883233	11.76	0.194959416	0	0.19495942
229	14	0	0	1.030062	0	0	0	0.16999973	11.76	0.175110293	0	0.17511029
229	15	0	0	1.117726	0	0	0	0.16464067	11.76	0.184023113	0	0.18402311
229	16	0	0	1.23544	0	0	0	0.17979103	11.76	0.222120994	0	0.22212099
229	17	0	0	1.489949	0	0	0	0.19884402	11.76	0.296267474	0	0.29626747
229	18	0	0	1.835423	0	0	0	0.22913413	11.76	0.420557944	0	0.42055794
229	19	0	0	1.883834	0	0	0	0.24577298	11.76	0.462995559	0	0.46299556
229	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
229	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
229	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
229	23	0	0	1.318	0	0	0	0.26711474	11.76	0.352057212	0	0.35205721
229	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
230	1	0	0	0.619116	0	0	0	0.30088244	11.76	0.186281009	0	0.18628101
230	2	0	0	0.517904	0	0	0	0.31189608	11.76	0.161532296	0	0.1615323
230	3	0	0.15	0.617429	0	0	0	0.31695362	11.76	0.195696246	0	0.19569625
230	4	0	0.259	0.811651	0	0	0	0.31209429	11.76	0.253311674	0	0.25331167
230	5	0	0.284	1.001659	0	0	0	0.30970703	11.76	0.31022088	0	0.31022088
230	6	0	0.288	1.361058	0	0	0	0.26367694	11.76	0.358879486	0	0.35887949
230	7	0	0.246	1.780604	0	0	0	0.21115989	11.76	0.375992123	0	0.37599212
230	8	0	0.17	1.499342	0	0	0	0.19925273	11.76	0.298748073	0	0.29874807
230	9	0	0	1.356514	0	0	0	0.19128615	11.76	0.259482261	0	0.25948226
230	10	0	0	1.328332	0	0	0	0.18558414	11.76	0.246517361	0	0.24651736
230	11	0	0	1.161327	0	0	0	0.18377389	11.76	0.213421648	0	0.21342165
230	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
230	13	0	0	1.09018	0	0	0	0.17883233	11.76	0.194959416	0	0.19495942
230	14	0	0	1.030062	0	0	0	0.16999973	11.76	0.175110293	0	0.17511029
230	15	0	0	1.117726	0	0	0	0.16464067	11.76	0.184023113	0	0.18402311
230	16	0	0	1.23444	0	0	0	0.17979103	11.76	0.221941216	0	0.22194122
230	17	0	0	1.487949	0	0	0	0.19884402	11.76	0.295869791	0	0.29586979
230	18	0	0	1.834422	0	0	0	0.22913413	11.76	0.420328799	0	0.4203288
230	19	0	0	1.882834	0	0	0	0.24577298	11.76	0.462749775	0	0.46274978
230	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
230	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
230	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
230	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
230	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
231	1	0	0	0.619116	0	0	0	0.30088244	11.76	0.186281009	0	0.18628101
231	2	0	0	0.517904	0	0	0	0.31189608	11.76	0.161532296	0	0.1615323
231	3	0	0	0.513429	0	0	0	0.31695362	11.76	0.16273306	0	0.16273306
231	4	0	0.16	0.712651	0	0	0	0.31209429	11.76	0.222414346	0	0.22241435
231	5	0	0.229	0.946659	0	0	0	0.30970703	11.76	0.293186991	0	0.29318699
231	6	0	0.231	1.304058	0	0	0	0.26367694	11.76	0.343849921	0	0.34384992
231	7	0	0	1.580604	0	0	0	0.21115989	11.76	0.33376016	0	0.33376016
231	8	0	0	1.375342	0	0	0	0.19925273	11.76	0.27404072	0	0.27404072
231	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
231	10	0	0	1.281332	0	0	0	0.18558414	11.76	0.237794897	0	0.2377949
231	11	0	0	1.160327	0	0	0	0.18377389	11.76	0.213237888	0	0.21323789
231	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
231	13	0	0	1.09018	0	0	0	0.17883233	11.76	0.194959416	0	0.19495942
231	14	0	0	1.030062	0	0	0	0.16999973	11.76	0.175110293	0	0.17511029
231	15	0	0	1.117726	0	0	0	0.16464067	11.76	0.184023113	0	0.18402311
231	16	0	0	1.23444	0	0	0	0.17979103	11.76	0.221941216	0	0.22194122
231	17	0	0	1.489949	0	0	0	0.19884402	11.76	0.296267474	0	0.29626747
231	18	0	0	1.835423	0	0	0	0.22913413	11.76	0.420557944	0	0.42055794
231	19	0	0	1.883834	0	0	0	0.24577298	11.76	0.462995559	0	0.46299556
231	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
231	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
231	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
231	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
231	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
232	1	0	0	0.619116	0	0	0	0.30088244	11.76	0.186281009	0	0.18628101
232	2	0	0	0.517904	0	0	0	0.31189608	11.76	0.161532296	0	0.1615323
232	3	0	0	0.513429	0	0	0	0.31695362	11.76	0.16273306	0	0.16273306
232	4	0	0	0.598651	0	0	0	0.31209429	11.76	0.186835591	0	0.18683559

232	5	0	0.096	0.813659	0	0	0	0.30970703	11.76	0.251995952	0	0.25199595
232	6	0	0.108	1.181058	0	0	0	0.26367694	11.76	0.31141765	0	0.31141765
232	7	0	0.105	1.639604	0	0	0	0.21115989	11.76	0.346218597	0	0.3462186
232	8	0	0	1.375342	0	0	0	0.19925273	11.76	0.27404072	0	0.27404072
232	9	0	0	1.356514	0	0	0	0.19128615	11.76	0.259482261	0	0.25948226
232	10	0	0	1.328332	0	0	0	0.18558414	11.76	0.246517361	0	0.24651736
232	11	0	0	1.207327	0	0	0	0.18377389	11.76	0.221875248	0	0.22187525
232	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
232	13	0	0	1.09018	0	0	0	0.17883233	11.76	0.194959416	0	0.19495942
232	14	0	0	1.076062	0	0	0	0.16999973	11.76	0.182930281	0	0.18293028
232	15	0	0	1.116726	0	0	0	0.16464067	11.76	0.183858465	0	0.18385846
232	16	0	0	1.23544	0	0	0	0.17979103	11.76	0.222120994	0	0.22212099
232	17	0	0	1.489949	0	0	0	0.19884402	11.76	0.296267474	0	0.29626747
232	18	0	0	1.835423	0	0	0	0.22913413	11.76	0.420557944	0	0.42055794
232	19	0	0	1.883834	0	0	0	0.24577298	11.76	0.462995559	0	0.46299556
232	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
232	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
232	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
232	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
232	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
233	1	0	0	0.619116	0	0	0	0.30088244	11.76	0.186281009	0	0.18628101
233	2	0	0	0.517904	0	0	0	0.31189608	11.76	0.161532296	0	0.1615323
233	3	0	0.097	0.564429	0	0	0	0.31695362	11.76	0.178897713	0	0.17889771
233	4	0	0.253	0.805651	0	0	0	0.31209429	11.76	0.251439095	0	0.25143909
233	5	0	0.321	1.038659	0	0	0	0.30970703	11.76	0.321680022	0	0.32168002
233	6	0	0.239	1.312057	0	0	0	0.26367694	11.76	0.345959309	0	0.34595931
233	7	0	0	1.580604	0	0	0	0.21115989	11.76	0.33376016	0	0.33376016
233	8	0	0	1.375342	0	0	0	0.19925273	11.76	0.27404072	0	0.27404072
233	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
233	10	0	0	1.281332	0	0	0	0.18558414	11.76	0.237794897	0	0.2377949
233	11	0	0	1.160327	0	0	0	0.18377389	11.76	0.213237888	0	0.21323789
233	12	0	0	1.171866	0	0	0	0.17450036	11.76	0.204491114	0	0.20449111
233	13	0.128	0	1.21418	0	0	0	0.17883233	11.76	0.217134638	0	0.21713464
233	14	0	0	1.025062	0	0	0	0.16999973	11.76	0.174260275	0	0.17426027
233	15	0.825	0	1.938726	0	0	0	0.16464067	11.76	0.3191931	0	0.3191931
233	16	0	0	1.23044	0	0	0	0.17979103	11.76	0.221222039	0	0.22122204
233	17	0	0	1.485949	0	0	0	0.19884402	11.76	0.295472084	0	0.29547208
233	18	0	0	1.832422	0	0	0	0.22913413	11.76	0.419870537	0	0.41987054
233	19	0	0	1.881834	0	0	0	0.24577298	11.76	0.46250402	0	0.46250402
233	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
233	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
233	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
233	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
233	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
234	1	0	0	0.619116	0	0	0	0.30088244	11.76	0.186281009	0	0.18628101
234	2	0	0	0.517904	0	0	0	0.31189608	11.76	0.161532296	0	0.1615323
234	3	0	0	0.513429	0	0	0	0.31695362	11.76	0.16273306	0	0.16273306
234	4	0	0.196	0.748651	0	0	0	0.31209429	11.76	0.233649745	0	0.23364974
234	5	0	0.21	0.927659	0	0	0	0.30970703	11.76	0.28730256	0	0.28730256
234	6	0	0.148	1.221058	0	0	0	0.26367694	11.76	0.321964718	0	0.32196472
234	7	0	0	1.580604	0	0	0	0.21115989	11.76	0.33376016	0	0.33376016
234	8	0	0	1.329342	0	0	0	0.19925273	11.76	0.264875094	0	0.26487509
234	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
234	10	0	0	1.327332	0	0	0	0.18558414	11.76	0.246331768	0	0.24633177
234	11	0	0	1.204327	0	0	0	0.18377389	11.76	0.221323922	0	0.22132392
234	12	0	0	1.122867	0	0	0	0.17450036	11.76	0.195940612	0	0.19594061
234	13	0.796	0	1.88218	0	0	0	0.17883233	11.76	0.336594632	0	0.33659463
234	14	1.371	0	2.395062	0	0	0	0.16999973	11.76	0.407159922	0	0.40715992
234	15	1.775	0	2.887726	0	0	0	0.16464067	11.76	0.475437115	0	0.47543712
234	16	2.045	0	3.27544	0	0	0	0.17979103	11.76	0.588894694	0	0.58889469
234	17	2.111	0	3.594949	0	0	0	0.19884402	11.76	0.714834169	0	0.71483417
234	18	1.879	0	3.709422	0	0	0	0.22913413	11.76	0.849955268	0	0.84995527
234	19	0	0	1.878834	0	0	0	0.24577298	11.76	0.461766696	0	0.4617667
234	20	0	0	1.968975	0	0	0	0.23874719	11.76	0.470087259	0	0.47008726
234	21	0	0	1.924969	0	0	0	0.24238277	11.76	0.466579218	0	0.46657922
234	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
234	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
234	24	0	0	0.845885	0	0	0	0.28001464	11.76	0.236860097	0	0.2368601
235	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
235	2	0	0	0.470904	0	0	0	0.31189608	11.76	0.146873183	0	0.14687318
235	3	0	0	0.512429	0	0	0	0.31695362	11.76	0.162416111	0	0.16241611
235	4	0	0	0.597651	0	0	0	0.31209429	11.76	0.186523501	0	0.1865235
235	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
235	6	0	0	1.119058	0	0	0	0.26367694	11.76	0.29506967	0	0.29506967
235	7	0	0	1.533604	0	0	0	0.21115989	11.76	0.323835635	0	0.32383563
235	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
235	9	0	0	1.355514	0	0	0	0.19128615	11.76	0.259290966	0	0.25929097
235	10	0	0	1.324332	0	0	0	0.18558414	11.76	0.245775011	0	0.24577501
235	11	0.4	0	1.556327	0	0	0	0.18377389	11.76	0.286012332	0	0.28601233
235	12	1.002	0	2.123867	0	0	0	0.17450036	11.76	0.370615483	0	0.37061548
235	13	1.432	0	2.51718	0	0	0	0.17883233	11.76	0.45015316	0	0.45015316
235	14	1.807	0	2.831062	0	0	0	0.16999973	11.76	0.481279822	0	0.48127982
235	15	2.137	0	3.249726	0	0	0	0.16464067	11.76	0.535037036	0	0.53503704
235	16	2.226	0	3.45644	0	0	0	0.17979103	11.76	0.621436913	0	0.62143691
235	17	2.2	0	3.683949	0	0	0	0.19884402	11.76	0.732531237	0	0.73253124
235	18	2.147	0	3.977422	0	0	0	0.22913413	11.76	0.91136319	0	0.91136319
235	19	1.717	0	3.595834	0	0	0	0.24577298	11.76	0.883758908	0	0.88375891
235	20	1.194	0	3.158975	0	0	0	0.23874719	11.76	0.754196425	0	0.75419643
235	21	0	0	1.920969	0	0	0	0.24238277	11.76	0.46560967	0	0.46560967
235	22	0	0	1.681728	0	0	0	0.2617502	11.76	0.440192742	0	0.44019274
235	23	0	0	1.27	0	0	0	0.26711474	11.76	0.339235711	0	0.33923571
235	24	0	0	0.845885	0	0	0	0.28001464	11.76	0.236860097	0	0.2368601
236	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
236	2	0	0	0.470904	0	0	0	0.31189608	11.76	0.146873183	0	0.14687318
236	3	0	0	0.466429	0	0	0	0.31695362	11.76	0.147836243	0	0.14783624
236	4	0	0	0.551651	0	0	0	0.31209429	11.76	0.172167162	0	0.17216716
236	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
236	6	0	0	1.072057	0	0	0	0.26367694	11.76	0.282676841	0	0.28267684
236	7	0	0	1.532604	0	0	0	0.21115989	11.76	0.32362449	0	0.32362449
236	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
236	9	0	0	1.355514	0	0	0	0.19128615	11.76	0.259290966	0	0.25929097
236	10	0	0	1.324332	0	0	0	0.18558414	11.76	0.245775011	0	0.24577501
236	11	0.69	0	1.846327	0	0	0	0.18377389	11.76	0.339306775	0	0.33930677
236	12	1.332	0	2.453866	0	0	0	0.17450036	11.76	0.428200589	0	0.42820059
236	13	1.808	0	2.89318	0	0	0	0.17883233	11.76	0.517394104	0	0.5173941
236	14	2.144	0	3.168062	0	0	0	0.16999973	11.76	0.538569712	0	0.53856971
236	15	2.281	0	3.393726	0	0	0	0.16464067	11.76	0.558745262	0	0.55874526
236	16	2.274	0	3.50444	0	0	0	0.17979103	11.76	0.630066857	0	0.63006686
236	17	2.278	0	3.761949	0	0	0	0.19884402	11.76	0.748041084	0	0.74804108
236	18	2.237	0	4.067422	0	0	0	0.22913413	11.76	0.931985296	0	0.9319853
236	19	1.981	0	3.859834	0	0	0	0.24577298	11.76	0.94864296	0	0.94864296

236	20	1.403	0	3.367975	0	0	0	0.23874719	11.76	0.804094557	0	0.80409456
236	21	1.061	0	2.981969	0	0	0	0.24238277	11.76	0.722777814	0	0.72277781
236	22	0.628	0	2.305728	0	0	0	0.2617502	11.76	0.603524888	0	0.60352489
236	23	0.301	0	1.568	0	0	0	0.26711474	11.76	0.418835929	0	0.41883593
236	24	0	0	0.886885	0	0	0	0.28001464	11.76	0.2483407	0	0.2483407
237	1	0	0	0.613116	0	0	0	0.30088244	11.76	0.18447572	0	0.18447572
237	2	0	0	0.511904	0	0	0	0.31189608	11.76	0.159660925	0	0.15966092
237	3	0	0	0.508429	0	0	0	0.31695362	11.76	0.161148294	0	0.16114829
237	4	0	0	0.593651	0	0	0	0.31209429	11.76	0.185275121	0	0.18527512
237	5	0	0	0.758659	0	0	0	0.30970703	11.76	0.234962063	0	0.23496206
237	6	0	0	1.068058	0	0	0	0.26367694	11.76	0.281622146	0	0.28162215
237	7	0	0	1.532604	0	0	0	0.21115989	11.76	0.32362449	0	0.32362449
237	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
237	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
237	10	0	0	1.326332	0	0	0	0.18558414	11.76	0.246146175	0	0.24614617
237	11	0	0	1.203327	0	0	0	0.18377389	11.76	0.221140162	0	0.22114016
237	12	0	0	1.121866	0	0	0	0.17450036	11.76	0.195766104	0	0.1957661
237	13	1.005	0	2.09018	0	0	0	0.17883233	11.76	0.373791747	0	0.37379175
237	14	1.478	0	2.502062	0	0	0	0.16999973	11.76	0.425349872	0	0.42534987
237	15	1.718	0	2.830726	0	0	0	0.16464067	11.76	0.466052571	0	0.46605257
237	16	1.591	0	2.82144	0	0	0	0.17979103	11.76	0.507269566	0	0.50726957
237	17	1.45	0	2.934949	0	0	0	0.19884402	11.76	0.583597097	0	0.5835971
237	18	1.221	0	3.051422	0	0	0	0.22913413	11.76	0.699185011	0	0.69918501
237	19	0.993	0	2.871834	0	0	0	0.24577298	11.76	0.705819274	0	0.70581927
237	20	0.805	0	2.769975	0	0	0	0.23874719	11.76	0.661323784	0	0.66132378
237	21	0.578	0	2.498969	0	0	0	0.24238277	11.76	0.605706927	0	0.60570693
237	22	0.359	0	2.036728	0	0	0	0.2617502	11.76	0.533114069	0	0.53311407
237	23	0.112	0	1.379	0	0	0	0.26711474	11.76	0.36835124	0	0.36835124
237	24	0	0	0.886885	0	0	0	0.28001464	11.76	0.2483407	0	0.2483407
238	1	0	0	0.614116	0	0	0	0.30088244	11.76	0.184776598	0	0.1847766
238	2	0	0	0.512904	0	0	0	0.31189608	11.76	0.159972817	0	0.15997282
238	3	0	0	0.508429	0	0	0	0.31695362	11.76	0.161148294	0	0.16114829
238	4	0	0	0.594651	0	0	0	0.31209429	11.76	0.185587211	0	0.18558721
238	5	0	0	0.758659	0	0	0	0.30970703	11.76	0.234962063	0	0.23496206
238	6	0	0	1.069058	0	0	0	0.26367694	11.76	0.281885836	0	0.28188584
238	7	0	0	1.532604	0	0	0	0.21115989	11.76	0.32362449	0	0.32362449
238	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
238	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
238	10	0	0	1.281332	0	0	0	0.18558414	11.76	0.237794897	0	0.2377949
238	11	0	0	1.160327	0	0	0	0.18377389	11.76	0.213237888	0	0.21323789
238	12	0	0	1.172866	0	0	0	0.17450036	11.76	0.204665622	0	0.20466562
238	13	0	0	1.08818	0	0	0	0.17883233	11.76	0.194601756	0	0.19460176
238	14	0	0	1.028062	0	0	0	0.16999973	11.76	0.174770278	0	0.17477028
238	15	0	0	1.117726	0	0	0	0.16464067	11.76	0.184023113	0	0.18402311
238	16	0	0	1.28144	0	0	0	0.17979103	11.76	0.230391382	0	0.23039138
238	17	0	0	1.486949	0	0	0	0.19884402	11.76	0.295670938	0	0.29567094
238	18	0	0	1.834422	0	0	0	0.22913413	11.76	0.420328799	0	0.4203288
238	19	0	0	1.881834	0	0	0	0.24577298	11.76	0.46250402	0	0.46250402
238	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
238	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
238	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
238	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
238	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
239	1	0	0	0.619116	0	0	0	0.30088244	11.76	0.186281009	0	0.18628101
239	2	0	0	0.517904	0	0	0	0.31189608	11.76	0.161532296	0	0.1615323
239	3	0	0	0.513429	0	0	0	0.31695362	11.76	0.16273306	0	0.16273306
239	4	0	0	0.598651	0	0	0	0.31209429	11.76	0.186835591	0	0.18683559
239	5	0	0	0.763659	0	0	0	0.30970703	11.76	0.236510596	0	0.2365106
239	6	0	0	1.119058	0	0	0	0.26367694	11.76	0.29506967	0	0.29506967
239	7	0	0	1.579604	0	0	0	0.21115989	11.76	0.33354899	0	0.33354899
239	8	0	0	1.375342	0	0	0	0.19925273	11.76	0.27404072	0	0.27404072
239	9	0	0	1.355514	0	0	0	0.19128615	11.76	0.259290966	0	0.25929097
239	10	0	0	1.281332	0	0	0	0.18558414	11.76	0.237794897	0	0.2377949
239	11	0	0	1.160327	0	0	0	0.18377389	11.76	0.213237888	0	0.21323789
239	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
239	13	0	0	1.09018	0	0	0	0.17883233	11.76	0.194959416	0	0.19495942
239	14	0	0	1.030062	0	0	0	0.16999973	11.76	0.175110293	0	0.17511029
239	15	0	0	1.117726	0	0	0	0.16464067	11.76	0.184023113	0	0.18402311
239	16	0	0	1.23544	0	0	0	0.17979103	11.76	0.222120994	0	0.22212099
239	17	0	0	1.489949	0	0	0	0.19884402	11.76	0.296267474	0	0.29626747
239	18	0	0	1.836422	0	0	0	0.22913413	11.76	0.420787061	0	0.42078706
239	19	0	0	1.883834	0	0	0	0.24577298	11.76	0.462995559	0	0.46299556
239	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
239	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
239	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
239	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
239	24	0	0	0.891885	0	0	0	0.28001464	11.76	0.249740772	0	0.24974077
240	1	0	0	0.619116	0	0	0	0.30088244	11.76	0.186281009	0	0.18628101
240	2	0	0	0.517904	0	0	0	0.31189608	11.76	0.161532296	0	0.1615323
240	3	0	0	0.513429	0	0	0	0.31695362	11.76	0.16273306	0	0.16273306
240	4	0	0	0.598651	0	0	0	0.31209429	11.76	0.186835591	0	0.18683559
240	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
240	6	0	0	1.119058	0	0	0	0.26367694	11.76	0.29506967	0	0.29506967
240	7	0	0	1.579604	0	0	0	0.21115989	11.76	0.33354899	0	0.33354899
240	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
240	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
240	10	0	0	1.327332	0	0	0	0.18558414	11.76	0.246331768	0	0.24633177
240	11	0	0	1.158327	0	0	0	0.18377389	11.76	0.212870323	0	0.21287032
240	12	0	0	1.124866	0	0	0	0.17450036	11.76	0.196289609	0	0.19628961
240	13	0	0	1.13318	0	0	0	0.17883233	11.76	0.202649203	0	0.2026492
240	14	0	0	1.025062	0	0	0	0.16999973	11.76	0.174260275	0	0.17426027
240	15	0.276	0	1.391726	0	0	0	0.16464067	11.76	0.229134665	0	0.22913466
240	16	0.578	0	1.80844	0	0	0	0.17979103	11.76	0.325141247	0	0.32514125
240	17	0.748	0	2.232949	0	0	0	0.19884402	11.76	0.444008565	0	0.44400857
240	18	0.764	0	2.594422	0	0	0	0.22913413	11.76	0.59447071	0	0.59447071
240	19	0.73	0	2.608834	0	0	0	0.24577298	11.76	0.641180977	0	0.64118098
240	20	0	0	1.964975	0	0	0	0.23874719	11.76	0.469132282	0	0.46913228
240	21	0	0	1.923969	0	0	0	0.24238277	11.76	0.466336824	0	0.46633682
240	22	0	0	1.682728	0	0	0	0.2617502	11.76	0.440454504	0	0.4404545
240	23	0	0	1.271	0	0	0	0.26711474	11.76	0.339502838	0	0.33950284
240	24	0	0	0.845885	0	0	0	0.28001464	11.76	0.236860097	0	0.2368601
241	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
241	2	0	0	0.470904	0	0	0	0.31189608	11.76	0.146873183	0	0.14687318
241	3	0	0	0.466429	0	0	0	0.31695362	11.76	0.147836243	0	0.14783624
241	4	0	0	0.597651	0	0	0	0.31209429	11.76	0.186523501	0	0.1865235
241	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
241	6	0	0	1.118057	0	0	0	0.26367694	11.76	0.294805981	0	0.29480598
241	7	0	0	1.532604	0	0	0	0.21115989	11.76	0.32362449	0	0.32362449
241	8	0	0	1.374342	0	0	0	0.19925273	11.76	0.273841458	0	0.27384146
241	9	0	0	1.353514	0	0	0	0.19128615	11.76	0.258908399	0	0.2589084
241	10	0	0	1.324332	0	0	0	0.18558414	11.76	0.245775011	0	0.24577501

241	11	0.896	0	2.052327	0	0	0	0.18377389	11.76	0.377164191	0	0.37716419
241	12	1.501	0	2.622867	0	0	0	0.17450036	11.76	0.457691176	0	0.45769118
241	13	1.877	0	2.96218	0	0	0	0.17883233	11.76	0.529733578	0	0.52973358
241	14	2.103	0	3.127062	0	0	0	0.16999973	11.76	0.531599701	0	0.5315997
241	15	2.319	0	3.431726	0	0	0	0.16464067	11.76	0.565001625	0	0.56500163
241	16	2.322	0	3.55244	0	0	0	0.17979103	11.76	0.638696801	0	0.6386968
241	17	2.293	0	3.776949	0	0	0	0.19884402	11.76	0.751023718	0	0.75102372
241	18	2.285	0	4.115422	0	0	0	0.22913413	11.76	0.942983702	0	0.9429837
241	19	1.875	0	3.753834	0	0	0	0.24577298	11.76	0.922591037	0	0.92259104
241	20	1.281	0	3.245975	0	0	0	0.23874719	11.76	0.774967405	0	0.77496741
241	21	0	0	1.920969	0	0	0	0.24238277	11.76	0.46560967	0	0.46560967
241	22	0	0	1.682728	0	0	0	0.2617502	11.76	0.440454504	0	0.4404545
241	23	0	0	1.271	0	0	0	0.26711474	11.76	0.339502838	0	0.33950284
241	24	0	0	0.845885	0	0	0	0.28001464	11.76	0.236860097	0	0.2368601
242	1	0	0	0.572116	0	0	0	0.30088244	11.76	0.172139537	0	0.17213954
242	2	0	0	0.470904	0	0	0	0.31189608	11.76	0.146873183	0	0.14687318
242	3	0	0	0.466429	0	0	0	0.31695362	11.76	0.147836243	0	0.14783624
242	4	0	0	0.551651	0	0	0	0.31209429	11.76	0.172167162	0	0.17216716
242	5	0	0	0.716659	0	0	0	0.30970703	11.76	0.221954369	0	0.22195437
242	6	0	0	1.072057	0	0	0	0.26367694	11.76	0.282676841	0	0.28267684
242	7	0	0	1.532604	0	0	0	0.21115989	11.76	0.32362449	0	0.32362449
242	8	0	0	1.328342	0	0	0	0.19925273	11.76	0.264675856	0	0.26467586
242	9	0	0	1.309514	0	0	0	0.19128615	11.76	0.250491803	0	0.2504918
242	10	0	0	1.281332	0	0	0	0.18558414	11.76	0.237794897	0	0.2377949
242	11	0	0	1.160327	0	0	0	0.18377389	11.76	0.213237888	0	0.21323789
242	12	0	0	1.172866	0	0	0	0.17450036	11.76	0.204665622	0	0.20466562
242	13	0	0	1.13418	0	0	0	0.17883233	11.76	0.202828044	0	0.20282804
242	14	0	0	1.026062	0	0	0	0.16999973	11.76	0.174430282	0	0.17443028
242	15	0	0	1.114726	0	0	0	0.16464067	11.76	0.183529188	0	0.18352919
242	16	0	0	1.23144	0	0	0	0.17979103	11.76	0.221401839	0	0.22140184
242	17	0	0	1.486949	0	0	0	0.19884402	11.76	0.295670938	0	0.29567094
242	18	0	0	1.833422	0	0	0	0.22913413	11.76	0.420099654	0	0.42009965
242	19	0	0	1.883834	0	0	0	0.24577298	11.76	0.462995559	0	0.46299556
242	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
242	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
242	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
242	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
242	24	0	0	0.845885	0	0	0	0.28001464	11.76	0.236860097	0	0.2368601
243	1	0	0	0.618116	0	0	0	0.30088244	11.76	0.18598013	0	0.18598013
243	2	0	0	0.516904	0	0	0	0.31189608	11.76	0.161220404	0	0.1612204
243	3	0	0	0.513429	0	0	0	0.31695362	11.76	0.16273306	0	0.16273306
243	4	0	0	0.598651	0	0	0	0.31209429	11.76	0.186835591	0	0.18683559
243	5	0	0	0.762659	0	0	0	0.30970703	11.76	0.236200893	0	0.23620089
243	6	0	0	1.119058	0	0	0	0.26367694	11.76	0.29506967	0	0.29506967
243	7	0	0	1.579604	0	0	0	0.21115989	11.76	0.33354899	0	0.33354899
243	8	0	0	1.375342	0	0	0	0.19925273	11.76	0.27404072	0	0.27404072
243	9	0	0	1.355514	0	0	0	0.19128615	11.76	0.259290966	0	0.25929097
243	10	0	0	1.327332	0	0	0	0.18558414	11.76	0.246331768	0	0.24633177
243	11	0	0	1.161327	0	0	0	0.18377389	11.76	0.213421648	0	0.21342165
243	12	0	0	1.126866	0	0	0	0.17450036	11.76	0.196638605	0	0.1966386
243	13	0	0	1.09018	0	0	0	0.17883233	11.76	0.194959416	0	0.19495942
243	14	0	0	1.030062	0	0	0	0.16999973	11.76	0.175110293	0	0.17511029
243	15	0	0	1.163726	0	0	0	0.16464067	11.76	0.191596584	0	0.19159658
243	16	0	0	1.23244	0	0	0	0.17979103	11.76	0.221581617	0	0.22158162
243	17	0	0	1.487949	0	0	0	0.19884402	11.76	0.295869791	0	0.29586979
243	18	0	0	1.833422	0	0	0	0.22913413	11.76	0.420099654	0	0.42009965
243	19	0	0	1.883834	0	0	0	0.24577298	11.76	0.462995559	0	0.46299556
243	20	0	0	1.970975	0	0	0	0.23874719	11.76	0.470564747	0	0.47056475
243	21	0	0	1.925969	0	0	0	0.24238277	11.76	0.466821612	0	0.46682161
243	22	0	0	1.683728	0	0	0	0.2617502	11.76	0.440716267	0	0.44071627
243	23	0	0	1.272	0	0	0	0.26711474	11.76	0.339769965	0	0.33976997
243	24	0	0	0.845885	0	0	0	0.28001464	11.76	0.236860097	0	0.2368601
244	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
244	2	0	0	0.516904	0	0	0	0.38485579	11.76	0.198933586	0	0.19893359
244	3	0	0	0.513429	0	0	0	0.39820975	11.76	0.204452285	0	0.20445229
244	4	0	0	0.598651	0	0	0	0.39654352	11.76	0.237391219	0	0.23739122
244	5	0	0	0.764659	0	0	0	0.37931575	11.76	0.290047243	0	0.29004724
244	6	0	0	1.123057	0	0	0	0.36451506	11.76	0.409371371	0	0.40937137
244	7	0	0	1.590604	0	0	0	0.28554767	11.76	0.454193246	0	0.45419325
244	8	0	0	1.384342	0	0	0	0.2725578	11.76	0.377313325	0	0.37731332
244	9	0	0	1.364514	0	0	0	0.26488119	11.76	0.361434001	0	0.361434
244	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
244	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
244	12	0	0	1.133867	0	0	0	0.23516087	11.76	0.266641039	0	0.26664104
244	13	0	0	1.09718	0	0	0	0.22161006	11.76	0.243146106	0	0.24314611
244	14	0	0	1.035062	0	0	0	0.2146921	11.76	0.22221968	0	0.22221968
244	15	0	0	1.122726	0	0	0	0.21587876	11.76	0.242372641	0	0.24237264
244	16	0	0	1.24144	0	0	0	0.22383114	11.76	0.277872892	0	0.27787289
244	17	0	0	1.496949	0	0	0	0.29135328	11.76	0.436141027	0	0.43614103
244	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
244	19	0	0	1.893834	0	0	0	0.31775268	11.76	0.601770949	0	0.60177095
244	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
244	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
244	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
244	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
244	24	0	0	0.893885	0	0	0	0.35979209	11.76	0.321612628	0	0.32161263
245	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
245	2	0	0	0.517904	0	0	0	0.38485579	11.76	0.199318437	0	0.19931844
245	3	0	0.091	0.558429	0	0	0	0.39820975	11.76	0.222371731	0	0.22237173
245	4	0	0.171	0.723651	0	0	0	0.39654352	11.76	0.286959159	0	0.28695916
245	5	0	0.231	0.950659	0	0	0	0.37931575	11.76	0.360599991	0	0.36059999
245	6	0	0.25	1.328058	0	0	0	0.36451506	11.76	0.484096975	0	0.48409697
245	7	0	0.107	1.652604	0	0	0	0.28554767	11.76	0.471897178	0	0.47189718
245	8	0	0	1.384342	0	0	0	0.2725578	11.76	0.377313325	0	0.37731332
245	9	0	0	1.318514	0	0	0	0.26488119	11.76	0.349249465	0	0.34924947
245	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
245	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
245	12	0	0	1.133867	0	0	0	0.23516087	11.76	0.266641039	0	0.26664104
245	13	0	0	1.09718	0	0	0	0.22161006	11.76	0.243146106	0	0.24314611
245	14	0	0	1.035062	0	0	0	0.2146921	11.76	0.22221968	0	0.22221968
245	15	0	0	1.121726	0	0	0	0.21587876	11.76	0.242156777	0	0.24215678
245	16	0	0	1.24144	0	0	0	0.22383114	11.76	0.277872892	0	0.27787289
245	17	0	0	1.494949	0	0	0	0.29135328	11.76	0.435558328	0	0.43555833
245	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
245	19	0	0	1.892834	0	0	0	0.31775268	11.76	0.601453143	0	0.60145314
245	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
245	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
245	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
245	23	0	0	1.278	0	0	0	0.34965758	11.76	0.446862392	0	0.44686239
245	24	0	0	0.893885	0	0	0	0.35979209	11.76	0.321612628	0	0.32161263
246	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351

246	2	0	0	0.517904	0	0	0	0.38485579	11.76	0.199318437	0	0.19931844
246	3	0	0	0.513429	0	0	0	0.39820975	11.76	0.204452285	0	0.20445229
246	4	0	0	0.598651	0	0	0	0.39654352	11.76	0.237391219	0	0.23739122
246	5	0	0	0.765659	0	0	0	0.37931575	11.76	0.290426577	0	0.29042658
246	6	0	0.125	1.203058	0	0	0	0.36451506	11.76	0.438532592	0	0.43853259
246	7	0	0.133	1.678604	0	0	0	0.28554767	11.76	0.479321423	0	0.47932142
246	8	0	0.11	1.448342	0	0	0	0.2725578	11.76	0.394757027	0	0.39475703
246	9	0	0	1.365514	0	0	0	0.26488119	11.76	0.361698863	0	0.36169886
246	10	0	0	1.337332	0	0	0	0.25568257	11.76	0.34193249	0	0.34193249
246	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
246	12	0	0	1.133867	0	0	0	0.23516087	11.76	0.266641039	0	0.26664104
246	13	0	0	1.09718	0	0	0	0.22161006	11.76	0.243146106	0	0.24314611
246	14	0	0	1.035062	0	0	0	0.2146921	11.76	0.22221968	0	0.22221968
246	15	0	0	1.122726	0	0	0	0.21587876	11.76	0.242372641	0	0.24237264
246	16	0	0	1.24144	0	0	0	0.22383114	11.76	0.277872892	0	0.27787289
246	17	0	0	1.496949	0	0	0	0.29135328	11.76	0.436141027	0	0.43614103
246	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
246	19	0	0	1.893834	0	0	0	0.31775268	11.76	0.601770949	0	0.60177095
246	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
246	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
246	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
246	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
246	24	0	0	0.893885	0	0	0	0.35979209	11.76	0.321612628	0	0.32161263
247	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
247	2	0	0	0.517904	0	0	0	0.38485579	11.76	0.199318437	0	0.19931844
247	3	0	0.129	0.596429	0	0	0	0.39820975	11.76	0.237503696	0	0.2375037
247	4	0	0.197	0.749651	0	0	0	0.39654352	11.76	0.297269276	0	0.29726928
247	5	0	0.213	0.932659	0	0	0	0.37931575	11.76	0.353772305	0	0.35377231
247	6	0	0.236	1.314058	0	0	0	0.36451506	11.76	0.478993786	0	0.47899379
247	7	0	0.176	1.721604	0	0	0	0.28554767	11.76	0.491599968	0	0.49159997
247	8	0	0	1.384342	0	0	0	0.2725578	11.76	0.377313325	0	0.37731332
247	9	0	0	1.318514	0	0	0	0.26488119	11.76	0.349249465	0	0.34924947
247	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
247	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
247	12	0	0	1.133867	0	0	0	0.23516087	11.76	0.266641039	0	0.26664104
247	13	0	0	1.09718	0	0	0	0.22161006	11.76	0.243146106	0	0.24314611
247	14	0	0	1.035062	0	0	0	0.2146921	11.76	0.22221968	0	0.22221968
247	15	0	0	1.122726	0	0	0	0.21587876	11.76	0.242372641	0	0.24237264
247	16	0	0	1.24144	0	0	0	0.22383114	11.76	0.277872892	0	0.27787289
247	17	0	0	1.496949	0	0	0	0.29135328	11.76	0.436141027	0	0.43614103
247	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
247	19	0	0	1.893834	0	0	0	0.31775268	11.76	0.601770949	0	0.60177095
247	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
247	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
247	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
247	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
247	24	0	0	0.893885	0	0	0	0.35979209	11.76	0.321612628	0	0.32161263
248	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
248	2	0	0.161	0.632904	0	0	0	0.38485579	11.76	0.243576856	0	0.24357686
248	3	0	0.279	0.746429	0	0	0	0.39820975	11.76	0.297235149	0	0.29723515
248	4	0	0.337	0.889651	0	0	0	0.39654352	11.76	0.352785387	0	0.35278539
248	5	0	0.382	1.101659	0	0	0	0.37931575	11.76	0.417876679	0	0.41787668
248	6	0	0.372	1.450058	0	0	0	0.36451506	11.76	0.528567805	0	0.5285678
248	7	0	0.405	1.950604	0	0	0	0.28554767	11.76	0.55699041	0	0.55699041
248	8	0	0.307	1.645342	0	0	0	0.2725578	11.76	0.44845092	0	0.44845092
248	9	0	0	1.365514	0	0	0	0.26488119	11.76	0.361698863	0	0.36169886
248	10	0	0	1.337332	0	0	0	0.25568257	11.76	0.34193249	0	0.34193249
248	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
248	12	0	0	1.133867	0	0	0	0.23516087	11.76	0.266641039	0	0.26664104
248	13	0	0	1.09718	0	0	0	0.22161006	11.76	0.243146106	0	0.24314611
248	14	0	0	1.035062	0	0	0	0.2146921	11.76	0.22221968	0	0.22221968
248	15	0	0	1.122726	0	0	0	0.21587876	11.76	0.242372641	0	0.24237264
248	16	0	0	1.24144	0	0	0	0.22383114	11.76	0.277872892	0	0.27787289
248	17	0	0	1.496949	0	0	0	0.29135328	11.76	0.436141027	0	0.43614103
248	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
248	19	0	0	1.893834	0	0	0	0.31775268	11.76	0.601770949	0	0.60177095
248	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
248	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
248	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
248	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
248	24	0	0	0.893885	0	0	0	0.35979209	11.76	0.321612628	0	0.32161263
249	1	0	0.142	0.716116	0	0	0	0.36995279	11.76	0.264928964	0	0.26492896
249	2	0	0.305	0.776904	0	0	0	0.38485579	11.76	0.298996087	0	0.29899609
249	3	0	0.403	0.870429	0	0	0	0.39820975	11.76	0.346613187	0	0.34661319
249	4	0	0.493	1.045651	0	0	0	0.39654352	11.76	0.41464616	0	0.41464616
249	5	0	0.556	1.275659	0	0	0	0.37931575	11.76	0.483877583	0	0.48387758
249	6	0	0.474	1.552058	0	0	0	0.36451506	11.76	0.565748341	0	0.56574834
249	7	0	0.459	2.004604	0	0	0	0.28554767	11.76	0.572409956	0	0.57240996
249	8	0	0.391	1.729342	0	0	0	0.2725578	11.76	0.471345773	0	0.47134577
249	9	0	0.25	1.569514	0	0	0	0.26488119	11.76	0.415734626	0	0.41573463
249	10	0	0	1.337332	0	0	0	0.25568257	11.76	0.34193249	0	0.34193249
249	11	0	0	1.215327	0	0	0	0.24108249	11.76	0.292994153	0	0.29299415
249	12	0	0	1.180866	0	0	0	0.23516087	11.76	0.277693583	0	0.27769358
249	13	0	0	1.09718	0	0	0	0.22161006	11.76	0.243146106	0	0.24314611
249	14	0	0	1.035062	0	0	0	0.2146921	11.76	0.22221968	0	0.22221968
249	15	0	0	1.122726	0	0	0	0.21587876	11.76	0.242372641	0	0.24237264
249	16	0	0	1.24144	0	0	0	0.22383114	11.76	0.277872892	0	0.27787289
249	17	0	0	1.496949	0	0	0	0.29135328	11.76	0.436141027	0	0.43614103
249	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
249	19	0	0	1.893834	0	0	0	0.31775268	11.76	0.601770949	0	0.60177095
249	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
249	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
249	22	0	0	1.735728	0	0	0	0.33870414	11.76	0.587898384	0	0.58789838
249	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
249	24	0	0	0.893885	0	0	0	0.35979209	11.76	0.321612628	0	0.32161263
250	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
250	2	0	0	0.517904	0	0	0	0.38485579	11.76	0.199318437	0	0.19931844
250	3	0	0.163	0.630429	0	0	0	0.39820975	11.76	0.251042843	0	0.25104284
250	4	0	0.246	0.798651	0	0	0	0.39654352	11.76	0.316699919	0	0.31669992
250	5	0	0.238	0.957659	0	0	0	0.37931575	11.76	0.36325519	0	0.36325519
250	6	0	0.246	1.324058	0	0	0	0.36451506	11.76	0.482638933	0	0.48263893
250	7	0	0.228	1.773604	0	0	0	0.28554767	11.76	0.50644846	0	0.50644846
250	8	0	0.105	1.443342	0	0	0	0.2725578	11.76	0.393394239	0	0.39339424
250	9	0	0.109	1.428514	0	0	0	0.26488119	11.76	0.378386401	0	0.3783864
250	10	0	0	1.291332	0	0	0	0.25568257	11.76	0.330171091	0	0.33017109
250	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
250	12	0	0	1.133867	0	0	0	0.23516087	11.76	0.266641039	0	0.26664104
250	13	0	0	1.09718	0	0	0	0.22161006	11.76	0.243146106	0	0.24314611
250	14	0	0	1.035062	0	0	0	0.2146921	11.76	0.22221968	0	0.22221968
250	15	0	0	1.122726	0	0	0	0.21587876	11.76	0.242372641	0	0.24237264
250	16	0	0	1.24144	0	0	0	0.22383114	11.76	0.277872892	0	0.27787289

250	17	0	0	1.495949	0	0	0	0.29135328	11.76	0.435849661	0	0.43584966
250	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
250	19	0	0	1.893834	0	0	0	0.31775268	11.76	0.601770949	0	0.60177095
250	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
250	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
250	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
250	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
250	24	0	0	0.893885	0	0	0	0.35979209	11.76	0.321612628	0	0.32161263
251	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
251	2	0	0.119	0.590904	0	0	0	0.38485579	11.76	0.227412915	0	0.22741291
251	3	0	0.277	0.744429	0	0	0	0.39820975	11.76	0.29643874	0	0.29643874
251	4	0	0.381	0.933651	0	0	0	0.39654352	11.76	0.37023329	0	0.37023329
251	5	0	0.453	1.172659	0	0	0	0.37931575	11.76	0.444808089	0	0.44480809
251	6	0	0.437	1.515058	0	0	0	0.36451506	11.76	0.552261305	0	0.5522613
251	7	0	0.088	1.633604	0	0	0	0.28554767	11.76	0.466471791	0	0.46647179
251	8	0	0	1.384342	0	0	0	0.2725578	11.76	0.377313325	0	0.37731332
251	9	0	0	1.318514	0	0	0	0.26488119	11.76	0.349249465	0	0.34924947
251	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
251	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
251	12	0	0	1.133867	0	0	0	0.23516087	11.76	0.266641039	0	0.26664104
251	13	0	0	1.09718	0	0	0	0.22161006	11.76	0.243146106	0	0.24314611
251	14	0	0	1.033062	0	0	0	0.2146921	11.76	0.221790301	0	0.2217903
251	15	0	0	1.120726	0	0	0	0.21587876	11.76	0.241940889	0	0.24194089
251	16	0	0	1.23744	0	0	0	0.22383114	11.76	0.276977552	0	0.27697755
251	17	0	0	1.492949	0	0	0	0.29135328	11.76	0.434975595	0	0.43497559
251	18	0	0	1.839422	0	0	0	0.33250843	11.76	0.611623483	0	0.61162348
251	19	0	0	1.891834	0	0	0	0.31775268	11.76	0.601135413	0	0.60113541
251	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
251	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
251	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
251	23	0	0	1.278	0	0	0	0.34965758	11.76	0.446862392	0	0.44686239
251	24	0	0	0.847885	0	0	0	0.35979209	11.76	0.30506219	0	0.30506219
252	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
252	2	0	0	0.517904	0	0	0	0.38485579	11.76	0.199318437	0	0.19931844
252	3	0	0	0.513429	0	0	0	0.39820975	11.76	0.204452285	0	0.20445229
252	4	0	0.136	0.688651	0	0	0	0.39654352	11.76	0.273080126	0	0.27308013
252	5	0	0.218	0.937659	0	0	0	0.37931575	11.76	0.355668882	0	0.35566888
252	6	0	0.302	1.380058	0	0	0	0.36451506	11.76	0.503051775	0	0.50305177
252	7	0	0	1.591604	0	0	0	0.28554767	11.76	0.454478773	0	0.45447877
252	8	0	0	1.384342	0	0	0	0.2725578	11.76	0.377313325	0	0.37731332
252	9	0	0	1.318514	0	0	0	0.26488119	11.76	0.349249465	0	0.34924947
252	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
252	11	0	0	1.215327	0	0	0	0.24108249	11.76	0.292994153	0	0.29299415
252	12	0	0	1.130867	0	0	0	0.23516087	11.76	0.265935551	0	0.26593555
252	13	0	0	1.14318	0	0	0	0.22161006	11.76	0.253340169	0	0.25334017
252	14	0	0	1.031062	0	0	0	0.2146921	11.76	0.221360897	0	0.2213609
252	15	0	0	1.121726	0	0	0	0.21587876	11.76	0.242156777	0	0.24215678
252	16	0	0	1.23844	0	0	0	0.22383114	11.76	0.277201394	0	0.27720139
252	17	0	0	1.494949	0	0	0	0.29135328	11.76	0.435558328	0	0.43555833
252	18	0	0	1.842422	0	0	0	0.33250843	11.76	0.612621016	0	0.61262102
252	19	0	0	1.892834	0	0	0	0.31775268	11.76	0.601453143	0	0.60145314
252	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
252	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
252	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
252	23	0	0	1.278	0	0	0	0.34965758	11.76	0.446862392	0	0.44686239
252	24	0	0	0.893885	0	0	0	0.35979209	11.76	0.321612628	0	0.32161263
253	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
253	2	0	0	0.517904	0	0	0	0.38485579	11.76	0.199318437	0	0.19931844
253	3	0	0.161	0.628429	0	0	0	0.39820975	11.76	0.25024641	0	0.25024641
253	4	0	0.308	0.860651	0	0	0	0.39654352	11.76	0.341285631	0	0.34128563
253	5	0	0.326	1.045659	0	0	0	0.37931575	11.76	0.396634999	0	0.396635
253	6	0	0.409	1.487058	0	0	0	0.36451506	11.76	0.542054884	0	0.54205488
253	7	0	0.091	1.636604	0	0	0	0.28554767	11.76	0.46732844	0	0.46732844
253	8	0	0	1.384342	0	0	0	0.2725578	11.76	0.377313325	0	0.37731332
253	9	0	0	1.318514	0	0	0	0.26488119	11.76	0.349249465	0	0.34924947
253	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
253	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
253	12	0	0	1.133867	0	0	0	0.23516087	11.76	0.266641039	0	0.26664104
253	13	0	0	1.09618	0	0	0	0.22161006	11.76	0.242924512	0	0.24292451
253	14	0	0	1.034062	0	0	0	0.2146921	11.76	0.222004978	0	0.22200498
253	15	0	0	1.119726	0	0	0	0.21587876	11.76	0.241725	0	0.241725
253	16	0	0	1.23744	0	0	0	0.22383114	11.76	0.276977552	0	0.27697755
253	17	0	0	1.492949	0	0	0	0.29135328	11.76	0.434975595	0	0.43497559
253	18	0	0	1.840423	0	0	0	0.33250843	11.76	0.611956007	0	0.61195601
253	19	0	0	1.890834	0	0	0	0.31775268	11.76	0.600817684	0	0.60081768
253	20	0	0	1.977975	0	0	0	0.32053561	11.76	0.634011465	0	0.63401147
253	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
253	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
253	23	0	0	1.278	0	0	0	0.34965758	11.76	0.446862392	0	0.44686239
253	24	0	0	0.847885	0	0	0	0.35979209	11.76	0.30506219	0	0.30506219
254	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
254	2	0	0	0.517904	0	0	0	0.38485579	11.76	0.199318437	0	0.19931844
254	3	0	0	0.513429	0	0	0	0.39820975	11.76	0.204452285	0	0.20445229
254	4	0	0.089	0.641651	0	0	0	0.39654352	11.76	0.254442584	0	0.25444258
254	5	0	0.175	0.894659	0	0	0	0.37931575	11.76	0.339358312	0	0.33935831
254	6	0	0.26	1.338058	0	0	0	0.36451506	11.76	0.487742122	0	0.48774212
254	7	0	0	1.591604	0	0	0	0.28554767	11.76	0.454478773	0	0.45447877
254	8	0	0	1.338342	0	0	0	0.2725578	11.76	0.364775665	0	0.36477566
254	9	0	0	1.318514	0	0	0	0.26488119	11.76	0.349249465	0	0.34924947
254	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
254	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
254	12	0	0	1.132867	0	0	0	0.23516087	11.76	0.266405867	0	0.26640587
254	13	0	0	1.14118	0	0	0	0.22161006	11.76	0.252896955	0	0.25289695
254	14	0	0	1.030062	0	0	0	0.2146921	11.76	0.221146221	0	0.22114622
254	15	0	0	1.119726	0	0	0	0.21587876	11.76	0.241725	0	0.241725
254	16	0	0	1.23644	0	0	0	0.22383114	11.76	0.276753737	0	0.27675374
254	17	0	0	1.491949	0	0	0	0.29135328	11.76	0.434684262	0	0.43468426
254	18	0	0	1.840423	0	0	0	0.33250843	11.76	0.611956007	0	0.61195601
254	19	0	0	1.889834	0	0	0	0.31775268	11.76	0.600499916	0	0.60049992
254	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
254	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
254	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
254	23	0	0	1.278	0	0	0	0.34965758	11.76	0.446862392	0	0.44686239
254	24	0	0	0.847885	0	0	0	0.35979209	11.76	0.30506219	0	0.30506219
255	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
255	2	0	0	0.516904	0	0	0	0.38485579	11.76	0.198933586	0	0.19893359
255	3	0	0	0.513429	0	0	0	0.39820975	11.76	0.204452285	0	0.20445229
255	4	0	0.089	0.641651	0	0	0	0.39654352	11.76	0.254442584	0	0.25444258
255	5	0	0.176	0.895659	0	0	0	0.37931575	11.76	0.339737622	0	0.33973762
255	6	0	0.264	1.342058	0	0	0	0.36451506	11.76	0.489200207	0	0.48920021
255	7	0	0	1.591604	0	0	0	0.28554767	11.76	0.454478773	0	0.45447877

255	8	0	0	1.338342	0	0	0	0.2725578	11.76	0.364775665	0	0.36477566
255	9	0	0	1.318514	0	0	0	0.26488119	11.76	0.349249465	0	0.34924947
255	10	0	0	1.336332	0	0	0	0.25568257	11.76	0.341676795	0	0.3416768
255	11	0	0	1.166327	0	0	0	0.24108249	11.76	0.281181105	0	0.2811811
255	12	0	0	1.132867	0	0	0	0.23516087	11.76	0.266405867	0	0.26640587
255	13	0	0	1.09318	0	0	0	0.22161006	11.76	0.242259677	0	0.24225968
255	14	0.759	0	1.791062	0	0	0	0.2146921	11.76	0.384526894	0	0.38452689
255	15	1.353	0	2.470726	0	0	0	0.21587876	11.76	0.533377224	0	0.53337722
255	16	1.69	0	2.92644	0	0	0	0.22383114	11.76	0.655028353	0	0.65502835
255	17	1.778	0	3.269949	0	0	0	0.29135328	11.76	0.952710363	0	0.95271036
255	18	0	0	1.839422	0	0	0	0.33250843	11.76	0.611623483	0	0.61162348
255	19	0	0	1.890834	0	0	0	0.31775268	11.76	0.600817684	0	0.60081768
255	20	0	0	1.977975	0	0	0	0.32053561	11.76	0.634011465	0	0.63401147
255	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
255	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
255	23	0	0	1.278	0	0	0	0.34965758	11.76	0.446862392	0	0.44686239
255	24	0	0	0.847885	0	0	0	0.35979209	11.76	0.30506219	0	0.30506219
256	1	0	0	0.574116	0	0	0	0.36995279	11.76	0.212395682	0	0.21239568
256	2	0	0	0.516904	0	0	0	0.38485579	11.76	0.198933586	0	0.19893359
256	3	0	0	0.512429	0	0	0	0.39820975	11.76	0.204054081	0	0.20405408
256	4	0	0	0.598651	0	0	0	0.39654352	11.76	0.237391219	0	0.23739122
256	5	0	0	0.765659	0	0	0	0.37931575	11.76	0.290426577	0	0.29042658
256	6	0	0.143	1.221058	0	0	0	0.36451506	11.76	0.445093865	0	0.44509387
256	7	0	0	1.591604	0	0	0	0.28554767	11.76	0.454478773	0	0.45447877
256	8	0	0	1.338342	0	0	0	0.2725578	11.76	0.364775665	0	0.36477566
256	9	0	0	1.318514	0	0	0	0.26488119	11.76	0.349249465	0	0.34924947
256	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
256	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
256	12	0	0	1.132867	0	0	0	0.23516087	11.76	0.266405867	0	0.26640587
256	13	0	0	1.09518	0	0	0	0.22161006	11.76	0.242702891	0	0.24270289
256	14	0	0	1.033062	0	0	0	0.2146921	11.76	0.221790301	0	0.2217903
256	15	0	0	1.118726	0	0	0	0.21587876	11.76	0.241509137	0	0.24150914
256	16	1.55	0	2.78644	0	0	0	0.22383114	11.76	0.623692023	0	0.62369202
256	17	1.713	0	3.204949	0	0	0	0.29135328	11.76	0.933772453	0	0.93377245
256	18	0	0	1.839422	0	0	0	0.33250843	11.76	0.611623483	0	0.61162348
256	19	0	0	1.887834	0	0	0	0.31775268	11.76	0.599864419	0	0.59986442
256	20	0	0	1.976975	0	0	0	0.32053561	11.76	0.633690914	0	0.63369091
256	21	0	0	1.931969	0	0	0	0.32793323	11.76	0.633556693	0	0.63355669
256	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
256	23	0	0	1.278	0	0	0	0.34965758	11.76	0.446862392	0	0.44686239
256	24	0	0	0.847885	0	0	0	0.35979209	11.76	0.30506219	0	0.30506219
257	1	0	0	0.574116	0	0	0	0.36995279	11.76	0.212395682	0	0.21239568
257	2	0	0	0.516904	0	0	0	0.38485579	11.76	0.198933586	0	0.19893359
257	3	0	0	0.512429	0	0	0	0.39820975	11.76	0.204054081	0	0.20405408
257	4	0	0	0.598651	0	0	0	0.39654352	11.76	0.237391219	0	0.23739122
257	5	0	0	0.765659	0	0	0	0.37931575	11.76	0.290426577	0	0.29042658
257	6	0	0.095	1.173058	0	0	0	0.36451506	11.76	0.42759715	0	0.42759715
257	7	0	0	1.591604	0	0	0	0.28554767	11.76	0.454478773	0	0.45447877
257	8	0	0	1.338342	0	0	0	0.2725578	11.76	0.364775665	0	0.36477566
257	9	0	0	1.318514	0	0	0	0.26488119	11.76	0.349249465	0	0.34924947
257	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
257	11	0	0	1.215327	0	0	0	0.24108249	11.76	0.292994153	0	0.29299415
257	12	0	0	1.130867	0	0	0	0.23516087	11.76	0.265935551	0	0.26593555
257	13	0.184	0	1.27918	0	0	0	0.22161006	11.76	0.283479146	0	0.28347915
257	14	1.084	0	2.114062	0	0	0	0.2146921	11.76	0.453872434	0	0.45387243
257	15	1.654	0	2.771726	0	0	0	0.21587876	11.76	0.598356705	0	0.59835671
257	16	1.961	0	3.19744	0	0	0	0.22383114	11.76	0.715686572	0	0.71568657
257	17	2.058	0	3.549949	0	0	0	0.29135328	11.76	1.034289344	0	1.03428934
257	18	1.438	0	3.277422	0	0	0	0.33250843	11.76	1.0897706	0	1.0897706
257	19	0	0	1.887834	0	0	0	0.31775268	11.76	0.599864419	0	0.59986442
257	20	0	0	1.976975	0	0	0	0.32053561	11.76	0.633690914	0	0.63369091
257	21	0	0	1.932969	0	0	0	0.32793323	11.76	0.633884642	0	0.63388464
257	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
257	23	0	0	1.278	0	0	0	0.34965758	11.76	0.446862392	0	0.44686239
257	24	0	0	0.847885	0	0	0	0.35979209	11.76	0.30506219	0	0.30506219
258	1	0	0	0.574116	0	0	0	0.36995279	11.76	0.212395682	0	0.21239568
258	2	0	0	0.516904	0	0	0	0.38485579	11.76	0.198933586	0	0.19893359
258	3	0	0	0.512429	0	0	0	0.39820975	11.76	0.204054081	0	0.20405408
258	4	0	0	0.598651	0	0	0	0.39654352	11.76	0.237391219	0	0.23739122
258	5	0	0.124	0.843659	0	0	0	0.37931575	11.76	0.320013209	0	0.32001321
258	6	0	0.241	1.319058	0	0	0	0.36451506	11.76	0.480816359	0	0.48081636
258	7	0	0	1.591604	0	0	0	0.28554767	11.76	0.454478773	0	0.45447877
258	8	0	0	1.384342	0	0	0	0.2725578	11.76	0.377313325	0	0.37731332
258	9	0	0	1.318514	0	0	0	0.26488119	11.76	0.349249465	0	0.34924947
258	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
258	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
258	12	0	0	1.179866	0	0	0	0.23516087	11.76	0.277458412	0	0.27745841
258	13	0	0	1.09318	0	0	0	0.22161006	11.76	0.242259677	0	0.24225968
258	14	0	0	1.033062	0	0	0	0.2146921	11.76	0.221790301	0	0.2217903
258	15	0	0	1.119726	0	0	0	0.21587876	11.76	0.241725	0	0.241725
258	16	1.125	0	2.36144	0	0	0	0.22383114	11.76	0.528563745	0	0.52856375
258	17	1.236	0	2.727949	0	0	0	0.29135328	11.76	0.794796938	0	0.79479694
258	18	0	0	1.839422	0	0	0	0.33250843	11.76	0.611623483	0	0.61162348
258	19	0	0	1.889834	0	0	0	0.31775268	11.76	0.600499916	0	0.60049992
258	20	0	0	1.975975	0	0	0	0.32053561	11.76	0.633370364	0	0.63337036
258	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
258	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
258	23	0	0	1.278	0	0	0	0.34965758	11.76	0.446862392	0	0.44686239
258	24	0	0	0.847885	0	0	0	0.35979209	11.76	0.30506219	0	0.30506219
259	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
259	2	0	0	0.517904	0	0	0	0.38485579	11.76	0.199318437	0	0.19931844
259	3	0	0	0.513429	0	0	0	0.39820975	11.76	0.204452285	0	0.20445229
259	4	0	0.177	0.729651	0	0	0	0.39654352	11.76	0.289338413	0	0.28933841
259	5	0	0.229	0.948659	0	0	0	0.37931575	11.76	0.359841347	0	0.35984135
259	6	0	0.304	1.382058	0	0	0	0.36451506	11.76	0.503780795	0	0.5037808
259	7	0	0.336	1.881604	0	0	0	0.28554767	11.76	0.537287619	0	0.53728762
259	8	0	0.305	1.643342	0	0	0	0.2725578	11.76	0.447905811	0	0.44790581
259	9	0	0.275	1.594514	0	0	0	0.26488119	11.76	0.422356681	0	0.42235668
259	10	0	0.214	1.505332	0	0	0	0.25568257	11.76	0.384887188	0	0.38488719
259	11	0	0.175	1.345327	0	0	0	0.24108249	11.76	0.324334876	0	0.32433488
259	12	0	0	1.180866	0	0	0	0.23516087	11.76	0.277693583	0	0.27769358
259	13	0	0	1.14418	0	0	0	0.22161006	11.76	0.25356179	0	0.25356179
259	14	0	0	1.082062	0	0	0	0.2146921	11.76	0.232310194	0	0.23231019
259	15	0	0	1.169726	0	0	0	0.21587876	11.76	0.252518953	0	0.25251895
259	16	0	0	1.24144	0	0	0	0.22383114	11.76	0.277872892	0	0.27787289
259	17	0	0	1.496949	0	0	0	0.29135328	11.76	0.436141027	0	0.43614103
259	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
259	19	0	0	1.893834	0	0	0	0.31775268	11.76	0.601770949	0	0.60177095
259	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
259	21	0	0	1.979969	0	0	0	0.32793323	11.76	0.649297481	0	0.64929748
259	22	0	0	1.735728	0	0	0	0.33870414	11.76	0.587898384	0	0.58789838

259	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
259	24	0	0	0.894885	0	0	0	0.35979209	11.76	0.321972437	0	0.32197244
260	1	0	0.151	0.726116	0	0	0	0.36995279	11.76	0.268628488	0	0.26862849
260	2	0	0.254	0.725904	0	0	0	0.38485579	11.76	0.279368442	0	0.27936844
260	3	0	0.297	0.764429	0	0	0	0.39820975	11.76	0.304402927	0	0.30440293
260	4	0	0.342	0.894651	0	0	0	0.39654352	11.76	0.354768103	0	0.3547681
260	5	0	0.332	1.051659	0	0	0	0.37931575	11.76	0.398910864	0	0.39891086
260	6	0	0.356	1.434058	0	0	0	0.36451506	11.76	0.522735595	0	0.5227356
260	7	0	0.363	1.908604	0	0	0	0.28554767	11.76	0.544997392	0	0.54499739
260	8	0	0.347	1.685342	0	0	0	0.2725578	11.76	0.459353222	0	0.45935322
260	9	0	0.292	1.611514	0	0	0	0.26488119	11.76	0.426859651	0	0.42685965
260	10	0	0.213	1.504332	0	0	0	0.25568257	11.76	0.384631494	0	0.38463149
260	11	0	0.168	1.338327	0	0	0	0.24108249	11.76	0.322647306	0	0.32264731
260	12	0	0.102	1.236866	0	0	0	0.23516087	11.76	0.290862591	0	0.29086259
260	13	0	0	1.14418	0	0	0	0.22161006	11.76	0.25356179	0	0.25356179
260	14	0	0	1.082062	0	0	0	0.2146921	11.76	0.232310194	0	0.23231019
260	15	0	0	1.169726	0	0	0	0.21587876	11.76	0.252518953	0	0.25251895
260	16	0	0	1.28744	0	0	0	0.22383114	11.76	0.288169125	0	0.28816913
260	17	0	0	1.542949	0	0	0	0.29135328	11.76	0.44954328	0	0.44954328
260	18	0	0	1.890422	0	0	0	0.33250843	11.76	0.628581413	0	0.62858141
260	19	0	0	1.939834	0	0	0	0.31775268	11.76	0.616387535	0	0.61638754
260	20	0	0	2.024975	0	0	0	0.32053561	11.76	0.649076617	0	0.64907662
260	21	0	0	1.979969	0	0	0	0.32793323	11.76	0.649297481	0	0.64929748
260	22	0	0	1.736728	0	0	0	0.33870414	11.76	0.588237104	0	0.5882371
260	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
260	24	0	0.124	0.972885	0	0	0	0.35979209	11.76	0.350036201	0	0.3500362
261	1	0	0.219	0.794116	0	0	0	0.36995279	11.76	0.293785285	0	0.29378528
261	2	0	0.287	0.758904	0	0	0	0.38485579	11.76	0.29206868	0	0.29206868
261	3	0	0.304	0.771429	0	0	0	0.39820975	11.76	0.307190407	0	0.30719041
261	4	0	0.29	0.842651	0	0	0	0.39654352	11.76	0.334147845	0	0.33414785
261	5	0	0.301	1.020659	0	0	0	0.37931575	11.76	0.387152069	0	0.38715207
261	6	0	0.289	1.367058	0	0	0	0.36451506	11.76	0.498313075	0	0.49831307
261	7	0	0.264	1.809604	0	0	0	0.28554767	11.76	0.51672818	0	0.51672818
261	8	0	0.212	1.550342	0	0	0	0.2725578	11.76	0.422557921	0	0.42255792
261	9	0	0	1.365514	0	0	0	0.26488119	11.76	0.361698863	0	0.36169886
261	10	0	0	1.337332	0	0	0	0.25568257	11.76	0.34193249	0	0.34193249
261	11	0	0	1.216327	0	0	0	0.24108249	11.76	0.293235247	0	0.29323525
261	12	0	0	1.180866	0	0	0	0.23516087	11.76	0.277693583	0	0.27769358
261	13	0	0	1.09718	0	0	0	0.22161006	11.76	0.243146106	0	0.24314611
261	14	0	0	1.035062	0	0	0	0.2146921	11.76	0.22221968	0	0.22221968
261	15	0	0	1.122726	0	0	0	0.21587876	11.76	0.242372641	0	0.24237264
261	16	0	0	1.24144	0	0	0	0.22383114	11.76	0.277872892	0	0.27787289
261	17	0	0	1.496949	0	0	0	0.29135328	11.76	0.436141027	0	0.43614103
261	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
261	19	0	0	1.893834	0	0	0	0.31775268	11.76	0.601770949	0	0.60177095
261	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
261	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
261	22	0	0	1.735728	0	0	0	0.33870414	11.76	0.587898384	0	0.58789838
261	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
261	24	0	0	0.894885	0	0	0	0.35979209	11.76	0.321972437	0	0.32197244
262	1	0	0.195	0.770116	0	0	0	0.36995279	11.76	0.284906422	0	0.28490642
262	2	0	0.265	0.736904	0	0	0	0.38485579	11.76	0.283601847	0	0.28360185
262	3	0	0.304	0.771429	0	0	0	0.39820975	11.76	0.307190407	0	0.30719041
262	4	0	0.321	0.873651	0	0	0	0.39654352	11.76	0.346440678	0	0.34644068
262	5	0	0.308	1.027659	0	0	0	0.37931575	11.76	0.389807313	0	0.38980731
262	6	0	0.296	1.374058	0	0	0	0.36451506	11.76	0.500864669	0	0.50086467
262	7	0	0.301	1.846604	0	0	0	0.28554767	11.76	0.527293427	0	0.52729343
262	8	0	0.115	1.453342	0	0	0	0.2725578	11.76	0.396119814	0	0.39611981
262	9	0	0	1.365514	0	0	0	0.26488119	11.76	0.361698863	0	0.36169886
262	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
262	11	0	0	1.168327	0	0	0	0.24108249	11.76	0.281663264	0	0.28166326
262	12	0	0	1.132867	0	0	0	0.23516087	11.76	0.266405867	0	0.26640587
262	13	0	0	1.09618	0	0	0	0.22161006	11.76	0.242924512	0	0.24292451
262	14	0	0	1.034062	0	0	0	0.2146921	11.76	0.222004978	0	0.22200498
262	15	0	0	1.122726	0	0	0	0.21587876	11.76	0.242372641	0	0.24237264
262	16	0	0	1.24044	0	0	0	0.22383114	11.76	0.27764905	0	0.27764905
262	17	0	0	1.495949	0	0	0	0.29135328	11.76	0.435849661	0	0.43584966
262	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
262	19	0	0	1.892834	0	0	0	0.31775268	11.76	0.601453143	0	0.60145314
262	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
262	21	0	0	1.932969	0	0	0	0.32793323	11.76	0.633884642	0	0.63388464
262	22	0	0	1.735728	0	0	0	0.33870414	11.76	0.587898384	0	0.58789838
262	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
262	24	0	0	0.893885	0	0	0	0.35979209	11.76	0.321612628	0	0.32161263
263	1	0	0.103	0.677116	0	0	0	0.36995279	11.76	0.250500814	0	0.25050081
263	2	0	0.301	0.772904	0	0	0	0.38485579	11.76	0.297456661	0	0.29745666
263	3	0	0.428	0.895429	0	0	0	0.39820975	11.76	0.356568421	0	0.35656842
263	4	0	0.52	1.072651	0	0	0	0.39654352	11.76	0.425352862	0	0.42535286
263	5	0	0.586	1.305659	0	0	0	0.37931575	11.76	0.49525709	0	0.49525709
263	6	0	0.596	1.674058	0	0	0	0.36451506	11.76	0.610219214	0	0.61021921
263	7	0	0.323	1.868604	0	0	0	0.28554767	11.76	0.533575496	0	0.5335755
263	8	0	0	1.384342	0	0	0	0.2725578	11.76	0.377313325	0	0.37731332
263	9	0	0	1.365514	0	0	0	0.26488119	11.76	0.361698863	0	0.36169886
263	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
263	11	0	0	1.167327	0	0	0	0.24108249	11.76	0.281422199	0	0.2814222
263	12	0	0	1.132867	0	0	0	0.23516087	11.76	0.266405867	0	0.26640587
263	13	0	0	1.09618	0	0	0	0.22161006	11.76	0.242924512	0	0.24292451
263	14	0	0	1.034062	0	0	0	0.2146921	11.76	0.222004978	0	0.22200498
263	15	0	0	1.122726	0	0	0	0.21587876	11.76	0.242372641	0	0.24237264
263	16	0	0	1.24044	0	0	0	0.22383114	11.76	0.27764905	0	0.27764905
263	17	0	0	1.494949	0	0	0	0.29135328	11.76	0.435558328	0	0.43555833
263	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
263	19	0	0	1.892834	0	0	0	0.31775268	11.76	0.601453143	0	0.60145314
263	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
263	21	0	0	1.932969	0	0	0	0.32793323	11.76	0.633884642	0	0.63388464
263	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
263	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
263	24	0	0	0.893885	0	0	0	0.35979209	11.76	0.321612628	0	0.32161263
264	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
264	2	0	0	0.517904	0	0	0	0.38485579	11.76	0.199318437	0	0.19931844
264	3	0	0.091	0.558429	0	0	0	0.39820975	11.76	0.222371731	0	0.22237173
264	4	0	0.159	0.711651	0	0	0	0.39654352	11.76	0.282200627	0	0.28220063
264	5	0	0.21	0.929659	0	0	0	0.37931575	11.76	0.35263435	0	0.35263435
264	6	0	0.239	1.317058	0	0	0	0.36451506	11.76	0.480087339	0	0.48008734
264	7	0	0.27	1.815604	0	0	0	0.28554767	11.76	0.518441478	0	0.51844148
264	8	0	0.268	1.606342	0	0	0	0.2725578	11.76	0.437821157	0	0.43782116
264	9	0	0.265	1.584514	0	0	0	0.26488119	11.76	0.419707872	0	0.41970787
264	10	0	0.175	1.466332	0	0	0	0.25568257	11.76	0.374915559	0	0.37491556
264	11	0	0	1.216327	0	0	0	0.24108249	11.76	0.293235247	0	0.29323525
264	12	0	0	1.180866	0	0	0	0.23516087	11.76	0.277693583	0	0.27769358
264	13	0	0	1.14318	0	0	0	0.22161006	11.76	0.253340169	0	0.25334017

264	14	0	0	1.035062	0	0	0	0.2146921	11.76	0.22221968	0	0.22221968
264	15	0	0	1.122726	0	0	0	0.21587876	11.76	0.242372641	0	0.24237264
264	16	0	0	1.24144	0	0	0	0.22383114	11.76	0.277872892	0	0.27787289
264	17	0	0	1.496949	0	0	0	0.29135328	11.76	0.436141027	0	0.43614103
264	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
264	19	0	0	1.893834	0	0	0	0.31775268	11.76	0.601770949	0	0.60177095
264	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
264	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
264	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
264	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
264	24	0	0	0.893885	0	0	0	0.35979209	11.76	0.321612628	0	0.32161263
265	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
265	2	0	0.105	0.576904	0	0	0	0.38485579	11.76	0.222024934	0	0.22202493
265	3	0	0.212	0.679429	0	0	0	0.39820975	11.76	0.270555131	0	0.27055513
265	4	0	0.3	0.852651	0	0	0	0.39654352	11.76	0.338113277	0	0.33811328
265	5	0	0.295	1.014659	0	0	0	0.37931575	11.76	0.384876204	0	0.3848762
265	6	0	0.313	1.391057	0	0	0	0.36451506	11.76	0.50706141	0	0.50706141
265	7	0	0.224	1.769604	0	0	0	0.28554767	11.76	0.505306284	0	0.50530628
265	8	0	0.12	1.458342	0	0	0	0.2725578	11.76	0.397482602	0	0.3974826
265	9	0	0	1.365514	0	0	0	0.26488119	11.76	0.361698863	0	0.36169886
265	10	0	0	1.291332	0	0	0	0.25568257	11.76	0.330171091	0	0.33017109
265	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
265	12	0	0	1.179866	0	0	0	0.23516087	11.76	0.277458412	0	0.27745841
265	13	0	0	1.09418	0	0	0	0.22161006	11.76	0.242481271	0	0.24248127
265	14	0	0	1.079062	0	0	0	0.2146921	11.76	0.231666113	0	0.23166611
265	15	0	0	1.117726	0	0	0	0.21587876	11.76	0.241293248	0	0.24129325
265	16	1.481	0	2.71844	0	0	0	0.22383114	11.76	0.608471488	0	0.60847149
265	17	1.632	0	3.123949	0	0	0	0.29135328	11.76	0.910172811	0	0.91017281
265	18	0	0	1.839422	0	0	0	0.33250843	11.76	0.611623483	0	0.61162348
265	19	0	0	1.890834	0	0	0	0.31775268	11.76	0.600817684	0	0.60081768
265	20	0	0	1.976975	0	0	0	0.32053561	11.76	0.633690914	0	0.63369091
265	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
265	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
265	23	0	0	1.278	0	0	0	0.34965758	11.76	0.446862392	0	0.44686239
265	24	0	0	0.847885	0	0	0	0.35979209	11.76	0.30506219	0	0.30506219
266	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
266	2	0	0	0.516904	0	0	0	0.38485579	11.76	0.198933586	0	0.19893359
266	3	0	0	0.513429	0	0	0	0.39820975	11.76	0.204452285	0	0.20445229
266	4	0	0	0.598651	0	0	0	0.39654352	11.76	0.237391219	0	0.23739122
266	5	0	0.129	0.848659	0	0	0	0.37931575	11.76	0.321909786	0	0.32190979
266	6	0	0.166	1.244058	0	0	0	0.36451506	11.76	0.453477712	0	0.45347771
266	7	0	0.087	1.632604	0	0	0	0.28554767	11.76	0.46618623	0	0.46618623
266	8	0	0	1.384342	0	0	0	0.2725578	11.76	0.377313325	0	0.37731332
266	9	0	0	1.318514	0	0	0	0.26488119	11.76	0.349249465	0	0.34924947
266	10	0	0	1.290332	0	0	0	0.25568257	11.76	0.329915427	0	0.32991543
266	11	0	0	1.169327	0	0	0	0.24108249	11.76	0.281904357	0	0.28190436
266	12	0	0	1.178867	0	0	0	0.23516087	11.76	0.277223268	0	0.27722327
266	13	0	0	1.09318	0	0	0	0.22161006	11.76	0.242259677	0	0.24225968
266	14	0.703	0	1.735062	0	0	0	0.2146921	11.76	0.372504137	0	0.37250414
266	15	1.35	0	2.467726	0	0	0	0.21587876	11.76	0.532729583	0	0.53272958
266	16	1.66	0	2.89644	0	0	0	0.22383114	11.76	0.648313425	0	0.64831343
266	17	1.705	0	3.196949	0	0	0	0.29135328	11.76	0.931441587	0	0.93144159
266	18	1.121	0	2.960423	0	0	0	0.33250843	11.76	0.984365455	0	0.98436546
266	19	0	0	1.888834	0	0	0	0.31775268	11.76	0.600182149	0	0.60018215
266	20	0	0	1.977975	0	0	0	0.32053561	11.76	0.634011465	0	0.63401147
266	21	0	0	1.931969	0	0	0	0.32793323	11.76	0.633556693	0	0.63355669
266	22	0	0	1.689728	0	0	0	0.33870414	11.76	0.572317992	0	0.57231799
266	23	0	0	1.278	0	0	0	0.34965758	11.76	0.446862392	0	0.44686239
266	24	0	0	0.847885	0	0	0	0.35979209	11.76	0.30506219	0	0.30506219
267	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
267	2	0	0	0.516904	0	0	0	0.38485579	11.76	0.198933586	0	0.19893359
267	3	0	0	0.513429	0	0	0	0.39820975	11.76	0.204452285	0	0.20445229
267	4	0	0	0.598651	0	0	0	0.39654352	11.76	0.237391219	0	0.23739122
267	5	0	0.147	0.866659	0	0	0	0.37931575	11.76	0.328737472	0	0.32873747
267	6	0	0.174	1.252058	0	0	0	0.36451506	11.76	0.456393839	0	0.45639384
267	7	0	0.179	1.724604	0	0	0	0.28554767	11.76	0.492456617	0	0.49245662
267	8	0	0.162	1.500342	0	0	0	0.2725578	11.76	0.408930012	0	0.40893001
267	9	0	0.105	1.424514	0	0	0	0.26488119	11.76	0.377326858	0	0.37732686
267	10	0	0	1.337332	0	0	0	0.25568257	11.76	0.34193249	0	0.34193249
267	11	0	0	1.216327	0	0	0	0.24108249	11.76	0.293235247	0	0.29323525
267	12	0	0	1.180866	0	0	0	0.23516087	11.76	0.277693583	0	0.27769358
267	13	0	0	1.14318	0	0	0	0.22161006	11.76	0.253340169	0	0.25334017
267	14	0	0	1.035062	0	0	0	0.2146921	11.76	0.22221968	0	0.22221968
267	15	0	0	1.122726	0	0	0	0.21587876	11.76	0.242372641	0	0.24237264
267	16	0	0	1.24144	0	0	0	0.22383114	11.76	0.277872892	0	0.27787289
267	17	0	0	1.496949	0	0	0	0.29135328	11.76	0.436141027	0	0.43614103
267	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
267	19	0	0	1.893834	0	0	0	0.31775268	11.76	0.601770949	0	0.60177095
267	20	0	0	1.978975	0	0	0	0.32053561	11.76	0.634331977	0	0.63433198
267	21	0	0	1.933969	0	0	0	0.32793323	11.76	0.634212551	0	0.63421255
267	22	0	0	1.735728	0	0	0	0.33870414	11.76	0.587898384	0	0.58789838
267	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
267	24	0	0	0.893885	0	0	0	0.35979209	11.76	0.321612628	0	0.32161263
268	1	0	0	0.620116	0	0	0	0.36995279	11.76	0.229413512	0	0.22941351
268	2	0	0.141	0.612904	0	0	0	0.38485579	11.76	0.235879725	0	0.23587972
268	3	0	0.224	0.691429	0	0	0	0.39820975	11.76	0.275333634	0	0.27533363
268	4	0	0.238	0.790651	0	0	0	0.39654352	11.76	0.313527564	0	0.31352756
268	5	0	0.199	0.918659	0	0	0	0.37931575	11.76	0.348461885	0	0.34846189
268	6	0	0.201	1.279058	0	0	0	0.36451506	11.76	0.466235727	0	0.46623573
268	7	0	0.206	1.751604	0	0	0	0.28554767	11.76	0.500166424	0	0.50016642
268	8	0	0.197	1.535342	0	0	0	0.2725578	11.76	0.418469558	0	0.41846956
268	9	0	0.084	1.403514	0	0	0	0.26488119	11.76	0.371764377	0	0.37176438
268	10	0	0	1.337332	0	0	0	0.25568257	11.76	0.34193249	0	0.34193249
268	11	0	0	1.216327	0	0	0	0.24108249	11.76	0.293235247	0	0.29323525
268	12	0	0	1.180866	0	0	0	0.23516087	11.76	0.277693583	0	0.27769358
268	13	0	0	1.14318	0	0	0	0.22161006	11.76	0.253340169	0	0.25334017
268	14	0	0	1.082062	0	0	0	0.2146921	11.76	0.232310194	0	0.23231019
268	15	0	0	1.169726	0	0	0	0.21587876	11.76	0.252518953	0	0.25251895
268	16	0	0	1.28744	0	0	0	0.22383114	11.76	0.288169125	0	0.28816913
268	17	0	0	1.542949	0	0	0	0.29135328	11.76	0.44954328	0	0.44954328
268	18	0	0	1.890422	0	0	0	0.33250843	11.76	0.628581413	0	0.62858141
268	19	0	0	1.939834	0	0	0	0.31775268	11.76	0.616387535	0	0.61638754
268	20	0	0	2.025975	0	0	0	0.32053561	11.76	0.649397129	0	0.64939713
268	21	0	0	1.979969	0	0	0	0.32793323	11.76	0.649297481	0	0.64929748
268	22	0	0	1.736728	0	0	0	0.33870414	11.76	0.588237104	0	0.5882371
268	23	0	0	1.325	0	0	0	0.34965758	11.76	0.463296316	0	0.46329632
268	24	0	0.125	0.973885	0	0	0	0.35979209	11.76	0.35039601	0	0.35039601
269	1	0	0.197	0.772116	0	0	0	0.36995279	11.76	0.285646318	0	0.28564632
269	2	0	0.256	0.727904	0	0	0	0.38485579	11.76	0.280138144	0	0.28013814
269	3	0	0.276	0.743429	0	0	0	0.39820975	11.76	0.296040535	0	0.29604054
269	4	0	0.277	0.829651	0	0	0	0.39654352	11.76	0.328992775	0	0.32899277

269	5	0	0.259	0.978659	0	0	0	0.37931575	11.76	0.371220831	0	0.37122083
269	6	0	0.238	1.316058	0	0	0	0.36451506	11.76	0.479722807	0	0.47972281
269	7	0	0.25	1.795604	0	0	0	0.28554767	11.76	0.51273053	0	0.51273053
269	8	0	0.281	1.619342	0	0	0	0.2725578	11.76	0.441364411	0	0.44136441
269	9	0	0.232	1.551514	0	0	0	0.26488119	11.76	0.410966794	0	0.41096679
269	10	0	0.21	1.501332	0	0	0	0.25568257	11.76	0.383864441	0	0.38386444
269	11	0	0.173	1.343327	0	0	0	0.24108249	11.76	0.323852717	0	0.32385272
269	12	0	0.081	1.215866	0	0	0	0.23516087	11.76	0.285924206	0	0.28592421
269	13	0	0	1.14418	0	0	0	0.22161006	11.76	0.25356179	0	0.25356179
269	14	0	0.145	1.181062	0	0	0	0.2146921	11.76	0.253564733	0	0.25356473
269	15	0	0.09	1.214726	0	0	0	0.21587876	11.76	0.262233488	0	0.26223349
269	16	0	0	1.28844	0	0	0	0.22383114	11.76	0.28839294	0	0.28839294
269	17	0	0	1.496949	0	0	0	0.29135328	11.76	0.436141027	0	0.43614103
269	18	0	0	1.844422	0	0	0	0.33250843	11.76	0.613286024	0	0.61328602
269	19	0	0	1.893834	0	0	0	0.31775268	11.76	0.601770949	0	0.60177095
269	20	0	0	2.024975	0	0	0	0.32053561	11.76	0.649076617	0	0.64907662
269	21	0	0	1.979969	0	0	0	0.32793323	11.76	0.649297481	0	0.64929748
269	22	0	0	1.736728	0	0	0	0.33870414	11.76	0.588237104	0	0.5882371
269	23	0	0.252	1.531	0	0	0	0.34965758	11.76	0.535325768	0	0.53532577
269	24	0	0.421	1.269885	0	0	0	0.35979209	11.76	0.45689447	0	0.45689447
270	1	0	0.653	1.228116	0	0	0	0.36995279	11.76	0.45434478	0	0.45434478
270	2	0	0.764	1.235904	0	0	0	0.38485579	11.76	0.47564489	0	0.47564489
270	3	0	0.84	1.307429	0	0	0	0.39820975	11.76	0.520630814	0	0.52063081
270	4	0	1.014	1.566651	0	0	0	0.39654352	11.76	0.621245345	0	0.62124535
270	5	0	0.983	1.702659	0	0	0	0.37931575	11.76	0.645845426	0	0.64584543
270	6	0	0.792	1.870058	0	0	0	0.36451506	11.76	0.681664159	0	0.68166416
270	7	0	0.671	2.216604	0	0	0	0.28554767	11.76	0.632946099	0	0.6329461
270	8	0	0.545	1.883343	0	0	0	0.2725578	11.76	0.513319686	0	0.51331969
270	9	0	0.174	1.493514	0	0	0	0.26488119	11.76	0.395603662	0	0.39560366
270	10	0	0.114	1.405332	0	0	0	0.25568257	11.76	0.359318925	0	0.35931892
270	11	0	0	1.216327	0	0	0	0.24108249	11.76	0.293235247	0	0.29323525
270	12	0	0	1.179866	0	0	0	0.23516087	11.76	0.277458412	0	0.27745841
270	13	0	0	1.14318	0	0	0	0.22161006	11.76	0.253340169	0	0.25334017
270	14	0	0	1.034062	0	0	0	0.2146921	11.76	0.222004978	0	0.22200498
270	15	0	0	1.121726	0	0	0	0.21587876	11.76	0.242156777	0	0.24215678
270	16	0	0	1.24044	0	0	0	0.22383114	11.76	0.27764905	0	0.27764905
270	17	0	0	1.495949	0	0	0	0.29135328	11.76	0.435849661	0	0.43584966
270	18	0	0	1.843422	0	0	0	0.33250843	11.76	0.6129535	0	0.6129535
270	19	0	0	1.937834	0	0	0	0.31775268	11.76	0.615752038	0	0.61575204
270	20	0	0	2.023975	0	0	0	0.32053561	11.76	0.648756104	0	0.6487561
270	21	0	0	1.978969	0	0	0	0.32793323	11.76	0.648969572	0	0.64896957
270	22	0	0	1.735728	0	0	0	0.33870414	11.76	0.587898384	0	0.58789838
270	23	0	0	1.324	0	0	0	0.34965758	11.76	0.462946642	0	0.46294664
270	24	0	0.224	1.072885	0	0	0	0.35979209	11.76	0.386015419	0	0.38601542
271	1	0	0.348	0.923116	0	0	0	0.36995279	11.76	0.341509198	0	0.3415092
271	2	0	0.527	0.998904	0	0	0	0.38485579	11.76	0.384434073	0	0.38443407
271	3	0	0.695	1.162429	0	0	0	0.39820975	11.76	0.462890408	0	0.46289041
271	4	0	0.711	1.263651	0	0	0	0.39654352	11.76	0.501092669	0	0.50109267
271	5	0	0.745	1.464659	0	0	0	0.37931575	11.76	0.555568264	0	0.55556826
271	6	0	0.754	1.832058	0	0	0	0.36451506	11.76	0.667812591	0	0.66781259
271	7	0	0.626	2.171604	0	0	0	0.28554767	11.76	0.620096432	0	0.62009643
271	8	0	0.215	1.553342	0	0	0	0.2725578	11.76	0.423375601	0	0.4233756
271	9	0	0	1.365514	0	0	0	0.26488119	11.76	0.361698863	0	0.36169886
271	10	0	0	1.337332	0	0	0	0.25568257	11.76	0.34193249	0	0.34193249
271	11	0	0	1.214327	0	0	0	0.24108249	11.76	0.292753059	0	0.29275306
271	12	0	0	1.178867	0	0	0	0.23516087	11.76	0.277223268	0	0.27722327
271	13	0	0	1.09418	0	0	0	0.22161006	11.76	0.242481271	0	0.24248127
271	14	0	0	1.032062	0	0	0	0.2146921	11.76	0.221575599	0	0.2215756
271	15	0	0	1.119726	0	0	0	0.21587876	11.76	0.241725	0	0.241725
271	16	0	0	1.23844	0	0	0	0.22383114	11.76	0.277201394	0	0.27720139
271	17	0	0	1.493949	0	0	0	0.29135328	11.76	0.435266962	0	0.43526696
271	18	0	0	1.841422	0	0	0	0.33250843	11.76	0.612288492	0	0.61228849
271	19	0	0	1.890834	0	0	0	0.31775268	11.76	0.600817684	0	0.60081768
271	20	0	0	1.975975	0	0	0	0.32053561	11.76	0.633370364	0	0.63337036
271	21	0	0	1.930969	0	0	0	0.32793323	11.76	0.633228784	0	0.63322878
271	22	0	0	1.733728	0	0	0	0.33870414	11.76	0.587220984	0	0.58722098
271	23	0	0	1.322	0	0	0	0.34965758	11.76	0.462247336	0	0.46224734
271	24	0	0	0.891885	0	0	0	0.35979209	11.76	0.320893053	0	0.32089305
272	1	0	0	0.619116	0	0	0	0.36995279	11.76	0.229043542	0	0.22904354
272	2	0	0	0.516904	0	0	0	0.38485579	11.76	0.198933586	0	0.19893359
272	3	0	0	0.513429	0	0	0	0.39820975	11.76	0.204452285	0	0.20445229
272	4	0	0.147	0.699651	0	0	0	0.39654352	11.76	0.277442119	0	0.27744212
272	5	0	0.216	0.935659	0	0	0	0.37931575	11.76	0.354910261	0	0.35491026
272	6	0	0.309	1.387058	0	0	0	0.36451506	11.76	0.505603369	0	0.50560337
272	7	0	0.279	1.824604	0	0	0	0.28554767	11.76	0.521011391	0	0.52101139
272	8	0	0.218	1.556342	0	0	0	0.2725578	11.76	0.424193247	0	0.42419325
272	9	0	0.088	1.407514	0	0	0	0.26488119	11.76	0.372823888	0	0.37282389
272	10	0	0	1.337332	0	0	0	0.25568257	11.76	0.34193249	0	0.34193249
272	11	0	0	1.215327	0	0	0	0.24108249	11.76	0.292994153	0	0.29299415
272	12	0	0	1.179866	0	0	0	0.23516087	11.76	0.277458412	0	0.27745841
272	13	0	0	1.14218	0	0	0	0.22161006	11.76	0.253118575	0	0.25311858
272	14	0	0	1.033062	0	0	0	0.2146921	11.76	0.221790301	0	0.2217903
272	15	0	0	1.120726	0	0	0	0.21587876	11.76	0.241940889	0	0.24194089
272	16	0	0	1.23844	0	0	0	0.22383114	11.76	0.277201394	0	0.27720139
272	17	0	0	1.493949	0	0	0	0.29135328	11.76	0.435266962	0	0.43526696
272	18	0	0	1.842422	0	0	0	0.33250843	11.76	0.612621016	0	0.61262102
272	19	0	0	1.891834	0	0	0	0.31775268	11.76	0.601135413	0	0.60113541
272	20	0	0	1.976975	0	0	0	0.32053561	11.76	0.633690914	0	0.63369091
272	21	0	0	1.931969	0	0	0	0.32793323	11.76	0.633556693	0	0.63355669
272	22	0	0	1.733728	0	0	0	0.33870414	11.76	0.587220984	0	0.58722098
272	23	0	0	1.322	0	0	0	0.34965758	11.76	0.462247336	0	0.46224734
272	24	0	0	0.892885	0	0	0	0.35979209	11.76	0.32125284	0	0.32125284
273	1	0	0	0.619116	0	0	0	0.36995279	11.76	0.229043542	0	0.22904354
273	2	0	0	0.516904	0	0	0	0.38485579	11.76	0.198933586	0	0.19893359
273	3	0	0	0.513429	0	0	0	0.39820975	11.76	0.204452285	0	0.20445229
273	4	0	0.139	0.691651	0	0	0	0.39654352	11.76	0.274269765	0	0.27426976
273	5	0	0.263	0.982659	0	0	0	0.37931575	11.76	0.372738097	0	0.3727381
273	6	0	0.3	1.378058	0	0	0	0.36451506	11.76	0.502322754	0	0.50232275
273	7	0	0.367	1.912604	0	0	0	0.28554767	11.76	0.546139568	0	0.54613957
273	8	0	0.343	1.681342	0	0	0	0.2725578	11.76	0.458262972	0	0.45826297
273	9	0	0.293	1.612514	0	0	0	0.26488119	11.76	0.427124544	0	0.42712454
273	10	0	0.253	1.544332	0	0	0	0.25568257	11.76	0.394858787	0	0.39485879
273	11	0	0.137	1.307327	0	0	0	0.24108249	11.76	0.315173744	0	0.31517374
273	12	0	0	1.180866	0	0	0	0.23516087	11.76	0.277693583	0	0.27769358
273	13	0	0	1.14418	0	0	0	0.22161006	11.76	0.25356179	0	0.25356179
273	14	0	0	1.081062	0	0	0	0.2146921	11.76	0.232095518	0	0.23209552
273	15	0	0	1.121726	0	0	0	0.21587876	11.76	0.242156777	0	0.24215678
273	16	0	0	1.23944	0	0	0	0.22383114	11.76	0.277425209	0	0.27742521
273	17	0	0	1.494949	0	0	0	0.29135328	11.76	0.435558328	0	0.43555833
273	18	0	0	1.843422	0	0	0	0.33250843	11.76	0.6129535	0	0.6129535
273	19	0	0	1.891834	0	0	0	0.31775268	11.76	0.601135413	0	0.60113541

273	20	0	0	1.977975	0	0	0	0.32053561	11.76	0.634011465	0	0.63401147
273	21	0	0	1.931969	0	0	0	0.32793323	11.76	0.633556693	0	0.63355669
273	22	0	0	1.734728	0	0	0	0.33870414	11.76	0.587559704	0	0.5875597
273	23	0	0	1.323	0	0	0	0.34965758	11.76	0.46259701	0	0.46259701
273	24	0	0	0.892885	0	0	0	0.35979209	11.76	0.32125284	0	0.32125284
274	1	0	0	0.622116	0	0	0	0.29108796	11.76	0.181090367	0	0.18109037
274	2	0	0	0.516904	0	0	0	0.29386856	11.76	0.151901906	0	0.15190191
274	3	0	0	0.513429	0	0	0	0.29293781	11.76	0.150402659	0	0.15040266
274	4	0	0	0.598651	0	0	0	0.2976441	11.76	0.178184969	0	0.17818497
274	5	0	0	0.771659	0	0	0	0.28970147	11.76	0.223550783	0	0.22355078
274	6	0	0	1.135058	0	0	0	0.2796389	11.76	0.317406255	0	0.31740625
274	7	0	0	1.621604	0	0	0	0.22769829	11.76	0.369236455	0	0.36923645
274	8	0	0	1.408342	0	0	0	0.19712321	11.76	0.277616974	0	0.27761697
274	9	0	0	1.390514	0	0	0	0.19986589	11.76	0.277916256	0	0.27791626
274	10	0	0	1.361332	0	0	0	0.19916422	11.76	0.271128642	0	0.27112864
274	11	0	0	1.237327	0	0	0	0.18768317	11.76	0.232225513	0	0.23222551
274	12	0	0	1.198866	0	0	0	0.1963563	11.76	0.235404991	0	0.23540499
274	13	0	0	1.11318	0	0	0	0.20014778	11.76	0.22280049	0	0.22280049
274	14	0	0	1.049062	0	0	0	0.18697373	11.76	0.196147062	0	0.19614706
274	15	0	0	1.135726	0	0	0	0.18362853	11.76	0.208551651	0	0.20855165
274	16	0	0	1.25644	0	0	0	0.22121386	11.76	0.277941897	0	0.2779419
274	17	0	0	1.515949	0	0	0	0.26865289	11.76	0.407264087	0	0.40726409
274	18	0	0	1.867422	0	0	0	0.26834266	11.76	0.501109103	0	0.5011091
274	19	0	0	1.918834	0	0	0	0.26786701	11.76	0.513992382	0	0.51399238
274	20	0	0	2.001975	0	0	0	0.26961615	11.76	0.539764812	0	0.53976481
274	21	0	0	1.953969	0	0	0	0.27477845	11.76	0.536908474	0	0.53690847
274	22	0	0	1.753728	0	0	0	0.27314325	11.76	0.479019067	0	0.47901907
274	23	0	0	1.34	0	0	0	0.28199073	11.76	0.377867587	0	0.37786759
274	24	0	0	0.899885	0	0	0	0.289679	11.76	0.260677702	0	0.2606777
275	1	0	0.13	0.707116	0	0	0	0.29108796	11.76	0.205832837	0	0.20583284
275	2	0	0.353	0.824904	0	0	0	0.29386856	11.76	0.242413415	0	0.24241341
275	3	0	0.466	0.933429	0	0	0	0.29293781	11.76	0.273436544	0	0.27343654
275	4	0	0.614	1.166651	0	0	0	0.2976441	11.76	0.347246787	0	0.34724679
275	5	0	0.596	1.321659	0	0	0	0.28970147	11.76	0.382886575	0	0.38288658
275	6	0	0.623	1.713058	0	0	0	0.2796389	11.76	0.479037527	0	0.47903753
275	7	0	0.53	2.105604	0	0	0	0.22769829	11.76	0.479442421	0	0.47944242
275	8	0	0.349	1.711342	0	0	0	0.19712321	11.76	0.337345326	0	0.33734533
275	9	0	0.139	1.483514	0	0	0	0.19986589	11.76	0.296503771	0	0.29650377
275	10	0	0	1.361332	0	0	0	0.19916422	11.76	0.271128642	0	0.27112864
275	11	0	0	1.237327	0	0	0	0.18768317	11.76	0.232225513	0	0.23222551
275	12	0	0	1.152866	0	0	0	0.1963563	11.76	0.226372601	0	0.2263726
275	13	0	0	1.11318	0	0	0	0.20014778	11.76	0.22280049	0	0.22280049
275	14	0	0	1.049062	0	0	0	0.18697373	11.76	0.196147062	0	0.19614706
275	15	0	0	1.136726	0	0	0	0.18362853	11.76	0.208735266	0	0.20873527
275	16	0	0	1.25644	0	0	0	0.22121386	11.76	0.277941897	0	0.2779419
275	17	0	0	1.515949	0	0	0	0.26865289	11.76	0.407264087	0	0.40726409
275	18	0	0	1.867422	0	0	0	0.26834266	11.76	0.501109103	0	0.5011091
275	19	0	0	1.918834	0	0	0	0.26786701	11.76	0.513992382	0	0.51399238
275	20	0	0	2.001975	0	0	0	0.26961615	11.76	0.539764812	0	0.53976481
275	21	0	0	1.999969	0	0	0	0.27477845	11.76	0.549548284	0	0.54954828
275	22	0	0	1.753728	0	0	0	0.27314325	11.76	0.479019067	0	0.47901907
275	23	0	0	1.34	0	0	0	0.28199073	11.76	0.377867587	0	0.37786759
275	24	0	0.174	1.028885	0	0	0	0.289679	11.76	0.298046278	0	0.29804628
276	1	0	0.399	0.977116	0	0	0	0.29108796	11.76	0.284426599	0	0.2844266
276	2	0	0.492	0.963904	0	0	0	0.29386856	11.76	0.283261162	0	0.28326116
276	3	0	0.605	1.072429	0	0	0	0.29293781	11.76	0.314154917	0	0.31415492
276	4	0	0.635	1.187651	0	0	0	0.2976441	11.76	0.353497356	0	0.35349736
276	5	0	0.829	1.554659	0	0	0	0.28970147	11.76	0.450387029	0	0.45038703
276	6	0	0.73	1.820058	0	0	0	0.2796389	11.76	0.508958888	0	0.50895889
276	7	0	0.577	2.152604	0	0	0	0.22769829	11.76	0.49014428	0	0.49014428
276	8	0	0	1.408342	0	0	0	0.19712321	11.76	0.277616974	0	0.27761697
276	9	0	0	1.390514	0	0	0	0.19986589	11.76	0.277916256	0	0.27791626
276	10	0	0	1.314332	0	0	0	0.19916422	11.76	0.261767913	0	0.26176791
276	11	0	0	1.190327	0	0	0	0.18768317	11.76	0.223404417	0	0.22340442
276	12	0	0	1.152866	0	0	0	0.1963563	11.76	0.226372601	0	0.2263726
276	13	0	0	1.11318	0	0	0	0.20014778	11.76	0.22280049	0	0.22280049
276	14	0	0	1.049062	0	0	0	0.18697373	11.76	0.196147062	0	0.19614706
276	15	0	0	1.135726	0	0	0	0.18362853	11.76	0.208551651	0	0.20855165
276	16	0	0	1.25644	0	0	0	0.22121386	11.76	0.277941897	0	0.2779419
276	17	0	0	1.515949	0	0	0	0.26865289	11.76	0.407264087	0	0.40726409
276	18	0	0	1.867422	0	0	0	0.26834266	11.76	0.501109103	0	0.5011091
276	19	0	0	1.918834	0	0	0	0.26786701	11.76	0.513992382	0	0.51399238
276	20	0	0	2.001975	0	0	0	0.26961615	11.76	0.539764812	0	0.53976481
276	21	0	0	1.953969	0	0	0	0.27477845	11.76	0.536908474	0	0.53690847
276	22	0	0	1.753728	0	0	0	0.27314325	11.76	0.479019067	0	0.47901907
276	23	0	0	1.339	0	0	0	0.28199073	11.76	0.377585583	0	0.37758558
276	24	0	0	0.900885	0	0	0	0.289679	11.76	0.260967377	0	0.26096738
277	1	0	0.22	0.798116	0	0	0	0.29108796	11.76	0.232321848	0	0.23232185
277	2	0	0.335	0.806904	0	0	0	0.29386856	11.76	0.237123778	0	0.23712378
277	3	0	0.398	0.865429	0	0	0	0.29293781	11.76	0.253516785	0	0.25351678
277	4	0	0.428	0.980651	0	0	0	0.2976441	11.76	0.291885005	0	0.29188501
277	5	0	0.43	1.155659	0	0	0	0.28970147	11.76	0.334796164	0	0.33479616
277	6	0	0.483	1.573058	0	0	0	0.2796389	11.76	0.439888084	0	0.43988808
277	7	0	0.344	1.919604	0	0	0	0.22769829	11.76	0.437090541	0	0.43709054
277	8	0	0	1.408342	0	0	0	0.19712321	11.76	0.277616974	0	0.27761697
277	9	0	0	1.343514	0	0	0	0.19986589	11.76	0.268522549	0	0.26852255
277	10	0	0	1.314332	0	0	0	0.19916422	11.76	0.261767913	0	0.26176791
277	11	0	0	1.190327	0	0	0	0.18768317	11.76	0.223404417	0	0.22340442
277	12	0	0	1.152866	0	0	0	0.1963563	11.76	0.226372601	0	0.2263726
277	13	0	0	1.11318	0	0	0	0.20014778	11.76	0.22280049	0	0.22280049
277	14	0	0	1.048062	0	0	0	0.18697373	11.76	0.195960079	0	0.19596008
277	15	0	0	1.134726	0	0	0	0.18362853	11.76	0.208368014	0	0.20836801
277	16	0	0	1.25444	0	0	0	0.22121386	11.76	0.277499475	0	0.27749948
277	17	0	0	1.514949	0	0	0	0.26865289	11.76	0.406995454	0	0.40699545
277	18	0	0	1.865422	0	0	0	0.26834266	11.76	0.500572425	0	0.50057242
277	19	0	0	1.918834	0	0	0	0.26786701	11.76	0.513992382	0	0.51399238
277	20	0	0	2.001975	0	0	0	0.26961615	11.76	0.539764812	0	0.53976481
277	21	0	0	1.953969	0	0	0	0.27477845	11.76	0.536908474	0	0.53690847
277	22	0	0	1.707728	0	0	0	0.27314325	11.76	0.466454476	0	0.46645448
277	23	0	0	1.34	0	0	0	0.28199073	11.76	0.377867587	0	0.37786759
277	24	0	0	0.899885	0	0	0	0.289679	11.76	0.260677702	0	0.2606777
278	1	0	0	0.623116	0	0	0	0.29108796	11.76	0.181381451	0	0.18138145
278	2	0	0.217	0.688904	0	0	0	0.29386856	11.76	0.202447296	0	0.2024473
278	3	0	0.419	0.886429	0	0	0	0.29293781	11.76	0.259668452	0	0.25966845
278	4	0	0.589	1.141651	0	0	0	0.2976441	11.76	0.339805727	0	0.33980573
278	5	0	0.699	1.424659	0	0	0	0.28970147	11.76	0.412725839	0	0.41272584
278	6	0	0.724	1.814058	0	0	0	0.2796389	11.76	0.507281076	0	0.50728108
278	7	0	0.59	2.165604	0	0	0	0.22769829	11.76	0.49310436	0	0.49310436
278	8	0	0.156	1.518342	0	0	0	0.19712321	11.76	0.29930053	0	0.29930053
278	9	0	0	1.390514	0	0	0	0.19986589	11.76	0.277916256	0	0.27791626
278	10	0	0	1.315332	0	0	0	0.19916422	11.76	0.261967087	0	0.26196709

278	11	0	0	1.190327	0	0	0	0.18768317	11.76	0.223404417	0	0.22340442
278	12	0	0	1.152866	0	0	0	0.1963563	11.76	0.226372601	0	0.2263726
278	13	0	0	1.11318	0	0	0	0.20014778	11.76	0.22280049	0	0.22280049
278	14	0	0	1.049062	0	0	0	0.18697373	11.76	0.196147062	0	0.19614706
278	15	0	0	1.136726	0	0	0	0.18362853	11.76	0.208735266	0	0.20873527
278	16	0	0	1.25644	0	0	0	0.22121386	11.76	0.277941897	0	0.2779419
278	17	0	0	1.515949	0	0	0	0.26865289	11.76	0.407264087	0	0.40726409
278	18	0	0	1.867422	0	0	0	0.26834266	11.76	0.501109103	0	0.5011091
278	19	0	0	1.918834	0	0	0	0.26786701	11.76	0.513992382	0	0.51399238
278	20	0	0	2.047975	0	0	0	0.26961615	11.76	0.552167156	0	0.55216716
278	21	0	0	1.999969	0	0	0	0.27477845	11.76	0.549548284	0	0.54954828
278	22	0	0	1.754728	0	0	0	0.27314325	11.76	0.479292223	0	0.47929222
278	23	0	0.136	1.43	0	0	0	0.28199073	11.76	0.403246762	0	0.40324676
278	24	0	0.319	1.173885	0	0	0	0.289679	11.76	0.340049728	0	0.34004973
279	1	0	0.439	1.017116	0	0	0	0.29108796	11.76	0.296070107	0	0.29607011
279	2	0	0.545	1.016904	0	0	0	0.29386856	11.76	0.298836188	0	0.29883619
279	3	0	0.475	0.942429	0	0	0	0.29293781	11.76	0.276073003	0	0.276073
279	4	0	0.501	1.053651	0	0	0	0.2976441	11.76	0.313613029	0	0.31361303
279	5	0	0.462	1.187659	0	0	0	0.28970147	11.76	0.344066595	0	0.3440666
279	6	0	0.438	1.528058	0	0	0	0.2796389	11.76	0.427304346	0	0.42730435
279	7	0	0.449	2.024604	0	0	0	0.22769829	11.76	0.460998839	0	0.46099884
279	8	0	0.197	1.559342	0	0	0	0.19712321	11.76	0.307382584	0	0.30738258
279	9	0	0	1.390514	0	0	0	0.19986589	11.76	0.277916256	0	0.27791626
279	10	0	0	1.361332	0	0	0	0.19916422	11.76	0.271128642	0	0.27112864
279	11	0	0	1.190327	0	0	0	0.18768317	11.76	0.223404417	0	0.22340442
279	12	0	0	1.152866	0	0	0	0.1963563	11.76	0.226372601	0	0.2263726
279	13	0	0	1.11318	0	0	0	0.20014778	11.76	0.22280049	0	0.22280049
279	14	0	0	1.049062	0	0	0	0.18697373	11.76	0.196147062	0	0.19614706
279	15	0	0	1.135726	0	0	0	0.18362853	11.76	0.208551651	0	0.20855165
279	16	0	0	1.25644	0	0	0	0.22121386	11.76	0.277941897	0	0.2779419
279	17	0	0	1.515949	0	0	0	0.26865289	11.76	0.407264087	0	0.40726409
279	18	0	0	1.867422	0	0	0	0.26834266	11.76	0.501109103	0	0.5011091
279	19	0	0	1.918834	0	0	0	0.26786701	11.76	0.513992382	0	0.51399238
279	20	0	0	2.001975	0	0	0	0.26961615	11.76	0.539764812	0	0.53976481
279	21	0	0	1.953969	0	0	0	0.27477845	11.76	0.536908474	0	0.53690847
279	22	0	0	1.753728	0	0	0	0.27314325	11.76	0.479019067	0	0.47901907
279	23	0	0	1.34	0	0	0	0.28199073	11.76	0.377867587	0	0.37786759
279	24	0	0.089	0.943885	0	0	0	0.289679	11.76	0.273423569	0	0.27342357
280	1	0	0.291	0.869116	0	0	0	0.29108796	11.76	0.252989105	0	0.25298911
280	2	0	0.411	0.882904	0	0	0	0.29386856	11.76	0.2594578	0	0.2594578
280	3	0	0.487	0.954429	0	0	0	0.29293781	11.76	0.279588246	0	0.27958825
280	4	0	0.552	1.104651	0	0	0	0.2976441	11.76	0.328792877	0	0.32879288
280	5	0	0.572	1.297659	0	0	0	0.28970147	11.76	0.375933761	0	0.37593376
280	6	0	0.651	1.741058	0	0	0	0.2796389	11.76	0.486867449	0	0.48686745
280	7	0	0.586	2.161604	0	0	0	0.22769829	11.76	0.492193524	0	0.49219352
280	8	0	0.103	1.465342	0	0	0	0.19712321	11.76	0.288853005	0	0.288853
280	9	0	0	1.390514	0	0	0	0.19986589	11.76	0.277916256	0	0.27791626
280	10	0	0	1.315332	0	0	0	0.19916422	11.76	0.261967087	0	0.26196709
280	11	0	0	1.190327	0	0	0	0.18768317	11.76	0.223404417	0	0.22340442
280	12	0	0	1.152866	0	0	0	0.1963563	11.76	0.226372601	0	0.2263726
280	13	0	0	1.11318	0	0	0	0.20014778	11.76	0.22280049	0	0.22280049
280	14	0	0	1.049062	0	0	0	0.18697373	11.76	0.196147062	0	0.19614706
280	15	0	0	1.135726	0	0	0	0.18362853	11.76	0.208551651	0	0.20855165
280	16	0	0	1.25644	0	0	0	0.22121386	11.76	0.277941897	0	0.2779419
280	17	0	0	1.515949	0	0	0	0.26865289	11.76	0.407264087	0	0.40726409
280	18	0	0	1.867422	0	0	0	0.26834266	11.76	0.501109103	0	0.5011091
280	19	0	0	1.918834	0	0	0	0.26786701	11.76	0.513992382	0	0.51399238
280	20	0	0	2.001975	0	0	0	0.26961615	11.76	0.539764812	0	0.53976481
280	21	0	0	1.953969	0	0	0	0.27477845	11.76	0.536908474	0	0.53690847
280	22	0	0	1.753728	0	0	0	0.27314325	11.76	0.479019067	0	0.47901907
280	23	0	0	1.34	0	0	0	0.28199073	11.76	0.377867587	0	0.37786759
280	24	0	0.117	0.971885	0	0	0	0.289679	11.76	0.28153458	0	0.28153458
281	1	0	0.331	0.909116	0	0	0	0.29108796	11.76	0.264632613	0	0.26463261
281	2	0	0.541	1.012904	0	0	0	0.29386856	11.76	0.297660694	0	0.29766069
281	3	0	0.623	1.090429	0	0	0	0.29293781	11.76	0.319427799	0	0.3194278
281	4	0	0.673	1.225651	0	0	0	0.2976441	11.76	0.364807793	0	0.36480779
281	5	0	0.576	1.301659	0	0	0	0.28970147	11.76	0.377092552	0	0.37709255
281	6	0	0.627	1.717057	0	0	0	0.2796389	11.76	0.480156068	0	0.48015607
281	7	0	0.655	2.230604	0	0	0	0.22769829	11.76	0.507904708	0	0.50790471
281	8	0	0.42	1.782342	0	0	0	0.19712321	11.76	0.35134107	0	0.35134107
281	9	0	0.411	1.755514	0	0	0	0.19986589	11.76	0.35086731	0	0.35086731
281	10	0	0.243	1.558332	0	0	0	0.19916422	11.76	0.310363999	0	0.310364
281	11	0	0	1.237327	0	0	0	0.18768317	11.76	0.232225513	0	0.23222551
281	12	0	0	1.153867	0	0	0	0.1963563	11.76	0.226568966	0	0.22656897
281	13	0	0	1.11318	0	0	0	0.20014778	11.76	0.22280049	0	0.22280049
281	14	0	0	1.049062	0	0	0	0.18697373	11.76	0.196147062	0	0.19614706
281	15	0	0	1.135726	0	0	0	0.18362853	11.76	0.208551651	0	0.20855165
281	16	0	0	1.25644	0	0	0	0.22121386	11.76	0.277941897	0	0.2779419
281	17	0	0	1.515949	0	0	0	0.26865289	11.76	0.407264087	0	0.40726409
281	18	0	0	1.867422	0	0	0	0.26834266	11.76	0.501109103	0	0.5011091
281	19	0	0	1.917834	0	0	0	0.26786701	11.76	0.513724534	0	0.51372453
281	20	0	0	2.001975	0	0	0	0.26961615	11.76	0.539764812	0	0.53976481
281	21	0	0	1.999969	0	0	0	0.27477845	11.76	0.549548284	0	0.54954828
281	22	0	0	1.753728	0	0	0	0.27314325	11.76	0.479019067	0	0.47901907
281	23	0	0	1.339	0	0	0	0.28199073	11.76	0.377585583	0	0.37758558
281	24	0	0	0.899885	0	0	0	0.289679	11.76	0.260677702	0	0.2606777
282	1	0	0	0.623116	0	0	0	0.29108796	11.76	0.181381451	0	0.18138145
282	2	0	0.098	0.569904	0	0	0	0.29386856	11.76	0.167476932	0	0.16747693
282	3	0	0.268	0.735429	0	0	0	0.29293781	11.76	0.215434871	0	0.21543487
282	4	0	0.345	0.897651	0	0	0	0.2976441	11.76	0.267180544	0	0.26718054
282	5	0	0.376	1.101659	0	0	0	0.28970147	11.76	0.319152245	0	0.31915224
282	6	0	0.369	1.459058	0	0	0	0.2796389	11.76	0.40800926	0	0.40800926
282	7	0	0.407	1.982604	0	0	0	0.22769829	11.76	0.451435553	0	0.45143555
282	8	0	0.302	1.664342	0	0	0	0.19712321	11.76	0.328080525	0	0.32808052
282	9	0	0	1.390514	0	0	0	0.19986589	11.76	0.277916256	0	0.27791626
282	10	0	0	1.361332	0	0	0	0.19916422	11.76	0.271128642	0	0.27112864
282	11	0	0	1.190327	0	0	0	0.18768317	11.76	0.223404417	0	0.22340442
282	12	0	0	1.152866	0	0	0	0.1963563	11.76	0.226372601	0	0.2263726
282	13	0	0	1.11318	0	0	0	0.20014778	11.76	0.22280049	0	0.22280049
282	14	0	0	1.049062	0	0	0	0.18697373	11.76	0.196147062	0	0.19614706
282	15	0	0	1.135726	0	0	0	0.18362853	11.76	0.208551651	0	0.20855165
282	16	0	0	1.25644	0	0	0	0.22121386	11.76	0.277941897	0	0.2779419
282	17	0	0	1.515949	0	0	0	0.26865289	11.76	0.407264087	0	0.40726409
282	18	0	0	1.866422	0	0	0	0.26834266	11.76	0.500840748	0	0.50084075
282	19	0	0	1.917834	0	0	0	0.26786701	11.76	0.513724534	0	0.51372453
282	20	0	0	2.000975	0	0	0	0.26961615	11.76	0.539495215	0	0.53949522
282	21	0	0	1.998969	0	0	0	0.27477845	11.76	0.549273492	0	0.54927349
282	22	0	0	1.753728	0	0	0	0.27314325	11.76	0.479019067	0	0.47901907
282	23	0	0	1.339	0	0	0	0.28199073	11.76	0.377585583	0	0.37758558
282	24	0	0	0.899885	0	0	0	0.289679	11.76	0.260677702	0	0.2606777
283	1	0	0	0.623116	0	0	0	0.29108796	11.76	0.181381451	0	0.18138145

283	2	0	0.186	0.657904	0	0	0	0.29386856	11.76	0.193337365	0	0.19333737
283	3	0	0.252	0.719429	0	0	0	0.29293781	11.76	0.210747856	0	0.21074786
283	4	0	0.307	0.859651	0	0	0	0.2976441	11.76	0.255870072	0	0.25587007
283	5	0	0.299	1.024659	0	0	0	0.28970147	11.76	0.29684526	0	0.29684526
283	6	0	0.299	1.389058	0	0	0	0.2796389	11.76	0.388434522	0	0.38843452
283	7	0	0.349	1.924604	0	0	0	0.22769829	11.76	0.438229032	0	0.43822903
283	8	0	0.385	1.747342	0	0	0	0.19712321	11.76	0.344441741	0	0.34444174
283	9	0	0.333	1.677514	0	0	0	0.19986589	11.76	0.335277756	0	0.33527776
283	10	0	0.28	1.595332	0	0	0	0.19916422	11.76	0.317733064	0	0.31773306
283	11	0	0.207	1.398327	0	0	0	0.18768317	11.76	0.262442505	0	0.2624425
283	12	0	0	1.200866	0	0	0	0.1963563	11.76	0.235797699	0	0.2357977
283	13	0	0	1.16018	0	0	0	0.20014778	11.76	0.232207446	0	0.23220745
283	14	0	0	1.096062	0	0	0	0.18697373	11.76	0.204934836	0	0.20493484
283	15	0	0	1.182726	0	0	0	0.18362853	11.76	0.217182179	0	0.21718218
283	16	0	0	1.25644	0	0	0	0.22121386	11.76	0.277941897	0	0.2779419
283	17	0	0	1.560949	0	0	0	0.26865289	11.76	0.419353488	0	0.41935349
283	18	0	0	1.912422	0	0	0	0.26834266	11.76	0.513184511	0	0.51318451
283	19	0	0	1.964834	0	0	0	0.26786701	11.76	0.526314265	0	0.52631427
283	20	0	0	2.047975	0	0	0	0.26961615	11.76	0.552167156	0	0.55216716
283	21	0	0	1.999969	0	0	0	0.27477845	11.76	0.549548284	0	0.54954828
283	22	0	0	1.754728	0	0	0	0.27314325	11.76	0.479292223	0	0.47929222
283	23	0	0.131	1.425	0	0	0	0.28199073	11.76	0.401836809	0	0.40183681
283	24	0	0.426	1.280885	0	0	0	0.289679	11.76	0.371045414	0	0.37104541
284	1	0	0.655	1.233116	0	0	0	0.29108796	11.76	0.358945096	0	0.3589451
284	2	0	0.909	1.380904	0	0	0	0.29386856	11.76	0.405804335	0	0.40580433
284	3	0	0.884	1.351429	0	0	0	0.29293781	11.76	0.395884544	0	0.39588454
284	4	0	0.932	1.484651	0	0	0	0.2976441	11.76	0.441897633	0	0.44189763
284	5	0	0.833	1.558659	0	0	0	0.28970147	11.76	0.45154582	0	0.45154582
284	6	0	0.898	1.988058	0	0	0	0.2796389	11.76	0.555938252	0	0.55593825
284	7	0	0.904	2.479604	0	0	0	0.22769829	11.76	0.564601599	0	0.5646016
284	8	0	0.726	2.088342	0	0	0	0.19712321	11.76	0.411660773	0	0.41166077
284	9	0	0.332	1.676514	0	0	0	0.19986589	11.76	0.335077905	0	0.3350779
284	10	0	0	1.361332	0	0	0	0.19916422	11.76	0.271128642	0	0.27112864
284	11	0	0	1.237327	0	0	0	0.18768317	11.76	0.232225513	0	0.23222551
284	12	0	0	1.198866	0	0	0	0.1963563	11.76	0.235404991	0	0.23540499
284	13	0	0	1.11218	0	0	0	0.20014778	11.76	0.222600357	0	0.22260036
284	14	0	0	1.048062	0	0	0	0.18697373	11.76	0.195960079	0	0.19596008
284	15	0	0	1.134726	0	0	0	0.18362853	11.76	0.208368014	0	0.20836801
284	16	0	0	1.25544	0	0	0	0.22121386	11.76	0.277720673	0	0.27772067
284	17	0	0	1.514949	0	0	0	0.26865289	11.76	0.406995454	0	0.40699545
284	18	0	0	1.865422	0	0	0	0.26834266	11.76	0.500572425	0	0.50057242
284	19	0	0	1.916834	0	0	0	0.26786701	11.76	0.513456687	0	0.51345669
284	20	0	0	2.045975	0	0	0	0.26961615	11.76	0.551627899	0	0.5516279
284	21	0	0	1.997969	0	0	0	0.27477845	11.76	0.548998701	0	0.5489987
284	22	0	0.096	1.802728	0	0	0	0.27314325	11.76	0.492403093	0	0.49240309
284	23	0	0.096	1.389	0	0	0	0.28199073	11.76	0.391685139	0	0.39168514
284	24	0	0.096	0.949885	0	0	0	0.289679	11.76	0.275161638	0	0.27516164
285	1	0	0.577	1.155116	0	0	0	0.29108796	11.76	0.336240249	0	0.33624025
285	2	0	0.846	1.317904	0	0	0	0.29386856	11.76	0.387290626	0	0.38729063
285	3	0	0.83	1.297429	0	0	0	0.29293781	11.76	0.380065931	0	0.38006593
285	4	0	1.092	1.644651	0	0	0	0.2976441	11.76	0.489520714	0	0.48952071
285	5	0	1.072	1.797659	0	0	0	0.28970147	11.76	0.520784494	0	0.52078449
285	6	0	1.018	2.108057	0	0	0	0.2796389	11.76	0.589494889	0	0.58949489
285	7	0	1.209	2.784604	0	0	0	0.22769829	11.76	0.634049594	0	0.63404959
285	8	0	0.828	2.190342	0	0	0	0.19712321	11.76	0.43176734	0	0.43176734
285	9	0	0.498	1.842514	0	0	0	0.19986589	11.76	0.368255645	0	0.36825564
285	10	0	0	1.361332	0	0	0	0.19916422	11.76	0.271128642	0	0.27112864
285	11	0	0	1.237327	0	0	0	0.18768317	11.76	0.232225513	0	0.23222551
285	12	0	0	1.198866	0	0	0	0.1963563	11.76	0.235404991	0	0.23540499
285	13	0	0	1.11218	0	0	0	0.20014778	11.76	0.222600357	0	0.22260036
285	14	0	0	1.047062	0	0	0	0.18697373	11.76	0.195773119	0	0.19577312
285	15	0	0	1.133726	0	0	0	0.18362853	11.76	0.208184398	0	0.2081844
285	16	0	0	1.25444	0	0	0	0.22121386	11.76	0.277499475	0	0.27749948
285	17	0	0	1.513949	0	0	0	0.26865289	11.76	0.406726788	0	0.40672679
285	18	0	0	1.865422	0	0	0	0.26834266	11.76	0.500572425	0	0.50057242
285	19	0	0	1.962834	0	0	0	0.26786701	11.76	0.525778538	0	0.52577854
285	20	0	0	2.045975	0	0	0	0.26961615	11.76	0.551627899	0	0.5516279
285	21	0	0.096	2.047969	0	0	0	0.27477845	11.76	0.562737643	0	0.56273764
285	22	0	0	1.752728	0	0	0	0.27314325	11.76	0.478745943	0	0.47874594
285	23	0	0.096	1.389	0	0	0	0.28199073	11.76	0.391685139	0	0.39168514
285	24	0	0.096	0.949885	0	0	0	0.289679	11.76	0.275161638	0	0.27516164
286	1	0	0.502	1.080116	0	0	0	0.29108796	11.76	0.314408638	0	0.31440864
286	2	0	0.839	1.310904	0	0	0	0.29386856	11.76	0.385233555	0	0.38523356
286	3	0	0.982	1.449429	0	0	0	0.29293781	11.76	0.424592464	0	0.42459246
286	4	0	1.218	1.770651	0	0	0	0.2976441	11.76	0.527023848	0	0.52702385
286	5	0	1.316	2.041659	0	0	0	0.28970147	11.76	0.591471639	0	0.59147164
286	6	0	1.159	2.249058	0	0	0	0.2796389	11.76	0.628923983	0	0.62892398
286	7	0	1.255	2.830604	0	0	0	0.22769829	11.76	0.644523716	0	0.64452372
286	8	0	0.948	2.310342	0	0	0	0.19712321	11.76	0.455422104	0	0.4554221
286	9	0	0.82	2.164514	0	0	0	0.19986589	11.76	0.432612444	0	0.43261244
286	10	0	0.55	1.865332	0	0	0	0.19916422	11.76	0.371507424	0	0.37150742
286	11	0	0.283	1.474327	0	0	0	0.18768317	11.76	0.276706421	0	0.27670642
286	12	0	0.138	1.292866	0	0	0	0.1963563	11.76	0.25386248	0	0.25386248
286	13	0	0	1.16118	0	0	0	0.20014778	11.76	0.232407579	0	0.23240758
286	14	0	0	1.097062	0	0	0	0.18697373	11.76	0.205121797	0	0.2051218
286	15	0	0	1.183726	0	0	0	0.18362853	11.76	0.217365816	0	0.21736582
286	16	0	0	1.30444	0	0	0	0.22121386	11.76	0.288560157	0	0.28856016
286	17	0	0	1.562949	0	0	0	0.26865289	11.76	0.419890787	0	0.41989079
286	18	0	0	1.914422	0	0	0	0.26834266	11.76	0.513721189	0	0.51372119
286	19	0	0.109	2.028834	0	0	0	0.26786701	11.76	0.543457789	0	0.54345779
286	20	0	0.284	2.286975	0	0	0	0.26961615	11.76	0.616605439	0	0.61660544
286	21	0	0.376	2.330969	0	0	0	0.27477845	11.76	0.640499942	0	0.64049994
286	22	0	0.502	2.211728	0	0	0	0.27314325	11.76	0.604118659	0	0.60411866
286	23	0	0.614	1.909	0	0	0	0.28199073	11.76	0.53832028	0	0.53832028
286	24	0	0.695	1.549885	0	0	0	0.289679	11.76	0.448969046	0	0.44896905
287	1	0	0.746	1.324116	0	0	0	0.29108796	11.76	0.385434124	0	0.38543412
287	2	0	0.689	1.160904	0	0	0	0.29386856	11.76	0.341153242	0	0.34115324
287	3	0	0.688	1.155429	0	0	0	0.29293781	11.76	0.338468739	0	0.33846874
287	4	0	0.762	1.314651	0	0	0	0.2976441	11.76	0.391298114	0	0.39129811
287	5	0	0.772	1.497659	0	0	0	0.28970147	11.76	0.433874068	0	0.43387407
287	6	0	0.751	1.841058	0	0	0	0.2796389	11.76	0.514831313	0	0.51483131
287	7	0	0.766	2.341604	0	0	0	0.22769829	11.76	0.533179232	0	0.53317923
287	8	0	0.437	1.799342	0	0	0	0.19712321	11.76	0.354692157	0	0.35469216
287	9	0	0	1.390514	0	0	0	0.19986589	11.76	0.277916256	0	0.27791626
287	10	0	0	1.361332	0	0	0	0.19916422	11.76	0.271128642	0	0.27112864
287	11	0	0	1.236327	0	0	0	0.18768317	11.76	0.232037843	0	0.23203784
287	12	0	0	1.198866	0	0	0	0.1963563	11.76	0.235404991	0	0.23540499
287	13	0	0	1.15818	0	0	0	0.20014778	11.76	0.231807132	0	0.23180713
287	14	0	0	1.094062	0	0	0	0.18697373	11.76	0.204560872	0	0.20456087
287	15	0	0	1.179726	0	0	0	0.18362853	11.76	0.216631312	0	0.21663131
287	16	0	0	1.30044	0	0	0	0.22121386	11.76	0.287675313	0	0.28767531

287	17	0	0	1.559949	0	0	0	0.26865289	11.76	0.419084822	0	0.41908482
287	18	0	0	1.911422	0	0	0	0.26834266	11.76	0.512916188	0	0.51291619
287	19	0	0	1.962834	0	0	0	0.26786701	11.76	0.525778538	0	0.52577854
287	20	0	0	2.046975	0	0	0	0.26961615	11.76	0.55189756	0	0.55189756
287	21	0	0	1.998969	0	0	0	0.27477845	11.76	0.549273492	0	0.54927349
287	22	0	0.096	1.803728	0	0	0	0.27314325	11.76	0.492676249	0	0.49267625
287	23	0	0.096	1.39	0	0	0	0.28199073	11.76	0.39196711	0	0.39196711
287	24	0	0.161	1.015885	0	0	0	0.289679	11.76	0.294280448	0	0.29428045
288	1	0	0.399	0.977116	0	0	0	0.29108796	11.76	0.284426599	0	0.2844266
288	2	0	0.58	1.051904	0	0	0	0.29386856	11.76	0.309121578	0	0.30912158
288	3	0	0.702	1.169429	0	0	0	0.29293781	11.76	0.342569885	0	0.34256989
288	4	0	0.759	1.311651	0	0	0	0.2976441	11.76	0.390405175	0	0.39040518
288	5	0	0.732	1.457659	0	0	0	0.28970147	11.76	0.422285986	0	0.42228599
288	6	0	0.732	1.822057	0	0	0	0.2796389	11.76	0.509518158	0	0.50951816
288	7	0	0.771	2.346604	0	0	0	0.22769829	11.76	0.534317696	0	0.5343177
288	8	0	0.8	2.162343	0	0	0	0.19712321	11.76	0.426247914	0	0.42624791
288	9	0	0.797	2.141514	0	0	0	0.19986589	11.76	0.428015528	0	0.42801553
288	10	0	0.712	2.027332	0	0	0	0.19916422	11.76	0.403772016	0	0.40377202
288	11	0	0.471	1.662327	0	0	0	0.18768317	11.76	0.311990872	0	0.31199087
288	12	0	0.356	1.510867	0	0	0	0.1963563	11.76	0.296668165	0	0.29666816
288	13	0	0.263	1.37818	0	0	0	0.20014778	11.76	0.275839649	0	0.27583965
288	14	0	0.164	1.215062	0	0	0	0.18697373	11.76	0.227184703	0	0.2271847
288	15	0	0	1.183726	0	0	0	0.18362853	11.76	0.217365816	0	0.21736582
288	16	0	0	1.30344	0	0	0	0.22121386	11.76	0.288338933	0	0.28833893
288	17	0	0	1.562949	0	0	0	0.26865289	11.76	0.419890787	0	0.41989079
288	18	0	0	1.913422	0	0	0	0.26834266	11.76	0.513452866	0	0.51345287
288	19	0	0	1.965834	0	0	0	0.26786701	11.76	0.526582145	0	0.52658214
288	20	0	0.16	2.162975	0	0	0	0.26961615	11.76	0.583173016	0	0.58317302
288	21	0	0.26	2.214969	0	0	0	0.27477845	11.76	0.60862566	0	0.60862566
288	22	0	0.546	2.255728	0	0	0	0.27314325	11.76	0.616137002	0	0.616137
288	23	0	0.707	2.002	0	0	0	0.28199073	11.76	0.564545466	0	0.56454547
288	24	0	1.086	1.940885	0	0	0	0.289679	11.76	0.562233511	0	0.56223351
289	1	0	1.005	1.583116	0	0	0	0.29108796	11.76	0.46082589	0	0.46082589
289	2	0	1.139	1.610904	0	0	0	0.29386856	11.76	0.473394111	0	0.47339411
289	3	0	1.153	1.620429	0	0	0	0.29293781	11.76	0.474684831	0	0.47468483
289	4	0	1.156	1.708651	0	0	0	0.2976441	11.76	0.508569904	0	0.5085699
289	5	0	1.112	1.837659	0	0	0	0.28970147	11.76	0.532372541	0	0.53237254
289	6	0	1.214	2.304058	0	0	0	0.2796389	11.76	0.644304142	0	0.64430414
289	7	0	1.299	2.874604	0	0	0	0.22769829	11.76	0.654542421	0	0.65454242
289	8	0	0.688	2.050342	0	0	0	0.19712321	11.76	0.40417007	0	0.40417007
289	9	0	0.096	1.440514	0	0	0	0.19986589	11.76	0.287909541	0	0.28790954
289	10	0	0	1.361332	0	0	0	0.19916422	11.76	0.271128642	0	0.27112864
289	11	0	0	1.236327	0	0	0	0.18768317	11.76	0.232037843	0	0.23203784
289	12	0	0	1.198866	0	0	0	0.1963563	11.76	0.235404991	0	0.23540499
289	13	0	0	1.15818	0	0	0	0.20014778	11.76	0.231807132	0	0.23180713
289	14	0	0	1.093062	0	0	0	0.18697373	11.76	0.204373911	0	0.20437391
289	15	0	0	1.178726	0	0	0	0.18362853	11.76	0.216447674	0	0.21644767
289	16	0	0	1.29844	0	0	0	0.22121386	11.76	0.287232865	0	0.28723286
289	17	0	0	1.557949	0	0	0	0.26865289	11.76	0.418547523	0	0.41854752
289	18	0	0	1.909422	0	0	0	0.26834266	11.76	0.512379477	0	0.51237948
289	19	0	0	1.960834	0	0	0	0.26786701	11.76	0.525242811	0	0.52524281
289	20	0	0	2.043975	0	0	0	0.26961615	11.76	0.551088705	0	0.55108871
289	21	0	0	1.996969	0	0	0	0.27477845	11.76	0.548723943	0	0.54872394
289	22	0	0.096	1.801728	0	0	0	0.27314325	11.76	0.492129937	0	0.49212994
289	23	0	0.096	1.388	0	0	0	0.28199073	11.76	0.391403135	0	0.39140314
289	24	0	0.096	0.948885	0	0	0	0.289679	11.76	0.274871963	0	0.27487196
290	1	0	0.096	0.673116	0	0	0	0.29108796	11.76	0.195935853	0	0.19593585
290	2	0	0.323	0.794904	0	0	0	0.29386856	11.76	0.233597366	0	0.23359737
290	3	0	0.6	1.067429	0	0	0	0.29293781	11.76	0.312690229	0	0.31269023
290	4	0	0.731	1.283651	0	0	0	0.2976441	11.76	0.382071177	0	0.38207118
290	5	0	0.668	1.393659	0	0	0	0.28970147	11.76	0.403745089	0	0.40374509
290	6	0	0.702	1.792058	0	0	0	0.2796389	11.76	0.501128999	0	0.501129
290	7	0	0.764	2.339604	0	0	0	0.22769829	11.76	0.532723815	0	0.53272381
290	8	0	0.682	2.044343	0	0	0	0.19712321	11.76	0.402987369	0	0.40298737
290	9	0	0.586	1.930514	0	0	0	0.19986589	11.76	0.385843832	0	0.38584383
290	10	0	0.548	1.863332	0	0	0	0.19916422	11.76	0.371109077	0	0.37110908
290	11	0	0.479	1.670327	0	0	0	0.18768317	11.76	0.31349234	0	0.31349234
290	12	0	0.332	1.486866	0	0	0	0.1963563	11.76	0.291955604	0	0.2919556
290	13	0	0.251	1.36618	0	0	0	0.20014778	11.76	0.273437883	0	0.27343788
290	14	0	0.214	1.265062	0	0	0	0.18697373	11.76	0.236533403	0	0.2365334
290	15	0	0.312	1.449726	0	0	0	0.18362853	11.76	0.266211012	0	0.26621101
290	16	0	0.303	1.56144	0	0	0	0.22121386	11.76	0.345412112	0	0.34541211
290	17	0	0.275	1.792949	0	0	0	0.26865289	11.76	0.481680957	0	0.48168096
290	18	0	0.26	2.128422	0	0	0	0.26834266	11.76	0.571146546	0	0.57114655
290	19	0	0.294	2.213834	0	0	0	0.26786701	11.76	0.59301317	0	0.59301317
290	20	0	0.402	2.404975	0	0	0	0.26961615	11.76	0.648420088	0	0.64842009
290	21	0	0.386	2.340969	0	0	0	0.27477845	11.76	0.643247724	0	0.64324772
290	22	0	0.484	2.193728	0	0	0	0.27314325	11.76	0.599202111	0	0.59920211
290	23	0	0.561	1.856	0	0	0	0.28199073	11.76	0.523374778	0	0.52337478
290	24	0	0.614	1.468885	0	0	0	0.289679	11.76	0.425505055	0	0.42550506
291	1	0	0.66	1.238116	0	0	0	0.29108796	11.76	0.360400534	0	0.36040053
291	2	0	0.668	1.139904	0	0	0	0.29386856	11.76	0.334982029	0	0.33498203
291	3	0	0.745	1.212429	0	0	0	0.29293781	11.76	0.355166206	0	0.35516621
291	4	0	0.737	1.289651	0	0	0	0.2976441	11.76	0.383857054	0	0.38385705
291	5	0	0.705	1.430659	0	0	0	0.28970147	11.76	0.41446406	0	0.41446406
291	6	0	0.68	1.770058	0	0	0	0.2796389	11.76	0.494976956	0	0.49497696
291	7	0	0.675	2.250604	0	0	0	0.22769829	11.76	0.512458669	0	0.51245867
291	8	0	0.689	2.051342	0	0	0	0.19712321	11.76	0.404367226	0	0.40436723
291	9	0	0.581	1.925514	0	0	0	0.19986589	11.76	0.384844503	0	0.3848445
291	10	0	0.407	1.722332	0	0	0	0.19916422	11.76	0.343026915	0	0.34302691
291	11	0	0.103	1.294327	0	0	0	0.18768317	11.76	0.242923461	0	0.24292346
291	12	0	0	1.200866	0	0	0	0.1963563	11.76	0.235797699	0	0.2357977
291	13	0	0	1.16018	0	0	0	0.20014778	11.76	0.232207446	0	0.23220745
291	14	0	0	1.095062	0	0	0	0.18697373	11.76	0.204747854	0	0.20474785
291	15	0	0	1.181726	0	0	0	0.18362853	11.76	0.216998564	0	0.21699856
291	16	0	0	1.30244	0	0	0	0.22121386	11.76	0.288117735	0	0.28811774
291	17	0	0	1.560949	0	0	0	0.26865289	11.76	0.419353488	0	0.41935349
291	18	0	0	1.912422	0	0	0	0.26834266	11.76	0.513184511	0	0.51318451
291	19	0	0	1.963834	0	0	0	0.26786701	11.76	0.526046418	0	0.52604642
291	20	0	0	2.046975	0	0	0	0.26961615	11.76	0.55189756	0	0.55189756
291	21	0	0	1.999969	0	0	0	0.27477845	11.76	0.549548284	0	0.54954828
291	22	0	0.096	1.803728	0	0	0	0.27314325	11.76	0.492676249	0	0.49267625
291	23	0	0.166	1.46	0	0	0	0.28199073	11.76	0.411706476	0	0.41170648
291	24	0	0.44	1.294885	0	0	0	0.289679	11.76	0.375100902	0	0.3751009
292	1	0	0.659	1.237116	0	0	0	0.29108796	11.76	0.360109467	0	0.36010947
292	2	0	0.703	1.174904	0	0	0	0.29386856	11.76	0.345267384	0	0.34526738
292	3	0	0.736	1.203429	0	0	0	0.29293781	11.76	0.352529747	0	0.35252975
292	4	0	0.819	1.371651	0	0	0	0.2976441	11.76	0.408263875	0	0.40826387
292	5	0	0.752	1.477659	0	0	0	0.28970147	11.76	0.428080009	0	0.42808001
292	6	0	0.81	1.900058	0	0	0	0.2796389	11.76	0.531330012	0	0.53133001
292	7	0	0.795	2.370604	0	0	0	0.22769829	11.76	0.539782493	0	0.53978249

292	8	0	0.754	2.116343	0	0	0	0.19712321	11.76	0.417180246	0	0.41718025
292	9	0	0.393	1.737514	0	0	0	0.19986589	11.76	0.347269722	0	0.34726972
292	10	0	0	1.361332	0	0	0	0.19916422	11.76	0.271128642	0	0.27112864
292	11	0	0	1.237327	0	0	0	0.18768317	11.76	0.232225513	0	0.23222551
292	12	0	0	1.199866	0	0	0	0.1963563	11.76	0.235601333	0	0.23560133
292	13	0	0	1.15918	0	0	0	0.20014778	11.76	0.232007289	0	0.23200729
292	14	0	0	1.095062	0	0	0	0.18697373	11.76	0.204747854	0	0.20474785
292	15	0	0	1.180726	0	0	0	0.18362853	11.76	0.216814927	0	0.21681493
292	16	0	0	1.30144	0	0	0	0.22121386	11.76	0.287896511	0	0.28789651
292	17	0	0	1.561949	0	0	0	0.26865289	11.76	0.419622121	0	0.41962212
292	18	0	0	1.913422	0	0	0	0.26834266	11.76	0.513452866	0	0.51345287
292	19	0	0	1.964834	0	0	0	0.26786701	11.76	0.526314265	0	0.52631427
292	20	0	0	2.047975	0	0	0	0.26961615	11.76	0.552167156	0	0.55216716
292	21	0	0	2.000969	0	0	0	0.27477845	11.76	0.549823075	0	0.54982308
292	22	0	0	1.754728	0	0	0	0.27314325	11.76	0.479292223	0	0.47929222
292	23	0	0.299	1.594	0	0	0	0.28199073	11.76	0.449493217	0	0.44949322
292	24	0	0.428	1.282885	0	0	0	0.289679	11.76	0.371624764	0	0.37162476
293	1	0	0.539	1.117116	0	0	0	0.29108796	11.76	0.32517891	0	0.32517891
293	2	0	0.577	1.048904	0	0	0	0.29386856	11.76	0.308239966	0	0.30823997
293	3	0	0.563	1.030429	0	0	0	0.29293781	11.76	0.301851513	0	0.30185151
293	4	0	0.577	1.129651	0	0	0	0.2976441	11.76	0.336233973	0	0.33623397
293	5	0	0.552	1.277659	0	0	0	0.28970147	11.76	0.370139737	0	0.37013974
293	6	0	0.544	1.634058	0	0	0	0.2796389	11.76	0.456946055	0	0.45694605
293	7	0	0.528	2.103604	0	0	0	0.22769829	11.76	0.478987003	0	0.478987
293	8	0	0.524	1.886342	0	0	0	0.19712321	11.76	0.371841879	0	0.37184188
293	9	0	0.462	1.806514	0	0	0	0.19986589	11.76	0.36106047	0	0.36106047
293	10	0	0.355	1.670332	0	0	0	0.19916422	11.76	0.33267039	0	0.33267039
293	11	0	0.232	1.423327	0	0	0	0.18768317	11.76	0.267134602	0	0.2671346
293	12	0	0.16	1.314867	0	0	0	0.1963563	11.76	0.258182333	0	0.25818233
293	13	0	0.155	1.27018	0	0	0	0.20014778	11.76	0.254223705	0	0.2542237
293	14	0	0.174	1.225062	0	0	0	0.18697373	11.76	0.229054438	0	0.22905444
293	15	0	0.174	1.311726	0	0	0	0.18362853	11.76	0.240870272	0	0.24087027
293	16	0	0.217	1.47544	0	0	0	0.22121386	11.76	0.326387728	0	0.32638773
293	17	0	0.206	1.723949	0	0	0	0.26865289	11.76	0.463143906	0	0.46314391
293	18	0	0.206	2.074422	0	0	0	0.26834266	11.76	0.556656005	0	0.55665601
293	19	0	0.211	2.130834	0	0	0	0.26786701	11.76	0.570780223	0	0.57078022
293	20	0	0.216	2.218975	0	0	0	0.26961615	11.76	0.598271519	0	0.59827152
293	21	0	0.223	2.177969	0	0	0	0.27477845	11.76	0.598458808	0	0.59845881
293	22	0	0.335	2.044729	0	0	0	0.27314325	11.76	0.558503787	0	0.55850379
293	23	0	0.367	1.662	0	0	0	0.28199073	11.76	0.468668575	0	0.46866858
293	24	0	0.465	1.319885	0	0	0	0.289679	11.76	0.38234287	0	0.38234287
294	1	0	0.582	1.160116	0	0	0	0.29108796	11.76	0.337695688	0	0.33769569
294	2	0	0.626	1.097904	0	0	0	0.29386856	11.76	0.322639533	0	0.32263953
294	3	0	0.642	1.109429	0	0	0	0.29293781	11.76	0.324993599	0	0.3249936
294	4	0	0.659	1.211651	0	0	0	0.2976441	11.76	0.360640794	0	0.36064079
294	5	0	0.611	1.336659	0	0	0	0.28970147	11.76	0.387232128	0	0.38723213
294	6	0	0.649	1.739058	0	0	0	0.2796389	11.76	0.486308145	0	0.48630814
294	7	0	0.607	2.182604	0	0	0	0.22769829	11.76	0.496975168	0	0.49697517
294	8	0	0.512	1.874342	0	0	0	0.19712321	11.76	0.369476408	0	0.36947641
294	9	0	0.442	1.786514	0	0	0	0.19986589	11.76	0.357063156	0	0.35706316
294	10	0	0.375	1.690332	0	0	0	0.19916422	11.76	0.336653671	0	0.33665367
294	11	0	0.3	1.491327	0	0	0	0.18768317	11.76	0.27989705	0	0.27989705
294	12	0	0	1.200866	0	0	0	0.1963563	11.76	0.235797699	0	0.2357977
294	13	0	0	1.16118	0	0	0	0.20014778	11.76	0.232407579	0	0.23240758
294	14	0	0	1.097062	0	0	0	0.18697373	11.76	0.205121797	0	0.2051218
294	15	0	0	1.182726	0	0	0	0.18362853	11.76	0.217182179	0	0.21718218
294	16	0	0	1.30244	0	0	0	0.22121386	11.76	0.288117735	0	0.28811774
294	17	0	0	1.560949	0	0	0	0.26865289	11.76	0.419353488	0	0.41935349
294	18	0	0	1.912422	0	0	0	0.26834266	11.76	0.513184511	0	0.51318451
294	19	0	0	1.963834	0	0	0	0.26786701	11.76	0.526046418	0	0.52604642
294	20	0	0	2.047975	0	0	0	0.26961615	11.76	0.552167156	0	0.55216716
294	21	0	0	1.999969	0	0	0	0.27477845	11.76	0.549548284	0	0.54954828
294	22	0	0.096	1.804728	0	0	0	0.27314325	11.76	0.492949372	0	0.49294937
294	23	0	0.318	1.612	0	0	0	0.28199073	11.76	0.454569052	0	0.45456905
294	24	0	0.585	1.439885	0	0	0	0.289679	11.76	0.417104352	0	0.41710435
295	1	0	0.689	1.267116	0	0	0	0.29108796	11.76	0.368842098	0	0.3688421
295	2	0	0.758	1.229904	0	0	0	0.29386856	11.76	0.361430175	0	0.36143017
295	3	0	0.785	1.252429	0	0	0	0.29293781	11.76	0.366883707	0	0.36688371
295	4	0	0.81	1.362651	0	0	0	0.2976441	11.76	0.405585059	0	0.40558506
295	5	0	0.759	1.484659	0	0	0	0.28970147	11.76	0.430107945	0	0.43010795
295	6	0	0.798	1.888058	0	0	0	0.2796389	11.76	0.527974355	0	0.52797436
295	7	0	0.87	2.445604	0	0	0	0.22769829	11.76	0.556859821	0	0.55685982
295	8	0	0.938	2.300342	0	0	0	0.19712321	11.76	0.453450873	0	0.45345087
295	9	0	0.805	2.149514	0	0	0	0.19986589	11.76	0.429614483	0	0.42961448
295	10	0	0.627	1.942332	0	0	0	0.19916422	11.76	0.38684305	0	0.38684305
295	11	0	0.158	1.349327	0	0	0	0.18768317	11.76	0.253246025	0	0.25324603
295	12	0	0	1.200866	0	0	0	0.1963563	11.76	0.235797699	0	0.2357977
295	13	0	0	1.16118	0	0	0	0.20014778	11.76	0.232407579	0	0.23240758
295	14	0	0	1.097062	0	0	0	0.18697373	11.76	0.205121797	0	0.2051218
295	15	0	0	1.183726	0	0	0	0.18362853	11.76	0.217365816	0	0.21736582
295	16	0	0	1.30344	0	0	0	0.22121386	11.76	0.288338933	0	0.28833893
295	17	0	0	1.562949	0	0	0	0.26865289	11.76	0.419890787	0	0.41989079
295	18	0	0	1.914422	0	0	0	0.26834266	11.76	0.513721189	0	0.51372119
295	19	0	0	1.965834	0	0	0	0.26786701	11.76	0.526582145	0	0.52658214
295	20	0	0.178	2.180975	0	0	0	0.26961615	11.76	0.588026077	0	0.58802608
295	21	0	0.317	2.271969	0	0	0	0.27477845	11.76	0.62428801	0	0.62428801
295	22	0	0.489	2.198728	0	0	0	0.27314325	11.76	0.600567794	0	0.60056779
295	23	0	0.604	1.899	0	0	0	0.28199073	11.76	0.535500375	0	0.53550037
295	24	0	0.617	1.471885	0	0	0	0.289679	11.76	0.426374099	0	0.4263741
296	1	0	0.635	1.213116	0	0	0	0.29108796	11.76	0.353123342	0	0.35312334
296	2	0	0.67	1.141904	0	0	0	0.29386856	11.76	0.335569759	0	0.33556976
296	3	0	0.659	1.126429	0	0	0	0.29293781	11.76	0.32997353	0	0.32997353
296	4	0	0.666	1.218651	0	0	0	0.2976441	11.76	0.362724293	0	0.36272429
296	5	0	0.606	1.331659	0	0	0	0.28970147	11.76	0.385783587	0	0.38578359
296	6	0	0.577	1.667058	0	0	0	0.2796389	11.76	0.466174136	0	0.46617414
296	7	0	0.714	2.289604	0	0	0	0.22769829	11.76	0.521338911	0	0.52133891
296	8	0	0.473	1.835342	0	0	0	0.19712321	11.76	0.361788595	0	0.3617886
296	9	0	0.168	1.512514	0	0	0	0.19986589	11.76	0.302299891	0	0.30229989
296	10	0	0	1.361332	0	0	0	0.19916422	11.76	0.271128642	0	0.27112864
296	11	0	0	1.237327	0	0	0	0.18768317	11.76	0.232225513	0	0.23222551
296	12	0	0	1.199866	0	0	0	0.1963563	11.76	0.235601333	0	0.23560133
296	13	0	0	1.16018	0	0	0	0.20014778	11.76	0.232207446	0	0.23220745
296	14	0	0	1.095062	0	0	0	0.18697373	11.76	0.204747854	0	0.20474785
296	15	0	0	1.181726	0	0	0	0.18362853	11.76	0.216998564	0	0.21699856
296	16	0	0	1.30044	0	0	0	0.22121386	11.76	0.287675313	0	0.28767531
296	17	0	0	1.559949	0	0	0	0.26865289	11.76	0.419084822	0	0.41908482
296	18	0	0	1.910422	0	0	0	0.26834266	11.76	0.512647833	0	0.51264783
296	19	0	0	1.962834	0	0	0	0.26786701	11.76	0.525778538	0	0.52577854
296	20	0	0	2.045975	0	0	0	0.26961615	11.76	0.551627899	0	0.5516279
296	21	0	0	1.998969	0	0	0	0.27477845	11.76	0.549273492	0	0.54927349
296	22	0	0	1.752728	0	0	0	0.27314325	11.76	0.478745943	0	0.47874594

296	23	0	0	1.339	0	0	0	0.28199073	11.76	0.377585583	0	0.37758558
296	24	0	0.096	0.949885	0	0	0	0.289679	11.76	0.275161638	0	0.27516164
297	1	0	0.406	0.984116	0	0	0	0.29108796	11.76	0.286464224	0	0.28646422
297	2	0	0.849	1.320904	0	0	0	0.29386856	11.76	0.388172238	0	0.38817224
297	3	0	0.831	1.298429	0	0	0	0.29293781	11.76	0.380358848	0	0.38035885
297	4	0	1.192	1.744651	0	0	0	0.2976441	11.76	0.519285095	0	0.5192851
297	5	0	0.896	1.621659	0	0	0	0.28970147	11.76	0.469797036	0	0.46979704
297	6	0	1.207	2.297058	0	0	0	0.2796389	11.76	0.642346678	0	0.64234668
297	7	0	1.035	2.610604	0	0	0	0.22769829	11.76	0.594430031	0	0.59443003
297	8	0	0.952	2.314342	0	0	0	0.19712321	11.76	0.456210633	0	0.45621063
297	9	0	0.334	1.678514	0	0	0	0.19986589	11.76	0.335477631	0	0.33547763
297	10	0	0	1.361332	0	0	0	0.19916422	11.76	0.271128642	0	0.27112864
297	11	0	0	1.237327	0	0	0	0.18768317	11.76	0.232225513	0	0.23222551
297	12	0	0	1.198866	0	0	0	0.1963563	11.76	0.235404991	0	0.23540499
297	13	0	0	1.15818	0	0	0	0.20014778	11.76	0.231807132	0	0.23180713
297	14	0	0	1.093062	0	0	0	0.18697373	11.76	0.204373911	0	0.20437391
297	15	0	0	1.178726	0	0	0	0.18362853	11.76	0.216447674	0	0.21644767
297	16	0	0	1.25244	0	0	0	0.22121386	11.76	0.277057027	0	0.27705703
297	17	0	0	1.510949	0	0	0	0.26865289	11.76	0.405920856	0	0.40592086
297	18	0	0	1.908422	0	0	0	0.26834266	11.76	0.512111154	0	0.51211115
297	19	0	0	1.959834	0	0	0	0.26786701	11.76	0.524974932	0	0.52497493
297	20	0	0	2.043975	0	0	0	0.26961615	11.76	0.551088705	0	0.55108871
297	21	0	0	1.995969	0	0	0	0.27477845	11.76	0.548449151	0	0.54844915
297	22	0	0	1.750728	0	0	0	0.27314325	11.76	0.478199631	0	0.47819963
297	23	0	0	1.337	0	0	0	0.28199073	11.76	0.377021609	0	0.37702161
297	24	0	0	0.897885	0	0	0	0.289679	11.76	0.260098334	0	0.26009833
298	1	0	0	0.621116	0	0	0	0.29108796	11.76	0.180799283	0	0.18079928
298	2	0	0	0.516904	0	0	0	0.29386856	11.76	0.151901906	0	0.15190191
298	3	0	0	0.512429	0	0	0	0.29293781	11.76	0.150109724	0	0.15010972
298	4	0	0	0.598651	0	0	0	0.2976441	11.76	0.178184969	0	0.17818497
298	5	0	0.229	0.954659	0	0	0	0.28970147	11.76	0.276566142	0	0.27656614
298	6	0	0.494	1.584058	0	0	0	0.2796389	11.76	0.442964123	0	0.44296412
298	7	0	0.652	2.227604	0	0	0	0.22769829	11.76	0.507221608	0	0.50722161
298	8	0	0.327	1.689342	0	0	0	0.19712321	11.76	0.333008624	0	0.33300862
298	9	0	0	1.390514	0	0	0	0.19986589	11.76	0.277916256	0	0.27791626
298	10	0	0	1.361332	0	0	0	0.19916422	11.76	0.271128642	0	0.27112864
298	11	0	0	1.236327	0	0	0	0.18768317	11.76	0.232037843	0	0.23203784
298	12	0	0	1.197866	0	0	0	0.1963563	11.76	0.235208626	0	0.23520863
298	13	0	0	1.15818	0	0	0	0.20014778	11.76	0.231807132	0	0.23180713
298	14	0	0	1.093062	0	0	0	0.18697373	11.76	0.204373911	0	0.20437391
298	15	0	0	1.178726	0	0	0	0.18362853	11.76	0.216447674	0	0.21644767
298	16	0	0	1.29944	0	0	0	0.22121386	11.76	0.287454089	0	0.28745409
298	17	0	0	1.558949	0	0	0	0.26865289	11.76	0.418816189	0	0.41881619
298	18	0	0	1.910422	0	0	0	0.26834266	11.76	0.512647833	0	0.51264783
298	19	0	0	1.961834	0	0	0	0.26786701	11.76	0.525510659	0	0.52551066
298	20	0	0	2.045975	0	0	0	0.26961615	11.76	0.551627899	0	0.5516279
298	21	0	0	1.997969	0	0	0	0.27477845	11.76	0.548998701	0	0.5489987
298	22	0	0	1.751728	0	0	0	0.27314325	11.76	0.478472787	0	0.47847279
298	23	0	0	1.338	0	0	0	0.28199073	11.76	0.377303612	0	0.37730361
298	24	0	0	0.898885	0	0	0	0.289679	11.76	0.260388009	0	0.26038801
299	1	0	0	0.622116	0	0	0	0.29108796	11.76	0.181090367	0	0.18109037
299	2	0	0	0.516904	0	0	0	0.29386856	11.76	0.151901906	0	0.15190191
299	3	0	0	0.512429	0	0	0	0.29293781	11.76	0.150109724	0	0.15010972
299	4	0	0	0.598651	0	0	0	0.2976441	11.76	0.178184969	0	0.17818497
299	5	0	0	0.771659	0	0	0	0.28970147	11.76	0.223550783	0	0.22355078
299	6	0	0.164	1.254058	0	0	0	0.2796389	11.76	0.350683272	0	0.35068327
299	7	0	0.23	1.805604	0	0	0	0.22769829	11.76	0.411132944	0	0.41113294
299	8	0	0.315	1.677342	0	0	0	0.19712321	11.76	0.330643129	0	0.33064313
299	9	0	0.384	1.728514	0	0	0	0.19986589	11.76	0.34547094	0	0.34547094
299	10	0	0.382	1.697332	0	0	0	0.19916422	11.76	0.338047814	0	0.33804781
299	11	0	0.286	1.477327	0	0	0	0.18768317	11.76	0.277269474	0	0.27726947
299	12	0	0.206	1.360867	0	0	0	0.1963563	11.76	0.267214724	0	0.26721472
299	13	0	0.153	1.26818	0	0	0	0.20014778	11.76	0.25382339	0	0.25382339
299	14	0	0.123	1.174062	0	0	0	0.18697373	11.76	0.219518778	0	0.21951878
299	15	0	0.123	1.260726	0	0	0	0.18362853	11.76	0.231505217	0	0.23150522
299	16	0	0.112	1.37044	0	0	0	0.22121386	11.76	0.303160269	0	0.30316027
299	17	0	0.13	1.647949	0	0	0	0.26865289	11.76	0.442726293	0	0.44272629
299	18	0	0.148	2.016423	0	0	0	0.26834266	11.76	0.541092172	0	0.54109217
299	19	0	0.204	2.123834	0	0	0	0.26786701	11.76	0.568905098	0	0.5689051
299	20	0	0.243	2.245975	0	0	0	0.26961615	11.76	0.605551142	0	0.60555114
299	21	0	0.278	2.232969	0	0	0	0.27477845	11.76	0.613571641	0	0.61357164
299	22	0	0.333	2.042728	0	0	0	0.27314325	11.76	0.557957475	0	0.55795747
299	23	0	0.43	1.725	0	0	0	0.28199073	11.76	0.486434015	0	0.48643401
299	24	0	0.563	1.417885	0	0	0	0.289679	11.76	0.410731427	0	0.41073143
300	1	0	0.639	1.217116	0	0	0	0.29108796	11.76	0.354287714	0	0.35428771
300	2	0	0.753	1.224904	0	0	0	0.29386856	11.76	0.359960869	0	0.35996087
300	3	0	0.747	1.214429	0	0	0	0.29293781	11.76	0.355752074	0	0.35575207
300	4	0	0.811	1.363651	0	0	0	0.2976441	11.76	0.405882682	0	0.40588268
300	5	0	0.786	1.511659	0	0	0	0.28970147	11.76	0.437929871	0	0.43792987
300	6	0	0.728	1.818058	0	0	0	0.2796389	11.76	0.508399617	0	0.50839962
300	7	0	0.727	2.302604	0	0	0	0.22769829	11.76	0.524298991	0	0.52429899
300	8	0	0.671	2.033342	0	0	0	0.19712321	11.76	0.400818983	0	0.40081898
300	9	0	0.62	1.964514	0	0	0	0.19986589	11.76	0.39263928	0	0.39263928
300	10	0	0.428	1.743332	0	0	0	0.19916422	11.76	0.347209369	0	0.34720937
300	11	0	0.376	1.567327	0	0	0	0.18768317	11.76	0.294160966	0	0.29416097
300	12	0	0.3	1.454867	0	0	0	0.1963563	11.76	0.285672213	0	0.28567221
300	13	0	0.298	1.41318	0	0	0	0.20014778	11.76	0.282844815	0	0.28284481
300	14	0	0.263	1.314062	0	0	0	0.18697373	11.76	0.245695098	0	0.2456951
300	15	0	0.335	1.472726	0	0	0	0.18362853	11.76	0.270434468	0	0.27043447
300	16	0	0.453	1.71144	0	0	0	0.22121386	11.76	0.378594212	0	0.37859421
300	17	0	0.336	1.853949	0	0	0	0.26865289	11.76	0.498068781	0	0.49806878
300	18	0	0.37	2.238422	0	0	0	0.26834266	11.76	0.60066421	0	0.60066421
300	19	0	0.357	2.276834	0	0	0	0.26786701	11.76	0.609888782	0	0.60988878
300	20	0	0.368	2.370975	0	0	0	0.26961615	11.76	0.639253161	0	0.63925316
300	21	0	0.545	2.499969	0	0	0	0.27477845	11.76	0.686937476	0	0.68693748
300	22	0	0.712	2.421728	0	0	0	0.27314325	11.76	0.661478751	0	0.66147875
300	23	0	0.826	2.121	0	0	0	0.28199073	11.76	0.598102351	0	0.59810235
300	24	0	0.954	1.808885	0	0	0	0.289679	11.76	0.523995891	0	0.52399589
301	1	0	0.91	1.488116	0	0	0	0.29108796	11.76	0.433172525	0	0.43317253
301	2	0	1.044	1.515904	0	0	0	0.29386856	11.76	0.445476588	0	0.44547659
301	3	0	1.057	1.525429	0	0	0	0.29293781	11.76	0.446855695	0	0.4468557
301	4	0	1.137	1.689651	0	0	0	0.2976441	11.76	0.50291465	0	0.50291465
301	5	0	0.967	1.692659	0	0	0	0.28970147	11.76	0.490365834	0	0.49036583
301	6	0	1.051	2.141057	0	0	0	0.2796389	11.76	0.59872297	0	0.59872297
301	7	0	1.044	2.619604	0	0	0	0.22769829	11.76	0.596479384	0	0.59647938
301	8	0	0.986	2.348342	0	0	0	0.19712321	11.76	0.462912807	0	0.46291281
301	9	0	0.659	2.003514	0	0	0	0.19986589	11.76	0.400434033	0	0.40043403
301	10	0	0.277	1.592332	0	0	0	0.19916422	11.76	0.317135591	0	0.31713559
301	11	0	0	1.237327	0	0	0	0.18768317	11.76	0.232225513	0	0.23222551
301	12	0	0	1.199866	0	0	0	0.1963563	11.76	0.235601333	0	0.23560133
301	13	0	0	1.16018	0	0	0	0.20014778	11.76	0.232207446	0	0.23220745

301	14	0	0	1.096062	0	0	0	0.18697373	11.76	0.204934836	0	0.20493484
301	15	0	0	1.181726	0	0	0	0.18362853	11.76	0.216998564	0	0.21699856
301	16	0	0	1.30244	0	0	0	0.22121386	11.76	0.288117735	0	0.28811774
301	17	0	0	1.561949	0	0	0	0.26865289	11.76	0.419622121	0	0.41962212
301	18	0	0	1.913422	0	0	0	0.26834266	11.76	0.513452866	0	0.51345287
301	19	0	0.096	2.014834	0	0	0	0.26786701	11.76	0.539707603	0	0.5397076
301	20	0	0.096	2.097975	0	0	0	0.26961615	11.76	0.565647951	0	0.56564795
301	21	0	0.142	2.096969	0	0	0	0.27477845	11.76	0.576201794	0	0.57620179
301	22	0	0.565	2.274728	0	0	0	0.27314325	11.76	0.621326674	0	0.62132667
301	23	0	0.796	2.091	0	0	0	0.28199073	11.76	0.589642638	0	0.58964264
301	24	0	0.929	1.783885	0	0	0	0.289679	11.76	0.516753958	0	0.51675396
302	1	0	1.007	1.647116	0	0	0	0.29108796	11.76	0.479455523	0	0.47945552
302	2	0	1.064	1.598904	0	0	0	0.29386856	11.76	0.469867698	0	0.4698677
302	3	0	1.096	1.563429	0	0	0	0.29293781	11.76	0.457987364	0	0.45798736
302	4	0	1.117	1.669651	0	0	0	0.2976441	11.76	0.496961774	0	0.49696177
302	5	0	1.22	1.820659	0	0	0	0.28970147	11.76	0.527447628	0	0.52744763
302	6	0	1.171	2.136058	0	0	0	0.2796389	11.76	0.597324811	0	0.59732481
302	7	0	1.153	2.354604	0	0	0	0.22769829	11.76	0.536139313	0	0.53613931
302	8	0	1.121	2.608342	0	0	0	0.19712321	11.76	0.514164841	0	0.51416484
302	9	0	0.427	1.758514	0	0	0	0.19986589	11.76	0.351466911	0	0.35146691
302	10	0	0.096	1.424332	0	0	0	0.19916422	11.76	0.283675981	0	0.28367598
302	11	0	0	1.287327	0	0	0	0.18768317	11.76	0.241609684	0	0.24160968
302	12	0	0	1.248866	0	0	0	0.1963563	11.76	0.245222797	0	0.2452228
302	13	0	0	1.20918	0	0	0	0.20014778	11.76	0.242014668	0	0.24201467
302	14	0	0	1.144062	0	0	0	0.18697373	11.76	0.213909571	0	0.21390957
302	15	0	0	1.205726	0	0	0	0.18362853	11.76	0.221405636	0	0.22140564
302	16	0	0	1.25044	0	0	0	0.22121386	11.76	0.276614605	0	0.2766146
302	17	0	0	1.483949	0	0	0	0.26865289	11.76	0.398667209	0	0.39866721
302	18	0	0	1.835423	0	0	0	0.26834266	11.76	0.492522153	0	0.49252215
302	19	0	0.096	1.962834	0	0	0	0.26786701	11.76	0.525778538	0	0.52577854
302	20	0	0.096	2.145975	0	0	0	0.26961615	11.76	0.578589552	0	0.57858955
302	21	0	0.096	2.098969	0	0	0	0.27477845	11.76	0.576751311	0	0.57675131
302	22	0	0.096	1.853728	0	0	0	0.27314325	11.76	0.506333398	0	0.5063334
302	23	0	0.096	1.44	0	0	0	0.28199073	11.76	0.406066666	0	0.40606667
302	24	0	0.261	1.314885	0	0	0	0.289679	11.76	0.380894476	0	0.38089448
303	1	0	0.768	1.408116	0	0	0	0.29108796	11.76	0.40988551	0	0.40988551
303	2	0	1.044	1.578904	0	0	0	0.29386856	11.76	0.463990332	0	0.46399033
303	3	0	1.131	1.598429	0	0	0	0.29293781	11.76	0.468240212	0	0.46824021
303	4	0	1.078	1.630651	0	0	0	0.2976441	11.76	0.485353644	0	0.48535364
303	5	0	1.098	1.698659	0	0	0	0.28970147	11.76	0.492104055	0	0.49210406
303	6	0	1.13	2.095057	0	0	0	0.2796389	11.76	0.58585958	0	0.58585958
303	7	0	1.04	2.241604	0	0	0	0.22769829	11.76	0.510409371	0	0.51040937
303	8	0	1.045	2.532342	0	0	0	0.19712321	11.76	0.499183481	0	0.49918348
303	9	0	0.926	2.257514	0	0	0	0.19986589	11.76	0.45119996	0	0.45119996
303	10	0	0.82	2.148332	0	0	0	0.19916422	11.76	0.427870897	0	0.4278709
303	11	0	0.385	1.626327	0	0	0	0.18768317	11.76	0.305234275	0	0.30523428
303	12	0	0.175	1.378866	0	0	0	0.1963563	11.76	0.270749116	0	0.27074912
303	13	0	0	1.21118	0	0	0	0.20014778	11.76	0.242414983	0	0.24241498
303	14	0	0	1.146062	0	0	0	0.18697373	11.76	0.214283514	0	0.21428351
303	15	0	0	1.207726	0	0	0	0.18362853	11.76	0.22177291	0	0.22177291
303	16	0	0	1.25344	0	0	0	0.22121386	11.76	0.277278251	0	0.27727825
303	17	0	0	1.487949	0	0	0	0.26865289	11.76	0.399741807	0	0.39974181
303	18	0	0	1.839422	0	0	0	0.26834266	11.76	0.493595509	0	0.49359551
303	19	0	0.096	1.965834	0	0	0	0.26786701	11.76	0.526582145	0	0.52658214
303	20	0	0.208	2.260975	0	0	0	0.26961615	11.76	0.609595412	0	0.60959541
303	21	0	0.343	2.347969	0	0	0	0.27477845	11.76	0.645171165	0	0.64517117
303	22	0	0.511	2.269728	0	0	0	0.27314325	11.76	0.619960991	0	0.61996099
303	23	0	0.736	2.081	0	0	0	0.28199073	11.76	0.586822733	0	0.58682273
303	24	0	0.866	1.920885	0	0	0	0.289679	11.76	0.556439936	0	0.55643994
304	1	0	1.081	1.721116	0	0	0	0.29108796	11.76	0.500996032	0	0.50099603
304	2	0	1.105	1.639904	0	0	0	0.29386856	11.76	0.481916312	0	0.48191631
304	3	0	1.142	1.609429	0	0	0	0.29293781	11.76	0.471462504	0	0.4714625
304	4	0	1.162	1.714651	0	0	0	0.2976441	11.76	0.510355781	0	0.51035578
304	5	0	0.954	1.554659	0	0	0	0.28970147	11.76	0.450387029	0	0.45038703
304	6	0	0.753	1.718058	0	0	0	0.2796389	11.76	0.480435753	0	0.48043575
304	7	0	0.715	1.916604	0	0	0	0.22769829	11.76	0.436407442	0	0.43640744
304	8	0	0.633	2.120342	0	0	0	0.19712321	11.76	0.417968728	0	0.41796873
304	9	0	0.541	1.872514	0	0	0	0.19986589	11.76	0.374251616	0	0.37425162
304	10	0	0.385	1.713332	0	0	0	0.19916422	11.76	0.341234448	0	0.34123445
304	11	0	0.373	1.614327	0	0	0	0.18768317	11.76	0.302982084	0	0.30298208
304	12	0	0.355	1.558867	0	0	0	0.1963563	11.76	0.306093263	0	0.30609326
304	13	0	0.299	1.46418	0	0	0	0.20014778	11.76	0.293052375	0	0.29305238
304	14	0	0.316	1.417062	0	0	0	0.18697373	11.76	0.264953401	0	0.2649534
304	15	0	0.36	1.522726	0	0	0	0.18362853	11.76	0.279615908	0	0.27961591
304	16	0	0.596	1.80444	0	0	0	0.22121386	11.76	0.399167087	0	0.39916709
304	17	0	0.672	2.114949	0	0	0	0.26865289	11.76	0.568187228	0	0.56818723
304	18	0	0.695	2.489423	0	0	0	0.26834266	11.76	0.668018261	0	0.66801826
304	19	0	0.735	2.604834	0	0	0	0.26786701	11.76	0.69774918	0	0.69774918
304	20	0	0.917	2.969975	0	0	0	0.26961615	11.76	0.80075323	0	0.80075323
304	21	0	0.934	2.938969	0	0	0	0.27477845	11.76	0.807565251	0	0.80756525
304	22	0	0.895	2.653728	0	0	0	0.27314325	11.76	0.724848015	0	0.72484802
304	23	0	0.875	2.22	0	0	0	0.28199073	11.76	0.626019427	0	0.62601943
304	24	0	0.867	1.921885	0	0	0	0.289679	11.76	0.556729629	0	0.55672963
305	1	0	0.769	1.417116	0	0	0	0.36925007	11.76	0.52327003	0	0.52327003
305	2	0	0.714	1.252904	0	0	0	0.37123487	11.76	0.465121714	0	0.46512171
305	3	0	0.661	1.128429	0	0	0	0.37191172	11.76	0.419675811	0	0.41967581
305	4	0	0.584	1.136651	0	0	0	0.36095865	11.76	0.410284026	0	0.41028403
305	5	0	0.579	1.179659	0	0	0	0.3556188	11.76	0.419508968	0	0.41950897
305	6	0	0.508	1.481058	0	0	0	0.34288456	11.76	0.507831753	0	0.50783175
305	7	0	0.434	1.651604	0	0	0	0.32906511	11.76	0.543485227	0	0.54348523
305	8	0	0.387	1.915342	0	0	0	0.28614145	11.76	0.54805886	0	0.54805886
305	9	0	0.279	1.643514	0	0	0	0.28040683	11.76	0.460852458	0	0.46085246
305	10	0	0.221	1.583332	0	0	0	0.28349425	11.76	0.448865533	0	0.44886553
305	11	0	0.142	1.416327	0	0	0	0.28442021	11.76	0.402832118	0	0.40283212
305	12	0	0.112	1.345866	0	0	0	0.28579114	11.76	0.384636707	0	0.38463671
305	13	0	0	1.23718	0	0	0	0.29200174	11.76	0.361258678	0	0.36125868
305	14	0	0	1.170062	0	0	0	0.2846483	11.76	0.333056206	0	0.33305621
305	15	0	0	1.227726	0	0	0	0.29606732	11.76	0.363489476	0	0.36348948
305	16	0	0	1.27244	0	0	0	0.34217894	11.76	0.43540211	0	0.43540211
305	17	0	0.09	1.553949	0	0	0	0.34917305	11.76	0.542597149	0	0.54259715
305	18	0	0.141	1.961422	0	0	0	0.35725289	11.76	0.700723842	0	0.70072384
305	19	0	0.222	2.123834	0	0	0	0.35583584	11.76	0.755736313	0	0.75573631
305	20	0	0.233	2.320975	0	0	0	0.34785986	11.76	0.807374055	0	0.80737406
305	21	0	0.27	2.306969	0	0	0	0.35268728	11.76	0.813638503	0	0.8136385
305	22	0	0.361	2.148728	0	0	0	0.35750643	11.76	0.768184213	0	0.76818421
305	23	0	0.478	1.847	0	0	0	0.36116717	11.76	0.667075762	0	0.66707576
305	24	0	0.54	1.615885	0	0	0	0.36521549	11.76	0.590146107	0	0.59014611
306	1	0	0.576	1.224116	0	0	0	0.36925007	11.76	0.45200478	0	0.45200478
306	2	0	0.605	1.143904	0	0	0	0.37123487	11.76	0.424657125	0	0.42465713
306	3	0	0.647	1.114429	0	0	0	0.37191172	11.76	0.414469069	0	0.41446907
306	4	0	0.66	1.212651	0	0	0	0.36095865	11.76	0.437716874	0	0.43771687

306	5	0	0.685	1.285659	0	0	0	0.3556188	11.76	0.457204542	0	0.45720454
306	6	0	0.666	1.639058	0	0	0	0.34288456	11.76	0.562007511	0	0.56200751
306	7	0	0.733	1.950604	0	0	0	0.32906511	11.76	0.641875702	0	0.6418757
306	8	0	0.391	1.919342	0	0	0	0.28614145	11.76	0.549203411	0	0.54920341
306	9	0	0.189	1.553514	0	0	0	0.28040683	11.76	0.435615834	0	0.43561583
306	10	0	0	1.408332	0	0	0	0.28349425	11.76	0.399254019	0	0.39925402
306	11	0	0	1.320327	0	0	0	0.28442021	11.76	0.37552779	0	0.37552779
306	12	0	0	1.278866	0	0	0	0.28579114	11.76	0.365488691	0	0.36548869
306	13	0	0	1.23518	0	0	0	0.29200174	11.76	0.360674682	0	0.36067468
306	14	0	0	1.167062	0	0	0	0.2846483	11.76	0.332202256	0	0.33220226
306	15	0	0	1.224726	0	0	0	0.29606732	11.76	0.362601267	0	0.36260127
306	16	0	0	1.26944	0	0	0	0.34217894	11.76	0.434375566	0	0.43437557
306	17	0	0	1.506949	0	0	0	0.34917305	11.76	0.526185998	0	0.526186
306	18	0	0	1.863423	0	0	0	0.35725289	11.76	0.665713084	0	0.66571308
306	19	0	0	1.944834	0	0	0	0.35583584	11.76	0.692041732	0	0.69204173
306	20	0	0	2.131975	0	0	0	0.34785986	11.76	0.741628497	0	0.7416285
306	21	0	0	2.080969	0	0	0	0.35268728	11.76	0.733931154	0	0.73393115
306	22	0	0	1.831728	0	0	0	0.35750643	11.76	0.654854706	0	0.65485471
306	23	0	0	1.414	0	0	0	0.36116717	11.76	0.510690389	0	0.51069039
306	24	0	0	1.120885	0	0	0	0.36521549	11.76	0.409364438	0	0.40936444
307	1	0	0.112	0.760116	0	0	0	0.36925007	11.76	0.280672751	0	0.28067275
307	2	0	0.326	0.864904	0	0	0	0.37123487	11.76	0.321082604	0	0.3210826
307	3	0	0.444	0.911429	0	0	0	0.37191172	11.76	0.33897101	0	0.33897101
307	4	0	0.491	1.043651	0	0	0	0.36095865	11.76	0.376714894	0	0.37671489
307	5	0	0.511	1.111659	0	0	0	0.3556188	11.76	0.395326904	0	0.3953269
307	6	0	0.496	1.469058	0	0	0	0.34288456	11.76	0.503717151	0	0.50371715
307	7	0	0.456	1.673604	0	0	0	0.32906511	11.76	0.550724684	0	0.55072468
307	8	0	0.519	2.047342	0	0	0	0.28614145	11.76	0.585829488	0	0.58582949
307	9	0	0.464	1.828514	0	0	0	0.28040683	11.76	0.512727706	0	0.51272771
307	10	0	0.375	1.737332	0	0	0	0.28349425	11.76	0.49252366	0	0.49252366
307	11	0	0.253	1.527327	0	0	0	0.28442021	11.76	0.434402778	0	0.43440278
307	12	0	0.17	1.403866	0	0	0	0.28579114	11.76	0.401212584	0	0.40121258
307	13	0	0.147	1.33818	0	0	0	0.29200174	11.76	0.390750874	0	0.39075087
307	14	0	0.088	1.212062	0	0	0	0.2846483	11.76	0.345011417	0	0.34501142
307	15	0	0	1.227726	0	0	0	0.29606732	11.76	0.363489476	0	0.36348948
307	16	0	0.09	1.31644	0	0	0	0.34217894	11.76	0.450457993	0	0.45045799
307	17	0	0.091	1.554949	0	0	0	0.34917305	11.76	0.542946297	0	0.5429463
307	18	0	0	1.866422	0	0	0	0.35725289	11.76	0.666784807	0	0.66678481
307	19	0	0	1.947834	0	0	0	0.35583584	11.76	0.693109247	0	0.69310925
307	20	0	0	2.133975	0	0	0	0.34785986	11.76	0.742324249	0	0.74232425
307	21	0	0	2.081969	0	0	0	0.35268728	11.76	0.734283815	0	0.73428382
307	22	0	0	1.832728	0	0	0	0.35750643	11.76	0.655212186	0	0.65521219
307	23	0	0.133	1.502	0	0	0	0.36116717	11.76	0.542473078	0	0.54247308
307	24	0	0.195	1.270885	0	0	0	0.36521549	11.76	0.464146752	0	0.46414675
308	1	0	0.27	0.918116	0	0	0	0.36925007	11.76	0.33901426	0	0.33901426
308	2	0	0.364	0.902904	0	0	0	0.37123487	11.76	0.335189546	0	0.33518955
308	3	0	0.369	0.836429	0	0	0	0.37191172	11.76	0.311077613	0	0.31107761
308	4	0	0.372	0.924651	0	0	0	0.36095865	11.76	0.33376083	0	0.33376083
308	5	0	0.417	1.017659	0	0	0	0.3556188	11.76	0.361898743	0	0.36189874
308	6	0	0.378	1.351058	0	0	0	0.34288456	11.76	0.463256763	0	0.46325676
308	7	0	0.38	1.597604	0	0	0	0.32906511	11.76	0.525715705	0	0.5257157
308	8	0	0.261	1.789342	0	0	0	0.28614145	11.76	0.512005024	0	0.51200502
308	9	0	0	1.410514	0	0	0	0.28040683	11.76	0.395517656	0	0.39551766
308	10	0	0	1.407332	0	0	0	0.28349425	11.76	0.398970546	0	0.39897055
308	11	0	0	1.319327	0	0	0	0.28442021	11.76	0.375243357	0	0.37524336
308	12	0	0	1.277866	0	0	0	0.28579114	11.76	0.365202921	0	0.36520292
308	13	0	0	1.23318	0	0	0	0.29200174	11.76	0.360090686	0	0.36009069
308	14	0	0	1.119062	0	0	0	0.2846483	11.76	0.318539144	0	0.31853914
308	15	0	0	1.175726	0	0	0	0.29606732	11.76	0.348093961	0	0.34809396
308	16	0	0	1.21944	0	0	0	0.34217894	11.76	0.417266595	0	0.41726659
308	17	0	0	1.457949	0	0	0	0.34917305	11.76	0.50907651	0	0.50907651
308	18	0	0	1.814422	0	0	0	0.35725289	11.76	0.648207683	0	0.64820768
308	19	0	0	1.895834	0	0	0	0.35583584	11.76	0.674605767	0	0.67460577
308	20	0	0	2.081975	0	0	0	0.34785986	11.76	0.724235521	0	0.72423552
308	21	0	0	2.076969	0	0	0	0.35268728	11.76	0.732520423	0	0.73252042
308	22	0	0	1.827728	0	0	0	0.35750643	11.76	0.653424656	0	0.65342466
308	23	0	0	1.41	0	0	0	0.36116717	11.76	0.509245696	0	0.5092457
308	24	0	0	1.117885	0	0	0	0.36521549	11.76	0.408268784	0	0.40826878
309	1	0	0	0.691116	0	0	0	0.36925007	11.76	0.255194493	0	0.25519449
309	2	0	0	0.581904	0	0	0	0.37123487	11.76	0.21602314	0	0.21602314
309	3	0	0	0.511429	0	0	0	0.37191172	11.76	0.190206309	0	0.19020631
309	4	0	0	0.596651	0	0	0	0.36095865	11.76	0.215366368	0	0.21536637
309	5	0	0	0.645659	0	0	0	0.3556188	11.76	0.229608534	0	0.22960853
309	6	0	0	1.018058	0	0	0	0.34288456	11.76	0.349076224	0	0.34907622
309	7	0	0	1.262604	0	0	0	0.32906511	11.76	0.415478881	0	0.41547888
309	8	0	0	1.573342	0	0	0	0.28614145	11.76	0.450198448	0	0.45019845
309	9	0	0	1.410514	0	0	0	0.28040683	11.76	0.395517656	0	0.39551766
309	10	0	0	1.407332	0	0	0	0.28349425	11.76	0.398970546	0	0.39897055
309	11	0	0	1.319327	0	0	0	0.28442021	11.76	0.375243357	0	0.37524336
309	12	0	0	1.278866	0	0	0	0.28579114	11.76	0.365488691	0	0.36548869
309	13	0	0	1.23518	0	0	0	0.29200174	11.76	0.360674682	0	0.36067468
309	14	0	0	1.167062	0	0	0	0.2846483	11.76	0.332202256	0	0.33220226
309	15	0	0	1.224726	0	0	0	0.29606732	11.76	0.362601267	0	0.36260127
309	16	0	0	1.26844	0	0	0	0.34217894	11.76	0.434033371	0	0.43403337
309	17	0	0	1.506949	0	0	0	0.34917305	11.76	0.526185998	0	0.526186
309	18	0	0	1.863423	0	0	0	0.35725289	11.76	0.665713084	0	0.66571308
309	19	0	0	1.943834	0	0	0	0.35583584	11.76	0.69168588	0	0.69168588
309	20	0	0	2.130975	0	0	0	0.34785986	11.76	0.741280662	0	0.74128066
309	21	0	0	2.079969	0	0	0	0.35268728	11.76	0.733578492	0	0.73357849
309	22	0	0	1.831728	0	0	0	0.35750643	11.76	0.654854706	0	0.65485471
309	23	0	0	1.414	0	0	0	0.36116717	11.76	0.510690389	0	0.51069039
309	24	0	0	1.120885	0	0	0	0.36521549	11.76	0.409364438	0	0.40936444
310	1	0	0.161	0.809116	0	0	0	0.36925007	11.76	0.298766013	0	0.29876601
310	2	0	0.351	0.889904	0	0	0	0.37123487	11.76	0.330363467	0	0.33036347
310	3	0	0.466	0.933429	0	0	0	0.37191172	11.76	0.347153051	0	0.34715305
310	4	0	0.581	1.133651	0	0	0	0.36095865	11.76	0.409201142	0	0.40920114
310	5	0	0.597	1.197659	0	0	0	0.3556188	11.76	0.425910109	0	0.42591011
310	6	0	0.5	1.473058	0	0	0	0.34288456	11.76	0.505088671	0	0.50508867
310	7	0	0.442	1.659604	0	0	0	0.32906511	11.76	0.546117753	0	0.54611775
310	8	0	0.428	1.956342	0	0	0	0.28614145	11.76	0.559790661	0	0.55979066
310	9	0	0.176	1.540514	0	0	0	0.28040683	11.76	0.431970542	0	0.43197054
310	10	0	0.144	1.506332	0	0	0	0.28349425	11.76	0.42703647	0	0.42703647
310	11	0	0.127	1.401327	0	0	0	0.28442021	11.76	0.398565819	0	0.39856582
310	12	0	0	1.279866	0	0	0	0.28579114	11.76	0.365774496	0	0.3657745
310	13	0	0.101	1.29218	0	0	0	0.29200174	11.76	0.377318793	0	0.37731879
310	14	0	0.123	1.247062	0	0	0	0.2846483	11.76	0.354974131	0	0.35497413
310	15	0	0.231	1.412726	0	0	0	0.29606732	11.76	0.418261914	0	0.41826191
310	16	0	0.276	1.50244	0	0	0	0.34217894	11.76	0.514103272	0	0.51410327
310	17	0	0.305	1.768949	0	0	0	0.34917305	11.76	0.617669324	0	0.61766932
310	18	0	0.245	2.065423	0	0	0	0.35725289	11.76	0.737878176	0	0.73787818
310	19	0	0.211	2.112834	0	0	0	0.35583584	11.76	0.751822148	0	0.75182215

310	20	0	0.159	2.246975	0	0	0	0.34785986	11.76	0.781632467	0	0.78163247
310	21	0	0.118	2.154969	0	0	0	0.35268728	11.76	0.760029971	0	0.76002997
310	22	0	0.103	1.889728	0	0	0	0.35750643	11.76	0.675590067	0	0.67559007
310	23	0	0.136	1.505	0	0	0	0.36116717	11.76	0.543556587	0	0.54355659
310	24	0	0.237	1.312885	0	0	0	0.36521549	11.76	0.479485823	0	0.47948582
311	1	0	0.368	1.016116	0	0	0	0.36925007	11.76	0.375200785	0	0.37520079
311	2	0	0.462	1.000904	0	0	0	0.37123487	11.76	0.371570537	0	0.37157054
311	3	0	0.5	0.967429	0	0	0	0.37191172	11.76	0.359798064	0	0.35979806
311	4	0	0.536	1.088651	0	0	0	0.36095865	11.76	0.392958061	0	0.39295806
311	5	0	0.544	1.144659	0	0	0	0.3556188	11.76	0.407062322	0	0.40706232
311	6	0	0.475	1.448058	0	0	0	0.34288456	11.76	0.496516566	0	0.49651657
311	7	0	0.477	1.694604	0	0	0	0.32906511	11.76	0.557635021	0	0.55763502
311	8	0	0.496	2.024343	0	0	0	0.28614145	11.76	0.579248302	0	0.5792483
311	9	0	0.453	1.817514	0	0	0	0.28040683	11.76	0.50964322	0	0.50964322
311	10	0	0.36	1.722332	0	0	0	0.28349425	11.76	0.488271216	0	0.48827122
311	11	0	0.29	1.564327	0	0	0	0.28442021	11.76	0.444926342	0	0.44492634
311	12	0	0.331	1.564866	0	0	0	0.28579114	11.76	0.447224962	0	0.44722496
311	13	0	0.284	1.47518	0	0	0	0.29200174	11.76	0.430755102	0	0.4307551
311	14	0	0.123	1.247062	0	0	0	0.2846483	11.76	0.354974131	0	0.35497413
311	15	0	0.188	1.369726	0	0	0	0.29606732	11.76	0.405531024	0	0.40553102
311	16	0	0.299	1.52544	0	0	0	0.34217894	11.76	0.521973347	0	0.52197335
311	17	0	0.364	1.827949	0	0	0	0.34917305	11.76	0.638270539	0	0.63827054
311	18	0	0.376	2.196423	0	0	0	0.35725289	11.76	0.78467832	0	0.78467832
311	19	0	0.391	2.292834	0	0	0	0.35583584	11.76	0.815872624	0	0.81587262
311	20	0	0.329	2.416975	0	0	0	0.34785986	11.76	0.840768586	0	0.84076859
311	21	0	0.365	2.401968	0	0	0	0.35268728	11.76	0.84714372	0	0.84714372
311	22	0	0.393	2.180728	0	0	0	0.35750643	11.76	0.779624442	0	0.77962444
311	23	0	0.503	1.872	0	0	0	0.36116717	11.76	0.676104932	0	0.67610493
311	24	0	0.595	1.670885	0	0	0	0.36521549	11.76	0.610232983	0	0.61023298
312	1	0	0.638	1.286116	0	0	0	0.36925007	11.76	0.474898298	0	0.4748983
312	2	0	0.699	1.237904	0	0	0	0.37123487	11.76	0.459553196	0	0.4595532
312	3	0	0.705	1.172429	0	0	0	0.37191172	11.76	0.436039937	0	0.43603994
312	4	0	0.64	1.192651	0	0	0	0.36095865	11.76	0.430497708	0	0.43049771
312	5	0	0.684	1.284659	0	0	0	0.3556188	11.76	0.456848949	0	0.45684895
312	6	0	0.67	1.643058	0	0	0	0.34288456	11.76	0.563379072	0	0.56337907
312	7	0	0.6	1.817604	0	0	0	0.32906511	11.76	0.598110038	0	0.59811004
312	8	0	0.617	2.145342	0	0	0	0.28614145	11.76	0.613871364	0	0.61387136
312	9	0	0.461	1.825514	0	0	0	0.28040683	11.76	0.511886479	0	0.51188648
312	10	0	0.292	1.654332	0	0	0	0.28349425	11.76	0.468993619	0	0.46899362
312	11	0	0	1.320327	0	0	0	0.28442021	11.76	0.37552779	0	0.37552779
312	12	0	0	1.279866	0	0	0	0.28579114	11.76	0.365774496	0	0.3657745
312	13	0	0.334	1.52518	0	0	0	0.29200174	11.76	0.445355176	0	0.44535518
312	14	0	0	1.170062	0	0	0	0.2846483	11.76	0.333056206	0	0.33305621
312	15	0	0.096	1.277726	0	0	0	0.29606732	11.76	0.378292828	0	0.37829283
312	16	0	0	1.27244	0	0	0	0.34217894	11.76	0.43540211	0	0.43540211
312	17	0	0.199	1.662949	0	0	0	0.34917305	11.76	0.580657	0	0.580657
312	18	0	0.303	2.123422	0	0	0	0.35725289	11.76	0.75859879	0	0.75859879
312	19	0	0.426	2.327834	0	0	0	0.35583584	11.76	0.828326824	0	0.82832682
312	20	0	0.426	2.513975	0	0	0	0.34785986	11.76	0.874511035	0	0.87451103
312	21	0	0.543	2.579968	0	0	0	0.35268728	11.76	0.909922046	0	0.90992205
312	22	0	0.608	2.395728	0	0	0	0.35750643	11.76	0.856488294	0	0.85648829
312	23	0	0.708	2.077	0	0	0	0.36116717	11.76	0.75014426	0	0.75014426
312	24	0	0.896	1.971885	0	0	0	0.36521549	11.76	0.720162845	0	0.72016284
313	1	0	0.885	1.533116	0	0	0	0.36925007	11.76	0.566103059	0	0.56610306
313	2	0	1.104	1.642904	0	0	0	0.37123487	11.76	0.609903306	0	0.60990331
313	3	0	1.023	1.490429	0	0	0	0.37191172	11.76	0.554307893	0	0.55430789
313	4	0	1.118	1.670651	0	0	0	0.36095865	11.76	0.603036002	0	0.603036
313	5	0	1.209	1.809659	0	0	0	0.3556188	11.76	0.643548813	0	0.64354881
313	6	0	1.068	2.041058	0	0	0	0.34288456	11.76	0.699847127	0	0.69984713
313	7	0	1.174	2.391604	0	0	0	0.32906511	11.76	0.78699341	0	0.78699341
313	8	0	1.141	2.669343	0	0	0	0.28614145	11.76	0.76380953	0	0.76380953
313	9	0	1.099	2.463514	0	0	0	0.28040683	11.76	0.690786039	0	0.69078604
313	10	0	0.854	2.216332	0	0	0	0.28349425	11.76	0.628317363	0	0.62831736
313	11	0	0.824	2.098327	0	0	0	0.28442021	11.76	0.596806709	0	0.59680671
313	12	0	0.68	1.913867	0	0	0	0.28579114	11.76	0.546966098	0	0.5469661
313	13	0	0.427	1.61818	0	0	0	0.29200174	11.76	0.472511353	0	0.47251135
313	14	0	0.661	1.785062	0	0	0	0.2846483	11.76	0.508114911	0	0.50811491
313	15	0	0.668	1.850726	0	0	0	0.29606732	11.76	0.547939391	0	0.54793939
313	16	0	0.642	1.86844	0	0	0	0.34217894	11.76	0.639340741	0	0.63934074
313	17	0	0.774	2.237949	0	0	0	0.34917305	11.76	0.781431519	0	0.78143152
313	18	0	0.78	2.600422	0	0	0	0.35725289	11.76	0.929008419	0	0.92900842
313	19	0	0.857	2.758834	0	0	0	0.35583584	11.76	0.981692156	0	0.98169216
313	20	0	0.907	2.994975	0	0	0	0.34785986	11.76	1.041831608	0	1.04183161
313	21	0	0.933	2.969969	0	0	0	0.35268728	11.76	1.047470121	0	1.04747012
313	22	0	1.11	2.897728	0	0	0	0.35750643	11.76	1.035956557	0	1.03595656
313	23	0	1.353	2.722	0	0	0	0.36116717	11.76	0.983097077	0	0.98309708
313	24	0	1.566	2.641885	0	0	0	0.36521549	11.76	0.964857163	0	0.96485716
314	1	0	1.685	2.333116	0	0	0	0.36925007	11.76	0.861503101	0	0.8615031
314	2	0	1.725	2.263904	0	0	0	0.37123487	11.76	0.840440221	0	0.84044022
314	3	0	1.747	2.215429	0	0	0	0.37191172	11.76	0.823943852	0	0.82394385
314	4	0	1.828	2.381651	0	0	0	0.36095865	11.76	0.859677591	0	0.85967759
314	5	0	1.733	2.334659	0	0	0	0.3556188	11.76	0.830248677	0	0.83024868
314	6	0	1.71	2.683058	0	0	0	0.34288456	11.76	0.919978999	0	0.919979
314	7	0	1.733	2.950604	0	0	0	0.32906511	11.76	0.97094081	0	0.97094081
314	8	0	1.554	3.082342	0	0	0	0.28614145	11.76	0.88198591	0	0.88198591
314	9	0	1.126	2.490514	0	0	0	0.28040683	11.76	0.698357009	0	0.69835701
314	10	0	0.773	2.135332	0	0	0	0.28349425	11.76	0.605354371	0	0.60535437
314	11	0	0.215	1.489327	0	0	0	0.28442021	11.76	0.423594813	0	0.42359481
314	12	0	0.096	1.329866	0	0	0	0.28579114	11.76	0.380064039	0	0.38006404
314	13	0	0.096	1.28718	0	0	0	0.29200174	11.76	0.375858786	0	0.37585879
314	14	0	0	1.169062	0	0	0	0.2846483	11.76	0.332771545	0	0.33277154
314	15	0	0	1.226726	0	0	0	0.29606732	11.76	0.363193395	0	0.36319339
314	16	0	0.096	1.32044	0	0	0	0.34217894	11.76	0.451826692	0	0.45182669
314	17	0	0.096	1.557949	0	0	0	0.34917305	11.76	0.543993823	0	0.54399382
314	18	0	0.096	1.915422	0	0	0	0.35725289	11.76	0.684290208	0	0.68429021
314	19	0	0.214	2.114834	0	0	0	0.35583584	11.76	0.752533853	0	0.75253385
314	20	0	0.499	2.586975	0	0	0	0.34785986	11.76	0.899904789	0	0.89990479
314	21	0	0.758	2.794969	0	0	0	0.35268728	11.76	0.985749864	0	0.98574986
314	22	0	1.073	2.860728	0	0	0	0.35750643	11.76	1.022728755	0	1.02272875
314	23	0	1.319	2.688	0	0	0	0.36116717	11.76	0.970817337	0	0.97081734
314	24	0	1.557	2.632885	0	0	0	0.36521549	11.76	0.961570287	0	0.96157029
315	1	0	1.729	2.377115	0	0	0	0.36925007	11.76	0.877750071	0	0.87775007
315	2	0	2.015	2.553904	0	0	0	0.37123487	11.76	0.94809823	0	0.94809823
315	3	0	1.999	2.467429	0	0	0	0.37191172	11.76	0.91766564	0	0.91766564
315	4	0	2.112	2.665651	0	0	0	0.36095865	11.76	0.962189819	0	0.96218982
315	5	0	2.234	2.835659	0	0	0	0.3556188	11.76	1.008413672	0	1.00841367
315	6	0	2.26	3.233057	0	0	0	0.34288456	11.76	1.108565489	0	1.10856549
315	7	0	2.299	3.516604	0	0	0	0.32906511	11.76	1.157191656	0	1.15719166
315	8	0	2.182	3.710342	0	0	0	0.28614145	11.76	1.061682744	0	1.06168274
315	9	0	2.056	3.420514	0	0	0	0.28040683	11.76	0.959135379	0	0.95913538
315	10	0	1.226	2.588332	0	0	0	0.28349425	11.76	0.733777285	0	0.73377729

315	11	0	0.528	1.802327	0	0	0	0.28442021	11.76	0.512618327	0	0.51261833
315	12	0	0.096	1.329866	0	0	0	0.28579114	11.76	0.380064039	0	0.38006404
315	13	0	0.096	1.28718	0	0	0	0.29200174	11.76	0.375858786	0	0.37585879
315	14	0	0.096	1.219062	0	0	0	0.2846483	11.76	0.34700398	0	0.34700398
315	15	0	0.096	1.276726	0	0	0	0.29606732	11.76	0.377996782	0	0.37799678
315	16	0	0.096	1.32044	0	0	0	0.34217894	11.76	0.451826692	0	0.45182669
315	17	0	0.096	1.557949	0	0	0	0.34917305	11.76	0.543993823	0	0.54399382
315	18	0	0.096	1.914423	0	0	0	0.35725289	11.76	0.683932981	0	0.68393298
315	19	0	0.096	1.996834	0	0	0	0.35583584	11.76	0.710545212	0	0.71054521
315	20	0	0.583	2.670975	0	0	0	0.34785986	11.76	0.929125055	0	0.92912506
315	21	0	1.031	3.067969	0	0	0	0.35268728	11.76	1.082033491	0	1.08203349
315	22	0	1.321	3.108728	0	0	0	0.35750643	11.76	1.111390402	0	1.1113904
315	23	0	1.685	3.054	0	0	0	0.36116717	11.76	1.103004584	0	1.10300458
315	24	0	1.813	2.888885	0	0	0	0.36521549	11.76	1.055065381	0	1.05506538
316	1	0	1.945	2.593116	0	0	0	0.36925007	11.76	0.957508117	0	0.95750812
316	2	0	1.968	2.506904	0	0	0	0.37123487	11.76	0.930650305	0	0.9306503
316	3	0	2.049	2.517429	0	0	0	0.37191172	11.76	0.936261208	0	0.93626121
316	4	0	2.087	2.640651	0	0	0	0.36095865	11.76	0.953165904	0	0.9531659
316	5	0	2.153	2.754659	0	0	0	0.3556188	11.76	0.979608601	0	0.9796086
316	6	0	2.103	3.076057	0	0	0	0.34288456	11.76	1.054732591	0	1.05473259
316	7	0	2.006	3.223604	0	0	0	0.32906511	11.76	1.060775585	0	1.06077559
316	8	0	1.929	3.457342	0	0	0	0.28614145	11.76	0.989288952	0	0.98928895
316	9	0	1.724	3.088514	0	0	0	0.28040683	11.76	0.866040307	0	0.86604031
316	10	0	1.612	2.974332	0	0	0	0.28349425	11.76	0.843206042	0	0.84320604
316	11	0	1.387	2.661327	0	0	0	0.28442021	11.76	0.756935274	0	0.75693527
316	12	0	1.179	2.412867	0	0	0	0.28579114	11.76	0.689575898	0	0.6895759
316	13	0	0.919	2.11018	0	0	0	0.29200174	11.76	0.616176205	0	0.61617621
316	14	0	0.781	1.905062	0	0	0	0.2846483	11.76	0.542272708	0	0.54227271
316	15	0	0.096	1.278726	0	0	0	0.29606732	11.76	0.378588909	0	0.37858891
316	16	0	0.161	1.38744	0	0	0	0.34217894	11.76	0.474752691	0	0.47475269
316	17	0	0.68	2.143949	0	0	0	0.34917305	11.76	0.748609217	0	0.74860922
316	18	0	0.9	2.720423	0	0	0	0.35725289	11.76	0.971878811	0	0.97187881
316	19	0	1.122	3.023834	0	0	0	0.35583584	11.76	1.075988607	0	1.07598861
316	20	0	1.189	3.276975	0	0	0	0.34785986	11.76	1.13992811	0	1.13992811
316	21	0	1.215	3.251969	0	0	0	0.35268728	11.76	1.146927956	0	1.14692796
316	22	0	1.37	3.157728	0	0	0	0.35750643	11.76	1.128908226	0	1.12890823
316	23	0	1.522	2.891	0	0	0	0.36116717	11.76	1.044134297	0	1.0441343
316	24	0	1.738	2.813884	0	0	0	0.36521549	11.76	1.027674202	0	1.0276742
317	1	0	1.934	2.582116	0	0	0	0.36925007	11.76	0.953446396	0	0.9534464
317	2	0	2.095	2.633904	0	0	0	0.37123487	11.76	0.977797079	0	0.97779708
317	3	0	2.053	2.521429	0	0	0	0.37191172	11.76	0.937748836	0	0.93774884
317	4	0	2.126	2.679651	0	0	0	0.36095865	11.76	0.967243218	0	0.96724322
317	5	0	2.221	2.822659	0	0	0	0.3556188	11.76	1.003790623	0	1.00379062
317	6	0	2.114	3.087058	0	0	0	0.34288456	11.76	1.058504375	0	1.05850437
317	7	0	2.084	3.301604	0	0	0	0.32906511	11.76	1.086442686	0	1.08644269
317	8	0	2.109	3.637342	0	0	0	0.28614145	11.76	1.040794432	0	1.04079443
317	9	0	1.934	3.298514	0	0	0	0.28040683	11.76	0.924925751	0	0.92492575
317	10	0	1.503	2.865332	0	0	0	0.28349425	11.76	0.812305178	0	0.81230518
317	11	0	0.874	2.148327	0	0	0	0.28442021	11.76	0.611027706	0	0.61102771
317	12	0	0.375	1.608866	0	0	0	0.28579114	11.76	0.459799781	0	0.45979978
317	13	0	0.096	1.28718	0	0	0	0.29200174	11.76	0.375858786	0	0.37585879
317	14	0	0.096	1.220062	0	0	0	0.2846483	11.76	0.347288608	0	0.34728861
317	15	0	0.332	1.513726	0	0	0	0.29606732	11.76	0.448164734	0	0.44816473
317	16	0	0.583	1.80944	0	0	0	0.34217894	11.76	0.619152179	0	0.61915218
317	17	0	0.854	2.317949	0	0	0	0.34917305	11.76	0.809365336	0	0.80936534
317	18	0	0.989	2.809422	0	0	0	0.35725289	11.76	1.003674313	0	1.00367431
317	19	0	1.138	3.039834	0	0	0	0.35583584	11.76	1.081681992	0	1.08168199
317	20	0	1.085	3.172975	0	0	0	0.34785986	11.76	1.103750653	0	1.10375065
317	21	0	1.371	3.407969	0	0	0	0.35268728	11.76	1.201947135	0	1.20194713
317	22	0	1.434	3.221728	0	0	0	0.35750643	11.76	1.151788599	0	1.1517886
317	23	0	1.709	3.078	0	0	0	0.36116717	11.76	1.11167257	0	1.11167257
317	24	0	1.678	2.753885	0	0	0	0.36521549	11.76	1.00576138	0	1.00576138
318	1	0	1.705	2.353116	0	0	0	0.36925007	11.76	0.868888096	0	0.8688881
318	2	0	1.734	2.272904	0	0	0	0.37123487	11.76	0.84378127	0	0.84378127
318	3	0	1.715	2.183429	0	0	0	0.37191172	11.76	0.812042742	0	0.81204274
318	4	0	1.772	2.325651	0	0	0	0.36095865	11.76	0.839463908	0	0.83946391
318	5	0	1.766	2.367659	0	0	0	0.3556188	11.76	0.841984094	0	0.84198409
318	6	0	1.609	2.582057	0	0	0	0.34288456	11.76	0.885347634	0	0.88534763
318	7	0	1.666	2.883604	0	0	0	0.32906511	11.76	0.948893477	0	0.94889348
318	8	0	1.599	3.127342	0	0	0	0.28614145	11.76	0.894862296	0	0.8948623
318	9	0	1.545	2.909513	0	0	0	0.28040683	11.76	0.815847445	0	0.81584745
318	10	0	1.648	3.010332	0	0	0	0.28349425	11.76	0.853411839	0	0.85341184
318	11	0	1.485	2.759327	0	0	0	0.28442021	11.76	0.784808469	0	0.78480847
318	12	0	1.364	2.597867	0	0	0	0.28579114	11.76	0.742447243	0	0.74244724
318	13	0	1.282	2.47318	0	0	0	0.29200174	11.76	0.722172882	0	0.72217288
318	14	0	1.31	2.434062	0	0	0	0.2846483	11.76	0.692851601	0	0.6928516
318	15	0	1.141	2.323726	0	0	0	0.29606732	11.76	0.68797925	0	0.68797925
318	16	0	1.127	2.35344	0	0	0	0.34217894	11.76	0.80529753	0	0.80529753
318	17	0	1.171	2.634949	0	0	0	0.34917305	11.76	0.920053162	0	0.92005316
318	18	0	1.215	3.035423	0	0	0	0.35725289	11.76	1.084413493	0	1.08441349
318	19	0	1.2	3.101834	0	0	0	0.35583584	11.76	1.103743827	0	1.10374383
318	20	0	1.053	3.140975	0	0	0	0.34785986	11.76	1.092619115	0	1.09261912
318	21	0	1.194	3.230968	0	0	0	0.35268728	11.76	1.139521471	0	1.13952147
318	22	0	1.318	3.105728	0	0	0	0.35750643	11.76	1.110317875	0	1.11031787
318	23	0	1.402	2.771	0	0	0	0.36116717	11.76	1.000794278	0	1.00079428
318	24	0	1.481	2.556885	0	0	0	0.36521549	11.76	0.933813919	0	0.93381392
319	1	0	1.59	2.238116	0	0	0	0.36925007	11.76	0.826424333	0	0.82642433
319	2	0	1.632	2.170904	0	0	0	0.37123487	11.76	0.805915314	0	0.80591531
319	3	0	1.723	2.191429	0	0	0	0.37191172	11.76	0.815017997	0	0.815018
319	4	0	1.714	2.267651	0	0	0	0.36095865	11.76	0.818528275	0	0.81852827
319	5	0	1.65	2.251659	0	0	0	0.3556188	11.76	0.800732336	0	0.80073234
319	6	0	1.562	2.535058	0	0	0	0.34288456	11.76	0.869232083	0	0.86923208
319	7	0	1.406	2.623604	0	0	0	0.32906511	11.76	0.863336473	0	0.86333647
319	8	0	1.348	2.876343	0	0	0	0.28614145	11.76	0.823040814	0	0.82304081
319	9	0	0.555	1.919514	0	0	0	0.28040683	11.76	0.538244749	0	0.53824475
319	10	0	0.202	1.564332	0	0	0	0.28349425	11.76	0.443479127	0	0.44347913
319	11	0	0.096	1.370327	0	0	0	0.28442021	11.76	0.389748787	0	0.38974879
319	12	0	0.096	1.329866	0	0	0	0.28579114	11.76	0.380064039	0	0.38006404
319	13	0	0.096	1.28618	0	0	0	0.29200174	11.76	0.37556677	0	0.37556677
319	14	0	0	1.168062	0	0	0	0.2846483	11.76	0.332486883	0	0.33248688
319	15	0	0.096	1.275726	0	0	0	0.29606732	11.76	0.377700701	0	0.3777007
319	16	0	0.096	1.31944	0	0	0	0.34217894	11.76	0.451484497	0	0.4514845
319	17	0	0.096	1.556949	0	0	0	0.34917305	11.76	0.543644634	0	0.54364463
319	18	0	0.096	1.914423	0	0	0	0.35725289	11.76	0.683932981	0	0.68393298
319	19	0	0.096	1.995834	0	0	0	0.35583584	11.76	0.71018936	0	0.71018936
319	20	0	0.096	2.182975	0	0	0	0.34785986	11.76	0.759369391	0	0.75936939
319	21	0	0.157	2.192969	0	0	0	0.35268728	11.76	0.773432125	0	0.77343212
319	22	0	0.443	2.229728	0	0	0	0.35750643	11.76	0.797142266	0	0.79714227
319	23	0	0.732	2.101	0	0	0	0.36116717	11.76	0.758812247	0	0.75881225
319	24	0	1.046	2.121885	0	0	0	0.36521549	11.76	0.774945116	0	0.77494512
320	1	0	1.327	1.975116	0	0	0	0.36925007	11.76	0.72931156	0	0.72931156

320	2	0	1.425	1.963904	0	0	0	0.37123487	11.76	0.729069691	0	0.72906969
320	3	0	1.523	1.991429	0	0	0	0.37191172	11.76	0.740635636	0	0.74063564
320	4	0	1.544	2.097651	0	0	0	0.36095865	11.76	0.757165363	0	0.75716536
320	5	0	1.537	2.138659	0	0	0	0.3556188	11.76	0.760547356	0	0.76054736
320	6	0	1.695	2.668058	0	0	0	0.34288456	11.76	0.914835776	0	0.91483578
320	7	0	1.778	2.995604	0	0	0	0.32906511	11.76	0.985748687	0	0.98574869
320	8	0	1.663	3.191343	0	0	0	0.28614145	11.76	0.913175386	0	0.91317539
320	9	0	1.462	2.826514	0	0	0	0.28040683	11.76	0.792573761	0	0.79257376
320	10	0	1.274	2.636332	0	0	0	0.28349425	11.76	0.747384969	0	0.74738497
320	11	0	0.564	1.838327	0	0	0	0.28442021	11.76	0.522857459	0	0.52285746
320	12	0	0.444	1.677866	0	0	0	0.28579114	11.76	0.479519371	0	0.47951937
320	13	0	0.414	1.60518	0	0	0	0.29200174	11.76	0.468715327	0	0.46871533
320	14	0	0.33	1.454062	0	0	0	0.2846483	11.76	0.4138963	0	0.4138963
320	15	0	0.356	1.537726	0	0	0	0.29606732	11.76	0.455270329	0	0.45527033
320	16	0	0.571	1.79744	0	0	0	0.34217894	11.76	0.615046043	0	0.61504604
320	17	0	0.702	2.165949	0	0	0	0.34917305	11.76	0.75629105	0	0.75629105
320	18	0	0.697	2.517422	0	0	0	0.35725289	11.76	0.899356449	0	0.89935645
320	19	0	0.827	2.728834	0	0	0	0.35583584	11.76	0.971017006	0	0.97101701
320	20	0	0.953	3.040975	0	0	0	0.34785986	11.76	1.057833163	0	1.05783316
320	21	0	1.081	3.117969	0	0	0	0.35268728	11.76	1.099667838	0	1.09966784
320	22	0	1.244	3.031729	0	0	0	0.35750643	11.76	1.083862441	0	1.08386244
320	23	0	1.451	2.82	0	0	0	0.36116717	11.76	1.018491392	0	1.01849139
320	24	0	1.665	2.740885	0	0	0	0.36521549	11.76	1.001013488	0	1.00101349
321	1	0	1.699	2.347116	0	0	0	0.36925007	11.76	0.866672668	0	0.86667267
321	2	0	1.653	2.191904	0	0	0	0.37123487	11.76	0.813711301	0	0.8137113
321	3	0	1.808	2.276429	0	0	0	0.37191172	11.76	0.846630508	0	0.84663051
321	4	0	1.781	2.334651	0	0	0	0.36095865	11.76	0.842712559	0	0.84271256
321	5	0	1.795	2.396659	0	0	0	0.3556188	11.76	0.852297055	0	0.85229706
321	6	0	1.53	2.503057	0	0	0	0.34288456	11.76	0.858259755	0	0.85825976
321	7	0	1.248	2.465604	0	0	0	0.32906511	11.76	0.811344267	0	0.81134427
321	8	0	1.318	2.846343	0	0	0	0.28614145	11.76	0.814456579	0	0.81445658
321	9	0	1.187	2.551514	0	0	0	0.28040683	11.76	0.715461856	0	0.71546186
321	10	0	0.971	2.333332	0	0	0	0.28349425	11.76	0.66148622	0	0.66148622
321	11	0	0.848	2.122327	0	0	0	0.28442021	11.76	0.603632774	0	0.60363277
321	12	0	0.696	1.929866	0	0	0	0.28579114	11.76	0.551538731	0	0.55153873
321	13	0	0.44	1.63118	0	0	0	0.29200174	11.76	0.476307379	0	0.47630738
321	14	0	0.37	1.494062	0	0	0	0.2846483	11.76	0.425282254	0	0.42528225
321	15	0	0.333	1.514726	0	0	0	0.29606732	11.76	0.44846078	0	0.44846078
321	16	0	0.418	1.64444	0	0	0	0.34217894	11.76	0.562692667	0	0.56269267
321	17	0	0.46	1.923949	0	0	0	0.34917305	11.76	0.671791137	0	0.67179114
321	18	0	0.509	2.329422	0	0	0	0.35725289	11.76	0.832192918	0	0.83219292
321	19	0	0.506	2.407834	0	0	0	0.35583584	11.76	0.856793749	0	0.85679375
321	20	0	0.491	2.578975	0	0	0	0.34785986	11.76	0.897121946	0	0.89712195
321	21	0	0.499	2.535969	0	0	0	0.35268728	11.76	0.894403838	0	0.89440384
321	22	0	0.548	2.335728	0	0	0	0.35750643	11.76	0.835037929	0	0.83503793
321	23	0	0.713	2.082	0	0	0	0.36116717	11.76	0.751950052	0	0.75195005
321	24	0	0.794	1.869885	0	0	0	0.36521549	11.76	0.682910865	0	0.68291087
322	1	0	0.991	1.639116	0	0	0	0.36925007	11.76	0.605243547	0	0.60524355
322	2	0	1.05	1.588904	0	0	0	0.37123487	11.76	0.589856616	0	0.58985662
322	3	0	1.066	1.533429	0	0	0	0.37191172	11.76	0.57030009	0	0.57030009
322	4	0	0.95	1.502651	0	0	0	0.36095865	11.76	0.542394912	0	0.54239491
322	5	0	0.96	1.560659	0	0	0	0.3556188	11.76	0.554999747	0	0.55499975
322	6	0	0.927	1.900058	0	0	0	0.34288456	11.76	0.651500393	0	0.65150039
322	7	0	0.815	2.032604	0	0	0	0.32906511	11.76	0.668859047	0	0.66885905
322	8	0	0.764	2.292342	0	0	0	0.28614145	11.76	0.655934178	0	0.65593418
322	9	0	0.654	2.018514	0	0	0	0.28040683	11.76	0.566005019	0	0.56600502
322	10	0	0.469	1.831332	0	0	0	0.28349425	11.76	0.51917208	0	0.51917208
322	11	0	0.327	1.601327	0	0	0	0.28442021	11.76	0.455449873	0	0.45544987
322	12	0	0.19	1.423867	0	0	0	0.28579114	11.76	0.406928436	0	0.40692844
322	13	0	0.125	1.31618	0	0	0	0.29200174	11.76	0.384326849	0	0.38432685
322	14	0	0	1.170062	0	0	0	0.2846483	11.76	0.333056206	0	0.33305621
322	15	0	0	1.227726	0	0	0	0.29606732	11.76	0.363489476	0	0.36348948
322	16	0	0.202	1.42844	0	0	0	0.34217894	11.76	0.48878203	0	0.48878203
322	17	0	0.26	1.723949	0	0	0	0.34917305	11.76	0.601956552	0	0.60195655
322	18	0	0.252	2.072423	0	0	0	0.35725289	11.76	0.740378935	0	0.74037894
322	19	0	0.247	2.148834	0	0	0	0.35583584	11.76	0.764632243	0	0.76463224
322	20	0	0.214	2.301975	0	0	0	0.34785986	11.76	0.800764699	0	0.8007647
322	21	0	0.225	2.261969	0	0	0	0.35268728	11.76	0.797767549	0	0.79776755
322	22	0	0.283	2.069728	0	0	0	0.35750643	11.76	0.739941206	0	0.73994121
322	23	0	0.395	1.764	0	0	0	0.36116717	11.76	0.637098907	0	0.63709891
322	24	0	0.53	1.605885	0	0	0	0.36521549	11.76	0.586493955	0	0.58649396
323	1	0	0.638	1.286116	0	0	0	0.36925007	11.76	0.474898298	0	0.4748983
323	2	0	0.661	1.199904	0	0	0	0.37123487	11.76	0.445446276	0	0.44544628
323	3	0	0.673	1.140429	0	0	0	0.37191172	11.76	0.424138783	0	0.42413878
323	4	0	0.773	1.325651	0	0	0	0.36095865	11.76	0.478505257	0	0.47850526
323	5	0	0.792	1.392659	0	0	0	0.3556188	11.76	0.495255794	0	0.49525579
323	6	0	0.73	1.703058	0	0	0	0.34288456	11.76	0.583952126	0	0.58395213
323	7	0	0.706	1.923604	0	0	0	0.32906511	11.76	0.632990922	0	0.63299092
323	8	0	0.725	2.253342	0	0	0	0.28614145	11.76	0.644774651	0	0.64477465
323	9	0	0.52	1.884514	0	0	0	0.28040683	11.76	0.528430486	0	0.52843049
323	10	0	0	1.408332	0	0	0	0.28349425	11.76	0.399254019	0	0.39925402
323	11	0	0	1.320327	0	0	0	0.28442021	11.76	0.37552779	0	0.37552779
323	12	0	0	1.279866	0	0	0	0.28579114	11.76	0.365774496	0	0.3657745
323	13	0	0	1.23618	0	0	0	0.29200174	11.76	0.360966697	0	0.3609667
323	14	0	0	1.169062	0	0	0	0.2846483	11.76	0.332771545	0	0.33277154
323	15	0	0	1.227726	0	0	0	0.29606732	11.76	0.363489476	0	0.36348948
323	16	0	0	1.27144	0	0	0	0.34217894	11.76	0.435059915	0	0.43505992
323	17	0	0	1.508949	0	0	0	0.34917305	11.76	0.526884335	0	0.52688434
323	18	0	0	1.865422	0	0	0	0.35725289	11.76	0.66642758	0	0.66642758
323	19	0	0.083	1.983834	0	0	0	0.35583584	11.76	0.705919342	0	0.70591934
323	20	0	0.18	2.267975	0	0	0	0.34785986	11.76	0.788937492	0	0.78893749
323	21	0	0.318	2.354969	0	0	0	0.35268728	11.76	0.830567443	0	0.83056744
323	22	0	0.494	2.280728	0	0	0	0.35750643	11.76	0.815375051	0	0.81537505
323	23	0	0.693	2.062	0	0	0	0.36116717	11.76	0.744726715	0	0.74472672
323	24	0	0.795	1.870885	0	0	0	0.36521549	11.76	0.683276054	0	0.68327605
324	1	0	0.814	1.462116	0	0	0	0.36925007	11.76	0.539886311	0	0.53988631
324	2	0	0.921	1.459904	0	0	0	0.37123487	11.76	0.541967337	0	0.54196734
324	3	0	0.916	1.383429	0	0	0	0.37191172	11.76	0.514513341	0	0.51451334
324	4	0	0.977	1.529651	0	0	0	0.36095865	11.76	0.552140821	0	0.55214082
324	5	0	0.927	1.527659	0	0	0	0.3556188	11.76	0.54326433	0	0.54326433
324	6	0	0.957	1.930058	0	0	0	0.34288456	11.76	0.66178692	0	0.66178692
324	7	0	0.936	2.153604	0	0	0	0.32906511	11.76	0.708675942	0	0.70867594
324	8	0	0.931	2.459342	0	0	0	0.28614145	11.76	0.703719815	0	0.70371981
324	9	0	0.674	2.038514	0	0	0	0.28040683	11.76	0.57161315	0	0.57161315
324	10	0	0.53	1.892332	0	0	0	0.28349425	11.76	0.53646526	0	0.53646526
324	11	0	0.349	1.623327	0	0	0	0.28442021	11.76	0.461707105	0	0.4617071
324	12	0	0.271	1.504866	0	0	0	0.28579114	11.76	0.43007751	0	0.43007751
324	13	0	0.235	1.42618	0	0	0	0.29200174	11.76	0.41644701	0	0.41644701
324	14	0	0.279	1.403062	0	0	0	0.2846483	11.76	0.399379237	0	0.39937924
324	15	0	0.369	1.550726	0	0	0	0.29606732	11.76	0.459119208	0	0.45911921
324	16	0	0.458	1.68444	0	0	0	0.34217894	11.76	0.576379812	0	0.57637981

324	17	0	0.434	1.897949	0	0	0	0.34917305	11.76	0.662712671	0	0.66271267
324	18	0	0.445	2.265422	0	0	0	0.35725289	11.76	0.809328686	0	0.80932869
324	19	0	0.4	2.301834	0	0	0	0.35583584	11.76	0.819075169	0	0.81907517
324	20	0	0.394	2.481975	0	0	0	0.34785986	11.76	0.863379497	0	0.8633795
324	21	0	0.381	2.417969	0	0	0	0.35268728	11.76	0.852786728	0	0.85278673
324	22	0	0.428	2.215729	0	0	0	0.35750643	11.76	0.792137198	0	0.7921372
324	23	0	0.529	1.898	0	0	0	0.36116717	11.76	0.685495287	0	0.68549529
324	24	0	0.624	1.699885	0	0	0	0.36521549	11.76	0.620824204	0	0.6208242
325	1	0	0.709	1.357116	0	0	0	0.36925007	11.76	0.501115046	0	0.50111505
325	2	0	0.765	1.303904	0	0	0	0.37123487	11.76	0.484054692	0	0.48405469
325	3	0	0.767	1.234429	0	0	0	0.37191172	11.76	0.459098477	0	0.45909848
325	4	0	0.645	1.197651	0	0	0	0.36095865	11.76	0.432302543	0	0.43230254
325	5	0	0.595	1.195659	0	0	0	0.3556188	11.76	0.425198881	0	0.42519888
325	6	0	0.555	1.528058	0	0	0	0.34288456	11.76	0.523947345	0	0.52394734
325	7	0	0.546	1.763604	0	0	0	0.32906511	11.76	0.580340515	0	0.58034052
325	8	0	0.539	2.067343	0	0	0	0.28614145	11.76	0.591552379	0	0.59155238
325	9	0	0.501	1.865514	0	0	0	0.28040683	11.76	0.523102742	0	0.52310274
325	10	0	0.438	1.800332	0	0	0	0.28349425	11.76	0.510383787	0	0.51038379
325	11	0	0.4	1.674327	0	0	0	0.28442021	11.76	0.476212535	0	0.47621254
325	12	0	0.705	1.938866	0	0	0	0.28579114	11.76	0.55411087	0	0.55411087
325	13	0	0.719	1.91018	0	0	0	0.29200174	11.76	0.557775843	0	0.55777584
325	14	0	0.734	1.858062	0	0	0	0.2846483	11.76	0.528894223	0	0.52889422
325	15	0	0.696	1.878726	0	0	0	0.29606732	11.76	0.55622931	0	0.55622931
325	16	0	0.603	1.82944	0	0	0	0.34217894	11.76	0.625995751	0	0.62599575
325	17	0	0.768	2.231949	0	0	0	0.34917305	11.76	0.779336466	0	0.77933647
325	18	0	0.774	2.594422	0	0	0	0.35725289	11.76	0.926864887	0	0.92686489
325	19	0	0.851	2.752834	0	0	0	0.35583584	11.76	0.979557126	0	0.97955713
325	20	0	1.069	3.156975	0	0	0	0.34785986	11.76	1.098184884	0	1.09818488
325	21	0	1.141	3.177969	0	0	0	0.35268728	11.76	1.120829055	0	1.12082905
325	22	0	1.285	3.072729	0	0	0	0.35750643	11.76	1.098520251	0	1.09852025
325	23	0	1.455	2.824	0	0	0	0.36116717	11.76	1.019936128	0	1.01993613
325	24	0	1.601	2.676885	0	0	0	0.36521549	11.76	0.977639736	0	0.97763974
326	1	0	1.747	2.395116	0	0	0	0.36925007	11.76	0.884396619	0	0.88439662
326	2	0	1.95	2.488904	0	0	0	0.37123487	11.76	0.923968031	0	0.92396803
326	3	0	1.872	2.340429	0	0	0	0.37191172	11.76	0.870432817	0	0.87043282
326	4	0	1.896	2.449651	0	0	0	0.36095865	11.76	0.884222721	0	0.88422272
326	5	0	1.945	2.546659	0	0	0	0.3556188	11.76	0.90563991	0	0.90563991
326	6	0	1.976	2.949058	0	0	0	0.34288456	11.76	1.011186302	0	1.0111863
326	7	0	2.018	3.235604	0	0	0	0.32906511	11.76	1.064724394	0	1.06472439
326	8	0	1.991	3.519342	0	0	0	0.28614145	11.76	1.007029732	0	1.00702973
326	9	0	1.684	3.048514	0	0	0	0.28040683	11.76	0.854824044	0	0.85482404
326	10	0	1.2	2.562332	0	0	0	0.28349425	11.76	0.726406428	0	0.72640643
326	11	0	1.008	2.282327	0	0	0	0.28442021	11.76	0.649140031	0	0.64914003
326	12	0	0.455	1.688866	0	0	0	0.28579114	11.76	0.48266305	0	0.48266305
326	13	0	0.418	1.60918	0	0	0	0.29200174	11.76	0.469883354	0	0.46988335
326	14	0	0.501	1.625062	0	0	0	0.2846483	11.76	0.462571159	0	0.46257116
326	15	0	0.456	1.637726	0	0	0	0.29606732	11.76	0.484877069	0	0.48487707
326	16	0	0.663	1.88944	0	0	0	0.34217894	11.76	0.646526508	0	0.64652651
326	17	0	0.864	2.327949	0	0	0	0.34917305	11.76	0.812857063	0	0.81285706
326	18	0	1.125	2.945422	0	0	0	0.35725289	11.76	1.052260678	0	1.05226068
326	19	0	1.138	3.039834	0	0	0	0.35583584	11.76	1.081681992	0	1.08168199
326	20	0	1.204	3.291975	0	0	0	0.34785986	11.76	1.145145962	0	1.14514596
326	21	0	1.129	3.165968	0	0	0	0.35268728	11.76	1.116596778	0	1.11659678
326	22	0	1.173	2.960728	0	0	0	0.35750643	11.76	1.058479449	0	1.05847945
326	23	0	1.45	2.819	0	0	0	0.36116717	11.76	1.018130251	0	1.01813025
326	24	0	1.403	2.478885	0	0	0	0.36521549	11.76	0.905327086	0	0.90532709
327	1	0	1.648	2.296116	0	0	0	0.36925007	11.76	0.84784087	0	0.84784087
327	2	0	1.881	2.419904	0	0	0	0.37123487	11.76	0.898352823	0	0.89835282
327	3	0	1.817	2.285429	0	0	0	0.37191172	11.76	0.849977648	0	0.84997765
327	4	0	1.788	2.341651	0	0	0	0.36095865	11.76	0.845239258	0	0.84523926
327	5	0	1.771	2.372659	0	0	0	0.3556188	11.76	0.843762229	0	0.84376223
327	6	0	1.686	2.659058	0	0	0	0.34288456	11.76	0.911749793	0	0.91174979
327	7	0	1.663	2.880604	0	0	0	0.32906511	11.76	0.947906274	0	0.94790627
327	8	0	1.691	3.219342	0	0	0	0.28614145	11.76	0.921187312	0	0.92118731
327	9	0	1.655	3.019514	0	0	0	0.28040683	11.76	0.846692234	0	0.84669223
327	10	0	1.477	2.839332	0	0	0	0.28349425	11.76	0.804934321	0	0.80493432
327	11	0	1.216	2.490327	0	0	0	0.28442021	11.76	0.708299418	0	0.70829942
327	12	0	1.26	2.493866	0	0	0	0.28579114	11.76	0.712724938	0	0.71272494
327	13	0	1.054	2.24518	0	0	0	0.29200174	11.76	0.655596437	0	0.65559644
327	14	0	0.95	2.074062	0	0	0	0.2846483	11.76	0.590378244	0	0.59037824
327	15	0	0.868	2.050726	0	0	0	0.29606732	11.76	0.60715287	0	0.60715287
327	16	0	0.99	2.21644	0	0	0	0.34217894	11.76	0.758418987	0	0.75841899
327	17	0	1.05	2.513949	0	0	0	0.34917305	11.76	0.877803205	0	0.8778032
327	18	0	1.138	2.958422	0	0	0	0.35725289	11.76	1.056904969	0	1.05690497
327	19	0	1.133	3.034834	0	0	0	0.35583584	11.76	1.079902857	0	1.07990286
327	20	0	1.139	3.226975	0	0	0	0.34785986	11.76	1.122535134	0	1.12253513
327	21	0	1.179	3.215969	0	0	0	0.35268728	11.76	1.134231209	0	1.13423121
327	22	0	1.387	3.174728	0	0	0	0.35750643	11.76	1.134985821	0	1.13498582
327	23	0	1.737	3.106	0	0	0	0.36116717	11.76	1.121785207	0	1.12178521
327	24	0	1.677	2.752885	0	0	0	0.36521549	11.76	1.005396104	0	1.0053961
328	1	0	1.809	2.457116	0	0	0	0.36925007	11.76	0.907290137	0	0.90729014
328	2	0	1.884	2.422904	0	0	0	0.37123487	11.76	0.899466535	0	0.89946654
328	3	0	1.85	2.318429	0	0	0	0.37191172	11.76	0.86225082	0	0.86225082
328	4	0	1.844	2.397651	0	0	0	0.36095865	11.76	0.865452941	0	0.86545294
328	5	0	2.053	2.654659	0	0	0	0.3556188	11.76	0.94404667	0	0.94404667
328	6	0	2.058	3.031057	0	0	0	0.34288456	11.76	1.03930276	0	1.03930276
328	7	0	2.125	3.342604	0	0	0	0.32906511	11.76	1.099934319	0	1.09993432
328	8	0	2.045	3.573343	0	0	0	0.28614145	11.76	1.02248141	0	1.02248141
328	9	0	1.571	2.935513	0	0	0	0.28040683	11.76	0.823138029	0	0.82313803
328	10	0	0.731	2.093332	0	0	0	0.28349425	11.76	0.593447597	0	0.5934476
328	11	0	0.2	1.474327	0	0	0	0.28442021	11.76	0.419328481	0	0.41932848
328	12	0	0.096	1.329866	0	0	0	0.28579114	11.76	0.380064039	0	0.38006404
328	13	0	0.096	1.28718	0	0	0	0.29200174	11.76	0.375858786	0	0.37585879
328	14	0	0.096	1.219062	0	0	0	0.2846483	11.76	0.34700398	0	0.34700398
328	15	0	0.179	1.360726	0	0	0	0.29606732	11.76	0.402866435	0	0.40286643
328	16	0	0.402	1.62844	0	0	0	0.34217894	11.76	0.557217793	0	0.55721779
328	17	0	0.743	2.206949	0	0	0	0.34917305	11.76	0.770607107	0	0.77060711
328	18	0	0.825	2.645422	0	0	0	0.35725289	11.76	0.945084827	0	0.94508483
328	19	0	0.846	2.747834	0	0	0	0.35583584	11.76	0.977777906	0	0.97777791
328	20	0	0.982	3.069975	0	0	0	0.34785986	11.76	1.067921114	0	1.06792111
328	21	0	1.109	3.145968	0	0	0	0.35268728	11.76	1.109543039	0	1.10954304
328	22	0	1.144	2.931728	0	0	0	0.35750643	11.76	1.048111747	0	1.04811175
328	23	0	1.334	2.703	0	0	0	0.36116717	11.76	0.976234882	0	0.97623488
328	24	0	1.43	2.505885	0	0	0	0.36521549	11.76	0.915187886	0	0.91518789
329	1	0	1.307	1.955116	0	0	0	0.36925007	11.76	0.721926609	0	0.72192661
329	2	0	1.602	2.140904	0	0	0	0.37123487	11.76	0.794778279	0	0.79477828
329	3	0	1.621	2.089429	0	0	0	0.37191172	11.76	0.777083003	0	0.777083
329	4	0	1.617	2.170651	0	0	0	0.36095865	11.76	0.783515328	0	0.78351533
329	5	0	1.597	2.198659	0	0	0	0.3556188	11.76	0.781884548	0	0.78188455
329	6	0	1.594	2.567058	0	0	0	0.34288456	11.76	0.880204412	0	0.88020441
329	7	0	1.5	2.717604	0	0	0	0.32906511	11.76	0.894268627	0	0.89426863

329	8	0	1.509	3.037342	0	0	0	0.28614145	11.76	0.869109523	0	0.86910952
329	9	0	1.49	2.854514	0	0	0	0.28040683	11.76	0.800425118	0	0.80042512
329	10	0	1.268	2.630332	0	0	0	0.28349425	11.76	0.745683992	0	0.74568399
329	11	0	1.07	2.344327	0	0	0	0.28442021	11.76	0.666774094	0	0.66677409
329	12	0	0.985	2.218866	0	0	0	0.28579114	11.76	0.634132347	0	0.63413235
329	13	0	0.706	1.89718	0	0	0	0.29200174	11.76	0.553979852	0	0.55397985
329	14	0	0.549	1.673062	0	0	0	0.2846483	11.76	0.476234305	0	0.47623431
329	15	0	0.508	1.690726	0	0	0	0.29606732	11.76	0.500568664	0	0.50056866
329	16	0	0.412	1.63844	0	0	0	0.34217894	11.76	0.560639579	0	0.56063958
329	17	0	0.631	2.094949	0	0	0	0.34917305	11.76	0.731499729	0	0.73149973
329	18	0	0.661	2.481422	0	0	0	0.35725289	11.76	0.88649534	0	0.88649534
329	19	0	0.682	2.583834	0	0	0	0.35583584	11.76	0.919420815	0	0.91942082
329	20	0	0.897	2.984975	0	0	0	0.34785986	11.76	1.038353013	0	1.03835301
329	21	0	0.993	3.029969	0	0	0	0.35268728	11.76	1.068631421	0	1.06863142
329	22	0	1.096	2.883729	0	0	0	0.35750643	11.76	1.030951489	0	1.03095149
329	23	0	1.4	2.769	0	0	0	0.36116717	11.76	1.00007191	0	1.00007191
329	24	0	1.599	2.674885	0	0	0	0.36521549	11.76	0.976909358	0	0.97690936
330	1	0	1.868	2.516116	0	0	0	0.36925007	11.76	0.929075897	0	0.9290759
330	2	0	2.032	2.570904	0	0	0	0.37123487	11.76	0.954409296	0	0.9544093
330	3	0	2.003	2.471429	0	0	0	0.37191172	11.76	0.919153268	0	0.91915327
330	4	0	1.996	2.549651	0	0	0	0.36095865	11.76	0.920318638	0	0.92031864
330	5	0	1.885	2.486659	0	0	0	0.3556188	11.76	0.884302717	0	0.88430272
330	6	0	1.85	2.823058	0	0	0	0.34288456	11.76	0.967982873	0	0.96798287
330	7	0	1.821	3.038604	0	0	0	0.32906511	11.76	0.999898559	0	0.99989856
330	8	0	1.772	3.300342	0	0	0	0.28614145	11.76	0.944364726	0	0.94436473
330	9	0	1.732	3.096514	0	0	0	0.28040683	11.76	0.868283599	0	0.8682836
330	10	0	1.555	2.917332	0	0	0	0.28349425	11.76	0.827046892	0	0.82704689
330	11	0	1.248	2.522327	0	0	0	0.28442021	11.76	0.717400883	0	0.71740088
330	12	0	0.954	2.187866	0	0	0	0.28579114	11.76	0.62527285	0	0.62527285
330	13	0	0.974	2.16518	0	0	0	0.29200174	11.76	0.63223632	0	0.63223632
330	14	0	0.886	2.010062	0	0	0	0.2846483	11.76	0.572160784	0	0.57216078
330	15	0	0.963	2.145726	0	0	0	0.29606732	11.76	0.635279274	0	0.63527927
330	16	0	0.978	2.20444	0	0	0	0.34217894	11.76	0.754312893	0	0.75431289
330	17	0	0.906	2.369949	0	0	0	0.34917305	11.76	0.827522351	0	0.82752235
330	18	0	0.874	2.694422	0	0	0	0.35725289	11.76	0.962590227	0	0.96259023
330	19	0	0.741	2.642834	0	0	0	0.35583584	11.76	0.940415135	0	0.94041514
330	20	0	0.626	2.713975	0	0	0	0.34785986	11.76	0.944083023	0	0.94408302
330	21	0	0.67	2.706969	0	0	0	0.35268728	11.76	0.954713363	0	0.95471336
330	22	0	0.754	2.541728	0	0	0	0.35750643	11.76	0.908684286	0	0.90868429
330	23	0	0.808	2.177	0	0	0	0.36116717	11.76	0.786260943	0	0.78626094
330	24	0	0.843	1.918885	0	0	0	0.36521549	11.76	0.70080639	0	0.70080639
331	1	0	0.947	1.595116	0	0	0	0.36925007	11.76	0.588996577	0	0.58899658
331	2	0	0.737	1.275904	0	0	0	0.37123487	11.76	0.473660116	0	0.47366012
331	3	0	0.632	1.099429	0	0	0	0.37191172	11.76	0.408890399	0	0.4088904
331	4	0	0.536	1.088651	0	0	0	0.36095865	11.76	0.392958061	0	0.39295806
331	5	0	0.575	1.175659	0	0	0	0.3556188	11.76	0.418086511	0	0.41808651
331	6	0	0.503	1.476058	0	0	0	0.34288456	11.76	0.506117332	0	0.50611733
331	7	0	0.478	1.695604	0	0	0	0.32906511	11.76	0.557964102	0	0.5579641
331	8	0	0.508	2.036342	0	0	0	0.28614145	11.76	0.582681955	0	0.58268196
331	9	0	0.6	1.964514	0	0	0	0.28040683	11.76	0.550863045	0	0.55086304
331	10	0	0.582	1.944332	0	0	0	0.28349425	11.76	0.551206974	0	0.55120697
331	11	0	0.627	1.901327	0	0	0	0.28442021	11.76	0.540775921	0	0.54077592
331	12	0	0.659	1.892866	0	0	0	0.28579114	11.76	0.540964442	0	0.54096444
331	13	0	0.572	1.76318	0	0	0	0.29200174	11.76	0.514851635	0	0.51485164
331	14	0	0.475	1.599062	0	0	0	0.2846483	11.76	0.455170331	0	0.45517033
331	15	0	0.411	1.593726	0	0	0	0.29606732	11.76	0.471850098	0	0.4718501
331	16	0	0.442	1.66844	0	0	0	0.34217894	11.76	0.570904978	0	0.57090498
331	17	0	0.486	1.949949	0	0	0	0.34917305	11.76	0.680869644	0	0.68086964
331	18	0	0.551	2.371423	0	0	0	0.35725289	11.76	0.847197559	0	0.84719756
331	19	0	0.53	2.431834	0	0	0	0.35583584	11.76	0.865333784	0	0.86533378
331	20	0	0.612	2.699975	0	0	0	0.34785986	11.76	0.939212923	0	0.93921292
331	21	0	0.65	2.686969	0	0	0	0.35268728	11.76	0.947659624	0	0.94765962
331	22	0	0.819	2.606729	0	0	0	0.35750643	11.76	0.931922225	0	0.93192222
331	23	0	1.039	2.408	0	0	0	0.36116717	11.76	0.86969054	0	0.86969054
331	24	0	1.289	2.364885	0	0	0	0.36521549	11.76	0.863692491	0	0.86369249
332	1	0	1.405	2.053116	0	0	0	0.36925007	11.76	0.758113091	0	0.75811309
332	2	0	1.599	2.137904	0	0	0	0.37123487	11.76	0.793664655	0	0.79366465
332	3	0	1.693	2.161429	0	0	0	0.37191172	11.76	0.803860656	0	0.80386066
332	4	0	1.716	2.269651	0	0	0	0.36095865	11.76	0.819250226	0	0.81925023
332	5	0	1.745	2.346659	0	0	0	0.3556188	11.76	0.834516132	0	0.83451613
332	6	0	1.673	2.646058	0	0	0	0.34288456	11.76	0.90729229	0	0.90729229
332	7	0	1.719	2.936604	0	0	0	0.32906511	11.76	0.966333919	0	0.96633392
332	8	0	1.712	3.240342	0	0	0	0.28614145	11.76	0.927196256	0	0.92719626
332	9	0	1.579	2.943514	0	0	0	0.28040683	11.76	0.825381322	0	0.82538132
332	10	0	1.359	2.721332	0	0	0	0.28349425	11.76	0.771481991	0	0.77148199
332	11	0	1.011	2.285327	0	0	0	0.28442021	11.76	0.649993298	0	0.6499933
332	12	0	0.552	1.785866	0	0	0	0.28579114	11.76	0.510384826	0	0.51038483
332	13	0	0.359	1.55018	0	0	0	0.29200174	11.76	0.452655247	0	0.45265525
332	14	0	0.382	1.506062	0	0	0	0.2846483	11.76	0.428698024	0	0.42869802
332	15	0	0.564	1.745726	0	0	0	0.29606732	11.76	0.516852351	0	0.51685235
332	16	0	0.796	2.02244	0	0	0	0.34217894	11.76	0.692036271	0	0.69203627
332	17	0	0.986	2.449949	0	0	0	0.34917305	11.76	0.855456168	0	0.85545617
332	18	0	0.901	2.721422	0	0	0	0.35725289	11.76	0.972236038	0	0.97223604
332	19	0	1.011	2.912834	0	0	0	0.35583584	11.76	1.036490807	0	1.03649081
332	20	0	1.076	3.163975	0	0	0	0.34785986	11.76	1.100619893	0	1.10061989
332	21	0	1.115	3.151968	0	0	0	0.35268728	11.76	1.111659177	0	1.11165918
332	22	0	1.183	2.970728	0	0	0	0.35750643	11.76	1.06205451	0	1.06205451
332	23	0	0.93	2.299	0	0	0	0.36116717	11.76	0.83032333	0	0.83032333
332	24	0	1.166	2.241885	0	0	0	0.36521549	11.76	0.81877102	0	0.81877102
333	1	0	0.859	1.507116	0	0	0	0.36925007	11.76	0.556502549	0	0.55650255
333	2	0	0.974	1.512904	0	0	0	0.37123487	11.76	0.561642775	0	0.56164278
333	3	0	1.002	1.470429	0	0	0	0.37191172	11.76	0.546869621	0	0.54686962
333	4	0	1.034	1.587651	0	0	0	0.36095865	11.76	0.573076411	0	0.57307641
333	5	0	1.023	1.624659	0	0	0	0.3556188	11.76	0.577759355	0	0.57775935
333	6	0	1.019	1.992058	0	0	0	0.34288456	11.76	0.683045775	0	0.68304577
333	7	0	1.094	2.311604	0	0	0	0.32906511	11.76	0.760668226	0	0.76066823
333	8	0	1.388	2.916342	0	0	0	0.28614145	11.76	0.834486461	0	0.83448646
333	9	0	1.282	2.646514	0	0	0	0.28040683	11.76	0.742100513	0	0.74210051
333	10	0	1.288	2.650332	0	0	0	0.28349425	11.76	0.751353872	0	0.75135387
333	11	0	1.186	2.460327	0	0	0	0.28442021	11.76	0.69976682	0	0.69976682
333	12	0	1.285	2.518867	0	0	0	0.28579114	11.76	0.719869744	0	0.71986974
333	13	0	1.344	2.53518	0	0	0	0.29200174	11.76	0.740277001	0	0.740277
333	14	0	1.552	2.676062	0	0	0	0.2846483	11.76	0.761736517	0	0.76173652
333	15	0	1.394	2.576726	0	0	0	0.29606732	11.76	0.762884289	0	0.76288429
333	16	0	1.587	2.81344	0	0	0	0.34217894	11.76	0.962699854	0	0.96269985
333	17	0	1.671	3.134949	0	0	0	0.34917305	11.76	1.094639685	0	1.09463969
333	18	0	1.658	3.478422	0	0	0	0.35725289	11.76	1.242676467	0	1.24267647
333	19	0	1.618	3.519834	0	0	0	0.35583584	11.76	1.252483204	0	1.2524832
333	20	0	1.63	3.717975	0	0	0	0.34785986	11.76	1.293334302	0	1.2933343
333	21	0	1.672	3.708969	0	0	0	0.35268728	11.76	1.308106047	0	1.30810605
333	22	0	1.612	3.399728	0	0	0	0.35750643	11.76	1.215424734	0	1.21542473

333	23	0	1.806	3.175	0	0	0	0.36116717	11.76	1.146705744	0	1.14670574
333	24	0	1.801	2.876885	0	0	0	0.36521549	11.76	1.050682851	0	1.05068285
334	1	0	1.876	2.524116	0	0	0	0.36925007	11.76	0.93202986	0	0.93202986
334	2	0	1.795	2.333904	0	0	0	0.37123487	11.76	0.866426637	0	0.86642664
334	3	0	1.787	2.255429	0	0	0	0.37191172	11.76	0.838820396	0	0.8388204
334	4	0	1.789	2.342651	0	0	0	0.36095865	11.76	0.845600191	0	0.84560019
334	5	0	1.733	2.334659	0	0	0	0.3556188	11.76	0.830248677	0	0.83024868
334	6	0	1.697	2.670058	0	0	0	0.34288456	11.76	0.915521495	0	0.9155215
334	7	0	1.658	2.875604	0	0	0	0.32906511	11.76	0.946260911	0	0.94626091
334	8	0	1.694	3.222342	0	0	0	0.28614145	11.76	0.922045742	0	0.92204574
334	9	0	1.584	2.948514	0	0	0	0.28040683	11.76	0.826783321	0	0.82678332
334	10	0	1.745	3.107332	0	0	0	0.28349425	11.76	0.880910748	0	0.88091075
334	11	0	1.79	3.064327	0	0	0	0.28442021	11.76	0.87155665	0	0.87155665
334	12	0	1.729	2.962866	0	0	0	0.28579114	11.76	0.846760944	0	0.84676094
334	13	0	1.698	2.88918	0	0	0	0.29200174	11.76	0.843645574	0	0.84364557
334	14	0	1.603	2.727062	0	0	0	0.2846483	11.76	0.776253614	0	0.77625361
334	15	0	1.494	2.676726	0	0	0	0.29606732	11.76	0.792490993	0	0.79249099
334	16	0	1.561	2.78744	0	0	0	0.34217894	11.76	0.953803194	0	0.95380319
334	17	0	1.556	3.019949	0	0	0	0.34917305	11.76	1.054484781	0	1.05448478
334	18	0	1.61	3.430423	0	0	0	0.35725289	11.76	1.225528378	0	1.22552838
334	19	0	1.489	3.390834	0	0	0	0.35583584	11.76	1.206580399	0	1.2065804
334	20	0	1.461	3.548975	0	0	0	0.34785986	11.76	1.234546017	0	1.23454602
334	21	0	1.432	3.468968	0	0	0	0.35268728	11.76	1.223461013	0	1.22346101
334	22	0	1.487	3.274728	0	0	0	0.35750643	11.76	1.17073643	0	1.17073643
334	23	0	1.597	2.966	0	0	0	0.36116717	11.76	1.071221851	0	1.07122185
334	24	0	1.696	2.771885	0	0	0	0.36521549	11.76	1.012335218	0	1.01233522
335	1	0	1.753	2.410116	0	0	0	0.32522379	11.76	0.783826978	0	0.78382698
335	2	0	1.808	2.350904	0	0	0	0.32119321	11.76	0.755094476	0	0.75509448
335	3	0	1.815	2.283429	0	0	0	0.31314713	11.76	0.715049137	0	0.71504914
335	4	0	1.824	2.377651	0	0	0	0.30820942	11.76	0.732814491	0	0.73281449
335	5	0	1.989	2.590659	0	0	0	0.31550057	11.76	0.817354428	0	0.81735443
335	6	0	1.916	2.898057	0	0	0	0.31050395	11.76	0.899858284	0	0.89985828
335	7	0	1.711	2.945604	0	0	0	0.30188804	11.76	0.889242562	0	0.88924256
335	8	0	1.735	3.305342	0	0	0	0.26877884	11.76	0.88840609	0	0.88840609
335	9	0	1.7	3.097514	0	0	0	0.23856695	11.76	0.738964376	0	0.73896438
335	10	0	1.604	3.000332	0	0	0	0.24176657	11.76	0.725379954	0	0.72537995
335	11	0	0.83	2.137327	0	0	0	0.23945302	11.76	0.511789499	0	0.5117895
335	12	0	0.611	1.874866	0	0	0	0.24644783	11.76	0.462056768	0	0.46205677
335	13	0	0.158	1.37518	0	0	0	0.2656847	11.76	0.365364259	0	0.36536426
335	14	0	0.096	1.243062	0	0	0	0.25384506	11.76	0.315545188	0	0.31554519
335	15	0	0.096	1.297726	0	0	0	0.26724903	11.76	0.346815924	0	0.34681592
335	16	0	0.096	1.33944	0	0	0	0.30724338	11.76	0.411533996	0	0.411534
335	17	0	0.096	1.580949	0	0	0	0.32146363	11.76	0.508217625	0	0.50821762
335	18	0	0.342	2.188422	0	0	0	0.31708761	11.76	0.69392165	0	0.69392165
335	19	0	0.655	2.587834	0	0	0	0.32100027	11.76	0.830695517	0	0.83069552
335	20	0	0.887	3.009975	0	0	0	0.31913334	11.76	0.960583366	0	0.96058337
335	21	0	1.132	3.199969	0	0	0	0.32306189	11.76	1.033787893	0	1.03378789
335	22	0	1.265	3.080729	0	0	0	0.31792936	11.76	0.979454063	0	0.97945406
335	23	0	1.542	2.936	0	0	0	0.3166278	11.76	0.929619244	0	0.92961924
335	24	0	1.758	2.855885	0	0	0	0.32388009	11.76	0.924964215	0	0.92496422
336	1	0	1.939	2.596116	0	0	0	0.32522379	11.76	0.844318561	0	0.84431856
336	2	0	1.993	2.535904	0	0	0	0.32119321	11.76	0.814515202	0	0.8145152
336	3	0	2.1	2.568429	0	0	0	0.31314713	11.76	0.804296022	0	0.80429602
336	4	0	1.962	2.515651	0	0	0	0.30820942	11.76	0.775347394	0	0.77534739
336	5	0	2.083	2.684659	0	0	0	0.31550057	11.76	0.847011438	0	0.84701144
336	6	0	1.829	2.811058	0	0	0	0.31050395	11.76	0.872844474	0	0.87284447
336	7	0	1.53	2.764604	0	0	0	0.30188804	11.76	0.834600829	0	0.83460083
336	8	0	1.512	3.082343	0	0	0	0.26877884	11.76	0.828468461	0	0.82846846
336	9	0	0.714	2.111514	0	0	0	0.23856695	11.76	0.503737353	0	0.50373735
336	10	0	0.249	1.645332	0	0	0	0.24176657	11.76	0.397786301	0	0.3977863
336	11	0	0	1.353327	0	0	0	0.23945302	11.76	0.324058326	0	0.32405833
336	12	0	0	1.309866	0	0	0	0.24644783	11.76	0.322813733	0	0.32281373
336	13	0	0	1.26218	0	0	0	0.2656847	11.76	0.33534191	0	0.33534191
336	14	0	0	1.191062	0	0	0	0.25384506	11.76	0.302345233	0	0.30234523
336	15	0	0	1.245726	0	0	0	0.26724903	11.76	0.332918995	0	0.33291899
336	16	0	0	1.28744	0	0	0	0.30724338	11.76	0.395557363	0	0.39555736
336	17	0	0.096	1.578949	0	0	0	0.32146363	11.76	0.507574706	0	0.50757471
336	18	0	0.096	1.941422	0	0	0	0.31708761	11.76	0.615601016	0	0.61560102
336	19	0	0.096	2.027834	0	0	0	0.32100027	11.76	0.65093531	0	0.65093531
336	20	0	0.096	2.217975	0	0	0	0.31913334	11.76	0.707829818	0	0.70782982
336	21	0	0.347	2.414968	0	0	0	0.32306189	11.76	0.780184282	0	0.78018428
336	22	0	0.605	2.420728	0	0	0	0.31792936	11.76	0.769620655	0	0.76962066
336	23	0	0.766	2.16	0	0	0	0.3166278	11.76	0.683916067	0	0.68391607
336	24	0	0.922	2.019885	0	0	0	0.32388009	11.76	0.654200396	0	0.6542004
337	1	0	1.041	1.698116	0	0	0	0.32522379	11.76	0.552267594	0	0.55226759
337	2	0	1.088	1.630904	0	0	0	0.32119321	11.76	0.523835394	0	0.52383539
337	3	0	1.154	1.621429	0	0	0	0.31314713	11.76	0.507745755	0	0.50774575
337	4	0	1.084	1.637651	0	0	0	0.30820942	11.76	0.504739484	0	0.50473948
337	5	0	1.255	1.856659	0	0	0	0.31550057	11.76	0.585776985	0	0.58577698
337	6	0	1.154	2.136057	0	0	0	0.31050395	11.76	0.66325425	0	0.66325425
337	7	0	1.107	2.341604	0	0	0	0.30188804	11.76	0.706902233	0	0.70690223
337	8	0	1.105	2.675343	0	0	0	0.26877884	11.76	0.719075457	0	0.71907546
337	9	0	0.937	2.334514	0	0	0	0.23856695	11.76	0.556937794	0	0.55693779
337	10	0	0.554	1.950332	0	0	0	0.24176657	11.76	0.471525093	0	0.47152509
337	11	0	0.086	1.393327	0	0	0	0.23945302	11.76	0.333636437	0	0.33363644
337	12	0	0	1.309866	0	0	0	0.24644783	11.76	0.322813733	0	0.32281373
337	13	0	0	1.26318	0	0	0	0.2656847	11.76	0.335607576	0	0.33560758
337	14	0	0	1.192062	0	0	0	0.25384506	11.76	0.30259909	0	0.30259909
337	15	0	0	1.245726	0	0	0	0.26724903	11.76	0.332918995	0	0.33291899
337	16	0	0	1.28844	0	0	0	0.30724338	11.76	0.395864584	0	0.39586458
337	17	0	0	1.528949	0	0	0	0.32146363	11.76	0.491501502	0	0.4915015
337	18	0	0.096	1.941422	0	0	0	0.31708761	11.76	0.615601016	0	0.61560102
337	19	0	0.096	2.027834	0	0	0	0.32100027	11.76	0.65093531	0	0.65093531
337	20	0	0.096	2.217975	0	0	0	0.31913334	11.76	0.707829818	0	0.70782982
337	21	0	0.454	2.521969	0	0	0	0.32306189	11.76	0.814751941	0	0.81475194
337	22	0	0.729	2.544728	0	0	0	0.31792936	11.76	0.809043844	0	0.80904384
337	23	0	0.913	2.307	0	0	0	0.3166278	11.76	0.730460301	0	0.7304603
337	24	0	0.899	1.996885	0	0	0	0.32388009	11.76	0.646751192	0	0.64675119
338	1	0	0.949	1.606116	0	0	0	0.32522379	11.76	0.522347002	0	0.522347
338	2	0	1.098	1.640904	0	0	0	0.32119321	11.76	0.527047323	0	0.52704732
338	3	0	1.596	2.063429	0	0	0	0.31314713	11.76	0.646156759	0	0.64615676
338	4	0	1.483	2.036651	0	0	0	0.30820942	11.76	0.627715055	0	0.62771506
338	5	0	1.764	2.365659	0	0	0	0.31550057	11.76	0.746366756	0	0.74636676
338	6	0	1.806	2.788058	0	0	0	0.31050395	11.76	0.865702883	0	0.86570288
338	7	0	1.904	3.138604	0	0	0	0.30188804	11.76	0.947506977	0	0.94750698
338	8	0	1.845	3.415342	0	0	0	0.26877884	11.76	0.917971734	0	0.91797173
338	9	0	1.445	2.842514	0	0	0	0.23856695	11.76	0.678129777	0	0.67812978
338	10	0	0.54	1.936332	0	0	0	0.24176657	11.76	0.468140347	0	0.46814035
338	11	0	0.21	1.517327	0	0	0	0.23945302	11.76	0.363328628	0	0.36332863
338	12	0	0.096	1.359866	0	0	0	0.24644783	11.76	0.335136142	0	0.33513614
338	13	0	0.096	1.31318	0	0	0	0.2656847	11.76	0.34889183	0	0.34889183

338	14	0	0.096	1.242062	0	0	0	0.25384506	11.76	0.315291361	0	0.31529136
338	15	0	0.096	1.296726	0	0	0	0.26724903	11.76	0.346548695	0	0.34654869
338	16	0	0.096	1.33944	0	0	0	0.30724338	11.76	0.411533996	0	0.411534
338	17	0	0.219	1.703949	0	0	0	0.32146363	11.76	0.54775766	0	0.54775766
338	18	0	0.625	2.471422	0	0	0	0.31708761	11.76	0.783657443	0	0.78365744
338	19	0	0.893	2.825834	0	0	0	0.32100027	11.76	0.907093554	0	0.90709355
338	20	0	1.05	3.172975	0	0	0	0.31913334	11.76	1.012602135	0	1.01260214
338	21	0	1.169	3.236969	0	0	0	0.32306189	11.76	1.045741164	0	1.04574116
338	22	0	1.333	3.148728	0	0	0	0.31792936	11.76	1.001073209	0	1.00107321
338	23	0	1.573	2.967	0	0	0	0.3166278	11.76	0.939434674	0	0.93943467
338	24	0	1.87	2.967885	0	0	0	0.32388009	11.76	0.961238781	0	0.96123878
339	1	0	1.983	2.640116	0	0	0	0.32522379	11.76	0.858628457	0	0.85862846
339	2	0	2.028	2.570904	0	0	0	0.32119321	11.76	0.825756915	0	0.82575692
339	3	0	2.026	2.494429	0	0	0	0.31314713	11.76	0.781123171	0	0.78112317
339	4	0	2.087	2.640651	0	0	0	0.30820942	11.76	0.813873497	0	0.8138735
339	5	0	2.122	2.723659	0	0	0	0.31550057	11.76	0.859315971	0	0.85931597
339	6	0	2.175	3.157058	0	0	0	0.31050395	11.76	0.980278826	0	0.98027883
339	7	0	1.993	3.227604	0	0	0	0.30188804	11.76	0.974375008	0	0.97437501
339	8	0	1.962	3.532342	0	0	0	0.26877884	11.76	0.949418885	0	0.94941889
339	9	0	1.422	2.819514	0	0	0	0.23856695	11.76	0.672642794	0	0.67264279
339	10	0	0.62	2.016332	0	0	0	0.24176657	11.76	0.487481712	0	0.48748171
339	11	0	0.096	1.403327	0	0	0	0.23945302	11.76	0.336030965	0	0.33603096
339	12	0	0	1.309866	0	0	0	0.24644783	11.76	0.322813733	0	0.32281373
339	13	0	0	1.26318	0	0	0	0.2656847	11.76	0.335607576	0	0.33560758
339	14	0	0	1.191062	0	0	0	0.25384506	11.76	0.302345233	0	0.30234523
339	15	0	0	1.245726	0	0	0	0.26724903	11.76	0.332918995	0	0.33291899
339	16	0	0.096	1.33844	0	0	0	0.30724338	11.76	0.411226775	0	0.41122678
339	17	0	0.096	1.578949	0	0	0	0.32146363	11.76	0.507574706	0	0.50757471
339	18	0	0.096	1.941422	0	0	0	0.31708761	11.76	0.615601016	0	0.61560102
339	19	0	0.096	2.027834	0	0	0	0.32100027	11.76	0.65093531	0	0.65093531
339	20	0	0.278	2.399975	0	0	0	0.31913334	11.76	0.765912061	0	0.76591206
339	21	0	0.622	2.689969	0	0	0	0.32306189	11.76	0.869026333	0	0.86902633
339	22	0	1.008	2.823729	0	0	0	0.31792936	11.76	0.897746226	0	0.89774623
339	23	0	1.303	2.697	0	0	0	0.3166278	11.76	0.853945175	0	0.85394517
339	24	0	1.709	2.806885	0	0	0	0.32388009	11.76	0.909094083	0	0.90909408
340	1	0	1.844	2.501116	0	0	0	0.32522379	11.76	0.813422292	0	0.81342229
340	2	0	2.145	2.687904	0	0	0	0.32119321	11.76	0.863336554	0	0.86333655
340	3	0	2.265	2.733428	0	0	0	0.31314713	11.76	0.855965286	0	0.85596529
340	4	0	2.121	2.674651	0	0	0	0.30820942	11.76	0.824352666	0	0.82435267
340	5	0	2.301	2.902659	0	0	0	0.31550057	11.76	0.915790617	0	0.91579062
340	6	0	2.394	3.376058	0	0	0	0.31050395	11.76	1.048279223	0	1.04827922
340	7	0	2.355	3.589604	0	0	0	0.30188804	11.76	1.083658474	0	1.08365847
340	8	0	2.239	3.809342	0	0	0	0.26877884	11.76	1.023870609	0	1.02387061
340	9	0	1.93	3.327514	0	0	0	0.23856695	11.76	0.793834778	0	0.79383478
340	10	0	1.274	2.670332	0	0	0	0.24176657	11.76	0.645597003	0	0.645597
340	11	0	0.797	2.104327	0	0	0	0.23945302	11.76	0.503887551	0	0.50388755
340	12	0	0.379	1.642866	0	0	0	0.24644783	11.76	0.404880875	0	0.40488087
340	13	0	0.096	1.31318	0	0	0	0.2656847	11.76	0.34889183	0	0.34889183
340	14	0	0.096	1.243062	0	0	0	0.25384506	11.76	0.315545188	0	0.31554519
340	15	0	0.096	1.297726	0	0	0	0.26724903	11.76	0.346815924	0	0.34681592
340	16	0	0.096	1.33944	0	0	0	0.30724338	11.76	0.411533996	0	0.411534
340	17	0	0.568	2.052949	0	0	0	0.32146363	11.76	0.659948421	0	0.65994842
340	18	0	1.012	2.858423	0	0	0	0.31708761	11.76	0.906370376	0	0.90637038
340	19	0	1.145	3.077834	0	0	0	0.32100027	11.76	0.987985574	0	0.98798557
340	20	0	1.321	3.443975	0	0	0	0.31913334	11.76	1.099087241	0	1.09908724
340	21	0	1.62	3.687968	0	0	0	0.32306189	11.76	1.191442068	0	1.19144207
340	22	0	1.796	3.611728	0	0	0	0.31792936	11.76	1.148274523	0	1.14827452
340	23	0	1.992	3.386	0	0	0	0.3166278	11.76	1.072101692	0	1.07210169
340	24	0	2.158	3.255885	0	0	0	0.32388009	11.76	1.054516204	0	1.0545162
341	1	0	2.217	2.874116	0	0	0	0.32522379	11.76	0.934730814	0	0.93473081
341	2	0	2.179	2.721904	0	0	0	0.32119321	11.76	0.874257174	0	0.87425717
341	3	0	2.055	2.523428	0	0	0	0.31314713	11.76	0.790204377	0	0.79020438
341	4	0	2.018	2.571651	0	0	0	0.30820942	11.76	0.792607119	0	0.79260712
341	5	0	1.989	2.590659	0	0	0	0.31550057	11.76	0.817354428	0	0.81735443
341	6	0	1.845	2.827058	0	0	0	0.31050395	11.76	0.877812547	0	0.87781255
341	7	0	1.565	2.799604	0	0	0	0.30188804	11.76	0.845166937	0	0.84516694
341	8	0	1.45	3.020342	0	0	0	0.26877884	11.76	0.811804099	0	0.8118041
341	9	0	1.2	2.597514	0	0	0	0.23856695	11.76	0.619680903	0	0.6196809
341	10	0	0.838	2.234332	0	0	0	0.24176657	11.76	0.540186809	0	0.54018681
341	11	0	0.732	2.039327	0	0	0	0.23945302	11.76	0.488323092	0	0.48832309
341	12	0	0.869	2.132866	0	0	0	0.24644783	11.76	0.525640282	0	0.52564028
341	13	0	1.009	2.22618	0	0	0	0.2656847	11.76	0.591461992	0	0.59146199
341	14	0	1.101	2.248062	0	0	0	0.25384506	11.76	0.570659476	0	0.57065948
341	15	0	1.154	2.355726	0	0	0	0.26724903	11.76	0.629565418	0	0.62956542
341	16	0	1.331	2.57544	0	0	0	0.30724338	11.76	0.791286797	0	0.7912868
341	17	0	1.401	2.886949	0	0	0	0.32146363	11.76	0.928049123	0	0.92804912
341	18	0	1.347	3.193422	0	0	0	0.31708761	11.76	1.012594663	0	1.01259466
341	19	0	1.323	3.255834	0	0	0	0.32100027	11.76	1.04512369	0	1.04512369
341	20	0	1.1	3.222975	0	0	0	0.31913334	11.76	1.028558787	0	1.02855879
341	21	0	1.079	3.146969	0	0	0	0.32306189	11.76	1.016665622	0	1.01666562
341	22	0	1.27	3.085728	0	0	0	0.31792936	11.76	0.981043671	0	0.98104367
341	23	0	1.417	2.811	0	0	0	0.3166278	11.76	0.89004077	0	0.89004077
341	24	0	1.46	2.557885	0	0	0	0.32388009	11.76	0.828447918	0	0.82844792
342	1	0	1.49	2.147116	0	0	0	0.32522379	11.76	0.698293116	0	0.69829312
342	2	0	1.546	2.088904	0	0	0	0.32119321	11.76	0.670941828	0	0.67094183
342	3	0	1.657	2.125429	0	0	0	0.31314713	11.76	0.665571893	0	0.66557189
342	4	0	1.71	2.263651	0	0	0	0.30820942	11.76	0.697678592	0	0.69767859
342	5	0	1.807	2.408659	0	0	0	0.31550057	11.76	0.75993335	0	0.75993335
342	6	0	1.663	2.645058	0	0	0	0.31050395	11.76	0.821300853	0	0.82130085
342	7	0	1.641	2.875604	0	0	0	0.30188804	11.76	0.86811042	0	0.86811042
342	8	0	1.642	3.212342	0	0	0	0.26877884	11.76	0.863409612	0	0.86340961
342	9	0	1.716	3.113514	0	0	0	0.23856695	11.76	0.742781455	0	0.74278145
342	10	0	1.67	3.066332	0	0	0	0.24176657	11.76	0.741336544	0	0.74133654
342	11	0	1.223	2.530327	0	0	0	0.23945302	11.76	0.605894507	0	0.60589451
342	12	0	0.798	2.061867	0	0	0	0.24644783	11.76	0.508142521	0	0.50814252
342	13	0	0.76	1.97718	0	0	0	0.2656847	11.76	0.52530645	0	0.52530645
342	14	0	0.739	1.886062	0	0	0	0.25384506	11.76	0.478767566	0	0.47876757
342	15	0	0.902	2.103726	0	0	0	0.26724903	11.76	0.562218638	0	0.56221864
342	16	0	1.089	2.33344	0	0	0	0.30724338	11.76	0.71693394	0	0.71693394
342	17	0	1.143	2.628949	0	0	0	0.32146363	11.76	0.84511154	0	0.84511154
342	18	0	1.273	3.119422	0	0	0	0.31708761	11.76	0.989130217	0	0.98913022
342	19	0	1.278	3.210834	0	0	0	0.32100027	11.76	1.030678653	0	1.03067865
342	20	0	1.48	3.602975	0	0	0	0.31913334	11.76	1.149829493	0	1.14982949
342	21	0	1.528	3.595969	0	0	0	0.32306189	11.76	1.161720449	0	1.16172045
342	22	0	1.598	3.413728	0	0	0	0.31792936	11.76	1.085324524	0	1.08532452
342	23	0	1.739	3.133	0	0	0	0.3166278	11.76	0.991994928	0	0.99199493
342	24	0	1.87	2.967885	0	0	0	0.32388009	11.76	0.961238781	0	0.96123878
343	1	0	2.266	2.923116	0	0	0	0.32522379	11.76	0.950666788	0	0.95066679
343	2	0	2.304	2.846904	0	0	0	0.32119321	11.76	0.914406325	0	0.91440633
343	3	0	2.362	2.830429	0	0	0	0.31314713	11.76	0.886340596	0	0.8863406
343	4	0	2.427	2.980651	0	0	0	0.30820942	11.76	0.918664745	0	0.91866475

343	5	0	2.315	2.916659	0	0	0	0.31550057	11.76	0.920207605	0	0.92020761
343	6	0	2.324	3.306057	0	0	0	0.31050395	11.76	1.026543893	0	1.02654389
343	7	0	2.117	3.351604	0	0	0	0.30188804	11.76	1.011809075	0	1.01180907
343	8	0	1.98	3.550343	0	0	0	0.26877884	11.76	0.954256938	0	0.95425694
343	9	0	1.669	3.066514	0	0	0	0.23856695	11.76	0.731568768	0	0.73156877
343	10	0	1.089	2.485332	0	0	0	0.24176657	11.76	0.600870201	0	0.6008702
343	11	0	0.474	1.781327	0	0	0	0.23945302	11.76	0.42654421	0	0.42654421
343	12	0	0.334	1.597867	0	0	0	0.24644783	11.76	0.393790733	0	0.39379073
343	13	0	0.373	1.59018	0	0	0	0.2656847	11.76	0.422486479	0	0.42248648
343	14	0	0.604	1.751062	0	0	0	0.25384506	11.76	0.444498484	0	0.44449848
343	15	0	0.272	1.473726	0	0	0	0.26724903	11.76	0.393851785	0	0.39385178
343	16	0	0.698	1.94244	0	0	0	0.30724338	11.76	0.596801768	0	0.59680177
343	17	0	0.819	2.304949	0	0	0	0.32146363	11.76	0.740957285	0	0.74095729
343	18	0	1.005	2.851423	0	0	0	0.31708761	11.76	0.904150772	0	0.90415077
343	19	0	1.073	3.005834	0	0	0	0.32100027	11.76	0.964873547	0	0.96487355
343	20	0	1.105	3.227975	0	0	0	0.31913334	11.76	1.03015449	0	1.03015449
343	21	0	1.135	3.202969	0	0	0	0.32306189	11.76	1.034757085	0	1.03475709
343	22	0	1.208	3.023728	0	0	0	0.31792936	11.76	0.961332038	0	0.96133204
343	23	0	1.298	2.692	0	0	0	0.3166278	11.76	0.852362	0	0.852362
343	24	0	1.44	2.537885	0	0	0	0.32388009	11.76	0.821970322	0	0.82197032
344	1	0	1.473	2.130116	0	0	0	0.32522379	11.76	0.692764325	0	0.69276432
344	2	0	1.494	2.036904	0	0	0	0.32119321	11.76	0.654239843	0	0.65423984
344	3	0	1.447	1.915429	0	0	0	0.31314713	11.76	0.599810983	0	0.59981098
344	4	0	1.472	2.025651	0	0	0	0.30820942	11.76	0.624324777	0	0.62432478
344	5	0	1.331	1.932659	0	0	0	0.31550057	11.76	0.609755058	0	0.60975506
344	6	0	1.25	2.232058	0	0	0	0.31050395	11.76	0.693062689	0	0.69306269
344	7	0	1.218	2.452604	0	0	0	0.30188804	11.76	0.740411751	0	0.74041175
344	8	0	1.235	2.805342	0	0	0	0.26877884	11.76	0.754016672	0	0.75401667
344	9	0	1.088	2.485514	0	0	0	0.23856695	11.76	0.592961408	0	0.59296141
344	10	0	0.936	2.332332	0	0	0	0.24176657	11.76	0.563879945	0	0.56387995
344	11	0	0.794	2.101327	0	0	0	0.23945302	11.76	0.503169187	0	0.50316919
344	12	0	0.596	1.859866	0	0	0	0.24644783	11.76	0.458360025	0	0.45836003
344	13	0	0.331	1.54818	0	0	0	0.2656847	11.76	0.411327707	0	0.41132771
344	14	0	0	1.193062	0	0	0	0.25384506	11.76	0.302852947	0	0.30285295
344	15	0	0	1.247726	0	0	0	0.26724903	11.76	0.333453486	0	0.33345349
344	16	0	0	1.28944	0	0	0	0.30724338	11.76	0.396171842	0	0.39617184
344	17	0	0.096	1.579949	0	0	0	0.32146363	11.76	0.507896146	0	0.50789615
344	18	0	0.096	1.941422	0	0	0	0.31708761	11.76	0.615601016	0	0.61560102
344	19	0	0.096	2.028834	0	0	0	0.32100027	11.76	0.651256364	0	0.65125636
344	20	0	0.393	2.515975	0	0	0	0.31913334	11.76	0.802931509	0	0.80293151
344	21	0	0.724	2.791969	0	0	0	0.32306189	11.76	0.901978645	0	0.90197864
344	22	0	1.053	2.868728	0	0	0	0.31792936	11.76	0.912052996	0	0.912053
344	23	0	1.295	2.689	0	0	0	0.3166278	11.76	0.85141211	0	0.85141211
344	24	0	1.424	2.521885	0	0	0	0.32388009	11.76	0.81678823	0	0.81678823
345	1	0	1.641	2.298116	0	0	0	0.32522379	11.76	0.747401917	0	0.74740192
345	2	0	1.716	2.258904	0	0	0	0.32119321	11.76	0.725544699	0	0.7255447
345	3	0	1.839	2.307429	0	0	0	0.31314713	11.76	0.722564646	0	0.72256465
345	4	0	2.028	2.581651	0	0	0	0.30820942	11.76	0.795689137	0	0.79568914
345	5	0	1.955	2.556659	0	0	0	0.31550057	11.76	0.806627359	0	0.80662736
345	6	0	1.696	2.678058	0	0	0	0.31050395	11.76	0.831547481	0	0.83154748
345	7	0	1.922	3.156604	0	0	0	0.30188804	11.76	0.952941	0	0.952941
345	8	0	1.907	3.477343	0	0	0	0.26877884	11.76	0.934636095	0	0.9346361
345	9	0	1.866	3.263514	0	0	0	0.23856695	11.76	0.778566462	0	0.77856646
345	10	0	1.63	3.026332	0	0	0	0.24176657	11.76	0.73166589	0	0.73166589
345	11	0	1.351	2.658328	0	0	0	0.23945302	11.76	0.636544555	0	0.63654456
345	12	0	0.88	2.143867	0	0	0	0.24644783	11.76	0.528351247	0	0.52835125
345	13	0	0.685	1.90218	0	0	0	0.2656847	11.76	0.505380084	0	0.50538008
345	14	0	0.224	1.371062	0	0	0	0.25384506	11.76	0.348037361	0	0.34803736
345	15	0	0.096	1.297726	0	0	0	0.26724903	11.76	0.346815924	0	0.34681592
345	16	0	0.264	1.50844	0	0	0	0.30724338	11.76	0.463458137	0	0.46345814
345	17	0	0.685	2.170949	0	0	0	0.32146363	11.76	0.697881139	0	0.69788114
345	18	0	0.928	2.774422	0	0	0	0.31708761	11.76	0.879734981	0	0.87973498
345	19	0	1.178	3.110834	0	0	0	0.32100027	11.76	0.998578581	0	0.99857858
345	20	0	1.296	3.418975	0	0	0	0.31913334	11.76	1.091108954	0	1.09110895
345	21	0	1.481	3.548969	0	0	0	0.32306189	11.76	1.146536562	0	1.14653656
345	22	0	1.556	3.371728	0	0	0	0.31792936	11.76	1.071971473	0	1.07197147
345	23	0	1.799	3.193	0	0	0	0.3166278	11.76	1.010992578	0	1.01099258
345	24	0	1.906	3.003885	0	0	0	0.32388009	11.76	0.972898469	0	0.97289847
346	1	0	1.998	2.655116	0	0	0	0.32522379	11.76	0.86350677	0	0.86350677
346	2	0	2.061	2.603904	0	0	0	0.32119321	11.76	0.836356289	0	0.83635629
346	3	0	2.158	2.626429	0	0	0	0.31314713	11.76	0.822458583	0	0.82245858
346	4	0	2.221	2.774651	0	0	0	0.30820942	11.76	0.855173578	0	0.85517358
346	5	0	2.299	2.900659	0	0	0	0.31550057	11.76	0.915159586	0	0.91515959
346	6	0	2.267	3.249058	0	0	0	0.31050395	11.76	1.008845192	0	1.00884519
346	7	0	2.116	3.350604	0	0	0	0.30188804	11.76	1.011507209	0	1.01150721
346	8	0	2.101	3.671342	0	0	0	0.26877884	11.76	0.986779127	0	0.98677913
346	9	0	1.835	3.232514	0	0	0	0.23856695	11.76	0.771170911	0	0.77117091
346	10	0	1.417	2.813332	0	0	0	0.24176657	11.76	0.680169653	0	0.68016965
346	11	0	0.721	2.028327	0	0	0	0.23945302	11.76	0.485689128	0	0.48568913
346	12	0	0.324	1.587867	0	0	0	0.24644783	11.76	0.391326257	0	0.39132626
346	13	0	0.096	1.31318	0	0	0	0.2656847	11.76	0.34889183	0	0.34889183
346	14	0	0.096	1.243062	0	0	0	0.25384506	11.76	0.315545188	0	0.31554519
346	15	0	0.096	1.297726	0	0	0	0.26724903	11.76	0.346815924	0	0.34681592
346	16	0	0.096	1.33944	0	0	0	0.30724338	11.76	0.411533996	0	0.411534
346	17	0	0.305	1.789949	0	0	0	0.32146363	11.76	0.575403521	0	0.57540352
346	18	0	0.704	2.550422	0	0	0	0.31708761	11.76	0.808707363	0	0.80870736
346	19	0	0.782	2.714834	0	0	0	0.32100027	11.76	0.871462505	0	0.8714625
346	20	0	0.86	2.982975	0	0	0	0.31913334	11.76	0.951966782	0	0.95196678
346	21	0	1.089	3.156969	0	0	0	0.32306189	11.76	1.019896237	0	1.01989624
346	22	0	1.226	3.041728	0	0	0	0.31792936	11.76	0.967054807	0	0.96705481
346	23	0	1.488	2.882	0	0	0	0.3166278	11.76	0.912521299	0	0.9125213
346	24	0	1.758	2.855885	0	0	0	0.32388009	11.76	0.924964215	0	0.92496422
347	1	0	2.078	2.735116	0	0	0	0.32522379	11.76	0.889524726	0	0.88952473
347	2	0	2.11	2.652904	0	0	0	0.32119321	11.76	0.852094841	0	0.85209484
347	3	0	2.227	2.695429	0	0	0	0.31314713	11.76	0.844065736	0	0.84406574
347	4	0	1.996	2.549651	0	0	0	0.30820942	11.76	0.785826489	0	0.78582649
347	5	0	1.93	2.531659	0	0	0	0.31550057	11.76	0.79873989	0	0.79873989
347	6	0	2.033	3.015058	0	0	0	0.31050395	11.76	0.936187278	0	0.93618728
347	7	0	1.978	3.212604	0	0	0	0.30188804	11.76	0.969846728	0	0.96984673
347	8	0	2.059	3.629343	0	0	0	0.26877884	11.76	0.975490465	0	0.97549046
347	9	0	1.85	3.247514	0	0	0	0.23856695	11.76	0.77474944	0	0.77474944
347	10	0	0.891	2.287332	0	0	0	0.24176657	11.76	0.553000431	0	0.55300043
347	11	0	0.871	2.178327	0	0	0	0.23945302	11.76	0.521607046	0	0.52160705
347	12	0	0.672	1.935867	0	0	0	0.24644783	11.76	0.477090113	0	0.47709011
347	13	0	0.59	1.80718	0	0	0	0.2656847	11.76	0.480140062	0	0.48014006
347	14	0	0.778	1.925062	0	0	0	0.25384506	11.76	0.488667532	0	0.48866753
347	15	0	0.984	2.185726	0	0	0	0.26724903	11.76	0.584133063	0	0.58413306
347	16	0	1.117	2.36144	0	0	0	0.30724338	11.76	0.725536717	0	0.72553672
347	17	0	1.152	2.637949	0	0	0	0.32146363	11.76	0.848004656	0	0.84800466
347	18	0	0.952	2.798423	0	0	0	0.31708761	11.76	0.887345137	0	0.88734514
347	19	0	1.249	3.181834	0	0	0	0.32100027	11.76	1.021369631	0	1.02136963

347	20	0	1.276	3.398975	0	0	0	0.31913334	11.76	1.084726293	0	1.08472629
347	21	0	1.199	3.266969	0	0	0	0.32306189	11.76	1.055433088	0	1.05543309
347	22	0	1.121	2.936728	0	0	0	0.31792936	11.76	0.933672218	0	0.93367222
347	23	0	1.01	2.404	0	0	0	0.3166278	11.76	0.761173236	0	0.76117324
347	24	0	1.056	2.153885	0	0	0	0.32388009	11.76	0.697600348	0	0.69760035
348	1	0	1.413	2.070116	0	0	0	0.32522379	11.76	0.673250838	0	0.67325084
348	2	0	1.462	2.004904	0	0	0	0.32119321	11.76	0.64396164	0	0.64396164
348	3	0	1.655	2.123429	0	0	0	0.31314713	11.76	0.664945569	0	0.66494557
348	4	0	1.393	1.946651	0	0	0	0.30820942	11.76	0.599976161	0	0.59997616
348	5	0	1.683	2.284659	0	0	0	0.31550057	11.76	0.720811257	0	0.72081126
348	6	0	1.454	2.436058	0	0	0	0.31050395	11.76	0.756405493	0	0.75640549
348	7	0	1.174	2.408604	0	0	0	0.30188804	11.76	0.727128704	0	0.7271287
348	8	0	1.1	2.670342	0	0	0	0.26877884	11.76	0.717731532	0	0.71773153
348	9	0	0.939	2.336514	0	0	0	0.23856695	11.76	0.557414893	0	0.55741489
348	10	0	0.589	1.985332	0	0	0	0.24176657	11.76	0.479986915	0	0.47998692
348	11	0	0.509	1.816327	0	0	0	0.23945302	11.76	0.434925057	0	0.43492506
348	12	0	0.381	1.644866	0	0	0	0.24644783	11.76	0.405373764	0	0.40537376
348	13	0	0.438	1.65518	0	0	0	0.2656847	11.76	0.439756	0	0.439756
348	14	0	0.561	1.708062	0	0	0	0.25384506	11.76	0.433583151	0	0.43358315
348	15	0	0.633	1.834726	0	0	0	0.26724903	11.76	0.490328668	0	0.49032867
348	16	0	0.787	2.03144	0	0	0	0.30724338	11.76	0.624146425	0	0.62414643
348	17	0	0.822	2.307949	0	0	0	0.32146363	11.76	0.741921683	0	0.74192168
348	18	0	0.899	2.745422	0	0	0	0.31708761	11.76	0.870539426	0	0.87053943
348	19	0	0.983	2.915834	0	0	0	0.32100027	11.76	0.935983627	0	0.93598363
348	20	0	1.098	3.220975	0	0	0	0.31913334	11.76	1.027920567	0	1.02792057
348	21	0	1.21	3.277969	0	0	0	0.32306189	11.76	1.058986743	0	1.05898674
348	22	0	1.308	3.123729	0	0	0	0.31792936	11.76	0.99312502	0	0.99312502
348	23	0	1.499	2.893	0	0	0	0.3166278	11.76	0.916004254	0	0.91600425
348	24	0	1.565	2.662885	0	0	0	0.32388009	11.76	0.862455333	0	0.86245533
349	1	0	1.792	2.449116	0	0	0	0.32522379	11.76	0.796510717	0	0.79651072
349	2	0	1.893	2.435904	0	0	0	0.32119321	11.76	0.782395912	0	0.78239591
349	3	0	1.743	2.211429	0	0	0	0.31314713	11.76	0.692502535	0	0.69250254
349	4	0	1.825	2.378651	0	0	0	0.30820942	11.76	0.733122678	0	0.73312268
349	5	0	1.582	2.183659	0	0	0	0.31550057	11.76	0.688945677	0	0.68894568
349	6	0	1.546	2.528058	0	0	0	0.31050395	11.76	0.784971859	0	0.78497186
349	7	0	1.335	2.569604	0	0	0	0.30188804	11.76	0.775732682	0	0.77573268
349	8	0	1.675	3.245342	0	0	0	0.26877884	11.76	0.872279375	0	0.87227938
349	9	0	1.116	2.513514	0	0	0	0.23856695	11.76	0.599641253	0	0.59964125
349	10	0	1.376	2.772332	0	0	0	0.24176657	11.76	0.670257251	0	0.67025725
349	11	0	1.011	2.318327	0	0	0	0.23945302	11.76	0.555130494	0	0.55513049
349	12	0	0.92	2.183867	0	0	0	0.24644783	11.76	0.53820915	0	0.53820915
349	13	0	1.086	2.30318	0	0	0	0.2656847	11.76	0.611919688	0	0.61191969
349	14	0	1.181	2.328062	0	0	0	0.25384506	11.76	0.590967062	0	0.59096706
349	15	0	1.315	2.516726	0	0	0	0.26724903	11.76	0.672592451	0	0.67259245
349	16	0	1.339	2.58344	0	0	0	0.30724338	11.76	0.793744785	0	0.79374479
349	17	0	1.424	2.909949	0	0	0	0.32146363	11.76	0.935442787	0	0.93544279
349	18	0	1.322	3.168422	0	0	0	0.31708761	11.76	1.004667518	0	1.00466752
349	19	0	1.31	3.242834	0	0	0	0.32100027	11.76	1.040950606	0	1.04095061
349	20	0	1.248	3.370975	0	0	0	0.31913334	11.76	1.075790522	0	1.07579052
349	21	0	1.243	3.310969	0	0	0	0.32306189	11.76	1.069647782	0	1.06964778
349	22	0	1.361	3.176728	0	0	0	0.31792936	11.76	1.009975268	0	1.00997527
349	23	0	1.328	2.722	0	0	0	0.3166278	11.76	0.861860824	0	0.86186082
349	24	0	1.185	2.282885	0	0	0	0.32388009	11.76	0.739380863	0	0.73938086
350	1	0	1.198	1.855116	0	0	0	0.32522379	11.76	0.603327712	0	0.60332771
350	2	0	1.062	1.604904	0	0	0	0.32119321	11.76	0.515484363	0	0.51548436
350	3	0	0.981	1.449429	0	0	0	0.31314713	11.76	0.453884395	0	0.45388439
350	4	0	0.87	1.422651	0	0	0	0.30820942	11.76	0.438474449	0	0.43847445
350	5	0	0.823	1.423659	0	0	0	0.31550057	11.76	0.449165249	0	0.44916525
350	6	0	0.703	1.685058	0	0	0	0.31050395	11.76	0.523217014	0	0.52321701
350	7	0	0.689	1.923604	0	0	0	0.30188804	11.76	0.580713038	0	0.58071304
350	8	0	0.706	2.276342	0	0	0	0.26877884	11.76	0.611832657	0	0.61183266
350	9	0	0.714	2.111514	0	0	0	0.23856695	11.76	0.503737353	0	0.50373735
350	10	0	0.624	2.020332	0	0	0	0.24176657	11.76	0.488448766	0	0.48844877
350	11	0	0.589	1.896327	0	0	0	0.23945302	11.76	0.454081309	0	0.45408131
350	12	0	0.489	1.752867	0	0	0	0.24644783	11.76	0.431990139	0	0.43199014
350	13	0	0.509	1.72618	0	0	0	0.2656847	11.76	0.458619609	0	0.45861961
350	14	0	0.556	1.703062	0	0	0	0.25384506	11.76	0.432313927	0	0.43231393
350	15	0	0.743	1.944726	0	0	0	0.26724903	11.76	0.519726064	0	0.51972606
350	16	0	0.773	2.01744	0	0	0	0.30724338	11.76	0.619845037	0	0.61984504
350	17	0	0.95	2.435949	0	0	0	0.32146363	11.76	0.783069034	0	0.78306903
350	18	0	0.915	2.761422	0	0	0	0.31708761	11.76	0.875612839	0	0.87561284
350	19	0	0.918	2.850834	0	0	0	0.32100027	11.76	0.915118591	0	0.91511859
350	20	0	0.833	2.955975	0	0	0	0.31913334	11.76	0.943350198	0	0.9433502
350	21	0	0.889	2.956969	0	0	0	0.32306189	11.76	0.955283844	0	0.95528384
350	22	0	0.826	2.641728	0	0	0	0.31792936	11.76	0.839883031	0	0.83988303
350	23	0	0.865	2.259	0	0	0	0.3166278	11.76	0.715262212	0	0.71526221
350	24	0	1.128	2.225885	0	0	0	0.32388009	11.76	0.720919723	0	0.72091972
351	1	0	1.018	1.675116	0	0	0	0.32522379	11.76	0.544787446	0	0.54478745
351	2	0	1.082	1.624904	0	0	0	0.32119321	11.76	0.521908221	0	0.52190822
351	3	0	1.214	1.682429	0	0	0	0.31314713	11.76	0.526847689	0	0.52684769
351	4	0	1.151	1.704651	0	0	0	0.30820942	11.76	0.525389524	0	0.52538952
351	5	0	1.253	1.854659	0	0	0	0.31550057	11.76	0.585146029	0	0.58514603
351	6	0	1.172	2.154058	0	0	0	0.31050395	11.76	0.66884336	0	0.66884336
351	7	0	1.072	2.306604	0	0	0	0.30188804	11.76	0.696336125	0	0.69633613
351	8	0	1.077	2.647342	0	0	0	0.26877884	11.76	0.711549618	0	0.71154962
351	9	0	1.14	2.537514	0	0	0	0.23856695	11.76	0.6053669	0	0.6053669
351	10	0	1.19	2.586332	0	0	0	0.24176657	11.76	0.625288642	0	0.62528864
351	11	0	1.273	2.580328	0	0	0	0.23945302	11.76	0.617867204	0	0.6178672
351	12	0	1.075	2.338866	0	0	0	0.24644783	11.76	0.576408556	0	0.57640856
351	13	0	1.41	2.62718	0	0	0	0.2656847	11.76	0.6980015	0	0.6980015
351	14	0	1.44	2.587062	0	0	0	0.25384506	11.76	0.656712949	0	0.65671295
351	15	0	1.489	2.690726	0	0	0	0.26724903	11.76	0.719093852	0	0.71909385
351	16	0	1.613	2.85744	0	0	0	0.30724338	11.76	0.87792945	0	0.87792945
351	17	0	1.515	3.000949	0	0	0	0.32146363	11.76	0.964696003	0	0.964696
351	18	0	1.463	3.309422	0	0	0	0.31708761	11.76	1.049376882	0	1.04937688
351	19	0	1.391	3.323834	0	0	0	0.32100027	11.76	1.066951733	0	1.06695173
351	20	0	1.422	3.544975	0	0	0	0.31913334	11.76	1.131319732	0	1.13131973
351	21	0	1.548	3.615969	0	0	0	0.32306189	11.76	1.16818168	0	1.16818168
351	22	0	1.564	3.379728	0	0	0	0.31792936	11.76	1.074514875	0	1.07451488
351	23	0	1.569	2.963	0	0	0	0.3166278	11.76	0.938168179	0	0.93816818
351	24	0	1.692	2.789885	0	0	0	0.32388009	11.76	0.903588134	0	0.90358813
352	1	0	1.855	2.512116	0	0	0	0.32522379	11.76	0.816999804	0	0.8169998
352	2	0	1.956	2.498904	0	0	0	0.32119321	11.76	0.802631072	0	0.80263107
352	3	0	1.919	2.387429	0	0	0	0.31314713	11.76	0.747616467	0	0.74761647
352	4	0	2.127	2.680651	0	0	0	0.30820942	11.76	0.826201935	0	0.82620194
352	5	0	1.967	2.568659	0	0	0	0.31550057	11.76	0.810413392	0	0.81041339
352	6	0	1.863	2.845057	0	0	0	0.31050395	11.76	0.883401583	0	0.88340158
352	7	0	1.981	3.215604	0	0	0	0.30188804	11.76	0.970752326	0	0.97075233
352	8	0	1.964	3.534342	0	0	0	0.26877884	11.76	0.949956404	0	0.9499564
352	9	0	1.998	3.395514	0	0	0	0.23856695	11.76	0.810057292	0	0.81005729
352	10	0	1.633	3.029332	0	0	0	0.24176657	11.76	0.732391252	0	0.73239125

352	11	0	1.563	2.870327	0	0	0	0.23945302	11.76	0.687308569	0	0.68730857
352	12	0	1.166	2.429867	0	0	0	0.24644783	11.76	0.598835328	0	0.59883533
352	13	0	0.901	2.11818	0	0	0	0.2656847	11.76	0.562768033	0	0.56276803
352	14	0	0.583	1.730062	0	0	0	0.25384506	11.76	0.439167731	0	0.43916773
352	15	0	0.477	1.678726	0	0	0	0.26724903	11.76	0.448637815	0	0.44863781
352	16	0	0.793	2.03744	0	0	0	0.30724338	11.76	0.625989898	0	0.6259899
352	17	0	1.02	2.505949	0	0	0	0.32146363	11.76	0.805571467	0	0.80557147
352	18	0	1.087	2.933423	0	0	0	0.31708761	11.76	0.930151962	0	0.93015196
352	19	0	1.172	3.104834	0	0	0	0.32100027	11.76	0.996652566	0	0.99665257
352	20	0	1.329	3.451975	0	0	0	0.31913334	11.76	1.101640351	0	1.10164035
352	21	0	1.294	3.361969	0	0	0	0.32306189	11.76	1.0861239	0	1.0861239
352	22	0	1.421	3.236728	0	0	0	0.31792936	11.76	1.029051012	0	1.02905101
352	23	0	1.557	2.951	0	0	0	0.3166278	11.76	0.934368619	0	0.93436862
352	24	0	1.735	2.832885	0	0	0	0.32388009	11.76	0.917514973	0	0.91751497
353	1	0	1.77	2.427116	0	0	0	0.32522379	11.76	0.789355769	0	0.78935577
353	2	0	1.924	2.466904	0	0	0	0.32119321	11.76	0.792352869	0	0.79235287
353	3	0	2.035	2.503429	0	0	0	0.31314713	11.76	0.783941515	0	0.78394151
353	4	0	1.996	2.549651	0	0	0	0.30820942	11.76	0.785826489	0	0.78582649
353	5	0	1.922	2.523659	0	0	0	0.31550057	11.76	0.796215843	0	0.79621584
353	6	0	1.904	2.886058	0	0	0	0.31050395	11.76	0.896132285	0	0.89613228
353	7	0	1.847	3.081604	0	0	0	0.30188804	11.76	0.930299383	0	0.93029938
353	8	0	1.901	3.471343	0	0	0	0.26877884	11.76	0.933023411	0	0.93302341
353	9	0	1.839	3.236514	0	0	0	0.23856695	11.76	0.772125167	0	0.77212517
353	10	0	1.754	3.150332	0	0	0	0.24176657	11.76	0.761644962	0	0.76164496
353	11	0	1.657	2.964327	0	0	0	0.23945302	11.76	0.70981712	0	0.70981712
353	12	0	1.582	2.845866	0	0	0	0.24644783	11.76	0.701357596	0	0.7013576
353	13	0	1.473	2.69018	0	0	0	0.2656847	11.76	0.714739627	0	0.71473963
353	14	0	1.591	2.738062	0	0	0	0.25384506	11.76	0.69504356	0	0.69504356
353	15	0	1.469	2.670726	0	0	0	0.26724903	11.76	0.713748877	0	0.71374888
353	16	0	1.471	2.71544	0	0	0	0.30724338	11.76	0.834300902	0	0.8343009
353	17	0	1.416	2.901949	0	0	0	0.32146363	11.76	0.932871111	0	0.93287111
353	18	0	1.308	3.154423	0	0	0	0.31708761	11.76	1.000228311	0	1.00022831
353	19	0	1.237	3.169834	0	0	0	0.32100027	11.76	1.017517601	0	1.0175176
353	20	0	1.186	3.308975	0	0	0	0.31913334	11.76	1.056004243	0	1.05600424
353	21	0	1.171	3.238969	0	0	0	0.32306189	11.76	1.046387318	0	1.04638732
353	22	0	1.404	3.219728	0	0	0	0.31792936	11.76	1.023646225	0	1.02364623
353	23	0	1.571	2.965	0	0	0	0.3166278	11.76	0.938801389	0	0.93880139
353	24	0	1.872	2.969885	0	0	0	0.32388009	11.76	0.961886572	0	0.96188657
354	1	0	2.055	2.712116	0	0	0	0.32522379	11.76	0.882044578	0	0.88204458
354	2	0	2.024	2.566904	0	0	0	0.32119321	11.76	0.824472159	0	0.82447216
354	3	0	2.137	2.605429	0	0	0	0.31314713	11.76	0.815882522	0	0.81588252
354	4	0	1.95	2.503651	0	0	0	0.30820942	11.76	0.771648855	0	0.77164885
354	5	0	1.887	2.488659	0	0	0	0.31550057	11.76	0.785173371	0	0.78517337
354	6	0	1.705	2.687057	0	0	0	0.31050395	11.76	0.834341962	0	0.83434196
354	7	0	1.681	2.915604	0	0	0	0.30188804	11.76	0.88018593	0	0.88018593
354	8	0	1.672	3.242342	0	0	0	0.26877884	11.76	0.871473033	0	0.87147303
354	9	0	1.574	2.971514	0	0	0	0.23856695	11.76	0.708904958	0	0.70890496
354	10	0	1.571	2.967332	0	0	0	0.24176657	11.76	0.717401659	0	0.71740166
354	11	0	1.532	2.839327	0	0	0	0.23945302	11.76	0.679885493	0	0.67988549
354	12	0	1.032	2.295866	0	0	0	0.24644783	11.76	0.565811304	0	0.5658113
354	13	0	1.073	2.29018	0	0	0	0.2656847	11.76	0.608465784	0	0.60846578
354	14	0	1.071	2.218062	0	0	0	0.25384506	11.76	0.563044131	0	0.56304413
354	15	0	1.17	2.371726	0	0	0	0.26724903	11.76	0.633841411	0	0.63384141
354	16	0	0.995	2.23944	0	0	0	0.30724338	11.76	0.688053031	0	0.68805303
354	17	0	1.229	2.714949	0	0	0	0.32146363	11.76	0.872757401	0	0.8727574
354	18	0	1.246	3.092422	0	0	0	0.31708761	11.76	0.980568867	0	0.98056887
354	19	0	1.293	3.225834	0	0	0	0.32100027	11.76	1.035493691	0	1.03549369
354	20	0	1.35	3.472975	0	0	0	0.31913334	11.76	1.108342122	0	1.10834212
354	21	0	1.38	3.447968	0	0	0	0.32306189	11.76	1.113907211	0	1.11390721
354	22	0	1.396	3.211729	0	0	0	0.31792936	11.76	1.021102823	0	1.02110282
354	23	0	1.487	2.881	0	0	0	0.3166278	11.76	0.912204694	0	0.91220469
354	24	0	1.706	2.803885	0	0	0	0.32388009	11.76	0.908122436	0	0.90812244
355	1	0	1.847	2.504116	0	0	0	0.32522379	11.76	0.81439797	0	0.81439797
355	2	0	1.946	2.488904	0	0	0	0.32119321	11.76	0.799419143	0	0.79941914
355	3	0	1.979	2.447429	0	0	0	0.31314713	11.76	0.766405277	0	0.76640528
355	4	0	2.09	2.643651	0	0	0	0.30820942	11.76	0.814798205	0	0.81479821
355	5	0	2.117	2.718659	0	0	0	0.31550057	11.76	0.857738508	0	0.85773851
355	6	0	2.134	3.116058	0	0	0	0.31050395	11.76	0.967548199	0	0.9675482
355	7	0	2.065	3.299604	0	0	0	0.30188804	11.76	0.996110955	0	0.99611095
355	8	0	2.236	3.806343	0	0	0	0.26877884	11.76	1.023064331	0	1.02306433
355	9	0	1.804	3.201514	0	0	0	0.23856695	11.76	0.763775303	0	0.7637753
355	10	0	1.187	2.583332	0	0	0	0.24176657	11.76	0.624563337	0	0.62456334
355	11	0	0.906	2.213327	0	0	0	0.23945302	11.76	0.529987922	0	0.52998792
355	12	0	0.33	1.593866	0	0	0	0.24644783	11.76	0.392804925	0	0.39280493
355	13	0	0.241	1.45818	0	0	0	0.2656847	11.76	0.387416107	0	0.38741611
355	14	0	0.266	1.413062	0	0	0	0.25384506	11.76	0.358698838	0	0.35869884
355	15	0	0.447	1.648726	0	0	0	0.26724903	11.76	0.440620352	0	0.44062035
355	16	0	0.569	1.81344	0	0	0	0.30724338	11.76	0.557167388	0	0.55716739
355	17	0	0.905	2.390949	0	0	0	0.32146363	11.76	0.768603146	0	0.76860315
355	18	0	1.188	3.034422	0	0	0	0.31708761	11.76	0.962177758	0	0.96217776
355	19	0	1.458	3.390834	0	0	0	0.32100027	11.76	1.088458722	0	1.08845872
355	20	0	1.53	3.652975	0	0	0	0.31913334	11.76	1.165786145	0	1.16578615
355	21	0	1.703	3.770969	0	0	0	0.32306189	11.76	1.218256264	0	1.21825626
355	22	0	1.954	3.769728	0	0	0	0.31792936	11.76	1.198507361	0	1.19850736
355	23	0	2.145	3.539	0	0	0	0.3166278	11.76	1.120545782	0	1.12054578
355	24	0	2.293	3.390885	0	0	0	0.32388009	11.76	1.098240012	0	1.09824001
356	1	0	2.513	3.170116	0	0	0	0.32522379	11.76	1.030997058	0	1.03099706
356	2	0	2.516	3.058904	0	0	0	0.32119321	11.76	0.982499175	0	0.98249918
356	3	0	2.579	3.047429	0	0	0	0.31314713	11.76	0.954293526	0	0.95429353
356	4	0	2.535	3.088651	0	0	0	0.30820942	11.76	0.951951301	0	0.9519513
356	5	0	2.494	3.095659	0	0	0	0.31550057	11.76	0.976682176	0	0.97668218
356	6	0	2.406	3.388058	0	0	0	0.31050395	11.76	1.052005296	0	1.0520053
356	7	0	2.425	3.659604	0	0	0	0.30188804	11.76	1.104790688	0	1.10479069
356	8	0	2.437	4.007342	0	0	0	0.26877884	11.76	1.077088806	0	1.07708881
356	9	0	2.285	3.682513	0	0	0	0.23856695	11.76	0.878525991	0	0.87852599
356	10	0	2.193	3.589332	0	0	0	0.24176657	11.76	0.867780519	0	0.86778052
356	11	0	1.866	3.173327	0	0	0	0.23945302	11.76	0.759862827	0	0.75986283
356	12	0	1.502	2.765867	0	0	0	0.24644783	11.76	0.681641789	0	0.68164179
356	13	0	1.421	2.63818	0	0	0	0.2656847	11.76	0.700924073	0	0.70092407
356	14	0	1.409	2.556062	0	0	0	0.25384506	11.76	0.648843717	0	0.64884372
356	15	0	1.364	2.565726	0	0	0	0.26724903	11.76	0.685687724	0	0.68568772
356	16	0	1.257	2.50144	0	0	0	0.30724338	11.76	0.768550823	0	0.76855082
356	17	0	1.49	2.975949	0	0	0	0.32146363	11.76	0.956659382	0	0.95665938
356	18	0	1.361	3.207422	0	0	0	0.31708761	11.76	1.017033946	0	1.01703395
356	19	0	1.372	3.304834	0	0	0	0.32100027	11.76	1.060852711	0	1.06085271
356	20	0	1.395	3.517975	0	0	0	0.31913334	11.76	1.122703147	0	1.12270315
356	21	0	1.554	3.621969	0	0	0	0.32306189	11.76	1.170120065	0	1.17012007
356	22	0	1.775	3.590728	0	0	0	0.31792936	11.76	1.14159796	0	1.14159796
356	23	0	2.101	3.495	0	0	0	0.3166278	11.76	1.106614187	0	1.10661419
356	24	0	2.046	3.143885	0	0	0	0.32388009	11.76	1.018241638	0	1.01824164
357	1	0	2.15	2.807116	0	0	0	0.32522379	11.76	0.912940771	0	0.91294077

357	2	0	2.122	2.664904	0	0	0	0.32119321	11.76	0.85594911	0	0.85594911
357	3	0	2.128	2.596429	0	0	0	0.31314713	11.76	0.813064178	0	0.81306418
357	4	0	1.959	2.512651	0	0	0	0.30820942	11.76	0.774422759	0	0.77442276
357	5	0	2.048	2.649659	0	0	0	0.31550057	11.76	0.835968967	0	0.83596897
357	6	0	1.868	2.850058	0	0	0	0.31050395	11.76	0.884954139	0	0.88495414
357	7	0	1.801	3.035604	0	0	0	0.30188804	11.76	0.916412532	0	0.91641253
357	8	0	1.822	3.392343	0	0	0	0.26877884	11.76	0.911789884	0	0.91178988
357	9	0	1.778	3.175514	0	0	0	0.23856695	11.76	0.757572557	0	0.75757256
357	10	0	1.808	3.204332	0	0	0	0.24176657	11.76	0.774700333	0	0.77470033
357	11	0	1.704	3.011327	0	0	0	0.23945302	11.76	0.721071395	0	0.7210714
357	12	0	1.662	2.925866	0	0	0	0.24644783	11.76	0.721073403	0	0.7210734
357	13	0	1.479	2.69618	0	0	0	0.2656847	11.76	0.716333746	0	0.71633375
357	14	0	1.317	2.464062	0	0	0	0.25384506	11.76	0.62549003	0	0.62549003
357	15	0	1.142	2.343726	0	0	0	0.26724903	11.76	0.626358407	0	0.62635841
357	16	0	1.208	2.45244	0	0	0	0.30724338	11.76	0.753495889	0	0.75349589
357	17	0	1.344	2.829949	0	0	0	0.32146363	11.76	0.909725721	0	0.90972572
357	18	0	1.282	3.128422	0	0	0	0.31708761	11.76	0.991984026	0	0.99198403
357	19	0	1.253	3.185834	0	0	0	0.32100027	11.76	1.022653692	0	1.02265369
357	20	0	1.198	3.320975	0	0	0	0.31913334	11.76	1.05983387	0	1.05983387
357	21	0	1.194	3.261969	0	0	0	0.32306189	11.76	1.053817742	0	1.05381774
357	22	0	1.286	3.101728	0	0	0	0.31792936	11.76	0.986130551	0	0.98613055
357	23	0	1.43	2.824	0	0	0	0.3166278	11.76	0.894156859	0	0.89415686
357	24	0	1.7	2.797885	0	0	0	0.32388009	11.76	0.906179142	0	0.90617914
358	1	0	1.653	2.310116	0	0	0	0.32522379	11.76	0.751304552	0	0.75130455
358	2	0	1.721	2.263904	0	0	0	0.32119321	11.76	0.727150625	0	0.72715062
358	3	0	1.739	2.207429	0	0	0	0.31314713	11.76	0.691249963	0	0.69124996
358	4	0	1.73	2.283651	0	0	0	0.30820942	11.76	0.703842775	0	0.70384277
358	5	0	1.71	2.311659	0	0	0	0.31550057	11.76	0.729329756	0	0.72932976
358	6	0	1.631	2.613058	0	0	0	0.31050395	11.76	0.811364706	0	0.81136471
358	7	0	1.653	2.887604	0	0	0	0.30188804	11.76	0.871733102	0	0.8717331
358	8	0	1.751	3.321342	0	0	0	0.26877884	11.76	0.89270656	0	0.89270656
358	9	0	1.612	3.009514	0	0	0	0.23856695	11.76	0.71797047	0	0.71797047
358	10	0	1.367	2.763332	0	0	0	0.24176657	11.76	0.668081279	0	0.66808128
358	11	0	1.109	2.416327	0	0	0	0.23945302	11.76	0.578596901	0	0.5785969
358	12	0	1.068	2.331867	0	0	0	0.24644783	11.76	0.574683429	0	0.57468343
358	13	0	0.885	2.10218	0	0	0	0.2656847	11.76	0.558517069	0	0.55851707
358	14	0	0.83	1.977062	0	0	0	0.25384506	11.76	0.501867487	0	0.50186749
358	15	0	0.683	1.884726	0	0	0	0.26724903	11.76	0.503691106	0	0.50369111
358	16	0	1.056	2.30044	0	0	0	0.30724338	11.76	0.706794911	0	0.70679491
358	17	0	1.366	2.851949	0	0	0	0.32146363	11.76	0.916797945	0	0.91679794
358	18	0	1.433	3.279423	0	0	0	0.31708761	11.76	1.039864263	0	1.03986426
358	19	0	1.496	3.428834	0	0	0	0.32100027	11.76	1.100656767	0	1.10065677
358	20	0	1.632	3.754975	0	0	0	0.31913334	11.76	1.198337745	0	1.19833775
358	21	0	1.639	3.706969	0	0	0	0.32306189	11.76	1.197580338	0	1.19758034
358	22	0	1.836	3.651729	0	0	0	0.31792936	11.76	1.160991762	0	1.16099176
358	23	0	1.948	3.342	0	0	0	0.3166278	11.76	1.058170097	0	1.0581701
358	24	0	2.017	3.114885	0	0	0	0.32388009	11.76	1.008849101	0	1.0088491
359	1	0	2.29	2.947116	0	0	0	0.32522379	11.76	0.958472136	0	0.95847214
359	2	0	2.401	2.943904	0	0	0	0.32119321	11.76	0.945562029	0	0.94556203
359	3	0	2.344	2.812428	0	0	0	0.31314713	11.76	0.880703908	0	0.88070391
359	4	0	2.351	2.904651	0	0	0	0.30820942	11.76	0.895240837	0	0.89524084
359	5	0	2.337	2.938659	0	0	0	0.31550057	11.76	0.927148641	0	0.92714864
359	6	0	2.374	3.356057	0	0	0	0.31050395	11.76	1.042069075	0	1.04206908
359	7	0	2.359	3.593604	0	0	0	0.30188804	11.76	1.084866011	0	1.08486601
359	8	0	2.466	4.036343	0	0	0	0.26877884	11.76	1.084883468	0	1.08488347
359	9	0	2.295	3.692514	0	0	0	0.23856695	11.76	0.880911715	0	0.88091172
359	10	0	2.247	3.643332	0	0	0	0.24176657	11.76	0.88083589	0	0.88083589
359	11	0	1.852	3.159328	0	0	0	0.23945302	11.76	0.756510499	0	0.7565105
359	12	0	1.844	3.107867	0	0	0	0.24644783	11.76	0.765926947	0	0.76592695
359	13	0	1.219	2.43618	0	0	0	0.2656847	11.76	0.647255726	0	0.64725573
359	14	0	1.198	2.345062	0	0	0	0.25384506	11.76	0.595282418	0	0.59528242
359	15	0	1.251	2.452726	0	0	0	0.26724903	11.76	0.655488606	0	0.65548861
359	16	0	1.473	2.71744	0	0	0	0.30724338	11.76	0.834915344	0	0.83491534
359	17	0	1.642	3.127949	0	0	0	0.32146363	11.76	1.005521914	0	1.00552191
359	18	0	1.738	3.584423	0	0	0	0.31708761	11.76	1.136576006	0	1.13657601
359	19	0	2.047	3.979834	0	0	0	0.32100027	11.76	1.277527798	0	1.2775278
359	20	0	1.91	4.032975	0	0	0	0.31913334	11.76	1.287056852	0	1.28705685
359	21	0	1.973	4.040969	0	0	0	0.32306189	11.76	1.305483045	0	1.30548304
359	22	0	2.01	3.825728	0	0	0	0.31792936	11.76	1.216311403	0	1.2163114
359	23	0	2.161	3.555	0	0	0	0.3166278	11.76	1.125611837	0	1.12561184
359	24	0	2.4	3.497885	0	0	0	0.32388009	11.76	1.132895141	0	1.13289514
360	1	0	2.578	3.235116	0	0	0	0.32522379	11.76	1.052136623	0	1.05213662
360	2	0	2.561	3.103904	0	0	0	0.32119321	11.76	0.996952971	0	0.99695297
360	3	0	2.538	3.006429	0	0	0	0.31314713	11.76	0.941454528	0	0.94145453
360	4	0	2.694	3.247651	0	0	0	0.30820942	11.76	1.000956647	0	1.00095665
360	5	0	2.546	3.147659	0	0	0	0.31550057	11.76	0.99308822	0	0.99308822
360	6	0	2.475	3.457058	0	0	0	0.31050395	11.76	1.07343007	0	1.07343007
360	7	0	2.626	3.860604	0	0	0	0.30188804	11.76	1.165470104	0	1.1654701
360	8	0	2.615	4.185342	0	0	0	0.26877884	11.76	1.124931432	0	1.12493143
360	9	0	2.671	4.068514	0	0	0	0.23856695	11.76	0.970612926	0	0.97061293
360	10	0	2.573	3.969332	0	0	0	0.24176657	11.76	0.959651786	0	0.95965179
360	11	0	2.52	3.827327	0	0	0	0.23945302	11.76	0.916465052	0	0.91646505
360	12	0	2.425	3.688866	0	0	0	0.24644783	11.76	0.909113097	0	0.9091131
360	13	0	2.405	3.62218	0	0	0	0.2656847	11.76	0.962357875	0	0.96235788
360	14	0	2.352	3.499062	0	0	0	0.25384506	11.76	0.888219632	0	0.88821963
360	15	0	2.095	3.297726	0	0	0	0.26724903	11.76	0.881313978	0	0.88131398
360	16	0	2.011	3.25544	0	0	0	0.30724338	11.76	1.000212316	0	1.00021232
360	17	0	1.788	3.273949	0	0	0	0.32146363	11.76	1.052455574	0	1.05245557
360	18	0	1.623	3.469422	0	0	0	0.31708761	11.76	1.100110852	0	1.10011085
360	19	0	1.706	3.638834	0	0	0	0.32100027	11.76	1.168066758	0	1.16806676
360	20	0	1.545	3.667975	0	0	0	0.31913334	11.76	1.170573103	0	1.1705731
360	21	0	1.401	3.468969	0	0	0	0.32306189	11.76	1.120691558	0	1.12069156
360	22	0	1.441	3.256728	0	0	0	0.31792936	11.76	1.035409593	0	1.03540959
360	23	0	1.578	2.972	0	0	0	0.3166278	11.76	0.941017849	0	0.94101785
360	24	0	1.936	3.033885	0	0	0	0.32388009	11.76	0.982614862	0	0.98261486
361	1	0	2.018	2.675116	0	0	0	0.32522379	11.76	0.870011317	0	0.87001132
361	2	0	1.985	2.527904	0	0	0	0.32119321	11.76	0.811945613	0	0.81194561
361	3	0	1.906	2.374429	0	0	0	0.31314713	11.76	0.743545551	0	0.74354555
361	4	0	1.825	2.378651	0	0	0	0.30820942	11.76	0.733122678	0	0.73312268
361	5	0	1.836	2.437659	0	0	0	0.31550057	11.76	0.769082805	0	0.7690828
361	6	0	1.724	2.706058	0	0	0	0.31050395	11.76	0.840241553	0	0.84024155
361	7	0	1.696	2.930604	0	0	0	0.30188804	11.76	0.884714282	0	0.88471428
361	8	0	1.71	3.280343	0	0	0	0.26877884	11.76	0.881686658	0	0.88168666
361	9	0	1.703	3.100514	0	0	0	0.23856695	11.76	0.739680082	0	0.73968008
361	10	0	1.502	2.898332	0	0	0	0.24176657	11.76	0.700719821	0	0.70071982
361	11	0	1.098	2.405327	0	0	0	0.23945302	11.76	0.57596288	0	0.57596288
361	12	0	0.931	2.194866	0	0	0	0.24644783	11.76	0.540920056	0	0.54092006
361	13	0	0.887	2.10418	0	0	0	0.2656847	11.76	0.5590484	0	0.5590484
361	14	0	0.935	2.082062	0	0	0	0.25384506	11.76	0.528521223	0	0.52852122
361	15	0	0.872	2.073726	0	0	0	0.26724903	11.76	0.554201175	0	0.55420118
361	16	0	0.932	2.17644	0	0	0	0.30724338	11.76	0.668696709	0	0.66869671

361	17	0	1.121	2.606949	0	0	0	0.32146363	11.76	0.838039316	0	0.83803932
361	18	0	1.019	2.865422	0	0	0	0.31708761	11.76	0.908589979	0	0.90858998
361	19	0	1.099	3.031834	0	0	0	0.32100027	11.76	0.973219561	0	0.97321956
361	20	0	1.059	3.181975	0	0	0	0.31913334	11.76	1.015474355	0	1.01547436
361	21	0	1.067	3.134969	0	0	0	0.32306189	11.76	1.012788852	0	1.01278885
361	22	0	1.085	2.900728	0	0	0	0.31792936	11.76	0.922226756	0	0.92222676
361	23	0	1.162	2.556	0	0	0	0.3166278	11.76	0.809300645	0	0.80930065
361	24	0	1.346	2.443885	0	0	0	0.32388009	11.76	0.791525561	0	0.79152556
362	1	0	1.609	2.266116	0	0	0	0.32522379	11.76	0.736994734	0	0.73699473
362	2	0	1.652	2.194904	0	0	0	0.32119321	11.76	0.704988368	0	0.70498837
362	3	0	1.29	1.758429	0	0	0	0.31314713	11.76	0.550646901	0	0.5506469
362	4	0	1.111	1.664651	0	0	0	0.30820942	11.76	0.513061159	0	0.51306116
362	5	0	1.048	1.649659	0	0	0	0.31550057	11.76	0.5204684	0	0.5204684
362	6	0	0.958	1.940058	0	0	0	0.31050395	11.76	0.602395519	0	0.60239552
362	7	0	0.847	2.081604	0	0	0	0.30188804	11.76	0.628411346	0	0.62841135
362	8	0	0.877	2.447342	0	0	0	0.26877884	11.76	0.657793839	0	0.65779384
362	9	0	0.761	2.158514	0	0	0	0.23856695	11.76	0.514949983	0	0.51494998
362	10	0	0.763	2.159332	0	0	0	0.24176657	11.76	0.522054305	0	0.5220543
362	11	0	0.716	2.023327	0	0	0	0.23945302	11.76	0.484491836	0	0.48449184
362	12	0	0.616	1.879866	0	0	0	0.24644783	11.76	0.463289006	0	0.46328901
362	13	0	0.524	1.74118	0	0	0	0.2656847	11.76	0.462604875	0	0.46260488
362	14	0	0.552	1.699062	0	0	0	0.25384506	11.76	0.43129853	0	0.43129853
362	15	0	0.482	1.683726	0	0	0	0.26724903	11.76	0.449974059	0	0.44997406
362	16	0	0.421	1.66544	0	0	0	0.30724338	11.76	0.511695367	0	0.51169537
362	17	0	0.461	1.946949	0	0	0	0.32146363	11.76	0.625873293	0	0.62587329
362	18	0	0.458	2.304422	0	0	0	0.31708761	11.76	0.730703794	0	0.73070379
362	19	0	0.456	2.388834	0	0	0	0.32100027	11.76	0.766816426	0	0.76681643
362	20	0	0.412	2.534975	0	0	0	0.31913334	11.76	0.808995059	0	0.80899506
362	21	0	0.448	2.515969	0	0	0	0.32306189	11.76	0.812813556	0	0.81281356
362	22	0	0.478	2.293728	0	0	0	0.31792936	11.76	0.729243597	0	0.7292436
362	23	0	0.717	2.111	0	0	0	0.3166278	11.76	0.668401297	0	0.6684013
362	24	0	0.81	1.907885	0	0	0	0.32388009	11.76	0.617925869	0	0.61792587
363	1	0	0.838	1.495116	0	0	0	0.32522379	11.76	0.48624718	0	0.48624718
363	2	0	0.832	1.374904	0	0	0	0.32119321	11.76	0.441609918	0	0.44160992
363	3	0	0.806	1.273429	0	0	0	0.31314713	11.76	0.398770537	0	0.39877054
363	4	0	0.788	1.340651	0	0	0	0.30820942	11.76	0.413201309	0	0.41320131
363	5	0	0.78	1.380659	0	0	0	0.31550057	11.76	0.43559873	0	0.43559873
363	6	0	0.684	1.666058	0	0	0	0.31050395	11.76	0.517317459	0	0.51731746
363	7	0	0.736	1.970604	0	0	0	0.30188804	11.76	0.594901755	0	0.59490176
363	8	0	0.789	2.359342	0	0	0	0.26877884	11.76	0.634141285	0	0.63414129
363	9	0	0.703	2.100514	0	0	0	0.23856695	11.76	0.501113136	0	0.50111314
363	10	0	0.693	2.089332	0	0	0	0.24176657	11.76	0.505130661	0	0.50513066
363	11	0	0.627	1.934327	0	0	0	0.23945302	11.76	0.463180521	0	0.46318052
363	12	0	0.306	1.569866	0	0	0	0.24644783	11.76	0.386890165	0	0.38689017
363	13	0	0.345	1.56218	0	0	0	0.2656847	11.76	0.415047308	0	0.41504731
363	14	0	0.221	1.368062	0	0	0	0.25384506	11.76	0.347275821	0	0.34727582
363	15	0	0.295	1.496726	0	0	0	0.26724903	11.76	0.399998481	0	0.39999848
363	16	0	0.358	1.60244	0	0	0	0.30724338	11.76	0.492339009	0	0.49233901
363	17	0	0.513	1.998949	0	0	0	0.32146363	11.76	0.642589416	0	0.64258942
363	18	0	0.512	2.358423	0	0	0	0.31708761	11.76	0.747826569	0	0.74782657
363	19	0	0.502	2.434834	0	0	0	0.32100027	11.76	0.781582439	0	0.78158244
363	20	0	0.552	2.674975	0	0	0	0.31913334	11.76	0.853673685	0	0.85367368
363	21	0	0.514	2.581969	0	0	0	0.32306189	11.76	0.834135636	0	0.83413564
363	22	0	0.591	2.406729	0	0	0	0.31792936	11.76	0.765169664	0	0.76516966
363	23	0	0.68	2.074	0	0	0	0.3166278	11.76	0.656686087	0	0.65668609
363	24	0	0.903	2.000885	0	0	0	0.32388009	11.76	0.648046734	0	0.64804673
364	1	0	0.96	1.617116	0	0	0	0.32522379	11.76	0.525924476	0	0.52592448
364	2	0	1.099	1.641904	0	0	0	0.32119321	11.76	0.527368493	0	0.52736849
364	3	0	1.141	1.608429	0	0	0	0.31314713	11.76	0.503674838	0	0.50367484
364	4	0	1.381	1.933651	0	0	0	0.30820942	11.76	0.595969509	0	0.59596951
364	5	0	1.404	2.005659	0	0	0	0.31550057	11.76	0.632786585	0	0.63278658
364	6	0	1.564	2.546057	0	0	0	0.31050395	11.76	0.790560895	0	0.7905609
364	7	0	1.537	2.771604	0	0	0	0.30188804	11.76	0.836714108	0	0.83671411
364	8	0	1.628	3.198342	0	0	0	0.26877884	11.76	0.859646724	0	0.85964672
364	9	0	1.539	2.936514	0	0	0	0.23856695	11.76	0.700555094	0	0.70055509
364	10	0	0.973	2.369332	0	0	0	0.24176657	11.76	0.572825294	0	0.57282529
364	11	0	0.335	1.642327	0	0	0	0.23945302	11.76	0.393260255	0	0.39326026
364	12	0	0.096	1.359866	0	0	0	0.24644783	11.76	0.335136142	0	0.33513614
364	13	0	0.096	1.31318	0	0	0	0.2656847	11.76	0.34889183	0	0.34889183
364	14	0	0.149	1.296062	0	0	0	0.25384506	11.76	0.32899897	0	0.32899897
364	15	0	0.204	1.405726	0	0	0	0.26724903	11.76	0.37567883	0	0.37567883
364	16	0	0.152	1.39644	0	0	0	0.30724338	11.76	0.429046882	0	0.42904688
364	17	0	0.663	2.148949	0	0	0	0.32146363	11.76	0.690808992	0	0.69080899
364	18	0	0.835	2.681422	0	0	0	0.31708761	11.76	0.850245854	0	0.85024585
364	19	0	1.102	3.034834	0	0	0	0.32100027	11.76	0.974182645	0	0.97418264
364	20	0	0.875	2.997975	0	0	0	0.31913334	11.76	0.956753816	0	0.95675382
364	21	0	1.196	3.263968	0	0	0	0.32306189	11.76	1.054463819	0	1.05446382
364	22	0	1.266	3.081728	0	0	0	0.31792936	11.76	0.979771969	0	0.97977197
364	23	0	1.548	2.942	0	0	0	0.3166278	11.76	0.931518949	0	0.93151895
364	24	0	1.642	2.739885	0	0	0	0.32388009	11.76	0.887394068	0	0.88739407
365	1	0	1.671	2.328116	0	0	0	0.32522379	11.76	0.757158621	0	0.75715862
365	2	0	1.808	2.350904	0	0	0	0.32119321	11.76	0.755094476	0	0.75509448
365	3	0	2.056	2.524429	0	0	0	0.31314713	11.76	0.790517576	0	0.79051758
365	4	0	1.965	2.518651	0	0	0	0.30820942	11.76	0.776272028	0	0.77627203
365	5	0	2.092	2.693659	0	0	0	0.31550057	11.76	0.849850963	0	0.84985096
365	6	0	1.999	2.981057	0	0	0	0.31050395	11.76	0.925630095	0	0.92563009
365	7	0	1.931	3.165604	0	0	0	0.30188804	11.76	0.955657939	0	0.95565794
365	8	0	1.846	3.416342	0	0	0	0.26877884	11.76	0.918240493	0	0.91824049
365	9	0	1.812	3.209514	0	0	0	0.23856695	11.76	0.765683871	0	0.76568387
365	10	0	1.958	3.354332	0	0	0	0.24176657	11.76	0.810965342	0	0.81096534
365	11	0	1.709	3.016327	0	0	0	0.23945302	11.76	0.722268688	0	0.72226869
365	12	0	1.269	2.532866	0	0	0	0.24644783	11.76	0.624219436	0	0.62421944
365	13	0	1.109	2.32618	0	0	0	0.2656847	11.76	0.618030436	0	0.61803044
365	14	0	1.034	2.181062	0	0	0	0.25384506	11.76	0.553651818	0	0.55365182
365	15	0	1.126	2.327726	0	0	0	0.26724903	11.76	0.622082414	0	0.62208241
365	16	0	1.163	2.40744	0	0	0	0.30724338	11.76	0.739669914	0	0.73966991
365	17	0	0.965	2.450949	0	0	0	0.32146363	11.76	0.787890946	0	0.78789095
365	18	0	0.882	2.728422	0	0	0	0.31708761	11.76	0.86514895	0	0.86514895
365	19	0	0.711	2.643834	0	0	0	0.32100027	11.76	0.848671531	0	0.84867153
365	20	0	0.68	2.802975	0	0	0	0.31913334	11.76	0.894522835	0	0.89452284
365	21	0	0.718	2.785969	0	0	0	0.32306189	11.76	0.90004026	0	0.90004026
365	22	0	0.757	2.572728	0	0	0	0.31792936	11.76	0.817945903	0	0.8179459
365	23	0	0.951	2.345	0	0	0	0.3166278	11.76	0.742492191	0	0.74249219
365	24	0	1.041	2.138885	0	0	0	0.32388009	11.76	0.69274219	0	0.69274219