

## Appendix E.

### Multinomial Reference Distribution of ESS Grand Totals with 5 Repetitions of 2 Relevant Questions

score	ways	pmf	cdf	cdfContCor	odds	oddsLL05
-19	130	.0006*	.0014	.0011	903.2	12.29
-18	140	.0010	.0024	.0019	517.3	11.91
-17	148	.0016	.0041	.0033	305.8	11.33
-16	157	.0025	.0066	.0053	186.2	10.53
-15	164	.0038	.0103	.0085	116.7	9.51
-14	172	.0055	.0158	.0131	75.11	9.51
-13	178	.0077	.0234	.0198	49.57	8.04
-12	185	.0106	.0339	.0290	33.49	7.22
-11	190	.0142	.0477	.0415	23.13	6.18
-10	196	.0184	.0656	.0578	16.3	5.12
-9	200	.0233	.0880	.0788	11.69	4.29
-8	205	.0287	.1155	.1049	8.53	3.5
-7	208	.0345	.1482	.1367	6.32	2.82
-6	212	.0404	.1862	.1743	4.74	2.28
-5	214	.0462	.2293	.2177	3.6	1.84
-4	217	.0515	.2771	.2665	2.75	1.47
-3	218	.0561	.3290	.3202	2.12	1.16
-2	220	.0595	.3842	.3778	1.65	0.92
-1	220	.0617	.4415	.4382	1.28	0.72
0	221	.0625	.5000	.5000	1	0.57
1	220	.0617	.5585	.5618	1.28	0.72
2	220	.0595	.6158	.6222	1.65	0.92
3	218	.0561	.6710	.6798	2.12	1.16
4	217	.0515	.7229	.7335	2.75	1.47
5	214	.0462	.7707	.7823	3.6	1.84
6	212	.0404	.8138	.8257	4.74	2.28
7	208	.0345	.8518	.8633	6.32	2.82
8	205	.0287	.8845	.8951	8.53	3.5
9	200	.0233	.9120	.9212	11.69	4.29
10	196	.0184	.9344	.9422	16.3	5.12
11	190	.0142	.9523	.9586	23.13	6.18
12	185	.0106	.9661	.9710	33.49	7.22
13	178	.0077	.9766	.9802	49.57	8.04
14	172	.0055	.9842	.9869	75.11	9.51
15	164	.0038	.9897	.9915	116.7	9.51
16	157	.0025	.9934	.9947	186.2	10.53
17	148	.0016	.9959	.9967	305.8	11.33
18	140	.0010	.9976	.9981	517.3	11.91
19	130	.0006*	.9986	.9989	903.2	12.29

\* extreme values omitted



## Appendix F.

### Multinomial Reference Distribution of ESS Grand Totals with 5 Repetitions of 3 Relevant Questions

score	ways	<i>pmf</i>	<i>cdf</i>	<i>cdfContCor</i>	odds	oddsLL05
-22	360	.0009*	.0025	.0021	483	17.34
-21	370	.0013	.0038	.0031	317.7	16.38
-20	381	.0018	.0056	.0047	212.8	15.18
-18	400	.0035	.0115	.0098	100.6	13.93
-17	408	.0047	.0162	.0139	70.88	12.03
-16	417	.0062	.0223	.0193	50.72	11.12
-15	424	.0080	.0301	.0264	36.84	9.86
-14	432	.0102	.0402	.0355	27.14	8.48
-13	438	.0128	.0526	.0471	20.25	7.15
-12	445	.0157	.0680	.0613	15.31	6.13
-11	450	.0190	.0864	.0787	11.7	5.15
-10	456	.0226	.1081	.0996	9.04	4.27
-9	460	.0264	.1335	.1242	7.05	3.57
-8	465	.0304	.1624	.1526	5.55	2.99
-7	468	.0343	.1950	.1850	4.4	2.48
-6	472	.0382	.2310	.2213	3.52	2.05
-5	474	.0418	.2703	.2613	2.83	1.69
-4	477	.0449	.3125	.3046	2.28	1.4
-3	478	.0476	.3571	.3508	1.85	1.15
-2	480	.0495	.4036	.3992	1.51	0.95
-1	480	.0508	.4515	.4492	1.23	0.77
0	481	.0512	.5000	.5000	1	0.63
1	480	.0508	.5485	.5508	1.23	0.77
2	480	.0495	.5964	.6008	1.51	0.95
3	478	.0476	.6429	.6492	1.85	1.15
4	477	.0449	.6875	.6954	2.28	1.4
5	474	.0418	.7297	.7387	2.83	1.69
6	472	.0382	.7690	.7787	3.52	2.05
7	468	.0343	.8050	.8150	4.4	2.48
8	465	.0304	.8376	.8474	5.55	2.99
9	460	.0264	.8665	.8758	7.05	3.57
10	456	.0226	.8919	.9004	9.04	4.27
11	450	.0190	.9136	.9213	11.7	5.15
12	445	.0157	.9321	.9387	15.31	6.13
13	438	.0128	.9474	.9529	20.25	7.15
14	432	.0102	.9598	.9645	27.14	8.48
15	424	.0080	.9699	.9736	36.84	9.86
16	417	.0062	.9778	.9807	50.72	11.12
17	408	.0047	.9838	.9861	70.88	12.03
18	400	.0035	.9885	.9902	100.6	13.93
19	390	.0025	.9919	.9932	145.1	13.75
20	381	.0018	.9944	.9953	212.8	15.18
21	370	.0013	.9962	.9969	317.7	16.38
22	360	.0009*	.9975	.9979	483	17.34

\* extreme values omitted



## Appendix G.

### Multinomial Reference Distribution of ESS Grand Totals with 5 Repetitions of 4 Relevant Questions

score	ways	pmf	cdf	cdfContCor	odds	oddsLL05
-25	684	.0009*	.0029	.0024	407.7	21.86
-24	697	.0012	.0041	.0035	286.3	20.43
-23	708	.0016	.0057	.0049	203.6	18.75
-22	720	.0022	.0078	.0068	146.6	19.36
-21	730	.0028	.0107	.0093	106.9	17.1
-20	741	.0037	.0143	.0125	78.83	16.24
-19	750	.0047	.0190	.0167	58.81	13.85
-18	760	.0059	.0248	.0221	44.36	12.46
-17	768	.0074	.0321	.0287	33.81	10.92
-16	777	.0091	.0411	.0370	26.04	9.4
-15	784	.0110	.0519	.0471	20.24	8.24
-14	792	.0132	.0649	.0592	15.88	7.08
-13	798	.0156	.0801	.0737	12.57	6.01
-12	805	.0183	.0978	.0907	10.02	5.14
-11	810	.0211	.1182	.1104	8.06	4.36
-10	816	.0240	.1413	.1330	6.52	3.71
-9	820	.0270	.1671	.1585	5.31	3.14
-8	825	.0300	.1957	.1870	4.35	2.65
-7	828	.0329	.2270	.2185	3.58	2.24
-6	832	.0356	.2608	.2527	2.96	1.9
-5	834	.0381	.2968	.2895	2.45	1.6
-4	837	.0402	.3349	.3286	2.04	1.35
-3	838	.0420	.3746	.3697	1.71	1.14
-2	840	.0433	.4157	.4123	1.43	0.96
-1	840	.0441	.4576	.4559	1.19	0.81
0	841	.0444	.5000	.5000	1	0.68
1	840	.0441	.5424	.5441	1.19	0.81
2	840	.0433	.5843	.5877	1.43	0.96
3	838	.0420	.6254	.6303	1.71	1.14
4	837	.0402	.6651	.6714	2.04	1.35
5	834	.0381	.7032	.7105	2.45	1.6
6	832	.0356	.7392	.7473	2.96	1.9
7	828	.0329	.7730	.7815	3.58	2.24
8	825	.0300	.8043	.8130	4.35	2.65
9	820	.0270	.8329	.8415	5.31	3.14
10	816	.0240	.8587	.8670	6.52	3.71
11	810	.0211	.8818	.8896	8.06	4.36
12	805	.0183	.9022	.9093	10.02	5.14
13	798	.0156	.9199	.9263	12.57	6.01
14	792	.0132	.9351	.9408	15.88	7.08
15	784	.0110	.9481	.9529	20.24	8.24
16	777	.0091	.9589	.9630	26.04	9.4
17	768	.0074	.9679	.9713	33.81	10.92
18	760	.0059	.9752	.9780	44.36	12.46
19	750	.0047	.9810	.9833	58.81	13.85
20	741	.0037	.9857	.9875	78.83	16.24
21	730	.0028	.9894	.9907	106.9	17.1
22	720	.0022	.9922	.9932	146.6	19.36
23	708	.0016	.9943	.9951	203.6	18.75
24	697	.0012	.9959	.9965	286.3	20.43
25	684	.0009*	.9971	.9976	407.7	21.86

\* extreme values omitted



**Appendix H.**

**Multinomial Reference Distribution of ESS Subtotals with 5 Repetitions**

score	ways	<i>pmf</i>	<i>cdf</i>	Cdf ContCor	odds	odds 2RQs	odds 3RQs	odds 4RQs	odds LL05	odds2RQLL05	odds3RQLL05	odds4RQLL05
-14	16	.0005*	.0007	.0005	1970	44.38	12.54	6.66	6.11	4.19	2.85	2.1
-13	20	.0011	.0018	.0013	778.5	27.9	9.2	5.28	6.01	4	2.46	1.8
-12	25	.0022	.0040	.0029	339.5	18.43	6.98	4.29	5.82	3.56	2.17	1.55
-11	30	.0042	.0082	.0062	161.1	12.69	5.44	3.56	5.46	2.87	1.84	1.35
-10	36	.0074	.0156	.0120	82.2	9.07	4.35	3.01	4.92	2.44	1.57	1.18
-9	40	.0122	.0275	.0219	44.7	6.69	3.55	2.59	4.2	2.11	1.34	1.05
-8	45	.0188	.0458	.0375	25.68	5.07	2.95	2.25	3.86	1.74	1.17	0.93
-7	48	.0272	.0719	.0607	15.48	3.94	2.49	1.98	3.23	1.47	1.02	0.83
-6	52	.0374	.1072	.0933	9.72	3.12	2.13	1.77	2.56	1.22	0.89	0.75
-5	54	.0487	.1524	.1367	6.32	2.51	1.85	1.59	2.02	1.02	0.78	0.68
-4	57	.0602	.2075	.1914	4.23	2.06	1.62	1.43	1.53	0.86	0.69	0.62
-3	58	.0710	.2717	.2571	2.89	1.7	1.42	1.3	1.15	0.72	0.61	0.56
-2	60	.0798	.3434	.3322	2.01	1.42	1.26	1.19	0.84	0.61	0.54	0.51
-1	60	.0855	.4203	.4143	1.41	1.19	1.12	1.09	0.61	0.51	0.48	0.47
0	61	.0875	.5000	.5000	1	1	1	1	0.43	0.43	0.43	0.43
1	60	.0855	.5797	.5857	1.41	2	2.83	4	0.61	0.84	1.13	1.49
2	60	.0798	.6566	.6678	2.01	4.04	8.12	16.32	0.84	1.47	2.35	3.33
3	58	.0710	.7283	.7429	2.89	8.35	24.13	69.71	1.15	2.4	3.75	4.75
4	57	.0602	.7925	.8086	4.23	17.85	75.4	318.5	1.53	3.5	4.83	5.79
5	54	.0487	.8476	.8633	6.32	39.91	252.2	1593	2.02	4.05	5.7	6.1
6	52	.0374	.8928	.9067	9.72	94.48	918.4	8927	2.56	5.05	6.04	6.16
7	48	.0272	.9281	.9393	15.48	239.6	3710	57430	3.23	5.68	6.14	6.17
8	45	.0188	.9542	.9625	25.68	659.7	16940	435200	3.86	5.99	6.17	6.18
9	40	.0122	.9725	.9781	44.7	1998	89300	3991000	4.2	6.11	6.18	6.18
10	36	.0074	.9844	.9880	82.2	6756	555300	4.57E+07	4.92	6.16	6.18	6.18
11	30	.0042	.9918	.9938	161.1	25940	4178000	6.73E+08	5.46	6.17	6.18	6.18
12	25	.0022	.9960	.9971	339.5	115300	3.91E+07	1.33E+10	5.82	6.18	6.18	6.18
13	20	.0011	.9982	.9987	778.5	606100	4.72E+08	3.67E+11	6.01	6.18	6.18	6.18
14	16	.0005*	.9993	.9995	1970	3.88E+06	7.64E+09	1.51E+13	6.11	6.18	6.18	6.18

\* extreme values omitted



## Appendix I.

### Multinomial Reference Distribution for ESS Grand Totals with 5 Repetitions of 2 Relevant Questions with PLE Sensor

score	ways	<i>pmf</i>	<i>cdf</i>	<i>cdfContCor</i>	odds	oddsLL05
-20	2481	.0008*	.0019	.0015	659.2	15.03
-19	2645	.0012	.0031	.0025	402.9	14.37
-18	2808	.0018	.0048	.0039	252.4	13.47
-17	2967	.0026	.0074	.0061	161.9	12.31
-16	3123	.0038	.0112	.0093	106.2	10.94
-15	3273	.0053	.0164	.0139	71.17	10.8
-14	3418	.0072	.0235	.0201	48.68	9.9
-13	3555	.0097	.0331	.0286	33.94	8.1
-12	3685	.0127	.0455	.0398	24.1	6.95
-11	3805	.0162	.0613	.0543	17.4	6.03
-10	3916	.0203	.0809	.0727	12.76	5.05
-9	4015	.0248	.1047	.0953	9.49	4.14
-8	4105	.0297	.1330	.1226	7.15	3.4
-7	4183	.0347	.1659	.1549	5.45	2.77
-6	4252	.0398	.2034	.1923	4.2	2.25
-5	4309	.0447	.2452	.2346	3.26	1.82
-4	4357	.0491	.2910	.2815	2.55	1.47
-3	4393	.0528	.3401	.3323	2.01	1.18
-2	4420	.0556	.3919	.3863	1.59	0.95
-1	4435	.0574	.4455	.4426	1.26	0.76
0	4441	.0580	.5000	.5000	1	0.6
1	4435	.0574	.5545	.5574	1.26	0.76
2	4420	.0556	.6081	.6137	1.59	0.95
3	4393	.0528	.6599	.6677	2.01	1.18
4	4357	.0491	.7090	.7185	2.55	1.47
5	4309	.0447	.7548	.7654	3.26	1.82
6	4252	.0398	.7966	.8077	4.2	2.25
7	4183	.0347	.8341	.8451	5.45	2.77
8	4105	.0297	.8670	.8774	7.15	3.4
9	4015	.0248	.8953	.9047	9.49	4.14
10	3916	.0203	.9191	.9273	12.76	5.05
11	3805	.0162	.9387	.9457	17.4	6.03
12	3685	.0127	.9545	.9602	24.1	6.95
13	3555	.0097	.9669	.9714	33.94	8.1
14	3418	.0072	.9765	.9799	48.68	9.9
15	3273	.0053	.9836	.9861	71.17	10.8
16	3123	.0038	.9888	.9907	106.2	10.94
17	2967	.0026	.9926	.9939	161.9	12.31
18	2808	.0018	.9952	.9961	252.4	13.47
19	2645	.0012	.9969	.9975	402.9	14.37
20	2481	.0008*	.9981	.9985	659.2	15.03

\* extreme values omitted



## Appendix J.

### Multinomial Reference Distribution for ESS Grand Totals with 5 Repetitions of 3 Relevant Questions with PLE Sensor

score	ways	<i>pmf</i>	<i>cdf</i>	<i>cdfContCor</i>	odds	oddsLL05
-24	9915	.0008*	.0023	.0019	518.7	21.4
-23	10248	.0011	.0034	.0028	352.2	20.18
-22	10572	.0015	.0048	.0041	242.7	18.69
-21	10888	.0020	.0069	.0059	169.7	16.95
-20	11193	.0027	.0096	.0082	120.4	17.25
-19	11488	.0036	.0132	.0114	86.55	14.98
-18	11770	.0047	.0179	.0156	63.05	13.98
-17	12040	.0061	.0239	.0210	46.52	12.51
-16	12295	.0077	.0316	.0280	34.75	10.89
-15	12536	.0097	.0411	.0367	26.26	9.29
-14	12760	.0119	.0527	.0475	20.06	8.05
-13	12970	.0144	.0668	.0607	15.49	6.83
-12	13163	.0172	.0835	.0765	12.07	5.74
-11	13342	.0202	.1031	.0953	9.5	4.85
-10	13504	.0235	.1257	.1172	7.53	4.06
-9	13652	.0269	.1514	.1424	6.02	3.41
-8	13783	.0303	.1803	.1710	4.85	2.85
-7	13900	.0336	.2122	.2030	3.93	2.39
-6	14000	.0369	.2471	.2383	3.2	2
-5	14086	.0398	.2847	.2766	2.62	1.67
-4	14155	.0424	.3247	.3177	2.15	1.39
-3	14210	.0446	.3667	.3611	1.77	1.16
-2	14248	.0461	.4102	.4064	1.46	0.97
-1	14272	.0471	.4548	.4529	1.21	0.8
0	14279	.0475	.5000	.5000	1	0.67
1	14272	.0471	.5452	.5471	1.21	0.8
2	14248	.0461	.5898	.5936	1.46	0.97
3	14210	.0446	.6333	.6389	1.77	1.16
4	14155	.0424	.6753	.6823	2.15	1.39
5	14086	.0398	.7153	.7234	2.62	1.67
6	14000	.0369	.7529	.7617	3.2	2
7	13900	.0336	.7878	.7970	3.93	2.39
8	13783	.0303	.8197	.8290	4.85	2.85
9	13652	.0269	.8486	.8576	6.02	3.41
10	13504	.0235	.8743	.8828	7.53	4.06
11	13342	.0202	.8969	.9047	9.5	4.85
12	13163	.0172	.9165	.9235	12.07	5.74
13	12970	.0144	.9332	.9393	15.49	6.83
14	12760	.0119	.9473	.9525	20.06	8.05
15	12536	.0097	.9590	.9633	26.26	9.29
16	12295	.0077	.9685	.9720	34.75	10.89
17	12040	.0061	.9761	.9790	46.52	12.51
18	11770	.0047	.9821	.9844	63.05	13.98
19	11488	.0036	.9868	.9886	86.55	14.98
20	11193	.0027	.9904	.9918	120.4	17.25
21	10888	.0020	.9931	.9941	169.7	16.95
22	10572	.0015	.9952	.9959	242.7	18.69
23	10248	.0011	.9966	.9972	352.2	20.18
24	9915	.0008*	.9977	.9981	518.7	21.4

\* extreme values omitted



## Appendix K.

### Multinomial Reference Distribution for ESS Grand Totals with 5 Repetitions of 4 Relevant Questions with PLE Sensor

score	ways	pmf	cdf	cdfContCor	odds	oddsLL05
-27	25602	.0008*	.0029	.0025	401.4	26.27
-26	26128	.0011	.0040	.0034	290	24.39
-25	26638	.0014	.0054	.0047	211.8	22.26
-24	27133	.0019	.0073	.0064	156.3	22.92
-23	27610	.0024	.0097	.0085	116.5	20.21
-22	28070	.0031	.0128	.0113	87.72	19.23
-21	28510	.0039	.0167	.0148	66.68	16.45
-20	28931	.0049	.0215	.0192	51.17	14.88
-19	29330	.0060	.0274	.0246	39.62	13.13
-18	29710	.0073	.0347	.0313	30.95	11.81
-17	30068	.0088	.0434	.0394	24.38	10.08
-16	30407	.0106	.0538	.0491	19.36	8.74
-15	30724	.0125	.0660	.0607	15.49	7.62
-14	31022	.0145	.0802	.0742	12.48	6.47
-13	31298	.0168	.0965	.0899	10.12	5.54
-12	31555	.0192	.1151	.1079	8.27	4.76
-11	31790	.0217	.1360	.1284	6.79	4.06
-10	32006	.0242	.1594	.1514	5.61	3.48
-9	32200	.0268	.1851	.1770	4.65	2.97
-8	32375	.0293	.2131	.2051	3.88	2.54
-7	32528	.0318	.2434	.2356	3.24	2.16
-6	32662	.0340	.2757	.2685	2.72	1.85
-5	32774	.0361	.3100	.3035	2.3	1.58
-4	32867	.0378	.3459	.3404	1.94	1.35
-3	32938	.0392	.3832	.3789	1.64	1.15
-2	32990	.0403	.4215	.4185	1.39	0.98
-1	33020	.0409	.4606	.4591	1.18	0.83
0	33031	.0411	.5000	.5000	1	0.71
1	33020	.0409	.5394	.5409	1.18	0.83
2	32990	.0403	.5785	.5815	1.39	0.98
3	32938	.0392	.6168	.6211	1.64	1.15
4	32867	.0378	.6541	.6596	1.94	1.35
5	32774	.0361	.6900	.6965	2.3	1.58
6	32662	.0340	.7243	.7315	2.72	1.85
7	32528	.0318	.7566	.7644	3.24	2.16
8	32375	.0293	.7869	.7949	3.88	2.54
9	32200	.0268	.8149	.8230	4.65	2.97
10	32006	.0242	.8406	.8486	5.61	3.48
11	31790	.0217	.8640	.8716	6.79	4.06
12	31555	.0192	.8849	.8921	8.27	4.76
13	31298	.0168	.9035	.9101	10.12	5.54
14	31022	.0145	.9198	.9258	12.48	6.47
15	30724	.0125	.9340	.9393	15.49	7.62
16	30407	.0106	.9462	.9509	19.36	8.74
17	30068	.0088	.9566	.9606	24.38	10.08
18	29710	.0073	.9653	.9687	30.95	11.81
19	29330	.0060	.9726	.9754	39.62	13.13
20	28931	.0049	.9785	.9808	51.17	14.88
21	28510	.0039	.9834	.9852	66.68	16.45
22	28070	.0031	.9872	.9887	87.72	19.23
23	27610	.0024	.9903	.9915	116.5	20.21
24	27133	.0019	.9927	.9936	156.3	22.92
25	26638	.0014	.9946	.9953	211.8	22.26
26	26128	.0011	.9960	.9966	290	24.39
27	25602	.0008*	.9971	.9975	401.4	26.27

\* extreme values omitted



**Appendix L.**

**Multinomial Reference Distribution of ESS Subtotals with 5 Repetitions  
with PLE Sensor**

score	ways	pmf	cdf	Cdf ContCor	odds	odds 2RQs	odds 3RQs	odds 4RQs	odds LL05	odds2RQLL05	odds3RQLL05	odds4RQLL05
-15	161	.0005*	.0009	.0007	1517	38.94	11.49	6.24	7.71	5.36	3.32	2.24
-14	200	.0011	.0020	.0015	682.2	26.12	8.8	5.11	7.56	4.48	2.84	1.98
-13	243	.0021	.0041	.0030	328.4	18.12	6.9	4.26	7.27	4	2.42	1.73
-12	287	.0037	.0077	.0059	168	12.96	5.52	3.6	6.79	3.44	2.07	1.51
-11	333	.0062	.0139	.0109	90.88	9.53	4.5	3.09	6.1	2.91	1.81	1.35
-10	378	.0099	.0236	.0190	51.67	7.19	3.73	2.68	5.22	2.5	1.56	1.2
-9	423	.0150	.0383	.0315	30.72	5.54	3.13	2.35	4.84	2.08	1.37	1.07
-8	465	.0216	.0592	.0500	19.01	4.36	2.67	2.09	4.11	1.76	1.19	0.96
-7	505	.0297	.0875	.0758	12.19	3.49	2.3	1.87	3.3	1.49	1.05	0.87
-6	540	.0389	.1242	.1104	8.06	2.84	2.01	1.69	2.66	1.26	0.93	0.79
-5	571	.0489	.1697	.1546	5.47	2.34	1.76	1.53	2.06	1.06	0.83	0.72
-4	595	.0588	.2236	.2087	3.79	1.95	1.56	1.4	1.58	0.9	0.74	0.66
-3	615	.0678	.2852	.2720	2.68	1.64	1.39	1.28	1.19	0.77	0.66	0.61
-2	628	.0750	.3531	.3432	1.91	1.38	1.24	1.18	0.89	0.66	0.59	0.56
-1	637	.0797	.4254	.4201	1.38	1.18	1.11	1.08	0.65	0.56	0.53	0.52
0	639	.0814	.5000	.5000	1	1	1	1	0.48	0.48	0.48	0.48
1	637	.0797	.5746	.5799	1.38	1.91	2.63	3.63	0.65	0.89	1.18	1.52
2	628	.0750	.6469	.6568	1.91	3.66	7.01	13.41	0.89	1.54	2.45	3.52
3	615	.0678	.7148	.7280	2.68	7.16	19.17	51.3	1.19	2.5	4.13	5.21
4	595	.0588	.7764	.7913	3.79	14.38	54.52	206.7	1.58	3.68	5.31	6.97
5	571	.0489	.8303	.8454	5.47	29.89	163.4	893.3	2.06	4.78	6.77	7.62
6	540	.0389	.8758	.8896	8.06	64.9	522.8	4212	2.66	5.6	7.47	7.8
7	505	.0297	.9125	.9242	12.19	148.5	1810	22060	3.3	6.68	7.73	7.84
8	465	.0216	.9408	.9500	19.01	361.4	6870	130600	4.11	7.32	7.82	7.84
9	423	.0150	.9617	.9685	30.72	943.7	28990	890600	4.84	7.64	7.84	7.85
10	378	.0099	.9764	.9810	51.67	2669	137900	7126000	5.22	7.77	7.84	7.85
11	333	.0062	.9861	.9891	90.88	8259	750600	6.82E+07	6.1	7.82	7.85	7.85
12	287	.0037	.9923	.9941	168	28240	4745000	7.97E+08	6.79	7.84	7.85	7.85
13	243	.0021	.9959	.9970	328.4	107800	3.54E+07	1.16E+10	7.27	7.84	7.85	7.85
14	200	.0011	.9980	.9985	682.2	465300	3.17E+08	2.17E+11	7.56	7.85	7.85	7.85
15	161	.0005*	.9991	.9993	1517	2.30E+06	3.49E+09	5.29E+12	7.71	7.85	7.85	7.85

\* extreme values omitted

