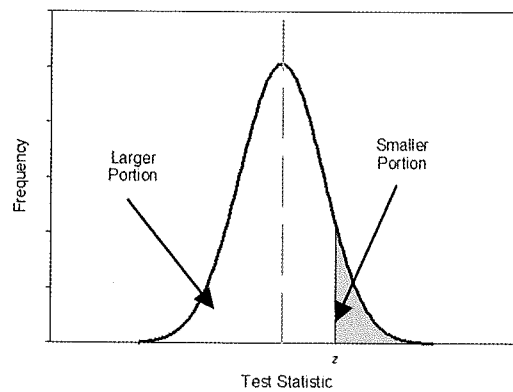


# APPENDIX

## A.1. Table of the standard normal distribution



<i>z</i>	<i>Larger Portion</i>	<i>Smaller Portion</i>	<i>y</i>	<i>z</i>	<i>Larger Portion</i>	<i>Smaller Portion</i>	<i>y</i>
.00	.50000	.50000	.3989	.12	.54776	.45224	.3961
.01	.50399	.49601	.3989	.13	.55172	.44828	.3956
.02	.50798	.49202	.3989	.14	.55567	.44433	.3951
.03	.51197	.48803	.3988	.15	.55962	.44038	.3945
.04	.51595	.48405	.3986	.16	.56356	.43644	.3939
.05	.51994	.48006	.3984	.17	.56749	.43251	.3932
.06	.52392	.47608	.3982	.18	.57142	.42858	.3925
.07	.52790	.47210	.3980	.19	.57535	.42465	.3918
.08	.53188	.46812	.3977	.20	.57926	.42074	.3910
.09	.53586	.46414	.3973	.21	.58317	.41683	.3902
.10	.53983	.46017	.3970	.22	.58706	.41294	.3894
.11	.54380	.45620	.3965	.23	.59095	.40905	.3885

(Continued)

(Continued)

z	Larger Portion	Smaller Portion	y	z	Larger Portion	Smaller Portion	y
.24	.59483	.40517	.3876	.54	.70540	.29460	.3448
.25	.59871	.40129	.3867	.55	.70884	.29116	.3429
.26	.60257	.39743	.3857	.56	.71226	.28774	.3410
.27	.60642	.39358	.3847	.57	.71566	.28434	.3391
.28	.61026	.38974	.3836	.58	.71904	.28096	.3372
.29	.61409	.38591	.3825	.59	.72240	.27760	.3352
.30	.61791	.38209	.3814	.60	.72575	.27425	.3332
.31	.62172	.37828	.3802	.61	.72907	.27093	.3312
.32	.62552	.37448	.3790	.62	.73237	.26763	.3292
.33	.62930	.37070	.3778	.63	.73565	.26435	.3271
.34	.63307	.36693	.3765	.64	.73891	.26109	.3251
.35	.63683	.36317	.3752	.65	.74215	.25785	.3230
.36	.64058	.35942	.3739	.66	.74537	.25463	.3209
.37	.64431	.35569	.3725	.67	.74857	.25143	.3187
.38	.64803	.35197	.3712	.68	.75175	.24825	.3166
.39	.65173	.34827	.3697	.69	.75490	.24510	.3144
.40	.65542	.34458	.3683	.70	.75804	.24196	.3123
.41	.65910	.34090	.3668	.71	.76115	.23885	.3101
.42	.66276	.33724	.3653	.72	.76424	.23576	.3079
.43	.66640	.33360	.3637	.73	.76730	.23270	.3056
.44	.67003	.32997	.3621	.74	.77035	.22965	.3034
.45	.67364	.32636	.3605	.75	.77337	.22663	.3011
.46	.67724	.32276	.3589	.76	.77637	.22363	.2989
.47	.68082	.31918	.3572	.77	.77935	.22065	.2966
.48	.68439	.31561	.3555	.78	.78230	.21770	.2943
.49	.68793	.31207	.3538	.79	.78524	.21476	.2920
.50	.69146	.30854	.3521	.80	.78814	.21186	.2897
.51	.69497	.30503	.3503	.81	.79103	.20897	.2874
.52	.69847	.30153	.3485	.82	.79389	.20611	.2850
.53	.70194	.29806	.3467	.83	.79673	.20327	.2827

z	Larger Portion	Smaller Portion	y	z	Larger Portion	Smaller Portion	y
.84	.79955	.20045	.2803	1.14	.87286	.12714	.2083
.85	.80234	.19766	.2780	1.15	.87493	.12507	.2059
.86	.80511	.19489	.2756	1.16	.87698	.12302	.2036
.87	.80785	.19215	.2732	1.17	.87900	.12100	.2012
.88	.81057	.18943	.2709	1.18	.88100	.11900	.1989
.89	.81327	.18673	.2685	1.19	.88298	.11702	.1965
.90	.81594	.18406	.2661	1.20	.88493	.11507	.1942
.91	.81859	.18141	.2637	1.21	.88686	.11314	.1919
.92	.82121	.17879	.2613	1.22	.88877	.11123	.1895
.93	.82381	.17619	.2589	1.23	.89065	.10935	.1872
.94	.82639	.17361	.2565	1.24	.89251	.10749	.1849
.95	.82894	.17106	.2541	1.25	.89435	.10565	.1826
.96	.83147	.16853	.2516	1.26	.89617	.10383	.1804
.97	.83398	.16602	.2492	1.27	.89796	.10204	.1781
.98	.83646	.16354	.2468	1.28	.89973	.10027	.1758
.99	.83891	.16109	.2444	1.29	.90147	.09853	.1736
1.00	.84134	.15866	.2420	1.30	.90320	.09680	.1714
1.01	.84375	.15625	.2396	1.31	.90490	.09510	.1691
1.02	.84614	.15386	.2371	1.32	.90658	.09342	.1669
1.03	.84849	.15151	.2347	1.33	.90824	.09176	.1647
1.04	.85083	.14917	.2323	1.34	.90988	.09012	.1626
1.05	.85314	.14686	.2299	1.35	.91149	.08851	.1604
1.06	.85543	.14457	.2275	1.36	.91309	.08691	.1582
1.07	.85769	.14231	.2251	1.37	.91466	.08534	.1561
1.08	.85993	.14007	.2227	1.38	.91621	.08379	.1539
1.09	.86214	.13786	.2203	1.39	.91774	.08226	.1518
1.10	.86433	.13567	.2179	1.40	.91924	.08076	.1497
1.11	.86650	.13350	.2155	1.41	.92073	.07927	.1476
1.12	.86864	.13136	.2131	1.42	.92220	.07780	.1456
1.13	.87076	.12924	.2107	1.43	.92364	.07636	.1435

(Continued)

(Continued)

z	Larger Portion	Smaller Portion	y	z	Larger Portion	Smaller Portion	y
1.44	.92507	.07493	.1415	1.74	.95907	.04093	.0878
1.45	.92647	.07353	.1394	1.75	.95994	.04006	.0863
1.46	.92785	.07215	.1374	1.76	.96080	.03920	.0848
1.47	.92922	.07078	.1354	1.77	.96164	.03836	.0833
1.48	.93056	.06944	.1334	1.78	.96246	.03754	.0818
1.49	.93189	.06811	.1315	1.79	.96327	.03673	.0804
1.50	.93319	.06681	.1295	1.80	.96407	.03593	.0790
1.51	.93448	.06552	.1276	1.81	.96485	.03515	.0775
1.52	.93574	.06426	.1257	1.82	.96562	.03438	.0761
1.53	.93699	.06301	.1238	1.83	.96638	.03362	.0748
1.54	.93822	.06178	.1219	1.84	.96712	.03288	.0734
1.55	.93943	.06057	.1200	1.85	.96784	.03216	.0721
1.56	.94062	.05938	.1182	1.86	.96856	.03144	.0707
1.57	.94179	.05821	.1163	1.87	.96926	.03074	.0694
1.58	.94295	.05705	.1145	1.88	.96995	.03005	.0681
1.59	.94408	.05592	.1127	1.89	.97062	.02938	.0669
1.60	.94520	.05480	.1109	1.90	.97128	.02872	.0656
1.61	.94630	.05370	.1092	1.91	.97193	.02807	.0644
1.62	.94738	.05262	.1074	1.92	.97257	.02743	.0632
1.63	.94845	.05155	.1057	1.93	.97320	.02680	.0620
1.64	.94950	.05050	.1040	1.94	.97381	.02619	.0608
1.65	.95053	.04947	.1023	1.95	.97441	.02559	.0596
1.66	.95154	.04846	.1006	1.96	.97500	.02500	.0584
1.67	.95254	.04746	.0989	1.97	.97558	.02442	.0573
1.68	.95352	.04648	.0973	1.98	.97615	.02385	.0562
1.69	.95449	.04551	.0957	1.99	.97670	.02330	.0551
1.70	.95543	.04457	.0940	2.00	.97725	.02275	.0540
1.71	.95637	.04363	.0925	2.01	.97778	.02222	.0529
1.72	.95728	.04272	.0909	2.02	.97831	.02169	.0519
1.73	.95818	.04182	.0893	2.03	.97882	.02118	.0508

z	Larger Portion	Smaller Portion	y	z	Larger Portion	Smaller Portion	y
2.04	.97932	.02068	.0498	2.34	.99036	.00964	.0258
2.05	.97982	.02018	.0488	2.35	.99061	.00939	.0252
2.06	.98030	.01970	.0478	2.36	.99086	.00914	.0246
2.07	.98077	.01923	.0468	2.37	.99111	.00889	.0241
2.08	.98124	.01876	.0459	2.38	.99134	.00866	.0235
2.09	.98169	.01831	.0449	2.39	.99158	.00842	.0229
2.10	.98214	.01786	.0440	2.40	.99180	.00820	.0224
2.11	.98257	.01743	.0431	2.41	.99202	.00798	.0219
2.12	.98300	.01700	.0422	2.42	.99224	.00776	.0213
2.13	.98341	.01659	.0413	2.43	.99245	.00755	.0208
2.14	.98382	.01618	.0404	2.44	.99266	.00734	.0203
2.15	.98422	.01578	.0396	2.45	.99286	.00714	.0198
2.16	.98461	.01539	.0387	2.46	.99305	.00695	.0194
2.17	.98500	.01500	.0379	2.47	.99324	.00676	.0189
2.18	.98537	.01463	.0371	2.48	.99343	.00657	.0184
2.19	.98574	.01426	.0363	2.49	.99361	.00639	.0180
2.20	.98610	.01390	.0355	2.50	.99379	.00621	.0175
2.21	.98645	.01355	.0347	2.51	.99396	.00604	.0171
2.22	.98679	.01321	.0339	2.52	.99413	.00587	.0167
2.23	.98713	.01287	.0332	2.53	.99430	.00570	.0163
2.24	.98745	.01255	.0325	2.54	.99446	.00554	.0158
2.25	.98778	.01222	.0317	2.55	.99461	.00539	.0154
2.26	.98809	.01191	.0310	2.56	.99477	.00523	.0151
2.27	.98840	.01160	.0303	2.57	.99492	.00508	.0147
2.28	.98870	.01130	.0297	2.58	.99506	.00494	.0143
2.29	.98899	.01101	.0290	2.59	.99520	.00480	.0139
2.30	.98928	.01072	.0283	2.60	.99534	.00466	.0136
2.31	.98956	.01044	.0277	2.61	.99547	.00453	.0132
2.32	.98983	.01017	.0270	2.62	.99560	.00440	.0129
2.33	.99010	.00990	.0264	2.63	.99573	.00427	.0126

(Continued)

(Continued)

<i>z</i>	<i>Larger Portion</i>	<i>Smaller Portion</i>	<i>y</i>	<i>z</i>	<i>Larger Portion</i>	<i>Smaller Portion</i>	<i>y</i>
2.64	.99585	.00415	.0122	2.86	.99788	.00212	.0067
2.65	.99598	.00402	.0119	2.87	.99795	.00205	.0065
2.66	.99609	.00391	.0116	2.88	.99801	.00199	.0063
2.67	.99621	.00379	.0113	2.89	.99807	.00193	.0061
2.68	.99632	.00368	.0110	2.90	.99813	.00187	.0060
2.69	.99643	.00357	.0107	2.91	.99819	.00181	.0058
2.70	.99653	.00347	.0104	2.92	.99825	.00175	.0056
2.71	.99664	.00336	.0101	2.93	.99831	.00169	.0055
2.72	.99674	.00326	.0099	2.94	.99836	.00164	.0053
2.73	.99683	.00317	.0096	2.95	.99841	.00159	.0051
2.74	.99693	.00307	.0093	2.96	.99846	.00154	.0050
2.75	.99702	.00298	.0091	2.97	.99851	.00149	.0048
2.76	.99711	.00289	.0088	2.98	.99856	.00144	.0047
2.77	.99720	.00280	.0086	2.99	.99861	.00139	.0046
2.78	.99728	.00272	.0084	3.00	.99865	.00135	.0044
2.79	.99736	.00264	.0081	⋮	⋮	⋮	⋮
2.80	.99744	.00256	.0079	3.25	.99942	.00058	.0020
2.81	.99752	.00248	.0077	⋮	⋮	⋮	⋮
2.82	.99760	.00240	.0075	3.50	.99977	.00023	.0009
2.83	.99767	.00233	.0073	⋮	⋮	⋮	⋮
2.84	.99774	.00226	.0071	4.00	.99997	.00003	.0001
2.85	.99781	.00219	.0069				

All values calculated by the author using SPSS.