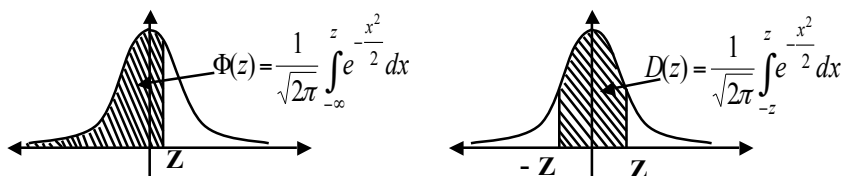


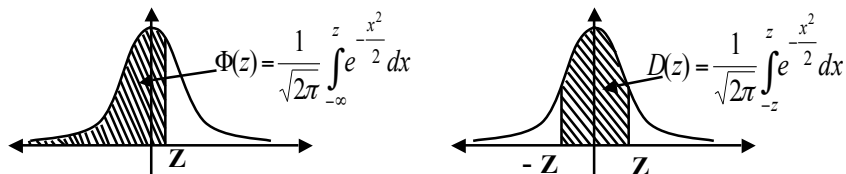
## Función acumulada de la Distribución Normal Estándar



z	Φ(-z)	Φ(z)	D(z)	z	Φ(-z)	Φ(z)	D(z)	z	Φ(-z)	Φ(z)	D(z)	z	Φ(-z)	Φ(z)	D(z)
0.00	0.5000	0.5000	0.0000	0.40	0.3446	0.6554	0.3108	0.80	0.2119	0.7881	0.5763	1.20	0.1151	0.8849	0.7699
0.01	0.4960	0.5040	0.0080	0.41	0.3409	0.6591	0.3182	0.81	0.2090	0.7910	0.5821	1.21	0.1131	0.8869	0.7737
0.02	0.4920	0.5080	0.0160	0.42	0.3372	0.6628	0.3255	0.82	0.2061	0.7939	0.5878	1.22	0.1112	0.8888	0.7775
0.03	0.4880	0.5120	0.0239	0.43	0.3336	0.6664	0.3328	0.83	0.2033	0.7967	0.5935	1.23	0.1093	0.8907	0.7813
0.04	0.4840	0.5160	0.0319	0.44	0.3300	0.6700	0.3401	0.84	0.2005	0.7995	0.5991	1.24	0.1075	0.8925	0.7850
0.05	0.4801	0.5199	0.0399	0.45	0.3264	0.6736	0.3473	0.85	0.1977	0.8023	0.6047	1.25	0.1056	0.8944	0.7887
0.06	0.4761	0.5239	0.0478	0.46	0.3228	0.6772	0.3545	0.86	0.1949	0.8051	0.6102	1.26	0.1038	0.8962	0.7923
0.07	0.4721	0.5279	0.0558	0.47	0.3192	0.6808	0.3616	0.87	0.1922	0.8078	0.6157	1.27	0.1020	0.8980	0.7959
0.08	0.4681	0.5319	0.0638	0.48	0.3156	0.6844	0.3688	0.88	0.1894	0.8106	0.6211	1.28	0.1003	0.8997	0.7995
0.09	0.4641	0.5359	0.0717	0.49	0.3121	0.6879	0.3759	0.89	0.1867	0.8133	0.6265	1.29	0.0985	0.9015	0.8029
0.10	0.4602	0.5398	0.0797	0.50	0.3085	0.6915	0.3829	0.90	0.1841	0.8159	0.6319	1.30	0.0968	0.9032	0.8064
0.11	0.4562	0.5438	0.0876	0.51	0.3050	0.6950	0.3899	0.91	0.1814	0.8186	0.6372	1.31	0.0951	0.9049	0.8098
0.12	0.4522	0.5478	0.0955	0.52	0.3015	0.6985	0.3969	0.92	0.1788	0.8212	0.6424	1.32	0.0934	0.9066	0.8132
0.13	0.4483	0.5517	0.1034	0.53	0.2981	0.7019	0.4039	0.93	0.1762	0.8238	0.6476	1.33	0.0918	0.9082	0.8165
0.14	0.4443	0.5557	0.1113	0.54	0.2946	0.7054	0.4108	0.94	0.1736	0.8264	0.6528	1.34	0.0901	0.9099	0.8198
0.15	0.4404	0.5596	0.1192	0.55	0.2912	0.7088	0.4177	0.95	0.1711	0.8289	0.6579	1.35	0.0885	0.9115	0.8230
0.16	0.4364	0.5636	0.1271	0.56	0.2877	0.7123	0.4245	0.96	0.1685	0.8315	0.6629	1.36	0.0869	0.9131	0.8262
0.17	0.4325	0.5675	0.1350	0.57	0.2843	0.7157	0.4313	0.97	0.1660	0.8340	0.6680	1.37	0.0853	0.9147	0.8293
0.18	0.4286	0.5714	0.1428	0.58	0.2810	0.7190	0.4381	0.98	0.1635	0.8365	0.6729	1.38	0.0838	0.9162	0.8324
0.19	0.4247	0.5753	0.1507	0.59	0.2776	0.7224	0.4448	0.99	0.1611	0.8389	0.6778	1.39	0.0823	0.9177	0.8355
0.20	0.4207	0.5793	0.1585	0.60	0.2743	0.7257	0.4515	1.00	0.1587	0.8413	0.6827	1.40	0.0808	0.9192	0.8385
0.21	0.4168	0.5832	0.1663	0.61	0.2709	0.7291	0.4581	1.01	0.1562	0.8438	0.6875	1.41	0.0793	0.9207	0.8415
0.22	0.4129	0.5871	0.1741	0.62	0.2676	0.7324	0.4647	1.02	0.1539	0.8461	0.6923	1.42	0.0778	0.9222	0.8444
0.23	0.4090	0.5910	0.1819	0.63	0.2643	0.7357	0.4713	1.03	0.1515	0.8485	0.6970	1.43	0.0764	0.9236	0.8473
0.24	0.4052	0.5948	0.1897	0.64	0.2611	0.7389	0.4778	1.04	0.1492	0.8508	0.7017	1.44	0.0749	0.9251	0.8501
0.25	0.4013	0.5987	0.1974	0.65	0.2578	0.7422	0.4843	1.05	0.1469	0.8531	0.7063	1.45	0.0735	0.9265	0.8529
0.26	0.3974	0.6026	0.2051	0.66	0.2546	0.7454	0.4907	1.06	0.1446	0.8554	0.7109	1.46	0.0721	0.9279	0.8557
0.27	0.3936	0.6064	0.2128	0.67	0.2514	0.7486	0.4971	1.07	0.1423	0.8577	0.7154	1.47	0.0708	0.9292	0.8584
0.28	0.3897	0.6103	0.2205	0.68	0.2483	0.7517	0.5035	1.08	0.1401	0.8599	0.7199	1.48	0.0694	0.9306	0.8611
0.29	0.3859	0.6141	0.2282	0.69	0.2451	0.7549	0.5098	1.09	0.1379	0.8621	0.7243	1.49	0.0681	0.9319	0.8638
0.30	0.3821	0.6179	0.2358	0.70	0.2420	0.7580	0.5161	1.10	0.1357	0.8643	0.7287	1.50	0.0668	0.9332	0.8664
0.31	0.3783	0.6217	0.2434	0.71	0.2389	0.7611	0.5223	1.11	0.1335	0.8665	0.7330	1.51	0.0655	0.9345	0.8690
0.32	0.3745	0.6255	0.2510	0.72	0.2358	0.7642	0.5285	1.12	0.1314	0.8686	0.7373	1.52	0.0643	0.9357	0.8715
0.33	0.3707	0.6293	0.2586	0.73	0.2327	0.7673	0.5346	1.13	0.1292	0.8708	0.7415	1.53	0.0630	0.9370	0.8740
0.34	0.3669	0.6331	0.2661	0.74	0.2296	0.7704	0.5407	1.14	0.1271	0.8729	0.7457	1.54	0.0618	0.9382	0.8764
0.35	0.3632	0.6368	0.2737	0.75	0.2266	0.7734	0.5467	1.15	0.1251	0.8749	0.7499	1.55	0.0606	0.9394	0.8789
0.36	0.3594	0.6406	0.2812	0.76	0.2236	0.7764	0.5527	1.16	0.1230	0.8770	0.7540	1.56	0.0594	0.9406	0.8812
0.37	0.3557	0.6443	0.2886	0.77	0.2206	0.7794	0.5587	1.17	0.1210	0.8790	0.7580	1.57	0.0582	0.9418	0.8836
0.38	0.3520	0.6480	0.2961	0.78	0.2177	0.7823	0.5646	1.18	0.1190	0.8810	0.7620	1.58	0.0571	0.9429	0.8859
0.39	0.3483	0.6517	0.3035	0.79	0.2148	0.7852	0.5705	1.19	0.1170	0.8830	0.7660	1.59	0.0559	0.9441	0.8882

<b>z</b>	$\Phi(-z)$	$\Phi(z)$	$D(z)$	<b>z</b>	$\Phi(-z)$	$\Phi(z)$	$D(z)$	<b>z</b>	$\Phi(-z)$	$\Phi(z)$	$D(z)$	<b>z</b>	$\Phi(-z)$	$\Phi(z)$	$D(z)$
1.60	0.0548	0.9452	0.8904	2.10	0.0179	0.9821	0.9643	2.60	0.0047	0.9953	0.9907	3.10	0.0010	0.9990	0.9981
1.61	0.0537	0.9463	0.8926	2.11	0.0174	0.9826	0.9651	2.61	0.0045	0.9955	0.9909	3.11	0.0009	0.9991	0.9981
1.62	0.0526	0.9474	0.8948	2.12	0.0170	0.9830	0.9660	2.62	0.0044	0.9956	0.9912	3.12	0.0009	0.9991	0.9982
1.63	0.0516	0.9484	0.8969	2.13	0.0166	0.9834	0.9668	2.63	0.0043	0.9957	0.9915	3.13	0.0009	0.9991	0.9983
1.64	0.0505	0.9495	0.8990	2.14	0.0162	0.9838	0.9676	2.64	0.0041	0.9959	0.9917	3.14	0.0008	0.9992	0.9983
1.65	0.0495	0.9505	0.9011	2.15	0.0158	0.9842	0.9684	2.65	0.0040	0.9960	0.9920	3.15	0.0008	0.9992	0.9984
1.66	0.0485	0.9515	0.9031	2.16	0.0154	0.9846	0.9692	2.66	0.0039	0.9961	0.9922	3.16	0.0008	0.9992	0.9984
1.67	0.0475	0.9525	0.9051	2.17	0.0150	0.9850	0.9700	2.67	0.0038	0.9962	0.9924	3.17	0.0008	0.9992	0.9985
1.68	0.0465	0.9535	0.9070	2.18	0.0146	0.9854	0.9707	2.68	0.0037	0.9963	0.9926	3.18	0.0007	0.9993	0.9985
1.69	0.0455	0.9545	0.9090	2.19	0.0143	0.9857	0.9715	2.69	0.0036	0.9964	0.9929	3.19	0.0007	0.9993	0.9986
1.70	0.0446	0.9554	0.9109	2.20	0.0139	0.9861	0.9722	2.70	0.0035	0.9965	0.9931	3.20	0.0007	0.9993	0.9986
1.71	0.0436	0.9564	0.9127	2.21	0.0136	0.9864	0.9729	2.71	0.0034	0.9966	0.9933	3.21	0.0007	0.9993	0.9987
1.72	0.0427	0.9573	0.9146	2.22	0.0132	0.9868	0.9736	2.72	0.0033	0.9967	0.9935	3.22	0.0006	0.9994	0.9987
1.73	0.0418	0.9582	0.9164	2.23	0.0129	0.9871	0.9743	2.73	0.0032	0.9968	0.9937	3.23	0.0006	0.9994	0.9988
1.74	0.0409	0.9591	0.9181	2.24	0.0125	0.9875	0.9749	2.74	0.0031	0.9969	0.9939	3.24	0.0006	0.9994	0.9988
1.75	0.0401	0.9599	0.9199	2.25	0.0122	0.9878	0.9756	2.75	0.0030	0.9970	0.9940	3.25	0.0006	0.9994	0.9988
1.76	0.0392	0.9608	0.9216	2.26	0.0119	0.9881	0.9762	2.76	0.0029	0.9971	0.9942	3.26	0.0006	0.9994	0.9989
1.77	0.0384	0.9616	0.9233	2.27	0.0116	0.9884	0.9768	2.77	0.0028	0.9972	0.9944	3.27	0.0005	0.9995	0.9989
1.78	0.0375	0.9625	0.9249	2.28	0.0113	0.9887	0.9774	2.78	0.0027	0.9973	0.9946	3.28	0.0005	0.9995	0.9990
1.79	0.0367	0.9633	0.9265	2.29	0.0110	0.9890	0.9780	2.79	0.0026	0.9974	0.9947	3.29	0.0005	0.9995	0.9990
1.80	0.0359	0.9641	0.9281	2.30	0.0107	0.9893	0.9786	2.80	0.0026	0.9974	0.9949	3.30	0.0005	0.9995	0.9990
1.81	0.0351	0.9649	0.9297	2.31	0.0104	0.9896	0.9791	2.81	0.0025	0.9975	0.9950	3.31	0.0005	0.9995	0.9991
1.82	0.0344	0.9656	0.9312	2.32	0.0102	0.9898	0.9797	2.82	0.0024	0.9976	0.9952	3.32	0.0005	0.9995	0.9991
1.83	0.0336	0.9664	0.9328	2.33	0.0099	0.9901	0.9802	2.83	0.0023	0.9977	0.9953	3.33	0.0004	0.9996	0.9991
1.84	0.0329	0.9671	0.9342	2.34	0.0096	0.9904	0.9807	2.84	0.0023	0.9977	0.9955	3.34	0.0004	0.9996	0.9992
1.85	0.0322	0.9678	0.9357	2.35	0.0094	0.9906	0.9812	2.85	0.0022	0.9978	0.9956	3.35	0.0004	0.9996	0.9992
1.86	0.0314	0.9686	0.9371	2.36	0.0091	0.9909	0.9817	2.86	0.0021	0.9979	0.9958	3.36	0.0004	0.9996	0.9992
1.87	0.0307	0.9693	0.9385	2.37	0.0089	0.9911	0.9822	2.87	0.0021	0.9979	0.9959	3.37	0.0004	0.9996	0.9992
1.88	0.0301	0.9699	0.9399	2.38	0.0087	0.9913	0.9827	2.88	0.0020	0.9980	0.9960	3.38	0.0004	0.9996	0.9993
1.89	0.0294	0.9706	0.9412	2.39	0.0084	0.9916	0.9832	2.89	0.0019	0.9981	0.9961	3.39	0.0003	0.9997	0.9993
1.90	0.0287	0.9713	0.9426	2.40	0.0082	0.9918	0.9836	2.90	0.0019	0.9981	0.9963	3.40	0.0003	0.9997	0.9993
1.91	0.0281	0.9719	0.9439	2.41	0.0080	0.9920	0.9840	2.91	0.0018	0.9982	0.9964	3.41	0.0003	0.9997	0.9994
1.92	0.0274	0.9726	0.9451	2.42	0.0078	0.9922	0.9845	2.92	0.0018	0.9982	0.9965	3.42	0.0003	0.9997	0.9994
1.93	0.0268	0.9732	0.9464	2.43	0.0075	0.9925	0.9849	2.93	0.0017	0.9983	0.9966	3.43	0.0003	0.9997	0.9994
1.94	0.0262	0.9738	0.9476	2.44	0.0073	0.9927	0.9853	2.94	0.0016	0.9984	0.9967	3.44	0.0003	0.9997	0.9994
1.95	0.0256	0.9744	0.9488	2.45	0.0071	0.9929	0.9857	2.95	0.0016	0.9984	0.9968	3.45	0.0003	0.9997	0.9994
1.96	0.0250	0.9750	0.9500	2.46	0.0069	0.9931	0.9861	2.96	0.0015	0.9985	0.9969	3.46	0.0003	0.9997	0.9995
1.97	0.0244	0.9756	0.9512	2.47	0.0068	0.9932	0.9865	2.97	0.0015	0.9985	0.9970	3.47	0.0003	0.9997	0.9995
1.98	0.0239	0.9761	0.9523	2.48	0.0066	0.9934	0.9869	2.98	0.0014	0.9986	0.9971	3.48	0.0003	0.9997	0.9995
1.99	0.0233	0.9767	0.9534	2.49	0.0064	0.9936	0.9872	2.99	0.0014	0.9986	0.9972	3.49	0.0002	0.9998	0.9995
2.00	0.0228	0.9772	0.9545	2.50	0.0062	0.9938	0.9876	3.00	0.0013	0.9987	0.9973	3.50	0.0002	0.9998	0.9995
2.01	0.0222	0.9778	0.9556	2.51	0.0060	0.9940	0.9879	3.01	0.0013	0.9987	0.9974	3.51	0.0002	0.9998	0.9996
2.02	0.0217	0.9783	0.9566	2.52	0.0059	0.9941	0.9883	3.02	0.0013	0.9987	0.9975	3.52	0.0002	0.9998	0.9996
2.03	0.0212	0.9788	0.9576	2.53	0.0057	0.9943	0.9886	3.03	0.0012	0.9988	0.9976	3.53	0.0002	0.9998	0.9996
2.04	0.0207	0.9793	0.9586	2.54	0.0055	0.9945	0.9889	3.04	0.0012	0.9988	0.9976	3.54	0.0002	0.9998	0.9996
2.05	0.0202	0.9798	0.9596	2.55	0.0054	0.9946	0.9892	3.05	0.0011	0.9989	0.9977	3.55	0.0002	0.9998	0.9996
2.06	0.0197	0.9803	0.9606	2.56	0.0052	0.9948	0.9895	3.06	0.0011	0.9989	0.9978	3.56	0.0002	0.9998	0.9996
2.07	0.0192	0.9808	0.9615	2.57	0.0051	0.9949	0.9898	3.07	0.0011	0.9989	0.9979	3.57	0.0002	0.9998	0.9996
2.08	0.0188	0.9812	0.9625	2.58	0.0049	0.9951	0.9901	3.08	0.0010	0.9990	0.9979	3.58	0.0002	0.9998	0.9997
2.09	0.0183	0.9817	0.9634	2.59	0.0048	0.9952	0.9904	3.09	0.0010	0.9990	0.9980	3.59	0.0002	0.9998	0.9997

Tabla porcentual de la distribución normal estándar



%	z(Φ)	z(D)	%	z(Φ)	z(D)	%	z(Φ)	z(D)	%	z(Φ)	z(D)	%	z(Φ)	z(D)	%	z(Φ)	z(D)
0.0	-∞	0	5.0	-1.645	0.063	10.0	-1.282	0.126	15.0	-1.036	0.189	20.0	-0.842	0.253	25.0	-0.674	0.319
0.1	-3.090	0.001	5.1	-1.635	0.064	10.1	-1.276	0.127	15.1	-1.032	0.190	20.1	-0.838	0.255	25.1	-0.671	0.320
0.2	-2.878	0.003	5.2	-1.626	0.065	10.2	-1.270	0.128	15.2	-1.028	0.192	20.2	-0.834	0.256	25.2	-0.668	0.321
0.3	-2.748	0.004	5.3	-1.616	0.066	10.3	-1.265	0.129	15.3	-1.024	0.193	20.3	-0.831	0.257	25.3	-0.665	0.323
0.4	-2.652	0.005	5.4	-1.607	0.068	10.4	-1.259	0.131	15.4	-1.019	0.194	20.4	-0.827	0.259	25.4	-0.662	0.324
0.5	-2.576	0.006	5.5	-1.598	0.069	10.5	-1.254	0.132	15.5	-1.015	0.196	20.5	-0.824	0.260	25.5	-0.659	0.325
0.6	-2.512	0.008	5.6	-1.589	0.070	10.6	-1.248	0.133	15.6	-1.011	0.197	20.6	-0.820	0.261	25.6	-0.656	0.327
0.7	-2.457	0.009	5.7	-1.580	0.071	10.7	-1.243	0.135	15.7	-1.007	0.198	20.7	-0.817	0.262	25.7	-0.653	0.328
0.8	-2.409	0.010	5.8	-1.572	0.073	10.8	-1.237	0.136	15.8	-1.003	0.199	20.8	-0.813	0.264	25.8	-0.650	0.329
0.9	-2.366	0.011	5.9	-1.563	0.074	10.9	-1.232	0.137	15.9	-0.999	0.201	20.9	-0.810	0.265	25.9	-0.646	0.331
1.0	-2.326	0.013	6.0	-1.555	0.075	11.0	-1.227	0.138	16.0	-0.994	0.202	21.0	-0.806	0.266	26.0	-0.643	0.332
1.1	-2.290	0.014	6.1	-1.546	0.077	11.1	-1.221	0.140	16.1	-0.990	0.203	21.1	-0.803	0.268	26.1	-0.640	0.333
1.2	-2.257	0.015	6.2	-1.538	0.078	11.2	-1.216	0.141	16.2	-0.986	0.204	21.2	-0.800	0.269	26.2	-0.637	0.335
1.3	-2.226	0.016	6.3	-1.530	0.079	11.3	-1.211	0.142	16.3	-0.982	0.206	21.3	-0.796	0.270	26.3	-0.634	0.336
1.4	-2.197	0.018	6.4	-1.522	0.080	11.4	-1.206	0.143	16.4	-0.978	0.207	21.4	-0.793	0.272	26.4	-0.631	0.337
1.5	-2.170	0.019	6.5	-1.514	0.082	11.5	-1.200	0.145	16.5	-0.974	0.208	21.5	-0.789	0.273	26.5	-0.628	0.338
1.6	-2.144	0.020	6.6	-1.506	0.083	11.6	-1.195	0.146	16.6	-0.970	0.210	21.6	-0.786	0.274	26.6	-0.625	0.340
1.7	-2.120	0.021	6.7	-1.499	0.084	11.7	-1.190	0.147	16.7	-0.966	0.211	21.7	-0.782	0.275	26.7	-0.622	0.341
1.8	-2.097	0.023	6.8	-1.491	0.085	11.8	-1.185	0.148	16.8	-0.962	0.212	21.8	-0.779	0.277	26.8	-0.619	0.342
1.9	-2.075	0.024	6.9	-1.483	0.087	11.9	-1.180	0.150	16.9	-0.958	0.213	21.9	-0.776	0.278	26.9	-0.616	0.344
2.0	-2.054	0.025	7.0	-1.476	0.088	12.0	-1.175	0.151	17.0	-0.954	0.215	22.0	-0.772	0.279	27.0	-0.613	0.345
2.1	-2.034	0.026	7.1	-1.468	0.089	12.1	-1.170	0.152	17.1	-0.950	0.216	22.1	-0.769	0.281	27.1	-0.610	0.346
2.2	-2.014	0.028	7.2	-1.461	0.090	12.2	-1.165	0.154	17.2	-0.946	0.217	22.2	-0.765	0.282	27.2	-0.607	0.348
2.3	-1.995	0.029	7.3	-1.454	0.092	12.3	-1.160	0.155	17.3	-0.942	0.219	22.3	-0.762	0.283	27.3	-0.604	0.349
2.4	-1.977	0.030	7.4	-1.447	0.093	12.4	-1.155	0.156	17.4	-0.938	0.220	22.4	-0.759	0.285	27.4	-0.601	0.350
2.5	-1.960	0.031	7.5	-1.440	0.094	12.5	-1.150	0.157	17.5	-0.935	0.221	22.5	-0.755	0.286	27.5	-0.598	0.352
2.6	-1.943	0.033	7.6	-1.433	0.095	12.6	-1.146	0.159	17.6	-0.931	0.222	22.6	-0.752	0.287	27.6	-0.595	0.353
2.7	-1.927	0.034	7.7	-1.426	0.097	12.7	-1.141	0.160	17.7	-0.927	0.224	22.7	-0.749	0.288	27.7	-0.592	0.354
2.8	-1.911	0.035	7.8	-1.419	0.098	12.8	-1.136	0.161	17.8	-0.923	0.225	22.8	-0.745	0.290	27.8	-0.589	0.356
2.9	-1.896	0.036	7.9	-1.412	0.099	12.9	-1.131	0.162	17.9	-0.919	0.226	22.9	-0.742	0.291	27.9	-0.586	0.357
3.0	-1.881	0.038	8.0	-1.405	0.100	13.0	-1.126	0.164	18.0	-0.915	0.228	23.0	-0.739	0.292	28.0	-0.583	0.358
3.1	-1.866	0.039	8.1	-1.398	0.102	13.1	-1.122	0.165	18.1	-0.912	0.229	23.1	-0.736	0.294	28.1	-0.580	0.360
3.2	-1.852	0.040	8.2	-1.392	0.103	13.2	-1.117	0.166	18.2	-0.908	0.230	23.2	-0.732	0.295	28.2	-0.577	0.361
3.3	-1.838	0.041	8.3	-1.385	0.104	13.3	-1.112	0.167	18.3	-0.904	0.231	23.3	-0.729	0.296	28.3	-0.574	0.362
3.4	-1.825	0.043	8.4	-1.379	0.105	13.4	-1.108	0.169	18.4	-0.900	0.233	23.4	-0.726	0.298	28.4	-0.571	0.364
3.5	-1.812	0.044	8.5	-1.372	0.107	13.5	-1.103	0.170	18.5	-0.896	0.234	23.5	-0.722	0.299	28.5	-0.568	0.365
3.6	-1.799	0.045	8.6	-1.366	0.108	13.6	-1.098	0.171	18.6	-0.893	0.235	23.6	-0.719	0.300	28.6	-0.565	0.366
3.7	-1.787	0.046	8.7	-1.359	0.109	13.7	-1.094	0.173	18.7	-0.889	0.237	23.7	-0.716	0.302	28.7	-0.562	0.368
3.8	-1.774	0.048	8.8	-1.353	0.111	13.8	-1.089	0.174	18.8	-0.885	0.238	23.8	-0.713	0.303	28.8	-0.559	0.369
3.9	-1.762	0.049	8.9	-1.347	0.112	13.9	-1.085	0.175	18.9	-0.882	0.239	23.9	-0.710	0.304	28.9	-0.556	0.371
4.0	-1.751	0.050	9.0	-1.341	0.113	14.0	-1.080	0.176	19.0	-0.878	0.240	24.0	-0.706	0.305	29.0	-0.553	0.372
4.1	-1.739	0.051	9.1	-1.335	0.114	14.1	-1.076	0.178	19.1	-0.874	0.242	24.1	-0.703	0.307	29.1	-0.550	0.373
4.2	-1.728	0.053	9.2	-1.329	0.116	14.2	-1.071	0.179	19.2	-0.871	0.243	24.2	-0.700	0.308	29.2	-0.548	0.375
4.3	-1.717	0.054	9.3	-1.323	0.117	14.3	-1.067	0.180	19.3	-0.867	0.244	24.3	-0.697	0.309	29.3	-0.545	0.376
4.4	-1.706	0.055	9.4	-1.317	0.118	14.4	-1.063	0.181	19.4	-0.863	0.246	24.4	-0.693	0.311	29.4	-0.542	0.377
4.5	-1.695	0.056	9.5	-1.311	0.119	14.5	-1.058	0.183	19.5	-0.860	0.247	24.5	-0.690	0.312	29.5	-0.539	0.379
4.6	-1.685	0.058	9.6	-1.305	0.121	14.6	-1.054	0.184	19.6	-0.856	0.248	24.6	-0.687	0.313	29.6	-0.536	0.380
4.7	-1.675	0.059	9.7	-1.299	0.122	14.7	-1.049	0.185	19.7	-0.852	0.249	24.7	-0.684	0.315	29.7	-0.533	0.381
4.8	-1.665	0.060	9.8	-1.293	0.123	14.8	-1.045	0.187	19.8	-0.849	0.251	24.8	-0.681	0.316	29.8	-0.530	0.383
4.9	-1.655	0.061	9.9	-1.287	0.124	14.9	-1.041	0.188	19.9	-0.845	0.252	24.9	-0.678	0.317	29.9	-0.527	0.384

%	$z(\Phi)$	$z(D)$	%	$z(\Phi)$	$z(D)$	%	$z(\Phi)$	$z(D)$	%	$z(\Phi)$	$z(D)$	%	$z(\Phi)$	$z(D)$	%	$z(\Phi)$	$z(D)$
30.0	-0.524	0.385	36.0	-0.358	0.468	42.0	-0.202	0.553	48.0	-0.050	0.643	54.0	0.100	0.739	60.0	0.253	0.842
30.1	-0.522	0.387	36.1	-0.356	0.469	42.1	-0.199	0.555	48.1	-0.048	0.645	54.1	0.103	0.740	60.1	0.256	0.843
30.2	-0.519	0.388	36.2	-0.353	0.470	42.2	-0.197	0.556	48.2	-0.045	0.646	54.2	0.105	0.742	60.2	0.259	0.845
30.3	-0.516	0.389	36.3	-0.350	0.472	42.3	-0.194	0.558	48.3	-0.043	0.648	54.3	0.108	0.744	60.3	0.261	0.847
30.4	-0.513	0.391	36.4	-0.348	0.473	42.4	-0.192	0.559	48.4	-0.040	0.650	54.4	0.111	0.745	60.4	0.264	0.849
30.5	-0.510	0.392	36.5	-0.345	0.475	42.5	-0.189	0.561	48.5	-0.038	0.651	54.5	0.113	0.747	60.5	0.266	0.851
30.6	-0.507	0.393	36.6	-0.342	0.476	42.6	-0.187	0.562	48.6	-0.035	0.653	54.6	0.116	0.749	60.6	0.269	0.852
30.7	-0.504	0.395	36.7	-0.340	0.478	42.7	-0.184	0.564	48.7	-0.033	0.654	54.7	0.118	0.750	60.7	0.272	0.854
30.8	-0.502	0.396	36.8	-0.337	0.479	42.8	-0.181	0.565	48.8	-0.030	0.656	54.8	0.121	0.752	60.8	0.274	0.856
30.9	-0.499	0.397	36.9	-0.335	0.480	42.9	-0.179	0.567	48.9	-0.028	0.657	54.9	0.123	0.754	60.9	0.277	0.858
31.0	-0.496	0.399	37.0	-0.332	0.482	43.0	-0.176	0.568	49.0	-0.025	0.659	55.0	0.126	0.755	61.0	0.279	0.860
31.1	-0.493	0.400	37.1	-0.329	0.483	43.1	-0.174	0.570	49.1	-0.023	0.660	55.1	0.128	0.757	61.1	0.282	0.861
31.2	-0.490	0.402	37.2	-0.327	0.485	43.2	-0.171	0.571	49.2	-0.020	0.662	55.2	0.131	0.759	61.2	0.285	0.863
31.3	-0.487	0.403	37.3	-0.324	0.486	43.3	-0.169	0.572	49.3	-0.018	0.664	55.3	0.133	0.760	61.3	0.287	0.865
31.4	-0.485	0.404	37.4	-0.321	0.487	43.4	-0.166	0.574	49.4	-0.015	0.665	55.4	0.136	0.762	61.4	0.290	0.867
31.5	-0.482	0.406	37.5	-0.319	0.489	43.5	-0.164	0.575	49.5	-0.013	0.667	55.5	0.138	0.764	61.5	0.292	0.869
31.6	-0.479	0.407	37.6	-0.316	0.490	43.6	-0.161	0.577	49.6	-0.010	0.668	55.6	0.141	0.765	61.6	0.295	0.871
31.7	-0.476	0.408	37.7	-0.313	0.492	43.7	-0.159	0.578	49.7	-0.008	0.670	55.7	0.143	0.767	61.7	0.298	0.872
31.8	-0.473	0.410	37.8	-0.311	0.493	43.8	-0.156	0.580	49.8	-0.005	0.671	55.8	0.146	0.769	61.8	0.300	0.874
31.9	-0.470	0.411	37.9	-0.308	0.494	43.9	-0.154	0.581	49.9	-0.003	0.673	55.9	0.148	0.771	61.9	0.303	0.876
32.0	-0.468	0.412	38.0	-0.305	0.496	44.0	-0.151	0.583	50.0	0.000	0.674	56.0	0.151	0.772	62.0	0.305	0.878
32.1	-0.465	0.414	38.1	-0.303	0.497	44.1	-0.148	0.584	50.1	0.003	0.676	56.1	0.154	0.774	62.1	0.308	0.880
32.2	-0.462	0.415	38.2	-0.300	0.499	44.2	-0.146	0.586	50.2	0.005	0.678	56.2	0.156	0.776	62.2	0.311	0.882
32.3	-0.459	0.417	38.3	-0.298	0.500	44.3	-0.143	0.587	50.3	0.008	0.679	56.3	0.159	0.777	62.3	0.313	0.883
32.4	-0.457	0.418	38.4	-0.295	0.502	44.4	-0.141	0.589	50.4	0.010	0.681	56.4	0.161	0.779	62.4	0.316	0.885
32.5	-0.454	0.419	38.5	-0.292	0.503	44.5	-0.138	0.590	50.5	0.013	0.682	56.5	0.164	0.781	62.5	0.319	0.887
32.6	-0.451	0.421	38.6	-0.290	0.504	44.6	-0.136	0.592	50.6	0.015	0.684	56.6	0.166	0.782	62.6	0.321	0.889
32.7	-0.448	0.422	38.7	-0.287	0.506	44.7	-0.133	0.593	50.7	0.018	0.686	56.7	0.169	0.784	62.7	0.324	0.891
32.8	-0.445	0.423	38.8	-0.285	0.507	44.8	-0.131	0.595	50.8	0.020	0.687	56.8	0.171	0.786	62.8	0.327	0.893
32.9	-0.443	0.425	38.9	-0.282	0.509	44.9	-0.128	0.596	50.9	0.023	0.689	56.9	0.174	0.787	62.9	0.329	0.895
33.0	-0.440	0.426	39.0	-0.279	0.510	45.0	-0.126	0.598	51.0	0.025	0.690	57.0	0.176	0.789	63.0	0.332	0.896
33.1	-0.437	0.428	39.1	-0.277	0.512	45.1	-0.123	0.599	51.1	0.028	0.692	57.1	0.179	0.791	63.1	0.335	0.898
33.2	-0.434	0.429	39.2	-0.274	0.513	45.2	-0.121	0.601	51.2	0.030	0.693	57.2	0.181	0.793	63.2	0.337	0.900
33.3	-0.432	0.430	39.3	-0.272	0.514	45.3	-0.118	0.602	51.3	0.033	0.695	57.3	0.184	0.794	63.3	0.340	0.902
33.4	-0.429	0.432	39.4	-0.269	0.516	45.4	-0.116	0.604	51.4	0.035	0.697	57.4	0.187	0.796	63.4	0.342	0.904
33.5	-0.426	0.433	39.5	-0.266	0.517	45.5	-0.113	0.605	51.5	0.038	0.698	57.5	0.189	0.798	63.5	0.345	0.906
33.6	-0.423	0.434	39.6	-0.264	0.519	45.6	-0.111	0.607	51.6	0.040	0.700	57.6	0.192	0.800	63.6	0.348	0.908
33.7	-0.421	0.436	39.7	-0.261	0.520	45.7	-0.108	0.608	51.7	0.043	0.701	57.7	0.194	0.801	63.7	0.350	0.910
33.8	-0.418	0.437	39.8	-0.259	0.522	45.8	-0.105	0.610	51.8	0.045	0.703	57.8	0.197	0.803	63.8	0.353	0.912
33.9	-0.415	0.439	39.9	-0.256	0.523	45.9	-0.103	0.611	51.9	0.048	0.705	57.9	0.199	0.805	63.9	0.356	0.913
34.0	-0.412	0.440	40.0	-0.253	0.524	46.0	-0.100	0.613	52.0	0.050	0.706	58.0	0.202	0.806	64.0	0.358	0.915
34.1	-0.410	0.441	40.1	-0.251	0.526	46.1	-0.098	0.614	52.1	0.053	0.708	58.1	0.204	0.808	64.1	0.361	0.917
34.2	-0.407	0.443	40.2	-0.248	0.527	46.2	-0.095	0.616	52.2	0.055	0.710	58.2	0.207	0.810	64.2	0.364	0.919
34.3	-0.404	0.444	40.3	-0.246	0.529	46.3	-0.093	0.617	52.3	0.058	0.711	58.3	0.210	0.812	64.3	0.366	0.921
34.4	-0.402	0.445	40.4	-0.243	0.530	46.4	-0.090	0.619	52.4	0.060	0.713	58.4	0.212	0.813	64.4	0.369	0.923
34.5	-0.399	0.447	40.5	-0.240	0.532	46.5	-0.088	0.620	52.5	0.063	0.714	58.5	0.215	0.815	64.5	0.372	0.925
34.6	-0.396	0.448	40.6	-0.238	0.533	46.6	-0.085	0.622	52.6	0.065	0.716	58.6	0.217	0.817	64.6	0.375	0.927
34.7	-0.393	0.450	40.7	-0.235	0.534	46.7	-0.083	0.623	52.7	0.068	0.718	58.7	0.220	0.819	64.7	0.377	0.929
34.8	-0.391	0.451	40.8	-0.233	0.536	46.8	-0.080	0.625	52.8	0.070	0.719	58.8	0.222	0.820	64.8	0.380	0.931
34.9	-0.388	0.452	40.9	-0.230	0.537	46.9	-0.078	0.626	52.9	0.073	0.721	58.9	0.225	0.822	64.9	0.383	0.933
35.0	-0.385	0.454	41.0	-0.228	0.539	47.0	-0.075	0.628	53.0	0.075	0.722	59.0	0.228	0.824	65.0	0.385	0.935
35.1	-0.383	0.455	41.1	-0.225	0.540	47.1	-0.073	0.630	53.1	0.078	0.724	59.1	0.230	0.826	65.1	0.388	0.937
35.2	-0.380	0.457	41.2	-0.222	0.542	47.2	-0.070	0.631	53.2	0.080	0.726	59.2	0.233	0.827	65.2	0.391	0.938
35.3	-0.377	0.458	41.3	-0.220	0.543	47.3	-0.068	0.633	53.3	0.083	0.727	59.3	0.235	0.829	65.3	0.393	0.940
35.4	-0.375	0.459	41.4	-0.217	0.545	47.4	-0.065	0.634	53.4	0.085	0.729	59.4	0.238	0.831	65.4	0.396	0.942
35.5	-0.372	0.461	41.5	-0.215	0.546	47.5	-0.063	0.636	53.5	0.088	0.731	59.5	0.240	0.833	65.5	0.399	0.944
35.6	-0.369	0.462	41.6	-0.212	0.548	47.6	-0.060	0.637	53.6	0.090	0.732	59.6	0.243	0.834	65.6	0.402	0.946
35.7	-0.366	0.464	41.7	-0.210	0.549	47.7	-0.058	0.639	53.7	0.093	0.734	59.7	0.246	0.836	65.7	0.404	0.948
35.8	-0.364	0.465	41.8	-0.207	0.550	47.8	-0.055	0.640	53.8	0.095	0.736	59.8	0.248	0.838	65.8	0.407	0.950
35.9	-0.361	0.466	41.9	-0.204	0.552	47.9	-0.053	0.642	53.9	0.098	0.737	59.9	0.251	0.840	65.9	0.410	0.952



%	$z(\Phi)$	$z(D)$	%	$z(\Phi)$	$z(D)$	%	$z(\Phi)$	$z(D)$	%	$z(\Phi)$	$z(D)$	%	$z(\Phi)$	$z(D)$	%	$z(\Phi)$	$z(D)$
66.0	0.412	0.954	72.0	0.583	1.080	78.0	0.772	1.227	84.0	0.994	1.405	90.0	1.282	1.645	96.0	1.751	2.054
66.1	0.415	0.956	72.1	0.586	1.083	78.1	0.776	1.229	84.1	0.999	1.408	90.1	1.287	1.650	96.1	1.762	2.064
66.2	0.418	0.958	72.2	0.589	1.085	78.2	0.779	1.232	84.2	1.003	1.412	90.2	1.293	1.655	96.2	1.774	2.075
66.3	0.421	0.960	72.3	0.592	1.087	78.3	0.782	1.235	84.3	1.007	1.415	90.3	1.299	1.660	96.3	1.787	2.086
66.4	0.423	0.962	72.4	0.595	1.089	78.4	0.786	1.237	84.4	1.011	1.419	90.4	1.305	1.665	96.4	1.799	2.097
66.5	0.426	0.964	72.5	0.598	1.092	78.5	0.789	1.240	84.5	1.015	1.422	90.5	1.311	1.670	96.5	1.812	2.108
66.6	0.429	0.966	72.6	0.601	1.094	78.6	0.793	1.243	84.6	1.019	1.426	90.6	1.317	1.675	96.6	1.825	2.120
66.7	0.432	0.968	72.7	0.604	1.096	78.7	0.796	1.245	84.7	1.024	1.429	90.7	1.323	1.680	96.7	1.838	2.132
66.8	0.434	0.970	72.8	0.607	1.098	78.8	0.800	1.248	84.8	1.028	1.433	90.8	1.329	1.685	96.8	1.852	2.144
66.9	0.437	0.972	72.9	0.610	1.101	78.9	0.803	1.251	84.9	1.032	1.436	90.9	1.335	1.690	96.9	1.866	2.157
67.0	0.440	0.974	73.0	0.613	1.103	79.0	0.806	1.254	85.0	1.036	1.440	91.0	1.341	1.695	97.0	1.881	2.170
67.1	0.443	0.976	73.1	0.616	1.105	79.1	0.810	1.256	85.1	1.041	1.443	91.1	1.347	1.701	97.1	1.896	2.183
67.2	0.445	0.978	73.2	0.619	1.108	79.2	0.813	1.259	85.2	1.045	1.447	91.2	1.353	1.706	97.2	1.911	2.197
67.3	0.448	0.980	73.3	0.622	1.110	79.3	0.817	1.262	85.3	1.049	1.450	91.3	1.359	1.711	97.3	1.927	2.212
67.4	0.451	0.982	73.4	0.625	1.112	79.4	0.820	1.265	85.4	1.054	1.454	91.4	1.366	1.717	97.4	1.943	2.226
67.5	0.454	0.984	73.5	0.628	1.115	79.5	0.824	1.267	85.5	1.058	1.457	91.5	1.372	1.722	97.5	1.960	2.241
67.6	0.457	0.986	73.6	0.631	1.117	79.6	0.827	1.270	85.6	1.063	1.461	91.6	1.379	1.728	97.6	1.977	2.257
67.7	0.459	0.988	73.7	0.634	1.119	79.7	0.831	1.273	85.7	1.067	1.465	91.7	1.385	1.734	97.7	1.995	2.273
67.8	0.462	0.990	73.8	0.637	1.122	79.8	0.834	1.276	85.8	1.071	1.468	91.8	1.392	1.739	97.8	2.014	2.290
67.9	0.465	0.992	73.9	0.640	1.124	79.9	0.838	1.279	85.9	1.076	1.472	91.9	1.398	1.745	97.9	2.034	2.308
68.0	0.468	0.994	74.0	0.643	1.126	80.0	0.842	1.282	86.0	1.080	1.476	92.0	1.405	1.751	98.0	2.054	2.326
68.1	0.470	0.997	74.1	0.646	1.129	80.1	0.845	1.284	86.1	1.085	1.480	92.1	1.412	1.757	98.1	2.075	2.346
68.2	0.473	0.999	74.2	0.650	1.131	80.2	0.849	1.287	86.2	1.089	1.483	92.2	1.419	1.762	98.2	2.097	2.366
68.3	0.476	1.001	74.3	0.653	1.134	80.3	0.852	1.290	86.3	1.094	1.487	92.3	1.426	1.768	98.3	2.120	2.387
68.4	0.479	1.003	74.4	0.656	1.136	80.4	0.856	1.293	86.4	1.098	1.491	92.4	1.433	1.774	98.4	2.144	2.409
68.5	0.482	1.005	74.5	0.659	1.138	80.5	0.860	1.296	86.5	1.103	1.495	92.5	1.440	1.780	98.5	2.170	2.432
68.6	0.485	1.007	74.6	0.662	1.141	80.6	0.863	1.299	86.6	1.108	1.499	92.6	1.447	1.787	98.6	2.197	2.457
68.7	0.487	1.009	74.7	0.665	1.143	80.7	0.867	1.302	86.7	1.112	1.502	92.7	1.454	1.793	98.7	2.226	2.484
68.8	0.490	1.011	74.8	0.668	1.146	80.8	0.871	1.305	86.8	1.117	1.506	92.8	1.461	1.799	98.8	2.257	2.512
68.9	0.493	1.013	74.9	0.671	1.148	80.9	0.874	1.308	86.9	1.122	1.510	92.9	1.468	1.805	98.9	2.290	2.543
69.0	0.496	1.015	75.0	0.674	1.150	81.0	0.878	1.311	87.0	1.126	1.514	93.0	1.476	1.812	99.0	2.326	2.576
69.1	0.499	1.017	75.1	0.678	1.153	81.1	0.882	1.314	87.1	1.131	1.518	93.1	1.483	1.818	99.1	2.366	2.612
69.2	0.502	1.019	75.2	0.681	1.155	81.2	0.885	1.317	87.2	1.136	1.522	93.2	1.491	1.825	99.2	2.409	2.652
69.3	0.504	1.022	75.3	0.684	1.158	81.3	0.889	1.320	87.3	1.141	1.526	93.3	1.499	1.832	99.3	2.457	2.697
69.4	0.507	1.024	75.4	0.687	1.160	81.4	0.893	1.323	87.4	1.146	1.530	93.4	1.506	1.838	99.4	2.512	2.748
69.5	0.510	1.026	75.5	0.690	1.163	81.5	0.896	1.326	87.5	1.150	1.534	93.5	1.514	1.845	99.5	2.576	2.807
69.6	0.513	1.028	75.6	0.693	1.165	81.6	0.900	1.329	87.6	1.155	1.538	93.6	1.522	1.852	99.6	2.652	2.878
69.7	0.516	1.030	75.7	0.697	1.168	81.7	0.904	1.332	87.7	1.160	1.542	93.7	1.530	1.859	99.7	2.748	2.968
69.8	0.519	1.032	75.8	0.700	1.170	81.8	0.908	1.335	87.8	1.165	1.546	93.8	1.538	1.866	99.8	2.878	3.090
69.9	0.522	1.034	75.9	0.703	1.172	81.9	0.912	1.338	87.9	1.170	1.551	93.9	1.546	1.873	99.9	3.090	3.290
70.0	0.524	1.036	76.0	0.706	1.175	82.0	0.915	1.341	88.0	1.175	1.555	94.0	1.555	1.881			
70.1	0.527	1.039	76.1	0.710	1.177	82.1	0.919	1.344	88.1	1.180	1.559	94.1	1.563	1.888			
70.2	0.530	1.041	76.2	0.713	1.180	82.2	0.923	1.347	88.2	1.185	1.563	94.2	1.572	1.896			
70.3	0.533	1.043	76.3	0.716	1.183	82.3	0.927	1.350	88.3	1.190	1.567	94.3	1.580	1.903			
70.4	0.536	1.045	76.4	0.719	1.185	82.4	0.931	1.353	88.4	1.195	1.572	94.4	1.589	1.911			
70.5	0.539	1.047	76.5	0.722	1.188	82.5	0.935	1.356	88.5	1.200	1.576	94.5	1.598	1.919			
70.6	0.542	1.049	76.6	0.726	1.190	82.6	0.938	1.359	88.6	1.206	1.580	94.6	1.607	1.927			
70.7	0.545	1.052	76.7	0.729	1.193	82.7	0.942	1.363	88.7	1.211	1.585	94.7	1.616	1.935			
70.8	0.548	1.054	76.8	0.732	1.195	82.8	0.946	1.366	88.8	1.216	1.589	94.8	1.626	1.943			
70.9	0.550	1.056	76.9	0.736	1.198	82.9	0.950	1.369	88.9	1.221	1.594	94.9	1.635	1.951			
71.0	0.553	1.058	77.0	0.739	1.200	83.0	0.954	1.372	89.0	1.227	1.598	95.0	1.645	1.960			
71.1	0.556	1.060	77.1	0.742	1.203	83.1	0.958	1.375	89.1	1.232	1.603	95.1	1.655	1.969			
71.2	0.559	1.063	77.2	0.745	1.206	83.2	0.962	1.379	89.2	1.237	1.607	95.2	1.665	1.977			
71.3	0.562	1.065	77.3	0.749	1.208	83.3	0.966	1.382	89.3	1.243	1.612	95.3	1.675	1.986			
71.4	0.565	1.067	77.4	0.752	1.211	83.4	0.970	1.385	89.4	1.248	1.616	95.4	1.685	1.995			
71.5	0.568	1.069	77.5	0.755	1.213	83.5	0.974	1.388	89.5	1.254	1.621	95.5	1.695	2.005			
71.6	0.571	1.071	77.6	0.759	1.216	83.6	0.978	1.392	89.6	1.259	1.626	95.6	1.706	2.014			
71.7	0.574	1.074	77.7	0.762	1.219	83.7	0.982	1.395	89.7	1.265	1.630	95.7	1.717	2.024			
71.8	0.577	1.076	77.8	0.765	1.221	83.8	0.986	1.398	89.8	1.270	1.635	95.8	1.728	2.034			
71.9	0.580	1.078	77.9	0.769	1.224	83.9	0.990	1.402	89.9	1.276	1.640	95.9	1.739	2.044			