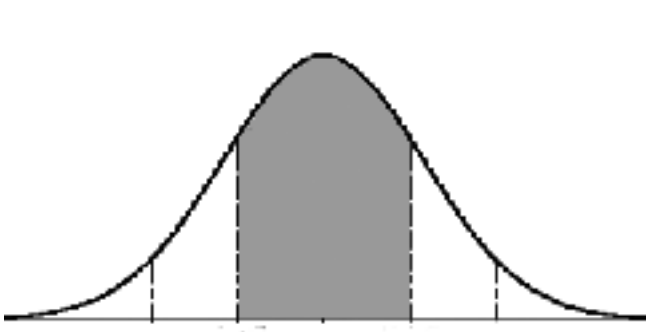

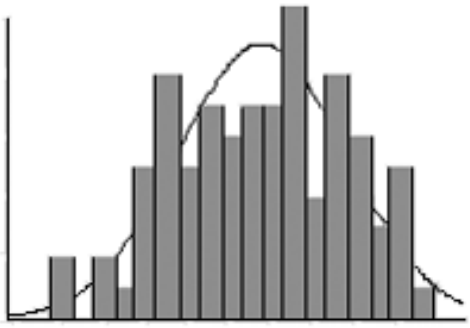

Tablas estadísticas de las variables Binomial, Poisson y Normal

José Requena Ruiz

Departamento de Ciencia de la computación e Inteligencia artificial.
Universidad de Alicante.

Binomial $B(n,p)$: $\quad F(k) = \sum_{i=0}^{k} \binom{n}{i} p^i q^{n-i}$

n	k	0.01	0.05	0.10	0.15	0.20	0.25	0.30	1/3	0.35	0.40	0.45	0.50
1	0	0.9990	.9500	.9000	.8500	.8000	.7500	.7000	.6667	.6500	.6000	.5500	.5000
	1	1	1	1	1	1	1	1	1	1	1	1	1
	0	.9801	.9025	.8100	.7225	.6400	.5625	.4900	.4444	.4225	.3600	.3025	.2500
2	1	.9999	.9975	.9900	.9775	.9600	.9375	.9100	.8889	.8775	.8400	.7975	.7500
	2		1	1	1	1	1	1	1	1	1	1	1
	0	.9703	.8574	.7290	.6141	.5120	.4219	.3430	.2963	.2746	.2160	.1664	.1250
	1	.9997	.9928	.9720	.9393	.8960	.8438	.7840	.7407	.7183	.6480	.5748	.5000
3	2	1	.9999	.9990	.9966	.9920	.9844	.9730	.9630	.9571	.9360	.9089	.8750
	3		1	1	1	1	1	1	1	1	1	1	1
	0	.9606	.8145	.6561	.5220	.4096	.3164	.2401	.1975	.1785	.1296	.0915	.0625
	1	.9994	.9860	.9477	.8905	.8192	.7383	.6517	.5926	.5630	.4752	.3910	.3125
	2	1	.9995	.9963	.9880	.9728	.9492	.9163	.8889	.8735	.8208	.7585	.6875
4	3		1	.9999	.9995	.9984	.9961	.9919	.9877	.9850	.9744	.9590	.9375
	4			1	1	1	1	1	1	1	1	1	1
	0	.9510	.7738	.5905	.4437	.3277	.2373	.1681	.1317	.1160	.0778	.0503	.0313
	1	.9990	.9774	.9185	.8352	.7373	.6328	.5282	.4609	.4284	.3370	.2562	.1875
	2	1	.9988	.9914	.9734	.9421	.8965	.8369	.7901	.7648	.6826	.5931	.5000
5	3		1	.9995	.9978	.9933	.9844	.9692	.9547	.9460	.9130	.8688	.8125
	4			1	.9999	.9997	.9990	.9976	.9959	.9947	.9898	.9815	.9688
	5				1	1	1	1	1	1	1	1	1
	0	.9415	.7351	.5314	.3771	.2621	.1780	.1176	.0878	.0754	.0467	.0277	.0156
	1	.9985	.9672	.8857	.7765	.6554	.5339	.4202	.3512	.3191	.2333	.1636	.1094
	2	1	.9978	.9842	.9527	.9011	.8306	.7443	.6804	.6471	.5443	.4415	.3438
6	3		.9999	.9987	.9941	.9830	.9624	.9295	.8999	.8826	.8208	.7447	.6563
	4		1	.9999	.9996	.9984	.9954	.9891	.9822	.9777	.9590	.9308	.8906
	5			1	1	.9999	.9998	.9993	.9986	.9982	.9959	.9917	.9844
	6					1	1	1	1	1	1	1	1
	0	.9321	.6983	.4783	.3206	.2097	.1335	.0824	.0585	.0490	.0280	.0152	.0078
	1	.9980	.9556	.8503	.7166	.5767	.4449	.3294	.2634	.2338	.1586	.1024	.0625
	2	1	.9962	.9743	.9262	.8520	.7564	.6471	.5706	.5323	.4199	.3164	.2266
	3		.9998	.9973	.9879	.9667	.9294	.8740	.8267	.8002	.7102	.6083	.5000
7	4		1	.9998	.9988	.9953	.9871	.9712	.9547	.9444	.9037	.8471	.7734
	5			1	.9999	.9996	.9987	.9962	.9931	.9910	.9812	.9643	.9375
	6				1	1	.9999	.9998	.9995	.9994	.9984	.9963	.9922
	7						1	1	1	1	1	1	1
	0	.9227	.6634	.4305	.2725	.1678	.1001	.0576	.0390	.0319	.0168	.0084	.0039
	1	.9973	.9428	.8131	.6572	.5033	.3671	.2553	.1951	.1691	.1064	.0632	.0352
	2	.9999	.9942	.9619	.8948	.7969	.6785	.5518	.4682	.4278	.3154	.2201	.1445
	3	1	.9996	.9950	.9786	.9437	.8862	.8059	.7414	.7064	.5941	.4770	.3633
8	4		1	.9996	.9971	.9896	.9727	.9420	.9121	.8939	.8263	.7396	.6367
	5			1	.9998	.9988	.9958	.9887	.9803	.9747	.9502	.9115	.8555
	6				1	.9999	.9996	.9987	.9974	.9964	.9915	.9819	.9648
	7					1	1	.9999	.9998	.9998	.9993	.9983	.9961
	8							1	1	1	1	1	1
	0	.9135	.6302	.3874	.2316	.1342	.0751	.0404	.0260	.0207	.0101	.0046	.0020
	1	.9966	.9288	.7748	.5995	.4362	.3003	.1960	.1431	.1211	.0705	.0385	.0195
	2	.9999	.9916	.9470	.8591	.7382	.6007	.4628	.3772	.3373	.2318	.1495	.0898
	3	1	.9994	.9917	.9661	.9144	.8343	.7297	.6503	.6089	.4826	.3614	.2539
9	4		1	.9991	.9944	.9804	.9511	.9012	.8552	.8283	.7334	.6214	.5000
	5			.9999	.9994	.9969	.9900	.9747	.9576	.9464	.9006	.8342	.7461
	6			1	1	.9997	.9987	.9957	.9917	.9888	.9750	.9502	.9102
	7					1	.9999	.9996	.9990	.9986	.9962	.9909	.9805
	8						1	1	.9999	.9999	.9997	.9992	.9980
	9								1	1	1	1	1

$$\text{Binomial } B(n,p): \quad F(k) = \sum_{i=0}^{k} \binom{n}{i} p^i q^{n-i}$$

n	k	0.01	0.05	0.10	0.15	0.20	0.25	0.30	1/3	0.35	0.40	0.45	0.50
	0	.9044	.5987	.3487	.1969	.1074	.0563	.0282	.0173	.0135	.0060	.0025	.0010
	1	.9957	.9139	.7361	.5443	.3758	.2440	.1493	.1040	.0860	.0464	.0233	.0107
	2	.9999	.9885	.9298	.8202	.6778	.5256	.3828	.2991	.2616	.1673	.0996	.0547
	3	1	.9990	.9872	.9500	.8791	.7759	.6496	.5593	.5138	.3823	.2660	.1719
	4		.9999	.9984	.9901	.9672	.9219	.8497	.7869	.7515	.6331	.5044	.3770
10	5		1	.9999	.9986	.9936	.9803	.9527	.9234	.9051	.8338	.7384	.6230
	6			1	.9999	.9991	.9965	.9894	.9803	.9740	.9452	.8980	.8281
	7				1	.9999	.9996	.9984	.9966	.9952	.9877	.9726	.9453
	8					1	1	.9999	.9996	.9995	.9983	.9955	.9893
	9							1	1	1	.9999	.9997	.9990
	10										1	1	1
	0	.8953	.5688	.3138	.1673	.0859	.0422	.0198	.0116	.0088	.0036	.0014	.0005
	1	.9948	.8981	.6974	.4922	.3221	.1971	.1130	.0751	.0606	.0302	.0139	.0059
	2	.9998	.9848	.9104	.7788	.6174	.4552	.3127	.2341	.2001	.1189	.0652	.0327
	3	1	.9984	.9815	.9306	.8389	.7133	.5696	.4726	.4256	.2963	.1911	.1133
	4		.9999	.9972	.9841	.9496	.8854	.7897	.7110	.6683	.5328	.3971	.2744
11	5		1	.9997	.9973	.9883	.9657	.9218	.8779	.8513	.7535	.6331	.5000
	6			1	.9997	.9980	.9924	.9784	.9614	.9499	.9006	.8262	.7256
	7				1	.9998	.9988	.9957	.9912	.9878	.9707	.9390	.8867
	8					1	.9999	.9994	.9986	.9980	.9941	.9852	.9673
	9						1	1	.9999	.9998	.9993	.9978	.9941
	10								1	1	1	.9998	.9995
	11											1	1
	0	.8864	.5404	.2824	.1422	.0687	.0317	.0138	.0077	.0057	.0022	.0008	.0002
	1	.9938	.8816	.6590	.4435	.2749	.1584	.0850	.0540	.0424	.0196	.0083	.0032
	2	.9998	.9804	.8891	.7358	.5583	.3907	.2528	.1811	.1513	.0834	.0421	.0193
	3	1	.9978	.9744	.9078	.7946	.6488	.4925	.3931	.3467	.2253	.1345	.0730
	4		.9998	.9957	.9761	.9274	.8424	.7237	.6315	.5833	.4382	.3044	.1938
	5		1	.9995	.9954	.9806	.9456	.8822	.8223	.7873	.6652	.5269	.3872
12	6			.9999	.9993	.9961	.9857	.9614	.9336	.9154	.8418	.7393	.6128
	7			1	.9999	.9994	.9972	.9905	.9812	.9745	.9427	.8883	.8062
	8				1	.9999	.9996	.9983	.9961	.9944	.9847	.9644	.9270
	9					1	1	.9998	.9995	.9992	.9972	.9921	.9807
	10							1	1	.9999	.9997	.9989	.9968
	11									1	1	.9999	.9998
	12											1	1
	0	.8775	.5133	.2542	.1209	.0550	.0238	.0097	.0051	.0037	.0013	.0004	.0001
	1	.9928	.8646	.6213	.3983	.2336	.1267	.0637	.0385	.0296	.0126	.0049	.0017
	2	.9997	.9755	.8661	.6920	.5017	.3326	.2025	.1387	.1132	.0579	.0269	.0112
	3	1	.9969	.9658	.8820	.7473	.5843	.4206	.3224	.2783	.1686	.0929	.0461
	4		.9997	.9935	.9658	.9009	.7940	.6543	.5520	.5005	.3530	.2279	.1334
	5		1	.9991	.9925	.9700	.9198	.8346	.7587	.7159	.5744	.4268	.2905
13	6			.9999	.9987	.9930	.9757	.9376	.8965	.8705	.7712	.6437	.5000
	7			1	.9998	.9988	.9944	.9818	.9653	.9538	.9023	.8212	.7095
	8				1	.9998	.9990	.9960	.9912	.9874	.9679	.9302	.8666
	9					1	.9999	.9993	.9984	.9975	.9922	.9797	.9539
	10						1	.9999	.9998	.9997	.9987	.9959	.9888
	11							1	1	1	.9999	.9995	.9983
	12										1	1	.9999
	13												1

$$\text{Binomial } B(n,p): \quad F(k) = \sum_{i=0}^{k} \binom{n}{i} p^i q^{n-i}$$

n	k	0.01	0.05	0.10	0.15	0.20	0.25	0.30	1/3	0.35	0.40	0.45	0.50
	0	.8687	.4877	.2288	.1028	.0440	.0178	.0068	.0034	.0024	.0008	.0002	.0001
	1	.9916	.8470	.5846	.3567	.1979	.1010	.0475	.0274	.0205	.0081	.0029	.0009
	2	.9997	.9699	.8416	.6479	.4481	.2811	.1608	.1053	.0839	.0398	.0170	.0065
	3	1	.9958	.9559	.8535	.6982	.5213	.3552	.2612	.2205	.1243	.0632	.0287
	4		.9996	.9908	.9533	.8702	.7415	.5842	.4755	.4227	.2793	.1672	.0898
	5		1	.9985	.9885	.9561	.8883	.7805	.6898	.6405	.4859	.3373	.2120
	6			.9998	.9978	.9884	.9617	.9067	.8505	.8164	.6925	.5461	.3953
14	7			1	.9997	.9976	.9897	.9685	.9424	.9247	.8499	.7414	.6047
	8				1	.9996	.9978	.9917	.9826	.9757	.9417	.8811	.7880
	9					1	.9997	.9983	.9960	.9940	.9825	.9574	.9102
	10						1	.9998	.9993	.9989	.9961	.9886	.9713
	11							1	.9999	.9999	.9994	.9978	.9935
	12								1	1	.9999	.9997	.9991
	13										1	1	.9999
	14												1
	0	.8601	.4633	.2059	.0874	.0352	.0134	.0047	.0023	.0016	.0005	.0001	.0000
	1	.9904	.8290	.5490	.3186	.1671	.0802	.0353	.0194	.0142	.0052	.0017	.0005
	2	.9996	.9638	.8159	.6042	.3980	.2361	.1268	.0794	.0617	.0271	.0107	.0037
	3	1	.9945	.9444	.8227	.6482	.4613	.2969	.2092	.1727	.0905	.0424	.0176
	4		.9994	.9873	.9383	.8358	.6865	.5155	.4041	.3519	.2173	.1204	.0592
	5		.9999	.9978	.9832	.9389	.8516	.7216	.6184	.5643	.4032	.2608	.1509
	6		1	.9997	.9964	.9819	.9434	.8689	.7970	.7548	.6098	.4522	.3036
15	7			1	.9994	.9958	.9827	.9500	.9118	.8868	.7869	.6535	.5000
	8				.9999	.9992	.9958	.9848	.9692	.9578	.9050	.8182	.6964
	9				1	.9999	.9992	.9963	.9915	.9876	.9662	.9231	.8491
	10					1	.9999	.9993	.9982	.9972	.9907	.9745	.9408
	11						1	.9999	.9997	.9995	.9981	.9937	.9824
	12							1	1	.9999	.9997	.9989	.9963
	13									1	1	.9999	.9995
	14											1	1
	0	.8515	.4401	.1853	.0743	.0281	.0100	.0033	.0015	.0010	.0003	.0001	.0000
	1	.9891	.8108	.5147	.2839	.1407	.0635	.0261	.0137	.0098	.0033	.0010	.0003
	2	.9995	.9571	.7892	.5614	.3518	.1971	.0994	.0594	.0451	.0183	.0066	.0021
	3	1	.9930	.9316	.7899	.5981	.4050	.2459	.1659	.1339	.0651	.0281	.0106
	4		.9991	.9830	.9209	.7982	.6302	.4499	.3391	.2892	.1666	.0853	.0384
	5		.9999	.9967	.9765	.9183	.8103	.6598	.5469	.4900	.3288	.1976	.1051
	6		1	.9995	.9944	.9733	.9204	.8247	.7374	.6881	.5272	.3660	.2272
	7			.9999	.9989	.9930	.9729	.9256	.8735	.8406	.7161	.5629	.4018
16													
	8			1	.9998	.9985	.9925	.9743	.9500	.9329	.8577	.7441	.5982
	9				1	.9998	.9984	.9929	.9841	.9771	.9417	.8759	.7728
	10					1	.9997	.9984	.9960	.9938	.9809	.9514	.8949
	11						1	.9997	.9992	.9987	.9951	.9851	.9616
	12							1	.9999	.9998	.9991	.9965	.9894
	13								1	1	.9999	.9994	.9979
	14										1	.9999	.9997
	15											1	1

Binomial $B(n,p)$: $\quad F(k) = \sum_{i=0}^{k} \binom{n}{i} p^i q^{n-i}$

n	k	0.01	0.05	0.10	0.15	0.20	0.25	0.30	1/3	0.35	0.40	0.45	0.50
	0	.8429	.4181	.1668	.0631	.0225	.0075	.0023	.0010	.0007	.0002	.0000	.0000
	1	.9877	.7922	.4818	.2525	.1182	.0501	.0193	.0096	.0067	.0021	.0006	.0001
	2	.9994	.9497	.7618	.5198	.3096	.1637	.0774	.0442	.0327	.0123	.0041	.0012
	3	1	.9912	.9174	.7556	.5489	.3530	.2019	.1304	.1028	.0464	.0184	.0064
	4		.9988	.9779	.9013	.7582	.5739	.3887	.2814	.2348	.1260	.0596	.0245
	5		.9999	.9953	.9681	.8943	.7653	.5968	.4777	.4197	.2639	.1471	.0717
	6		1	.9992	.9917	.9623	.8929	.7752	.6739	.6188	.4478	.2902	.1662
	7			.9999	.9983	.9891	.9598	.8954	.8281	.7872	.6405	.4743	.3145
17													
	8			1	.9997	.9974	.9876	.9597	.9245	.9006	.8011	.6626	.5000
	9				1	.9995	.9969	.9873	.9727	.9617	.9081	.8166	.6855
	10					.9999	.9994	.9968	.9920	.9880	.9652	.9174	.8338
	11					1	.9999	.9993	.9981	.9970	.9894	.9699	.9283
	12						1	.9999	.9997	.9994	.9975	.9914	.9755
	13							1	1	.9999	.9995	.9981	.9936
	14									1	.9999	.9997	.9988
	15										1	1	.9999
	16												1
	0	.8345	.3972	.1501	.0536	.0180	.0056	.0016	.0007	.0004	.0001	.0000	.0000
	1	.9862	.7735	.4503	.2241	.0991	.0395	.0142	.0068	.0046	.0013	.0003	.0001
	2	.9993	.9419	.7338	.4797	.2713	.1353	.0600	.0326	.0236	.0082	.0025	.0007
	3	1	.9891	.9018	.7202	.5010	.3057	.1646	.1017	.0783	.0328	.0120	.0038
	4		.9985	.9718	.8794	.7164	.5187	.3327	.2311	.1886	.0942	.0411	.0154
	5		.9998	.9936	.9581	.8671	.7175	.5344	.4122	.3550	.2088	.1077	.0481
	6		1	.9988	.9882	.9487	.8610	.7217	.6085	.5491	.3743	.2258	.1189
	7			.9998	.9973	.9837	.9431	.8593	.7767	.7283	.5634	.3915	.2403
18													
	8			1	.9995	.9957	.9807	.9404	.8924	.8609	.7368	.5778	.4073
	9				.9999	.9991	.9946	.9790	.9567	.9403	.8653	.7473	.5927
	10				1	.9998	.9988	.9939	.9856	.9788	.9424	.8720	.7597
	11					1	.9998	.9986	.9961	.9938	.9797	.9463	.8811
	12						1	.9997	.9991	.9986	.9942	.9817	.9519
	13							1	.9999	.9997	.9987	.9951	.9846
	14								1	1	.9998	.9990	.9962
	15										1	.9999	.9993
	16											1	.9999
	17												1
	0	.8262	.3774	.1351	.0456	.0144	.0042	.0011	.0005	.0003	.0001	.0000	.0000
	1	.9847	.7547	.4203	.1985	.0829	.0310	.0104	.0047	.0031	.0008	.0002	.0000
	2	.9991	.9335	.7054	.4413	.2369	.1113	.0462	.0240	.0170	.0055	.0015	.0004
	3	1	.9868	.8850	.6841	.4551	.2631	.1332	.0787	.0591	.0230	.0077	.0022
	4		.9980	.9648	.8556	.6733	.4654	.2822	.1879	.1500	.0696	.0280	.0096
	5		.9998	.9914	.9463	.8369	.6678	.4739	.3519	.2968	.1629	.0777	.0318
	6		1	.9983	.9837	.9324	.8251	.6655	.5431	.4812	.3081	.1727	.0835
	7			.9997	.9959	.9767	.9225	.8180	.7207	.6656	.4878	.3169	.1796
19													
	8			1	.9992	.9933	.9713	.9161	.8538	.8145	.6675	.4940	.3238
	9				.9999	.9984	.9911	.9674	.9352	.9125	.8139	.6710	.5000
	10				1	.9997	.9977	.9895	.9759	.9653	.9115	.8159	.6762
	11					1	.9995	.9972	.9926	.9886	.9648	.9129	.8204
	12						.9999	.9994	.9981	.9969	.9884	.9658	.9165
	13						1	.9999	.9996	.9993	.9969	.9891	.9682
	14							1	.9999	.9999	.9994	.9972	.9904
	15								1	1	.9999	.9995	.9978
	16										1	.9999	.9996
	17											1	1

$$\text{Binomial } B(n,p): \quad F(k) = \sum_{i=0}^{k} \binom{n}{i} p^i q^{n-i}$$

n	k	0.01	0.05	0.10	0.15	0.20	0.25	0.30	1/3	0.35	0.40	0.45	0.50
	0	.8179	.3585	.1216	.0388	.0115	.0032	.0008	.0003	.0002	.0000	.0000	.0000
	1	.9831	.7358	.3917	.1756	.0692	.0243	.0076	.0033	.0021	.0005	.0001	.0000
	2	.9990	.9245	.6769	.4049	.2061	.0913	.0355	.0176	.0121	.0036	.0009	.0002
	3	1	.9841	.8670	.6477	.4114	.2252	.1071	.0604	.0444	.0160	.0049	.0013
	4		.9974	.9568	.8298	.6296	.4148	.2375	.1515	.1182	.0510	.0189	.0059
	5		.9997	.9887	.9327	.8042	.6172	.4164	.2972	.2454	.1256	.0553	.0207
	6		1	.9976	.9781	.9133	.7858	.6080	.4793	.4166	.2500	.1299	.0577
	7			.9996	.9941	.9679	.8982	.7723	.6615	.6010	.4159	.2520	.1316
	8			.9999	.9987	.9900	.9591	.8867	.8095	.7624	.5956	.4143	.2517
20													
	9			1	.9998	.9974	.9861	.9520	.9081	.8782	.7553	.5914	.4119
	10				1	.9994	.9961	.9829	.9624	.9468	.8725	.7507	.5881
	11					.9999	.9991	.9949	.9870	.9804	.9435	.8692	.7483
	12					1	.9998	.9987	.9963	.9940	.9790	.9420	.8684
	13						1	.9997	.9991	.9985	.9935	.9786	.9423
	14							1	.9998	.9997	.9984	.9936	.9793
	15								1	1	.9997	.9985	.9941
	16										1	.9997	.9987
	17											1	.9998
	18												1
	0	.8097	.3406	.1094	.0329	.0092	.0024	.0006	.0002	.0001	.0000	.0000	.0000
	1	.9815	.7170	.3647	.1550	.0576	.0190	.0056	.0023	.0014	.0003	.0001	.0000
	2	.9988	.9151	.6484	.3705	.1787	.0745	.0271	.0128	.0086	.0024	.0006	.0001
	3	.9999	.9811	.8480	.6113	.3704	.1917	.0856	.0462	.0331	.0110	.0031	.0007
	4	1	.9968	.9478	.8025	.5860	.3674	.1984	.1212	.0924	.0370	.0126	.0036
	5		.9996	.9856	.9173	.7693	.5666	.3627	.2486	.2009	.0957	.0389	.0133
	6		1	.9967	.9713	.8915	.7436	.5505	.4186	.3567	.2002	.0964	.0392
	7			.9994	.9917	.9569	.8701	.7230	.6008	.5365	.3495	.1971	.0946
	8			.9999	.9980	.9856	.9439	.8523	.7601	.7059	.5237	.3413	.1917
21	9			1	.9996	.9959	.9794	.9324	.8752	.8377	.6914	.5117	.3318
	10				.9999	.9990	.9936	.9736	.9443	.9228	.8256	.6790	.5000
	11				1	.9998	.9983	.9913	.9788	.9687	.9151	.8159	.6682
	12					1	.9996	.9976	.9932	.9892	.9648	.9092	.8083
	13						.9999	.9994	.9982	.9969	.9877	.9621	.9054
	14						1	.9999	.9996	.9993	.9964	.9868	.9608
	15							1	.9999	.9999	.9992	.9963	.9867
	16								1	1	.9998	.9992	.9964
	17										1	.9999	.9993
	18											1	.9999
	19												1

$$\text{Binomial } B(n,p): \quad F(k) = \sum_{i=0}^{k} \binom{n}{i} p^i q^{n-i}$$

n	k	0.01	0.05	0.10	0.15	0.20	0.25	0.30	1/3	0.35	0.40	0.45	0.50
	0	.8016	.3235	.0985	.0280	.0074	.0018	.0004	.0001	.0001	.0000	.0000	.0000
	1	.9798	.6982	.3392	.1367	.0480	.0149	.0041	.0016	.0010	.0002	.0000	.0000
	2	.9987	.9052	.6200	.3382	.1545	.0606	.0207	.0093	.0061	.0016	.0003	.0001
	3	.9999	.9778	.8281	.5752	.3320	.1624	.0681	.0351	.0245	.0076	.0020	.0004
	4	1	.9960	.9379	.7738	.5429	.3235	.1645	.0962	.0716	.0266	.0083	.0022
	5		.9994	.9818	.9001	.7326	.5168	.3134	.2061	.1629	.0722	.0271	.0085
	6		.9999	.9956	.9632	.8670	.6994	.4942	.3620	.3022	.1584	.0705	.0262
	7		1	.9991	.9886	.9439	.8385	.6713	.5401	.4736	.2898	.1518	.0669
	8			.9999	.9970	.9799	.9254	.8135	.7070	.6466	.4540	.2764	.1431
	9			1	.9993	.9939	.9705	.9084	.8369	.7916	.6244	.4350	.2617
22	10				.9999	.9984	.9900	.9613	.9213	.8930	.7720	.6037	.4159
	11				1	.9997	.9971	.9860	.9673	.9526	.8793	.7543	.5841
	12					.9999	.9993	.9957	.9884	.9820	.9449	.8672	.7383
	13					1	.9999	.9989	.9965	.9942	.9785	.9383	.8569
	14						1	.9998	.9991	.9984	.9930	.9757	.9331
	15							1	.9998	.9997	.9981	.9920	.9738
	16								1	.9999	.9996	.9979	.9915
	17									1	.9999	.9995	.9978
	18										1	.9999	.9996
	19											1	.9999
	20												1
	0	.7936	.3074	.0886	.0238	.0059	.0013	.0003	.0001	.0000	.0000	.0000	.0000
	1	.9780	.6794	.3151	.1204	.0398	.0116	.0030	.0011	.0007	.0001	.0000	.0000
	2	.9985	.8948	.5920	.3080	.1332	.0492	.0157	.0067	.0043	.0010	.0002	.0000
	3	.9999	.9742	.8073	.5396	.2965	.1370	.0538	.0265	.0181	.0052	.0012	.0002
	4	1	.9951	.9269	.7440	.5007	.2832	.1356	.0758	.0551	.0190	.0055	.0013
	5		.9992	.9774	.8811	.6947	.4685	.2688	.1695	.1309	.0540	.0186	.0053
	6		.9999	.9942	.9537	.8402	.6537	.4399	.3100	.2534	.1240	.0510	.0173
	7		1	.9988	.9848	.9285	.8037	.6181	.4807	.4136	.2373	.1152	.0466
	8			.9998	.9958	.9727	.9037	.7709	.6514	.5860	.3884	.2203	.1050
	9			1	.9990	.9911	.9592	.8799	.7936	.7408	.5562	.3636	.2024
23	10				.9998	.9975	.9851	.9454	.8931	.8575	.7129	.5278	.3388
	11				1	.9994	.9954	.9786	.9520	.9318	.8364	.6865	.5000
	12					.9999	.9988	.9928	.9814	.9717	.9187	.8164	.6612
	13					1	.9997	.9979	.9938	.9900	.9651	.9063	.7976
	14						.9999	.9995	.9983	.9970	.9872	.9589	.8950
	15						1	.9999	.9996	.9992	.9960	.9847	.9534
	16							1	.9999	.9998	.9990	.9952	.9827
	17								1	1	.9998	.9988	.9947
	18										1	.9998	.9987
	19											1	.9998
	20												1

$$\text{Binomial } B(n,p): \quad F(k) = \sum_{i=0}^{k} \binom{n}{i} p^i q^{n-i}$$

n	k	0.01	0.05	0.10	0.15	0.20	0.25	0.30	1/3	0.35	0.40	0.45	0.50
	0	.7857	.2920	.0798	.0202	.0047	.0010	.0002	.0001	.0000	.0000	.0000	.0000
	1	.9761	.6608	.2925	.1059	.0331	.0090	.0022	.0008	.0005	.0001	.0000	.0000
	2	.9983	.8841	.5643	.2798	.1145	.0398	.0119	.0049	.0030	.0007	.0001	.0000
	3	.9999	.9702	.7857	.5049	.2639	.1150	.0424	.0199	.0133	.0035	.0008	.0001
	4	1	.9940	.9149	.7134	.4599	.2466	.1111	.0594	.0422	.0134	.0036	.0008
	5		.9990	.9723	.8606	.6559	.4222	.2288	.1383	.1044	.0400	.0127	.0033
	6		.9999	.9925	.9428	.8111	.6074	.3886	.2632	.2106	.0960	.0364	.0113
	7		1	.9983	.9801	.9108	.7662	.5647	.4238	.3575	.1919	.0863	.0320
	8			.9997	.9941	.9638	.8787	.7250	.5945	.5257	.3279	.1730	.0758
	9			.9999	.9985	.9874	.9453	.8472	.7462	.6866	.4891	.2991	.1537
24	10			1	.9997	.9962	.9787	.9258	.8599	.8167	.6502	.4539	.2706
	11				.9999	.9990	.9928	.9686	.9323	.9058	.7870	.6151	.4194
	12				1	.9998	.9979	.9885	.9716	.9577	.8857	.7580	.5806
	13					1	.9995	.9964	.9897	.9836	.9465	.8659	.7294
	14						.9999	.9990	.9968	.9945	.9783	.9352	.8463
	15						1	.9998	.9991	.9984	.9925	.9731	.9242
	16							1	.9998	.9996	.9978	.9905	.9680
	17								1	.9999	.9995	.9972	.9887
	18									1	.9999	.9993	.9967
	19										1	.9999	.9992
	20											1	.9999
	21												1
	0	.7778	.2774	.0718	.0172	.0038	.0008	.0001	.0000	.0000	.0000	.0000	.0000
	1	.9742	.6424	.2712	.0931	.0274	.0070	.0016	.0005	.0003	.0001	.0000	.0000
	2	.9980	.8729	.5371	.2537	.0982	.0321	.0090	.0035	.0021	.0004	.0001	.0000
	3	.9999	.9659	.7636	.4711	.2340	.0962	.0332	.0149	.0097	.0024	.0005	.0001
	4	1	.9928	.9020	.6821	.4207	.2137	.0905	.0462	.0320	.0095	.0023	.0005
	5		.9988	.9666	.8385	.6167	.3783	.1935	.1120	.0826	.0294	.0086	.0020
	6		.9998	.9905	.9305	.7800	.5611	.3407	.2215	.1734	.0736	.0258	.0073
	7		1	.9977	.9745	.8909	.7265	.5118	.3703	.3061	.1536	.0639	.0216
	8			.9995	.9920	.9532	.8506	.6769	.5376	.4668	.2735	.1340	.0539
	9			.9999	.9979	.9827	.9287	.8106	.6956	.6303	.4246	.2424	.1148
25	10			1	.9995	.9944	.9703	.9022	.8220	.7712	.5858	.3843	.2122
	11				.9999	.9985	.9893	.9558	.9082	.8746	.7323	.5426	.3450
	12				1	.9996	.9966	.9825	.9585	.9396	.8462	.6937	.5000
	13					.9999	.9991	.9940	.9836	.9745	.9222	.8173	.6550
	14					1	.9998	.9982	.9944	.9907	.9656	.9040	.7878
	15						1	.9995	.9984	.9971	.9868	.9560	.8852
	16							.9999	.9996	.9992	.9957	.9826	.9461
	17							1	.9999	.9998	.9988	.9942	.9784
	18								1	1	.9997	.9984	.9927
	19									1	.9999	.9996	.9980
	20										1	.9999	.9995
	21											1	.9999
	22												1

$$\text{Binomial } B(n,p): \quad F(k) = \sum_{i=0}^{k} \binom{n}{i} p^i q^{n-i}$$

n	k	0.01	0.05	0.10	0.15	0.20	0.25	0.30	1/3	0.35	0.40	0.45	0.50
	0	.7700	.2635	.0646	.0146	.0030	.0006	.0001	.0000	.0000	.0000	.0000	.0000
	1	.9723	.6241	.2513	.0817	.0227	.0055	.0011	.0004	.0002	.0000	.0000	.0000
	2	.9978	.8614	.5105	.2296	.0841	.0258	.0067	.0025	.0015	.0003	.0000	.0000
	3	.9999	.9613	.7409	.4385	.2068	.0802	.0260	.0111	.0070	.0016	.0003	.0000
	4	1	.9915	.8882	.6505	.3833	.1844	.0733	.0358	.0242	.0066	.0015	.0003
	5		.9985	.9601	.8150	.5775	.3371	.1626	.0900	.0649	.0214	.0058	.0012
	6		.9998	.9881	.9167	.7474	.5154	.2965	.1850	.1416	.0559	.0180	.0047
	7		1	.9970	.9679	.8687	.6852	.4605	.3207	.2596	.1216	.0467	.0145
	8			.9994	.9894	.9408	.8195	.6274	.4818	.4106	.2255	.1024	.0378
	9			.9999	.9970	.9768	.9091	.7705	.6429	.5731	.3642	.1936	.0843
	10			1	.9993	.9921	.9599	.8747	.7799	.7219	.5213	.3204	.1635
26	11				.9998	.9977	.9845	.9397	.8795	.8384	.6737	.4713	.2786
	12				1	.9994	.9948	.9745	.9417	.9168	.8007	.6257	.4225
	13					.9999	.9985	.9906	.9752	.9623	.8918	.7617	.5775
	14					1	.9996	.9970	.9908	.9850	.9482	.8650	.7214
	15						.9999	.9991	.9970	.9948	.9783	.9326	.8365
	16						1	.9998	.9992	.9985	.9921	.9707	.9157
	17							1	.9998	.9996	.9975	.9890	.9622
	18								1	.9999	.9993	.9965	.9855
	19									1	.9999	.9991	.9953
	20										1	.9998	.9988
	21											1	.9997
	22												1
	0	.7623	.2503	.0581	.0124	.0024	.0004	.0001	.0000	.0000	.0000	.0000	.0000
	1	.9703	.6061	.2326	.0716	.0187	.0042	.0008	.0003	.0001	.0000	.0000	.0000
	2	.9976	.8495	.4846	.2074	.0718	.0207	.0051	.0018	.0010	.0002	.0000	.0000
	3	.9999	.9563	.7179	.4072	.1823	.0666	.0202	.0082	.0051	.0011	.0002	.0000
	4	1	.9900	.8734	.6187	.3480	.1583	.0591	.0275	.0182	.0046	.0009	.0002
	5		.9981	.9529	.7903	.5387	.2989	.1358	.0719	.0507	.0155	.0038	.0008
	6		.9997	.9853	.9014	.7134	.4708	.2563	.1534	.1148	.0421	.0125	.0030
	7		1	.9961	.9602	.8444	.6427	.4113	.2755	.2183	.0953	.0338	.0096
	8			.9991	.9862	.9263	.7859	.5773	.4281	.3577	.1839	.0774	.0261
	9			.9998	.9958	.9696	.8867	.7276	.5892	.5162	.3087	.1526	.0610
	10			1	.9989	.9890	.9472	.8434	.7342	.6698	.4585	.2633	.1239
	11				.9998	.9965	.9784	.9202	.8463	.7976	.6127	.4034	.2210
27	12				1	.9990	.9922	.9641	.9210	.8894	.7499	.5562	.3506
	13					.9998	.9976	.9857	.9641	.9464	.8553	.7005	.5000
	14					1	.9993	.9950	.9856	.9771	.9257	.8185	.6494
	15						.9998	.9985	.9950	.9914	.9663	.9022	.7790
	16						1	.9996	.9985	.9972	.9866	.9536	.8761
	17							.9999	.9996	.9992	.9954	.9807	.9390
	18							1	.9999	.9998	.9986	.9931	.9739
	19								1	1	.9997	.9979	.9904
	20										.9999	.9995	.9970
	21										1	.9999	.9992
	22											1	.9998
	23												1

$$\text{Binomial } B(n,p): \quad F(k) = \sum_{i=0}^{k} \binom{n}{i} p^i q^{n-i}$$

n	k	0.01	0.05	0.10	0.15	0.20	0.25	0.30	1/3	0.35	0.40	0.45	0.50
	0	.7547	.2378	.0523	.0106	.0019	.0003	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9682	.5883	.2152	.0627	.0155	.0033	.0006	.0002	.0001	.0000	.0000	.0000
	2	.9973	.8373	.4594	.1871	.0612	.0166	.0038	.0013	.0007	.0001	.0000	.0000
	3	.9998	.9509	.6946	.3772	.1602	.0551	.0157	.0061	.0037	.0007	.0001	.0000
	4	1	.9883	.8579	.5869	.3149	.1354	.0474	.0211	.0136	.0032	.0006	.0001
	5		.9977	.9450	.7646	.5005	.2638	.1128	.0571	.0393	.0111	.0025	.0005
	6		.9996	.9821	.8848	.6784	.4279	.2202	.1262	.0923	.0315	.0086	.0019
	7		1	.9950	.9514	.8182	.5997	.3648	.2348	.1821	.0740	.0242	.0063
	8			.9988	.9823	.9100	.7501	.5275	.3772	.3089	.1485	.0578	.0178
	9			.9998	.9944	.9609	.8615	.6825	.5355	.4607	.2588	.1187	.0436
	10			1	.9985	.9851	.9321	.8087	.6859	.6160	.3986	.2135	.0925
	11				.9996	.9950	.9706	.8972	.8089	.7529	.5510	.3404	.1725
	12				.9999	.9985	.9888	.9509	.8961	.8572	.6950	.4875	.2858
28	13				1	.9996	.9962	.9792	.9497	.9264	.8132	.6356	.4253
	14					.9999	.9989	.9923	.9784	.9663	.8975	.7654	.5747
	15					1	.9997	.9975	.9918	.9864	.9501	.8645	.7142
	16						.9999	.9993	.9973	.9952	.9785	.9304	.8275
	17						1	.9998	.9992	.9985	.9919	.9685	.9075
	18							1	.9998	.9996	.9973	.9875	.9564
	19								1	.9999	.9992	.9957	.9822
	20									1	.9998	.9988	.9937
	21										1	.9997	.9981
	22											.9999	.9995
	23											1	.9999
	24												1
	0	.7472	.2259	.0471	.0090	.0015	.0002	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9660	.5708	.1989	.0549	.0128	.0025	.0004	.0001	.0001	.0000	.0000	.0000
	2	.9970	.8249	.4350	.1684	.0520	.0133	.0028	.0009	.0005	.0001	.0000	.0000
	3	.9998	.9452	.6710	.3487	.1404	.0455	.0121	.0045	.0026	.0005	.0001	.0000
	4	1	.9864	.8416	.5555	.2839	.1153	.0379	.0161	.0101	.0022	.0004	.0001
	5		.9973	.9363	.7379	.4634	.2317	.0932	.0451	.0303	.0080	.0017	.0003
	6		.9995	.9784	.8667	.6429	.3868	.1880	.1032	.0738	.0233	.0059	.0012
	7		.9999	.9938	.9414	.7903	.5568	.3214	.1986	.1507	.0570	.0172	.0041
	8		1	.9984	.9777	.8916	.7125	.4787	.3297	.2645	.1187	.0427	.0121
	9			.9997	.9926	.9507	.8337	.6360	.4827	.4076	.2147	.0913	.0307
	10			.9999	.9978	.9803	.9145	.7708	.6358	.5617	.3427	.1708	.0680
	11			1	.9995	.9931	.9610	.8706	.7679	.7050	.4900	.2833	.1325
	12				.9999	.9978	.9842	.9348	.8670	.8207	.6374	.4213	.2291
29	13				1	.9994	.9944	.9707	.9318	.9022	.7659	.5689	.3555
	14					.9999	.9982	.9883	.9689	.9524	.8638	.7070	.5000
	15					1	.9995	.9959	.9874	.9794	.9290	.8199	.6445
	16						.9999	.9987	.9955	.9921	.9671	.9008	.7709
	17						1	.9997	.9986	.9973	.9865	.9514	.8675
	18							.9999	.9996	.9992	.9951	.9790	.9320
	19							1	.9999	.9998	.9985	.9920	.9693
	20								1	1	.9996	.9974	.9879
	21										.9999	.9993	.9959
	22										1	.9998	.9988
	23											1	.9997
	24												.9999
	25												1

$$\text{Binomial } B(n,p): \quad F(k) = \sum_{i=0}^{k} \binom{n}{i} p^i q^{n-i}$$

n	k	0.01	0.05	0.10	0.15	0.20	0.25	0.30	1/3	0.35	0.40	0.45	0.50
	0	.7397	.2146	.0424	.0076	.0012	.0002	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9639	.5535	.1837	.0480	.0105	.0020	.0003	.0001	.0000	.0000	.0000	.0000
	2	.9967	.8122	.4114	.1514	.0442	.0106	.0021	.0007	.0003	.0000	.0000	.0000
	3	.9998	.9392	.6474	.3217	.1227	.0374	.0093	.0033	.0019	.0003	.0000	.0000
	4	1	.9844	.8245	.5245	.2552	.0979	.0302	.0122	.0075	.0015	.0002	.0000
	5		.9967	.9268	.7106	.4275	.2026	.0766	.0355	.0233	.0057	.0011	.0002
	6		.9994	.9742	.8474	.6070	.3481	.1595	.0838	.0586	.0172	.0040	.0007
	7		.9999	.9922	.9302	.7608	.5143	.2814	.1668	.1238	.0435	.0121	.0026
	8		1	.9980	.9722	.8713	.6736	.4315	.2860	.2247	.0940	.0312	.0081
	9			.9995	.9903	.9389	.8034	.5888	.4317	.3575	.1763	.0694	.0214
	10			.9999	.9971	.9744	.8943	.7304	.5848	.5078	.2915	.1350	.0494
	11			1	.9992	.9905	.9493	.8407	.7239	.6548	.4311	.2327	.1002
	12				.9998	.9969	.9784	.9155	.8340	.7802	.5785	.3592	.1808
30	13				1	.9991	.9918	.9599	.9102	.8737	.7145	.5025	.2923
	14					.9998	.9973	.9831	.9565	.9348	.8246	.6448	.4278
	15					.9999	.9992	.9936	.9812	.9699	.9029	.7691	.5722
	16					1	.9998	.9979	.9928	.9876	.9519	.8644	.7077
	17						.9999	.9994	.9975	.9955	.9788	.9286	.8192
	18						1	.9998	.9993	.9986	.9917	.9666	.8998
	19							1	.9998	.9996	.9971	.9862	.9506
	20								1	.9999	.9991	.9950	.9786
	21									1	.9998	.9984	.9919
	22										1	.9996	.9974
	23											.9999	.9993
	24											1	.9998
	25												1

$$\text{Poisson } P(\lambda) : F(k) = \sum_{i=0}^{k} \mathrm{e}^{-\lambda} \frac{\lambda^i}{i!}$$

k / λ	**0.1**	**0.2**	**0.3**	**0.4**	**0.5**	**0.6**	**0.7**	**0.8**	**0.9**	**1**
0	.9048	.8187	.7408	.6703	.6065	.5488	.4966	.4493	.4066	.3679
1	.9953	.9825	.9631	.9384	.9098	.8781	.8442	.8088	.7725	.7358
2	.9998	.9989	.9964	.9921	.9856	.9769	.9659	.9526	.9371	.9197
3	1	.9999	.9997	.9992	.9982	.9966	.9942	.9909	.9865	.9810
4		1	1	.9999	.9998	.9996	.9992	.9986	.9977	.9963
5				1	1	1	.9999	.9998	.9997	.9994
6							1	1	1	.9999
7										1
k / λ	**1.1**	**1.2**	**1.3**	**1.4**	**1.5**	**1.6**	**1.7**	**1.8**	**1.9**	**2**
0	.3329	.3012	.2725	.2466	.2231	.2019	.1827	.1653	.1496	.1353
1	.6990	.6626	.6268	.5918	.5578	.5249	.4932	.4628	.4337	.4060
2	.9004	.8795	.8571	.8335	.8088	.7834	.7572	.7306	.7037	.6767
3	.9743	.9662	.9569	.9463	.9344	.9212	.9068	.8913	.8747	.8571
4	.9946	.9923	.9893	.9857	.9814	.9763	.9704	.9636	.9559	.9473
5	.9990	.9985	.9978	.9968	.9955	.9940	.9920	.9896	.9868	.9834
6	.9999	.9997	.9996	.9994	.9991	.9987	.9981	.9974	.9966	.9955
7	1	1	.9999	.9999	.9998	.9997	.9996	.9994	.9992	.9989
8			1	1	1	1	.9999	.9999	.9998	.9998
9							1	1	1	1
k / λ	**2.1**	**2.2**	**2.3**	**2.4**	**2.5**	**2.6**	**2.7**	**2.8**	**2.9**	**3**
0	.1225	.1108	.1003	.0907	.0821	.0743	.0672	.0608	.0550	.0498
1	.3796	.3546	.3309	.3084	.2873	.2674	.2487	.2311	.2146	.1991
2	.6496	.6227	.5960	.5697	.5438	.5184	.4936	.4695	.4460	.4232
3	.8386	.8194	.7993	.7787	.7576	.7360	.7141	.6919	.6696	.6472
4	.9379	.9275	.9162	.9041	.8912	.8774	.8629	.8477	.8318	.8153
5	.9796	.9751	.9700	.9643	.9580	.9510	.9433	.9349	.9258	.9161
6	.9941	.9925	.9906	.9884	.9858	.9828	.9794	.9756	.9713	.9665
7	.9985	.9980	.9974	.9967	.9958	.9947	.9934	.9919	.9901	.9881
8	.9997	.9995	.9994	.9991	.9989	.9985	.9981	.9976	.9969	.9962
9	.9999	.9999	.9999	.9998	.9997	.9996	.9995	.9993	.9991	.9989
10	1	1	1	1	.9999	.9999	.9999	.9998	.9998	.9997
11					1	1	1	1	.9999	.9999
12									1	1
k / λ	**3.1**	**3.2**	**3.3**	**3.4**	**3.5**	**3.6**	**3.7**	**3.8**	**3.9**	**4**
0	.0450	.0408	.0369	.0334	.0302	.0273	.0247	.0224	.0202	.0183
1	.1847	.1712	.1586	.1468	.1359	.1257	.1162	.1074	.0992	.0916
2	.4012	.3799	.3594	.3397	.3208	.3027	.2854	.2689	.2531	.2381
3	.6248	.6025	.5803	.5584	.5366	.5152	.4942	.4735	.4532	.4335
4	.7982	.7806	.7626	.7442	.7254	.7064	.6872	.6678	.6484	.6288
5	.9057	.8946	.8829	.8705	.8576	.8441	.8301	.8156	.8006	.7851
6	.9612	.9554	.9490	.9421	.9347	.9267	.9182	.9091	.8995	.8893
7	.9858	.9832	.9802	.9769	.9733	.9692	.9648	.9599	.9546	.9489
8	.9953	.9943	.9931	.9917	.9901	.9883	.9863	.9840	.9815	.9786
9	.9986	.9982	.9978	.9973	.9967	.9960	.9952	.9942	.9931	.9919
10	.9996	.9995	.9994	.9992	.9990	.9987	.9984	.9981	.9977	.9972
11	.9999	.9999	.9998	.9998	.9997	.9996	.9995	.9994	.9993	.9991
12	1	1	1	.9999	.9999	.9999	.9999	.9998	.9998	.9997
13				1	1	1	1	1	.9999	.9999
14									1	1

$$\text{Poisson } P(\lambda) : F(k) = \sum_{i=0}^{k} \mathrm{e}^{-\lambda} \frac{\lambda^i}{i!}$$

k / λ	**4.1**	**4.2**	**4.3**	**4.4**	**4.5**	**4.6**	**4.7**	**4.8**	**4.9**	**5**
0	.0166	.0150	.0136	.0123	.0111	.0101	.0091	.0082	.0074	.0067
1	.0845	.0780	.0719	.0663	.0611	.0563	.0518	.0477	.0439	.0404
2	.2238	.2102	.1974	.1851	.1736	.1626	.1523	.1425	.1333	.1247
3	.4142	.3954	.3772	.3594	.3423	.3257	.3097	.2942	.2793	.2650
4	.6093	.5898	.5704	.5512	.5321	.5132	.4946	.4763	.4582	.4405
5	.7693	.7531	.7367	.7199	.7029	.6858	.6684	.6510	.6335	.6160
6	.8786	.8675	.8558	.8436	.8311	.8180	.8046	.7908	.7767	.7622
7	.9427	.9361	.9290	.9214	.9134	.9049	.8960	.8867	.8769	.8666
8	.9755	.9721	.9683	.9642	.9597	.9549	.9497	.9442	.9382	.9319
9	.9905	.9889	.9871	.9851	.9829	.9805	.9778	.9749	.9717	.9682
10	.9966	.9959	.9952	.9943	.9933	.9922	.9910	.9896	.9880	.9863
11	.9989	.9986	.9983	.9980	.9976	.9971	.9966	.9960	.9953	.9945
12	.9997	.9996	.9995	.9993	.9992	.9990	.9988	.9986	.9983	.9980
13	.9999	.9999	.9998	.9998	.9997	.9997	.9996	.9995	.9994	.9993
14	1	1	1	.9999	.9999	.9999	.9999	.9999	.9998	.9998
15				1	1	1	1	1	.9999	.9999
16									1	1

k / λ	**5.1**	**5.2**	**5.3**	**5.4**	**5.5**	**5.6**	**5.7**	**5.8**	**5.9**	**6**
0	.0061	.0055	.0050	.0045	.0041	.0037	.0033	.0030	.0027	.0025
1	.0372	.0342	.0314	.0289	.0266	.0244	.0224	.0206	.0189	.0174
2	.1165	.1088	.1016	.0948	.0884	.0824	.0768	.0715	.0666	.0620
3	.2513	.2381	.2254	.2133	.2017	.1906	.1800	.1700	.1604	.1512
4	.4231	.4061	.3895	.3733	.3575	.3422	.3272	.3127	.2987	.2851
5	.5984	.5809	.5635	.5461	.5289	.5119	.4950	.4783	.4619	.4457
6	.7474	.7324	.7171	.7017	.6860	.6703	.6544	.6384	.6224	.6063
7	.8560	.8449	.8335	.8217	.8095	.7970	.7841	.7710	.7576	.7440
8	.9252	.9181	.9106	.9027	.8944	.8857	.8766	.8672	.8574	.8472
9	.9644	.9603	.9559	.9512	.9462	.9409	.9352	.9292	.9228	.9161
10	.9844	.9823	.9800	.9775	.9747	.9718	.9686	.9651	.9614	.9574
11	.9937	.9927	.9916	.9904	.9890	.9875	.9859	.9841	.9821	.9799
12	.9976	.9972	.9967	.9962	.9955	.9949	.9941	.9932	.9922	.9912
13	.9992	.9990	.9988	.9986	.9983	.9980	.9977	.9973	.9969	.9964
14	.9997	.9997	.9996	.9995	.9994	.9993	.9991	.9990	.9988	.9986
15	.9999	.9999	.9999	.9998	.9998	.9998	.9997	.9996	.9996	.9995
16	1	1	1	.9999	.9999	.9999	.9999	.9999	.9999	.9998
17				1	1	1	1	1	1	.9999
18										1

$$\text{Poisson } P(\lambda) : F(k) = \sum_{i=0}^{k} \mathrm{e}^{-\lambda} \frac{\lambda^i}{i!}$$

k / λ	**6.1**	**6.2**	**6.3**	**6.4**	**6.5**	**6.6**	**6.7**	**6.8**	**6.9**	**7**
0	.0022	.0020	.0018	.0017	.0015	.0014	.0012	.0011	.0010	.0009
1	.0159	.0146	.0134	.0123	.0113	.0103	.0095	.0087	.0080	.0073
2	.0577	.0536	.0498	.0463	.0430	.0400	.0371	.0344	.0320	.0296
3	.1425	.1342	.1264	.1189	.1118	.1052	.0988	.0928	.0871	.0818
4	.2719	.2592	.2469	.2351	.2237	.2127	.2022	.1920	.1823	.1730
5	.4298	.4141	.3988	.3837	.3690	.3547	.3406	.3270	.3137	.3007
6	.5902	.5742	.5582	.5423	.5265	.5108	.4953	.4799	.4647	.4497
7	.7301	.7160	.7017	.6873	.6728	.6581	.6433	.6285	.6136	.5987
8	.8367	.8259	.8148	.8033	.7916	.7796	.7673	.7548	.7420	.7291
9	.9090	.9016	.8939	.8858	.8774	.8686	.8596	.8502	.8405	.8305
10	.9531	.9486	.9437	.9386	.9332	.9274	.9214	.9151	.9084	.9015
11	.9776	.9750	.9723	.9693	.9661	.9627	.9591	.9552	.9510	.9467
12	.9900	.9887	.9873	.9857	.9840	.9821	.9801	.9779	.9755	.9730
13	.9958	.9952	.9945	.9937	.9929	.9920	.9909	.9898	.9885	.9872
14	.9984	.9981	.9978	.9974	.9970	.9966	.9961	.9956	.9950	.9943
15	.9994	.9993	.9992	.9990	.9988	.9986	.9984	.9982	.9979	.9976
16	.9998	.9997	.9997	.9996	.9996	.9995	.9994	.9993	.9992	.9990
17	.9999	.9999	.9999	.9999	.9998	.9998	.9998	.9997	.9997	.9996
18	1	1	1	1	.9999	.9999	.9999	.9999	.9999	.9999
19					1	1	1	1	1	1
k / λ	**7.1**	**7.2**	**7.3**	**7.4**	**7.5**	**7.6**	**7.7**	**7.8**	**7.9**	**8**
0	.0008	.0007	.0007	.0006	.0006	.0005	.0005	.0004	.0004	.0003
1	.0067	.0061	.0056	.0051	.0047	.0043	.0039	.0036	.0033	.0030
2	.0275	.0255	.0236	.0219	.0203	.0188	.0174	.0161	.0149	.0138
3	.0767	.0719	.0674	.0632	.0591	.0554	.0518	.0485	.0453	.0424
4	.1641	.1555	.1473	.1395	.1321	.1249	.1181	.1117	.1055	.0996
5	.2881	.2759	.2640	.2526	.2414	.2307	.2203	.2103	.2006	.1912
6	.4349	.4204	.4060	.3920	.3782	.3646	.3514	.3384	.3257	.3134
7	.5838	.5689	.5541	.5393	.5246	.5100	.4956	.4812	.4670	.4530
8	.7160	.7027	.6892	.6757	.6620	.6482	.6343	.6204	.6065	.5925
9	.8202	.8096	.7988	.7877	.7764	.7649	.7531	.7411	.7290	.7166
10	.8942	.8867	.8788	.8707	.8622	.8535	.8445	.8352	.8257	.8159
11	.9420	.9371	.9319	.9265	.9208	.9148	.9085	.9020	.8952	.8881
12	.9703	.9673	.9642	.9609	.9573	.9536	.9496	.9454	.9409	.9362
13	.9857	.9841	.9824	.9805	.9784	.9762	.9739	.9714	.9687	.9658
14	.9935	.9927	.9918	.9908	.9897	.9886	.9873	.9859	.9844	.9827
15	.9972	.9969	.9964	.9959	.9954	.9948	.9941	.9934	.9926	.9918
16	.9989	.9987	.9985	.9983	.9980	.9978	.9974	.9971	.9967	.9963
17	.9996	.9995	.9994	.9993	.9992	.9991	.9989	.9988	.9986	.9984
18	.9998	.9998	.9998	.9997	.9997	.9996	.9996	.9995	.9994	.9993
19	.9999	.9999	.9999	.9999	.9999	.9999	.9998	.9998	.9998	.9997
20	1	1	1	1	1	1	.9999	.9999	.9999	.9999
21							1	1	1	1

$$\text{Poisson } P(\lambda) : F(k) = \sum_{i=0}^{k} \mathrm{e}^{-\lambda} \frac{\lambda^i}{i!}$$

k / λ	**8.1**	**8.2**	**8.3**	**8.4**	**8.5**	**8.6**	**8.7**	**8.8**	**8.9**	**9**
0	.0003	.0003	.0002	.0002	.0002	.0002	.0002	.0002	.0001	.0001
1	.0028	.0025	.0023	.0021	.0019	.0018	.0016	.0015	.0014	.0012
2	.0127	.0118	.0109	.0100	.0093	.0086	.0079	.0073	.0068	.0062
3	.0396	.0370	.0346	.0323	.0301	.0281	.0262	.0244	.0228	.0212
4	.0940	.0887	.0837	.0789	.0744	.0701	.0660	.0621	.0584	.0550
5	.1822	.1736	.1653	.1573	.1496	.1422	.1352	.1284	.1219	.1157
6	.3013	.2896	.2781	.2670	.2562	.2457	.2355	.2256	.2160	.2068
7	.4391	.4254	.4119	.3987	.3856	.3728	.3602	.3478	.3357	.3239
8	.5786	.5647	.5507	.5369	.5231	.5094	.4958	.4823	.4689	.4557
9	.7041	.6915	.6788	.6659	.6530	.6400	.6269	.6137	.6006	.5874
10	.8058	.7955	.7850	.7743	.7634	.7522	.7409	.7294	.7178	.7060
11	.8807	.8731	.8652	.8571	.8487	.8400	.8311	.8220	.8126	.8030
12	.9313	.9261	.9207	.9150	.9091	.9029	.8965	.8898	.8829	.8758
13	.9628	.9595	.9561	.9524	.9486	.9445	.9403	.9358	.9311	.9261
14	.9810	.9791	.9771	.9749	.9726	.9701	.9675	.9647	.9617	.9585
15	.9908	.9898	.9887	.9875	.9862	.9848	.9832	.9816	.9798	.9780
16	.9958	.9953	.9947	.9941	.9934	.9926	.9918	.9909	.9899	.9889
17	.9982	.9979	.9977	.9973	.9970	.9966	.9962	.9957	.9952	.9947
18	.9992	.9991	.9990	.9989	.9987	.9985	.9983	.9981	.9978	.9976
19	.9997	.9997	.9996	.9995	.9995	.9994	.9993	.9992	.9991	.9989
20	.9999	.9999	.9998	.9998	.9998	.9998	.9997	.9997	.9996	.9996
21	1	1	.9999	.9999	.9999	.9999	.9999	.9999	.9998	.9998
22			1	1	1	1	1	1	.9999	.9999
23									1	1

k / λ	**9.1**	**9.2**	**9.3**	**9.4**	**9.5**	**9.6**	**9.7**	**9.8**	**9.9**	**10**
0	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0000
1	.0011	.0010	.0009	.0009	.0008	.0007	.0007	.0006	.0005	.0005
2	.0058	.0053	.0049	.0045	.0042	.0038	.0035	.0033	.0030	.0028
3	.0198	.0184	.0172	.0160	.0149	.0138	.0129	.0120	.0111	.0103
4	.0517	.0486	.0456	.0429	.0403	.0378	.0355	.0333	.0312	.0293
5	.1098	.1041	.0986	.0935	.0885	.0838	.0793	.0750	.0710	.0671
6	.1978	.1892	.1808	.1727	.1649	.1574	.1502	.1433	.1366	.1301
7	.3123	.3010	.2900	.2792	.2687	.2584	.2485	.2388	.2294	.2202
8	.4426	.4296	.4168	.4042	.3918	.3796	.3676	.3558	.3442	.3328
9	.5742	.5611	.5479	.5349	.5218	.5089	.4960	.4832	.4705	.4579
10	.6941	.6820	.6699	.6576	.6453	.6329	.6205	.6080	.5955	.5830
11	.7932	.7832	.7730	.7626	.7520	.7412	.7303	.7193	.7081	.6968
12	.8684	.8607	.8529	.8448	.8364	.8279	.8191	.8101	.8009	.7916
13	.9210	.9156	.9100	.9042	.8981	.8919	.8853	.8786	.8716	.8645
14	.9552	.9517	.9480	.9441	.9400	.9357	.9312	.9265	.9216	.9165
15	.9760	.9738	.9715	.9691	.9665	.9638	.9609	.9579	.9546	.9513
16	.9878	.9865	.9852	.9838	.9823	.9806	.9789	.9770	.9751	.9730
17	.9941	.9934	.9927	.9919	.9911	.9902	.9892	.9881	.9870	.9857
18	.9973	.9969	.9966	.9962	.9957	.9952	.9947	.9941	.9935	.9928
19	.9988	.9986	.9985	.9983	.9980	.9978	.9975	.9972	.9969	.9965
20	.9995	.9994	.9993	.9992	.9991	.9990	.9989	.9987	.9986	.9984
21	.9998	.9998	.9997	.9997	.9996	.9996	.9995	.9995	.9994	.9993
22	.9999	.9999	.9999	.9999	.9999	.9998	.9998	.9998	.9997	.9997
23	1	1	1	1	.9999	.9999	.9999	.9999	.9999	.9999
24					1	1	1	1	1	1

$$\text{Poisson } P(\lambda) : F(k) = \sum_{i=0}^{k} \mathrm{e}^{-\lambda} \frac{\lambda^i}{i!}$$

k / λ	**10.1**	**10.2**	**10.3**	**10.4**	**10.5**	**10.6**	**10.7**	**10.8**	**10.9**	**11**
0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.0005	.0004	.0004	.0003	.0003	.0003	.0003	.0002	.0002	.0002
2	.0026	.0023	.0022	.0020	.0018	.0017	.0016	.0014	.0013	.0012
3	.0096	.0089	.0083	.0077	.0071	.0066	.0062	.0057	.0053	.0049
4	.0274	.0257	.0241	.0225	.0211	.0197	.0185	.0173	.0162	.0151
5	.0634	.0599	.0566	.0534	.0504	.0475	.0448	.0423	.0398	.0375
6	.1240	.1180	.1123	.1069	.1016	.0966	.0918	.0872	.0828	.0786
7	.2113	.2027	.1944	.1863	.1785	.1710	.1636	.1566	.1498	.1432
8	.3217	.3108	.3001	.2896	.2794	.2694	.2597	.2502	.2410	.2320
9	.4455	.4332	.4210	.4090	.3971	.3854	.3739	.3626	.3515	.3405
10	.5705	.5580	.5456	.5331	.5207	.5084	.4961	.4840	.4719	.4599
11	.6853	.6738	.6622	.6505	.6387	.6269	.6150	.6031	.5912	.5793
12	.7820	.7722	.7623	.7522	.7420	.7316	.7210	.7104	.6996	.6887
13	.8571	.8494	.8416	.8336	.8253	.8169	.8083	.7995	.7905	.7813
14	.9112	.9057	.9000	.8940	.8879	.8815	.8750	.8682	.8612	.8540
15	.9477	.9440	.9400	.9359	.9317	.9272	.9225	.9177	.9126	.9074
16	.9707	.9684	.9658	.9632	.9604	.9574	.9543	.9511	.9477	.9441
17	.9844	.9830	.9815	.9799	.9781	.9763	.9744	.9723	.9701	.9678
18	.9921	.9913	.9904	.9895	.9885	.9874	.9863	.9850	.9837	.9823
19	.9962	.9957	.9953	.9948	.9942	.9936	.9930	.9923	.9915	.9907
20	.9982	.9980	.9978	.9975	.9972	.9969	.9966	.9962	.9958	.9953
21	.9992	.9991	.9990	.9989	.9987	.9986	.9984	.9982	.9980	.9977
22	.9997	.9996	.9996	.9995	.9994	.9994	.9993	.9992	.9991	.9990
23	.9999	.9998	.9998	.9998	.9998	.9997	.9997	.9996	.9996	.9995
24	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9998	.9998	.9998
25	1	1	1	1	1	1	.9999	.9999	.9999	.9999
26							1	1	1	1

$$\text{Poisson } P(\lambda) : F(k) = \sum_{i=0}^{k} \mathrm{e}^{-\lambda} \frac{\lambda^i}{i!}$$

k / λ	12	13	14	15	16	17	18	19	20	21
0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
2	.0005	.0002	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
3	.0023	.0011	.0005	.0002	.0001	.0000	.0000	.0000	.0000	.0000
4	.0076	.0037	.0018	.0009	.0004	.0002	.0001	.0000	.0000	.0000
5	.0203	.0107	.0055	.0028	.0014	.0007	.0003	.0002	.0001	.0000
6	.0458	.0259	.0142	.0076	.0040	.0021	.0010	.0005	.0003	.0001
7	.0895	.0540	.0316	.0180	.0100	.0054	.0029	.0015	.0008	.0004
8	.1550	.0998	.0621	.0374	.0220	.0126	.0071	.0039	.0021	.0011
9	.2424	.1658	.1094	.0699	.0433	.0261	.0154	.0089	.0050	.0028
10	.3472	.2517	.1757	.1185	.0774	.0491	.0304	.0183	.0108	.0063
11	.4616	.3532	.2600	.1848	.1270	.0847	.0549	.0347	.0214	.0129
12	.5760	.4631	.3585	.2676	.1931	.1350	.0917	.0606	.0390	.0245
13	.6815	.5730	.4644	.3632	.2745	.2009	.1426	.0984	.0661	.0434
14	.7720	.6751	.5704	.4657	.3675	.2808	.2081	.1497	.1049	.0716
15	.8444	.7636	.6694	.5681	.4667	.3715	.2867	.2148	.1565	.1111
16	.8987	.8355	.7559	.6641	.5660	.4677	.3751	.2920	.2211	.1629
17	.9370	.8905	.8272	.7489	.6593	.5640	.4686	.3784	.2970	.2270
18	.9626	.9302	.8826	.8195	.7423	.6550	.5622	.4695	.3814	.3017
19	.9787	.9573	.9235	.8752	.8122	.7363	.6509	.5606	.4703	.3843
20	.9884	.9750	.9521	.9170	.8682	.8055	.7307	.6472	.5591	.4710
21	.9939	.9859	.9712	.9469	.9108	.8615	.7991	.7255	.6437	.5577
22	.9970	.9924	.9833	.9673	.9418	.9047	.8551	.7931	.7206	.6405
23	.9985	.9960	.9907	.9805	.9633	.9367	.8989	.8490	.7875	.7160
24	.9993	.9980	.9950	.9888	.9777	.9594	.9317	.8933	.8432	.7822
25	.9997	.9990	.9974	.9938	.9869	.9748	.9554	.9269	.8878	.8377
26	.9999	.9995	.9987	.9967	.9925	.9848	.9718	.9514	.9221	.8826
27	.9999	.9998	.9994	.9983	.9959	.9912	.9827	.9687	.9475	.9175
28	1	.9999	.9997	.9991	.9978	.9950	.9897	.9805	.9657	.9436
29		1	.9999	.9996	.9989	.9973	.9941	.9882	.9782	.9626
30			.9999	.9998	.9994	.9986	.9967	.9930	.9865	.9758
31			1	.9999	.9997	.9993	.9982	.9960	.9919	.9848
32				1	.9999	.9996	.9990	.9978	.9953	.9907
33					.9999	.9998	.9995	.9988	.9973	.9945
34					1	.9999	.9998	.9994	.9985	.9968
35						1	.9999	.9997	.9992	.9982
36							.9999	.9998	.9996	.9990
37							1	.9999	.9998	.9995
38								1	.9999	.9997
39									.9999	.9999
40									1	.9999
41										1

Normal $N(0,1)$: $\quad \Phi(z) = \int_{-\infty}^{z} \frac{1}{\sqrt{2\pi}} \mathrm{e}^{-\frac{1}{2}x^2}\, dx$

z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	.5000	.5040	.5080	.5120	.5160	.5199	.5239	.5279	.5319	.5359
0.1	.5398	.5438	.5478	.5517	.5557	.5596	.5636	.5675	.5714	.5753
0.2	.5793	.5832	.5871	.5910	.5948	.5987	.6026	.6064	.6103	.6141
0.3	.6179	.6217	.6255	.6293	.6331	.6368	.6406	.6443	.6480	.6517
0.4	.6554	.6591	.6628	.6664	.6700	.6736	.6772	.6808	.6844	.6879
0.5	.6915	.6950	.6985	.7019	.7054	.7088	.7123	.7157	.7190	.7224
0.6	.7257	.7291	.7324	.7357	.7389	.7422	.7454	.7486	.7517	.7549
0.7	.7580	.7611	.7642	.7673	.7704	.7734	.7764	.7794	.7823	.7852
0.8	.7881	.7910	.7939	.7967	.7995	.8023	.8051	.8078	.8106	.8133
0.9	.8159	.8186	.8212	.8238	.8264	.8289	.8315	.8340	.8365	.8389
1.0	.8413	.8438	.8461	.8485	.8508	.8531	.8554	.8577	.8599	.8621
1.1	.8643	.8665	.8686	.8708	.8729	.8749	.8770	.8790	.8810	.8830
1.2	.8849	.8869	.8888	.8907	.8925	.8944	.8962	.8980	.8997	.9015
1.3	.9032	.9049	.9066	.9082	.9099	.9115	.9131	.9147	.9162	.9177
1.4	.9192	.9207	.9222	.9236	.9251	.9265	.9279	.9292	.9306	.9319
1.5	.9332	.9345	.9357	.9370	.9382	.9394	.9406	.9418	.9429	.9441
1.6	.9452	.9463	.9474	.9484	.9495	.9505	.9515	.9525	.9535	.9545
1.7	.9554	.9564	.9573	.9582	.9591	.9599	.9608	.9616	.9625	.9633
1.8	.9641	.9649	.9656	.9664	.9671	.9678	.9686	.9693	.9699	.9706
1.9	.9713	.9719	.9726	.9732	.9738	.9744	.9750	.9756	.9761	.9767
2.0	.9772	.9778	.9783	.9788	.9793	.9798	.9803	.9808	.9812	.9817
2.1	.9821	.9826	.9830	.9834	.9838	.9842	.9846	.9850	.9854	.9857
2.2	.9861	.9864	.9868	.9871	.9875	.9878	.9881	.9884	.9887	.9890
2.3	.9893	.9896	.9898	.9901	.9904	.9906	.9909	.9911	.9913	.9916
2.4	.9918	.9920	.9922	.9925	.9927	.9929	.9931	.9932	.9934	.9936
2.5	.9938	.9940	.9941	.9943	.9945	.9946	.9948	.9949	.9951	.9952
2.6	.9953	.9955	.9956	.9957	.9959	.9960	.9961	.9962	.9963	.9964
2.7	.9965	.9966	.9967	.9968	.9969	.9970	.9971	.9972	.9973	.9974
2.8	.9974	.9975	.9976	.9977	.9977	.9978	.9979	.9979	.9980	.9981
2.9	.9981	.9982	.9982	.9983	.9984	.9984	.9985	.9985	.9986	.9986
3.0	.9987	.9987	.9987	.9988	.9988	.9989	.9989	.9989	.9990	.9990
3.1	$.9^3 03$	$.9^3 06$	$.9^3 10$	$.9^3 13$	$.9^3 16$	$.9^3 18$	$.9^3 21$	$.9^3 24$	$.9^3 26$	$.9^3 29$
3.2	$.9^3 31$	$.9^3 34$	$.9^3 36$	$.9^3 38$	$.9^3 40$	$.9^3 42$	$.9^3 44$	$.9^3 46$	$.9^3 48$	$.9^3 50$
3.3	$.9^3 52$	$.9^3 53$	$.9^3 55$	$.9^3 57$	$.9^3 58$	$.9^3 60$	$.9^3 61$	$.9^3 62$	$.9^3 64$	$.9^3 65$
3.4	$.9^3 66$	$.9^3 68$	$.9^3 69$	$.9^3 70$	$.9^3 71$	$.9^3 72$	$.9^3 73$	$.9^3 74$	$.9^3 75$	$.9^3 76$
3.5	$.9^3 77$	$.9^3 78$	$.9^3 78$	$.9^3 79$	$.9^3 80$	$.9^3 81$	$.9^3 81$	$.9^3 82$	$.9^3 83$	$.9^3 83$
3.6	$.9^3 84$	$.9^3 85$	$.9^3 85$	$.9^3 86$	$.9^3 86$	$.9^3 87$	$.9^3 87$	$.9^3 88$	$.9^3 88$	$.9^3 89$
3.7	$.9^3 89$	$.9^3 90$	$.9^4 00$	$.9^4 04$	$.9^4 08$	$.9^4 12$	$.9^4 15$	$.9^4 18$	$.9^4 22$	$.9^4 25$
3.8	$.9^4 28$	$.9^4 31$	$.9^4 33$	$.9^4 36$	$.9^4 38$	$.9^4 41$	$.9^4 43$	$.9^4 46$	$.9^4 48$	$.9^4 50$
3.9	$.9^4 52$	$.9^4 54$	$.9^4 56$	$.9^4 58$	$.9^4 59$	$.9^4 61$	$.9^4 63$	$.9^4 64$	$.9^4 66$	$.9^4 67$
4.0	$.9^4 68$	$.9^4 70$	$.9^4 71$	$.9^4 72$	$.9^4 73$	$.9^4 74$	$.9^4 75$	$.9^4 76$	$.9^4 77$	$.9^4 78$

Normal $N(0,1)$: $\quad \Phi(z) = \int_{-\infty}^{z} \frac{1}{\sqrt{2\pi}}\, \mathrm{e}^{-\frac{1}{2}x^2}\, dx$

z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	.500000	.503989	.507978	.511966	.515953	.519939	.523922	.527903	.531881	.535856
0.1	.539828	.543795	.547758	.551717	.555670	.559618	.563559	.567495	.571424	.575345
0.2	.579260	.583166	.587064	.590954	.594835	.598706	.602568	.606420	.610261	.614092
0.3	.617911	.621720	.625516	.629300	.633072	.636831	.640576	.644309	.648027	.651732
0.4	.655422	.659097	.662757	.666402	.670031	.673645	.677242	.680822	.684386	.687933
0.5	.691462	.694974	.698468	.701944	.705401	.708840	.712260	.715661	.719043	.722405
0.6	.725747	.729069	.732371	.735653	.738914	.742154	.745373	.748571	.751748	.754903
0.7	.758036	.761148	.764238	.767305	.770350	.773373	.776373	.779350	.782305	.785236
0.8	.788145	.791030	.793892	.796731	.799546	.802337	.805105	.807850	.810570	.813267
0.9	.815940	.818589	.821214	.823814	.826391	.828944	.831472	.833977	.836457	.838913
1.0	.841345	.843752	.846136	.848495	.850830	.853141	.855428	.857690	.859929	.862143
1.1	.864334	.866500	.868643	.870762	.872857	.874928	.876976	.879000	.881000	.882977
1.2	.884930	.886861	.888768	.890651	.892512	.894350	.896165	.897958	.899727	.901475
1.3	.903200	.904902	.906582	.908241	.909877	.911492	.913085	.914657	.916207	.917736
1.4	.919243	.920730	.922196	.923641	.925066	.926471	.927855	.929219	.930563	.931888
1.5	.933193	.934478	.935745	.936992	.938220	.939429	.940620	.941792	.942947	.944083
1.6	.945201	.946301	.947384	.948449	.949497	.950529	.951543	.952540	.953521	.954486
1.7	.955435	.956367	.957284	.958185	.959070	.959941	.960796	.961636	.962462	.963273
1.8	.964070	.964852	.965620	.966375	.967116	.967843	.968557	.969258	.969946	.970621
1.9	.971283	.971933	.972571	.973197	.973810	.974412	.975002	.975581	.976148	.976705
2.0	.977250	.977784	.978308	.978822	.979325	.979818	.980301	.980774	.981237	.981691
2.1	.982136	.982571	.982997	.983414	.983823	.984222	.984614	.984997	.985371	.985738
2.2	.986097	.986447	.986791	.987126	.987455	.987776	.988089	.988396	.988696	.988989
2.3	.989276	.989556	.989830	.990097	.990358	.990613	.990863	.991106	.991344	.991576
2.4	.991802	.992024	.992240	.992451	.992656	.992857	.993053	.993244	.993431	.993613
2.5	.993790	.993963	.994132	.994297	.994457	.994614	.994766	.994915	.995060	.995201
2.6	.995339	.995473	.995604	.995731	.995855	.995975	.996093	.996207	.996319	.996427
2.7	.996533	.996636	.996736	.996833	.996928	.997020	.997110	.997197	.997282	.997365
2.8	.997445	.997523	.997599	.997673	.997744	.997814	.997882	.997948	.998012	.998074
2.9	.998134	.998193	.998250	.998305	.998359	.998411	.998462	.998511	.998559	.998605
3.0	.998650	.998694	.998736	.998777	.998817	.998856	.998893	.998930	.998965	.998999
3.1	$.9^30324$	$.9^30646$	$.9^30957$	$.9^31260$	$.9^31553$	$.9^31836$	$.9^32112$	$.9^32378$	$.9^32636$	$.9^32886$
3.2	$.9^33129$	$.9^33363$	$.9^33590$	$.9^33810$	$.9^34024$	$.9^34230$	$.9^34429$	$.9^34623$	$.9^34810$	$.9^34991$
3.3	$.9^35166$	$.9^35335$	$.9^35499$	$.9^35658$	$.9^35811$	$.9^35959$	$.9^36103$	$.9^36242$	$.9^36376$	$.9^36505$
3.4	$.9^36631$	$.9^36752$	$.9^36869$	$.9^36982$	$.9^37091$	$.9^37197$	$.9^37299$	$.9^37398$	$.9^37493$	$.9^37585$
3.5	$.9^37674$	$.9^37759$	$.9^37842$	$.9^37922$	$.9^37999$	$.9^38074$	$.9^38146$	$.9^38215$	$.9^38282$	$.9^38347$
3.6	$.9^38409$	$.9^38469$	$.9^38527$	$.9^38583$	$.9^38637$	$.9^38689$	$.9^38739$	$.9^38787$	$.9^38834$	$.9^38879$
3.7	$.9^38922$	$.9^38964$	$.9^40039$	$.9^40426$	$.9^40799$	$.9^41158$	$.9^41504$	$.9^41838$	$.9^42159$	$.9^42468$
3.8	$.9^42765$	$.9^43052$	$.9^43327$	$.9^43593$	$.9^43848$	$.9^44094$	$.9^44331$	$.9^44558$	$.9^44777$	$.9^44988$
3.9	$.9^45190$	$.9^45385$	$.9^45573$	$.9^45753$	$.9^45926$	$.9^46092$	$.9^46253$	$.9^46406$	$.9^46554$	$.9^46696$
4.0	$.9^46833$	$.9^46964$	$.9^47090$	$.9^47211$	$.9^47327$	$.9^47439$	$.9^47546$	$.9^47649$	$.9^47748$	$.9^47843$