

# Verteilungsfunktion der Binomialverteilung

$$P(X \leq k) = \sum_{i=0}^k \binom{n}{i} p^i (1-p)^{n-i}$$

$p$		0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
$n$	$k$										
1	0	0.9500	0.9000	0.8500	0.8000	0.7500	0.7000	0.6500	0.6000	0.5500	0.5000
	1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2	0	0.9025	0.8100	0.7225	0.6400	0.5625	0.4900	0.4225	0.3600	0.3025	0.2500
	1	0.9975	0.9900	0.9775	0.9600	0.9375	0.9100	0.8775	0.8400	0.7975	0.7500
	2	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
3	0	0.8574	0.7290	0.6141	0.5120	0.4219	0.3430	0.2746	0.2160	0.1664	0.1250
	1	0.9928	0.9720	0.9393	0.8960	0.8438	0.7840	0.7183	0.6480	0.5748	0.5000
	2	0.9999	0.9990	0.9966	0.9920	0.9844	0.9730	0.9571	0.9360	0.9089	0.8750
	3	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
4	0	0.8145	0.6561	0.5220	0.4096	0.3164	0.2401	0.1785	0.1296	0.0915	0.0625
	1	0.9860	0.9477	0.8905	0.8192	0.7383	0.6517	0.5630	0.4752	0.3910	0.3125
	2	0.9995	0.9963	0.9880	0.9728	0.9492	0.9163	0.8735	0.8208	0.7585	0.6875
	3	1.0000	0.9999	0.9995	0.9984	0.9961	0.9919	0.9850	0.9744	0.9590	0.9375
	4		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
5	0	0.7738	0.5905	0.4437	0.3277	0.2373	0.1681	0.1160	0.0778	0.0503	0.0313
	1	0.9774	0.9185	0.8352	0.7373	0.6328	0.5282	0.4284	0.3370	0.2562	0.1875
	2	0.9988	0.9914	0.9734	0.9421	0.8965	0.8369	0.7648	0.6826	0.5931	0.5000
	3	1.0000	0.9995	0.9978	0.9933	0.9844	0.9692	0.9460	0.9130	0.8688	0.8125
	4		1.0000	0.9999	0.9997	0.9990	0.9976	0.9947	0.9898	0.9815	0.9688
	5			1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
6	0	0.7351	0.5314	0.3771	0.2621	0.1780	0.1176	0.0754	0.0467	0.0277	0.0156
	1	0.9672	0.8857	0.7765	0.6554	0.5339	0.4202	0.3191	0.2333	0.1636	0.1094
	2	0.9978	0.9842	0.9527	0.9011	0.8306	0.7443	0.6471	0.5443	0.4415	0.3438
	3	0.9999	0.9987	0.9941	0.9830	0.9624	0.9295	0.8826	0.8208	0.7447	0.6563
	4	1.0000	0.9999	0.9996	0.9984	0.9954	0.9891	0.9777	0.9590	0.9308	0.8906
	5		1.0000	1.0000	0.9999	0.9998	0.9993	0.9982	0.9959	0.9917	0.9844
	6				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
7	0	0.6983	0.4783	0.3206	0.2097	0.1335	0.0824	0.0490	0.0280	0.0152	0.0078
	1	0.9556	0.8503	0.7166	0.5767	0.4449	0.3294	0.2338	0.1586	0.1024	0.0625
	2	0.9962	0.9743	0.9262	0.8520	0.7564	0.6471	0.5323	0.4199	0.3164	0.2266
	3	0.9998	0.9973	0.9879	0.9667	0.9294	0.8740	0.8002	0.7102	0.6083	0.5000
	4	1.0000	0.9998	0.9988	0.9953	0.9871	0.9712	0.9444	0.9037	0.8471	0.7734
	5		1.0000	0.9999	0.9996	0.9987	0.9962	0.9910	0.9812	0.9643	0.9375
	6			1.0000	1.0000	0.9999	0.9998	0.9994	0.9984	0.9963	0.9922
	7					1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
8	0	0.6634	0.4305	0.2725	0.1678	0.1001	0.0576	0.0319	0.0168	0.0084	0.0039
	1	0.9428	0.8131	0.6572	0.5033	0.3671	0.2553	0.1691	0.1064	0.0632	0.0352
	2	0.9942	0.9619	0.8948	0.7969	0.6785	0.5518	0.4278	0.3154	0.2201	0.1445
	3	0.9996	0.9950	0.9786	0.9437	0.8862	0.8059	0.7064	0.5941	0.4770	0.3633
	4	1.0000	0.9996	0.9971	0.9896	0.9727	0.9420	0.8939	0.8263	0.7396	0.6367
	5		1.0000	0.9998	0.9988	0.9958	0.9887	0.9747	0.9502	0.9115	0.8555
	6			1.0000	0.9999	0.9996	0.9987	0.9964	0.9915	0.9819	0.9648
	7				1.0000	1.0000	0.9999	0.9998	0.9993	0.9983	0.9961
	8						1.0000	1.0000	1.0000	1.0000	1.0000
9	0	0.6302	0.3874	0.2316	0.1342	0.0751	0.0404	0.0207	0.0101	0.0046	0.0020
	1	0.9288	0.7748	0.5995	0.4362	0.3003	0.1960	0.1211	0.0705	0.0385	0.0195
	2	0.9916	0.9470	0.8591	0.7382	0.6007	0.4628	0.3373	0.2318	0.1495	0.0898
	3	0.9994	0.9917	0.9661	0.9144	0.8343	0.7297	0.6089	0.4826	0.3614	0.2539
	4	1.0000	0.9991	0.9944	0.9804	0.9511	0.9012	0.8283	0.7334	0.6214	0.5000
	5		0.9999	0.9994	0.9969	0.9900	0.9747	0.9464	0.9006	0.8342	0.7461
	6		1.0000	1.0000	0.9997	0.9987	0.9957	0.9888	0.9750	0.9502	0.9102
	7				1.0000	0.9999	0.9996	0.9986	0.9962	0.9909	0.9805
	8					1.0000	1.0000	0.9999	0.9997	0.9992	0.9980
	9							1.0000	1.0000	1.0000	1.0000
10	0	0.5987	0.3487	0.1969	0.1074	0.0563	0.0282	0.0135	0.0060	0.0025	0.0010
	1	0.9139	0.7361	0.5443	0.3758	0.2440	0.1493	0.0860	0.0464	0.0233	0.0107
	2	0.9885	0.9298	0.8202	0.6778	0.5256	0.3828	0.2616	0.1673	0.0996	0.0547
	3	0.9990	0.9872	0.9500	0.8791	0.7759	0.6496	0.5138	0.3823	0.2660	0.1719
	4	0.9999	0.9984	0.9901	0.9672	0.9219	0.8497	0.7515	0.6331	0.5044	0.3770
	5	1.0000	0.9999	0.9986	0.9936	0.9803	0.9527	0.9051	0.8338	0.7384	0.6230
	6		1.0000	0.9999	0.9991	0.9965	0.9894	0.9740	0.9452	0.8980	0.8281
	7			1.0000	0.9999	0.9996	0.9984	0.9952	0.9877	0.9726	0.9453
	8				1.0000	1.0000	0.9999	0.9995	0.9983	0.9955	0.9893
	9						1.0000	1.0000	0.9999	0.9997	0.9990
	10								1.0000	1.0000	1.0000

		$p$	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
$n$	$k$											
11	0	0.5688	0.3138	0.1673	0.0859	0.0422	0.0198	0.0088	0.0036	0.0014	0.0005	
	1	0.8981	0.6974	0.4922	0.3221	0.1971	0.1130	0.0606	0.0302	0.0139	0.0059	
	2	0.9848	0.9104	0.7788	0.6174	0.4552	0.3127	0.2001	0.1189	0.0652	0.0327	
	3	0.9984	0.9815	0.9306	0.8389	0.7133	0.5696	0.4256	0.2963	0.1911	0.1133	
	4	0.9999	0.9972	0.9841	0.9496	0.8854	0.7897	0.6683	0.5328	0.3971	0.2744	
	5	1.0000	0.9997	0.9973	0.9883	0.9657	0.9218	0.8513	0.7535	0.6331	0.5000	
	6		1.0000	0.9997	0.9980	0.9924	0.9784	0.9499	0.9006	0.8262	0.7256	
	7			1.0000	0.9998	0.9988	0.9957	0.9878	0.9707	0.9390	0.8867	
	8				1.0000	0.9999	0.9994	0.9980	0.9941	0.9852	0.9673	
	9					1.0000	1.0000	0.9998	0.9993	0.9978	0.9941	
	10							1.0000	1.0000	0.9998	0.9995	
11									1.0000	1.0000		
12	0	0.5404	0.2824	0.1422	0.0687	0.0317	0.0138	0.0057	0.0022	0.0008	0.0002	
	1	0.8816	0.6590	0.4435	0.2749	0.1584	0.0850	0.0424	0.0196	0.0083	0.0032	
	2	0.9804	0.8891	0.7358	0.5583	0.3907	0.2528	0.1513	0.0834	0.0421	0.0193	
	3	0.9978	0.9744	0.9078	0.7946	0.6488	0.4925	0.3467	0.2253	0.1345	0.0730	
	4	0.9998	0.9957	0.9761	0.9274	0.8424	0.7237	0.5833	0.4382	0.3044	0.1938	
	5	1.0000	0.9995	0.9954	0.9806	0.9456	0.8822	0.7873	0.6652	0.5269	0.3872	
	6		0.9999	0.9993	0.9961	0.9857	0.9614	0.9154	0.8418	0.7393	0.6128	
	7		1.0000	0.9999	0.9994	0.9972	0.9905	0.9745	0.9427	0.8883	0.8062	
	8			1.0000	0.9999	0.9996	0.9983	0.9944	0.9847	0.9644	0.9270	
	9				1.0000	1.0000	0.9998	0.9992	0.9972	0.9921	0.9807	
	10						1.0000	0.9999	0.9997	0.9989	0.9968	
	11							1.0000	1.0000	0.9999	0.9998	
12									1.0000	1.0000		
13	0	0.5133	0.2542	0.1209	0.0550	0.0238	0.0097	0.0037	0.0013	0.0004	0.0001	
	1	0.8646	0.6213	0.3983	0.2336	0.1267	0.0637	0.0296	0.0126	0.0049	0.0017	
	2	0.9755	0.8661	0.6920	0.5017	0.3326	0.2025	0.1132	0.0579	0.0269	0.0112	
	3	0.9969	0.9658	0.8820	0.7473	0.5843	0.4206	0.2783	0.1686	0.0929	0.0461	
	4	0.9997	0.9935	0.9658	0.9009	0.7940	0.6543	0.5005	0.3530	0.2279	0.1334	
	5	1.0000	0.9991	0.9925	0.9700	0.9198	0.8346	0.7159	0.5744	0.4268	0.2905	
	6		0.9999	0.9987	0.9930	0.9757	0.9376	0.8705	0.7712	0.6437	0.5000	
	7		1.0000	0.9998	0.9988	0.9944	0.9818	0.9538	0.9023	0.8212	0.7095	
	8			1.0000	0.9998	0.9990	0.9960	0.9874	0.9679	0.9302	0.8666	
	9				1.0000	0.9999	0.9993	0.9975	0.9922	0.9797	0.9539	
	10					1.0000	0.9999	0.9997	0.9987	0.9959	0.9888	
	11						1.0000	1.0000	0.9999	0.9995	0.9983	
	12								1.0000	1.0000	0.9999	
13										1.0000		
14	0	0.4877	0.2288	0.1028	0.0440	0.0178	0.0068	0.0024	0.0008	0.0002	0.0001	
	1	0.8470	0.5846	0.3567	0.1979	0.1010	0.0475	0.0205	0.0081	0.0029	0.0009	
	2	0.9699	0.8416	0.6479	0.4481	0.2811	0.1608	0.0839	0.0398	0.0170	0.0065	
	3	0.9958	0.9559	0.8535	0.6982	0.5213	0.3552	0.2205	0.1243	0.0632	0.0287	
	4	0.9996	0.9908	0.9533	0.8702	0.7415	0.5842	0.4227	0.2793	0.1672	0.0898	
	5	1.0000	0.9985	0.9885	0.9561	0.8883	0.7805	0.6405	0.4859	0.3373	0.2120	
	6		0.9998	0.9978	0.9884	0.9617	0.9067	0.8164	0.6925	0.5461	0.3953	
	7		1.0000	0.9997	0.9976	0.9897	0.9685	0.9247	0.8499	0.7414	0.6047	
	8			1.0000	0.9996	0.9978	0.9917	0.9757	0.9417	0.8811	0.7880	
	9				1.0000	0.9997	0.9983	0.9940	0.9825	0.9574	0.9102	
	10					1.0000	0.9998	0.9989	0.9961	0.9886	0.9713	
	11						1.0000	0.9999	0.9994	0.9978	0.9935	
	12							1.0000	0.9999	0.9997	0.9991	
	13								1.0000	1.0000	0.9999	
14											1.0000	
15	0	0.4633	0.2059	0.0874	0.0352	0.0134	0.0047	0.0016	0.0005	0.0001	0.0000	
	1	0.8290	0.5490	0.3186	0.1671	0.0802	0.0353	0.0142	0.0052	0.0017	0.0005	
	2	0.9638	0.8159	0.6042	0.3980	0.2361	0.1268	0.0617	0.0271	0.0107	0.0037	
	3	0.9945	0.9444	0.8227	0.6482	0.4613	0.2969	0.1727	0.0905	0.0424	0.0176	
	4	0.9994	0.9873	0.9383	0.8358	0.6865	0.5155	0.3519	0.2173	0.1204	0.0592	
	5	0.9999	0.9978	0.9832	0.9389	0.8516	0.7216	0.5643	0.4032	0.2608	0.1509	
	6	1.0000	0.9997	0.9964	0.9819	0.9434	0.8689	0.7548	0.6098	0.4522	0.3036	
	7		1.0000	0.9994	0.9958	0.9827	0.9500	0.8868	0.7869	0.6535	0.5000	
	8			0.9999	0.9992	0.9958	0.9848	0.9578	0.9050	0.8182	0.6964	
	9			1.0000	0.9999	0.9992	0.9963	0.9876	0.9662	0.9231	0.8491	
	10				1.0000	0.9999	0.9993	0.9972	0.9907	0.9745	0.9408	
	11					1.0000	0.9999	0.9995	0.9981	0.9937	0.9824	
	12						1.0000	0.9999	0.9997	0.9989	0.9963	
	13							1.0000	1.0000	0.9999	0.9995	
14										1.0000		

		$p$	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
$n$	$k$											
16	0	0.4401	0.1853	0.0743	0.0281	0.0100	0.0033	0.0010	0.0003	0.0001	0.0000	
	1	0.8108	0.5147	0.2839	0.1407	0.0635	0.0261	0.0098	0.0033	0.0010	0.0003	
	2	0.9571	0.7892	0.5614	0.3518	0.1971	0.0994	0.0451	0.0183	0.0066	0.0021	
	3	0.9930	0.9316	0.7899	0.5981	0.4050	0.2459	0.1339	0.0651	0.0281	0.0106	
	4	0.9991	0.9830	0.9209	0.7982	0.6302	0.4499	0.2892	0.1666	0.0853	0.0384	
	5	0.9999	0.9967	0.9765	0.9183	0.8103	0.6598	0.4900	0.3288	0.1976	0.1051	
	6	1.0000	0.9995	0.9944	0.9733	0.9204	0.8247	0.6881	0.5272	0.3660	0.2272	
	7		0.9999	0.9989	0.9930	0.9729	0.9256	0.8406	0.7161	0.5629	0.4018	
	8		1.0000	0.9998	0.9985	0.9925	0.9743	0.9329	0.8577	0.7441	0.5982	
	9			1.0000	0.9998	0.9984	0.9929	0.9771	0.9417	0.8759	0.7728	
	10				1.0000	0.9997	0.9984	0.9938	0.9809	0.9514	0.8949	
	11					1.0000	0.9997	0.9987	0.9951	0.9851	0.9616	
	12						1.0000	0.9998	0.9991	0.9965	0.9894	
	13							1.0000	0.9999	0.9994	0.9979	
	14								1.0000	0.9999	0.9997	
15									1.0000	1.0000	1.0000	
17	0	0.4181	0.1668	0.0631	0.0225	0.0075	0.0023	0.0007	0.0002	0.0000	0.0000	
	1	0.7922	0.4818	0.2525	0.1182	0.0501	0.0193	0.0067	0.0021	0.0006	0.0001	
	2	0.9497	0.7618	0.5198	0.3096	0.1637	0.0774	0.0327	0.0123	0.0041	0.0012	
	3	0.9912	0.9174	0.7556	0.5489	0.3530	0.2019	0.1028	0.0464	0.0184	0.0064	
	4	0.9988	0.9779	0.9013	0.7582	0.5739	0.3887	0.2348	0.1260	0.0596	0.0245	
	5	0.9999	0.9953	0.9681	0.8943	0.7653	0.5968	0.4197	0.2639	0.1471	0.0717	
	6	1.0000	0.9992	0.9917	0.9623	0.8929	0.7752	0.6188	0.4478	0.2902	0.1662	
	7		0.9999	0.9983	0.9891	0.9598	0.8954	0.7872	0.6405	0.4743	0.3145	
	8		1.0000	0.9997	0.9974	0.9876	0.9597	0.9006	0.8011	0.6626	0.5000	
	9			1.0000	0.9995	0.9969	0.9873	0.9617	0.9081	0.8166	0.6855	
	10				0.9999	0.9994	0.9968	0.9880	0.9652	0.9174	0.8338	
	11				1.0000	0.9999	0.9993	0.9970	0.9894	0.9699	0.9283	
	12					1.0000	0.9999	0.9994	0.9975	0.9914	0.9755	
	13						1.0000	0.9999	0.9995	0.9981	0.9936	
	14							1.0000	0.9999	0.9997	0.9988	
	15								1.0000	1.0000	0.9999	
16											1.0000	
18	0	0.3972	0.1501	0.0536	0.0180	0.0056	0.0016	0.0004	0.0001	0.0000	0.0000	
	1	0.7735	0.4503	0.2241	0.0991	0.0395	0.0142	0.0046	0.0013	0.0003	0.0001	
	2	0.9419	0.7338	0.4797	0.2713	0.1353	0.0600	0.0236	0.0082	0.0025	0.0007	
	3	0.9891	0.9018	0.7202	0.5010	0.3057	0.1646	0.0783	0.0328	0.0120	0.0038	
	4	0.9985	0.9718	0.8794	0.7164	0.5187	0.3327	0.1886	0.0942	0.0411	0.0154	
	5	0.9998	0.9936	0.9581	0.8671	0.7175	0.5344	0.3550	0.2088	0.1077	0.0481	
	6	1.0000	0.9988	0.9882	0.9487	0.8610	0.7217	0.5491	0.3743	0.2258	0.1189	
	7		0.9998	0.9973	0.9837	0.9431	0.8593	0.7283	0.5634	0.3915	0.2403	
	8		1.0000	0.9995	0.9957	0.9807	0.9404	0.8609	0.7368	0.5778	0.4073	
	9			0.9999	0.9991	0.9946	0.9790	0.9403	0.8653	0.7473	0.5927	
	10			1.0000	0.9998	0.9988	0.9939	0.9788	0.9424	0.8720	0.7597	
	11				1.0000	0.9998	0.9986	0.9938	0.9797	0.9463	0.8811	
	12					1.0000	0.9997	0.9986	0.9942	0.9817	0.9519	
	13						1.0000	0.9997	0.9987	0.9951	0.9846	
	14							1.0000	0.9998	0.9990	0.9962	
	15								1.0000	0.9999	0.9993	
	16									1.0000	0.9999	
17											1.0000	
19	0	0.3774	0.1351	0.0456	0.0144	0.0042	0.0011	0.0003	0.0001	0.0000	0.0000	
	1	0.7547	0.4203	0.1985	0.0829	0.0310	0.0104	0.0031	0.0008	0.0002	0.0000	
	2	0.9335	0.7054	0.4413	0.2369	0.1113	0.0462	0.0170	0.0055	0.0015	0.0004	
	3	0.9868	0.8850	0.6841	0.4551	0.2631	0.1332	0.0591	0.0230	0.0077	0.0022	
	4	0.9980	0.9648	0.8556	0.6733	0.4654	0.2822	0.1500	0.0696	0.0280	0.0096	
	5	0.9998	0.9914	0.9463	0.8369	0.6678	0.4739	0.2968	0.1629	0.0777	0.0318	
	6	1.0000	0.9983	0.9837	0.9324	0.8251	0.6655	0.4812	0.3081	0.1727	0.0835	
	7		0.9997	0.9959	0.9767	0.9225	0.8180	0.6656	0.4878	0.3169	0.1796	
	8		1.0000	0.9992	0.9933	0.9713	0.9161	0.8145	0.6675	0.4940	0.3238	
	9			0.9999	0.9984	0.9911	0.9674	0.9125	0.8139	0.6710	0.5000	
	10			1.0000	0.9997	0.9977	0.9895	0.9653	0.9115	0.8159	0.6762	
	11				1.0000	0.9995	0.9972	0.9886	0.9648	0.9129	0.8204	
	12					0.9999	0.9994	0.9969	0.9884	0.9658	0.9165	
	13					1.0000	0.9999	0.9993	0.9969	0.9891	0.9682	
	14						1.0000	0.9999	0.9994	0.9972	0.9904	
	15							1.0000	0.9999	0.9995	0.9978	
	16								1.0000	0.9999	0.9996	
17										1.0000	1.0000	

$p$		0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
$n$	$k$										
20	0	0.3585	0.1216	0.0388	0.0115	0.0032	0.0008	0.0002	0.0000	0.0000	0.0000
	1	0.7358	0.3917	0.1756	0.0692	0.0243	0.0076	0.0021	0.0005	0.0001	0.0000
	2	0.9245	0.6769	0.4049	0.2061	0.0913	0.0355	0.0121	0.0036	0.0009	0.0002
	3	0.9841	0.8670	0.6477	0.4114	0.2252	0.1071	0.0444	0.0160	0.0049	0.0013
	4	0.9974	0.9568	0.8298	0.6296	0.4148	0.2375	0.1182	0.0510	0.0189	0.0059
	5	0.9997	0.9887	0.9327	0.8042	0.6172	0.4164	0.2454	0.1256	0.0553	0.0207
	6	1.0000	0.9976	0.9781	0.9133	0.7858	0.6080	0.4166	0.2500	0.1299	0.0577
	7		0.9996	0.9941	0.9679	0.8982	0.7723	0.6010	0.4159	0.2520	0.1316
	8		0.9999	0.9987	0.9900	0.9591	0.8867	0.7624	0.5956	0.4143	0.2517
	9		1.0000	0.9998	0.9974	0.9861	0.9520	0.8782	0.7553	0.5914	0.4119
	10			1.0000	0.9994	0.9961	0.9829	0.9468	0.8725	0.7507	0.5881
	11				0.9999	0.9991	0.9949	0.9804	0.9435	0.8692	0.7483
	12				1.0000	0.9998	0.9987	0.9940	0.9790	0.9420	0.8684
	13					1.0000	0.9997	0.9985	0.9935	0.9786	0.9423
	14						1.0000	0.9997	0.9984	0.9936	0.9793
	15							1.0000	0.9997	0.9985	0.9941
	16								1.0000	0.9997	0.9987
	17									1.0000	0.9998
18										1.0000	
21	0	0.3406	0.1094	0.0329	0.0092	0.0024	0.0006	0.0001	0.0000	0.0000	0.0000
	1	0.7170	0.3647	0.1550	0.0576	0.0190	0.0056	0.0014	0.0003	0.0001	0.0000
	2	0.9151	0.6484	0.3705	0.1787	0.0745	0.0271	0.0086	0.0024	0.0006	0.0001
	3	0.9811	0.8480	0.6113	0.3704	0.1917	0.0856	0.0331	0.0110	0.0031	0.0007
	4	0.9968	0.9478	0.8025	0.5860	0.3674	0.1984	0.0924	0.0370	0.0126	0.0036
	5	0.9996	0.9856	0.9173	0.7693	0.5666	0.3627	0.2009	0.0957	0.0389	0.0133
	6	1.0000	0.9967	0.9713	0.8915	0.7436	0.5505	0.3567	0.2002	0.0964	0.0392
	7		0.9994	0.9917	0.9569	0.8701	0.7230	0.5365	0.3495	0.1971	0.0946
	8		0.9999	0.9980	0.9856	0.9439	0.8523	0.7059	0.5237	0.3413	0.1917
	9		1.0000	0.9996	0.9959	0.9794	0.9324	0.8377	0.6914	0.5117	0.3318
	10			0.9999	0.9990	0.9936	0.9736	0.9228	0.8256	0.6790	0.5000
	11			1.0000	0.9998	0.9983	0.9913	0.9687	0.9151	0.8159	0.6682
	12				1.0000	0.9996	0.9976	0.9892	0.9648	0.9092	0.8083
	13					0.9999	0.9994	0.9969	0.9877	0.9621	0.9054
	14					1.0000	0.9999	0.9993	0.9964	0.9868	0.9608
	15						1.0000	0.9999	0.9992	0.9963	0.9867
	16							1.0000	0.9998	0.9992	0.9964
	17								1.0000	0.9999	0.9993
18									1.0000	0.9999	
19										1.0000	
22	0	0.3235	0.0985	0.0280	0.0074	0.0018	0.0004	0.0001	0.0000	0.0000	0.0000
	1	0.6982	0.3392	0.1367	0.0480	0.0149	0.0041	0.0010	0.0002	0.0000	0.0000
	2	0.9052	0.6200	0.3382	0.1545	0.0606	0.0207	0.0061	0.0016	0.0003	0.0001
	3	0.9778	0.8281	0.5752	0.3320	0.1624	0.0681	0.0245	0.0076	0.0020	0.0004
	4	0.9960	0.9379	0.7738	0.5429	0.3235	0.1645	0.0716	0.0266	0.0083	0.0022
	5	0.9994	0.9818	0.9001	0.7326	0.5168	0.3134	0.1629	0.0722	0.0271	0.0085
	6	0.9999	0.9956	0.9632	0.8670	0.6994	0.4942	0.3022	0.1584	0.0705	0.0262
	7	1.0000	0.9991	0.9886	0.9439	0.8385	0.6713	0.4736	0.2898	0.1518	0.0669
	8		0.9999	0.9970	0.9799	0.9254	0.8135	0.6466	0.4540	0.2764	0.1431
	9		1.0000	0.9993	0.9939	0.9705	0.9084	0.7916	0.6244	0.4350	0.2617
	10			0.9999	0.9984	0.9900	0.9613	0.8930	0.7720	0.6037	0.4159
	11			1.0000	0.9997	0.9971	0.9860	0.9526	0.8793	0.7543	0.5841
	12				0.9999	0.9993	0.9957	0.9820	0.9449	0.8672	0.7383
	13				1.0000	0.9999	0.9989	0.9942	0.9785	0.9383	0.8569
	14					1.0000	0.9998	0.9984	0.9930	0.9757	0.9331
	15						1.0000	0.9997	0.9981	0.9920	0.9738
	16							0.9999	0.9996	0.9979	0.9915
	17								1.0000	0.9999	0.9978
18									1.0000	0.9996	
19										1.0000	
20											1.0000

	$p$	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
	$n$ $k$										
23	0	0.3074	0.0886	0.0238	0.0059	0.0013	0.0003	0.0000	0.0000	0.0000	0.0000
	1	0.6794	0.3151	0.1204	0.0398	0.0116	0.0030	0.0007	0.0001	0.0000	0.0000
	2	0.8948	0.5920	0.3080	0.1332	0.0492	0.0157	0.0043	0.0010	0.0002	0.0000
	3	0.9742	0.8073	0.5396	0.2965	0.1370	0.0538	0.0181	0.0052	0.0012	0.0002
	4	0.9951	0.9269	0.7440	0.5007	0.2832	0.1356	0.0551	0.0190	0.0055	0.0013
	5	0.9992	0.9774	0.8811	0.6947	0.4685	0.2688	0.1309	0.0540	0.0186	0.0053
	6	0.9999	0.9942	0.9537	0.8402	0.6537	0.4399	0.2534	0.1240	0.0510	0.0173
	7	1.0000	0.9988	0.9848	0.9285	0.8037	0.6181	0.4136	0.2373	0.1152	0.0466
	8		0.9998	0.9958	0.9727	0.9037	0.7709	0.5860	0.3884	0.2203	0.1050
	9		1.0000	0.9990	0.9911	0.9592	0.8799	0.7408	0.5562	0.3636	0.2024
	10			0.9998	0.9975	0.9851	0.9454	0.8575	0.7129	0.5278	0.3388
	11			1.0000	0.9994	0.9954	0.9786	0.9318	0.8364	0.6865	0.5000
	12				0.9999	0.9988	0.9928	0.9717	0.9187	0.8164	0.6612
	13				1.0000	0.9997	0.9979	0.9900	0.9651	0.9063	0.7976
	14					0.9999	0.9995	0.9970	0.9872	0.9589	0.8950
	15					1.0000	0.9999	0.9992	0.9960	0.9847	0.9534
	16						1.0000	0.9998	0.9990	0.9952	0.9827
	17							1.0000	0.9998	0.9988	0.9947
	18								1.0000	0.9998	0.9987
	19									1.0000	0.9998
20										1.0000	
24	0	0.2920	0.0798	0.0202	0.0047	0.0010	0.0002	0.0000	0.0000	0.0000	0.0000
	1	0.6608	0.2925	0.1059	0.0331	0.0090	0.0022	0.0005	0.0001	0.0000	0.0000
	2	0.8841	0.5643	0.2798	0.1145	0.0398	0.0119	0.0030	0.0007	0.0001	0.0000
	3	0.9702	0.7857	0.5049	0.2639	0.1150	0.0424	0.0133	0.0035	0.0008	0.0001
	4	0.9940	0.9149	0.7134	0.4599	0.2466	0.1111	0.0422	0.0134	0.0036	0.0008
	5	0.9990	0.9723	0.8606	0.6559	0.4222	0.2288	0.1044	0.0400	0.0127	0.0033
	6	0.9999	0.9925	0.9428	0.8111	0.6074	0.3886	0.2106	0.0960	0.0364	0.0113
	7	1.0000	0.9983	0.9801	0.9108	0.7662	0.5647	0.3575	0.1919	0.0863	0.0320
	8		0.9997	0.9941	0.9638	0.8787	0.7250	0.5257	0.3279	0.1730	0.0758
	9		0.9999	0.9985	0.9874	0.9453	0.8472	0.6866	0.4891	0.2991	0.1537
	10		1.0000	0.9997	0.9962	0.9787	0.9258	0.8167	0.6502	0.4539	0.2706
	11			0.9999	0.9990	0.9928	0.9686	0.9058	0.7870	0.6151	0.4194
	12			1.0000	0.9998	0.9979	0.9885	0.9577	0.8857	0.7580	0.5806
	13				1.0000	0.9995	0.9964	0.9836	0.9465	0.8659	0.7294
	14					0.9999	0.9990	0.9945	0.9783	0.9352	0.8463
	15					1.0000	0.9998	0.9984	0.9925	0.9731	0.9242
	16						1.0000	0.9996	0.9978	0.9905	0.9680
	17							0.9999	0.9995	0.9972	0.9887
	18							1.0000	0.9999	0.9993	0.9967
	19								1.0000	0.9999	0.9992
	20									1.0000	0.9999
21										1.0000	
25	0	0.2774	0.0718	0.0172	0.0038	0.0008	0.0001	0.0000	0.0000	0.0000	0.0000
	1	0.6424	0.2712	0.0931	0.0274	0.0070	0.0016	0.0003	0.0001	0.0000	0.0000
	2	0.8729	0.5371	0.2537	0.0982	0.0321	0.0090	0.0021	0.0004	0.0001	0.0000
	3	0.9659	0.7636	0.4711	0.2340	0.0962	0.0332	0.0097	0.0024	0.0005	0.0001
	4	0.9928	0.9020	0.6821	0.4207	0.2137	0.0905	0.0320	0.0095	0.0023	0.0005
	5	0.9988	0.9666	0.8385	0.6167	0.3783	0.1935	0.0826	0.0294	0.0086	0.0020
	6	0.9998	0.9905	0.9305	0.7800	0.5611	0.3407	0.1734	0.0736	0.0258	0.0073
	7	1.0000	0.9977	0.9745	0.8909	0.7265	0.5118	0.3061	0.1536	0.0639	0.0216
	8		0.9995	0.9920	0.9532	0.8506	0.6769	0.4668	0.2735	0.1340	0.0539
	9		0.9999	0.9979	0.9827	0.9287	0.8106	0.6303	0.4246	0.2424	0.1148
	10		1.0000	0.9995	0.9944	0.9703	0.9022	0.7712	0.5858	0.3843	0.2122
	11			0.9999	0.9985	0.9893	0.9558	0.8746	0.7323	0.5426	0.3450
	12			1.0000	0.9996	0.9966	0.9825	0.9396	0.8462	0.6937	0.5000
	13				0.9999	0.9991	0.9940	0.9745	0.9222	0.8173	0.6550
	14				1.0000	0.9998	0.9982	0.9907	0.9656	0.9040	0.7878
	15					1.0000	0.9995	0.9971	0.9868	0.9560	0.8852
	16						0.9999	0.9992	0.9957	0.9826	0.9461
	17						1.0000	0.9998	0.9988	0.9942	0.9784
	18							1.0000	0.9997	0.9984	0.9927
	19								0.9999	0.9996	0.9980
	20								1.0000	0.9999	0.9995
	21									1.0000	0.9999
22										1.0000	

		$p$	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
$n$	$k$											
26	0	0.2635	0.0646	0.0146	0.0030	0.0006	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
	1	0.6241	0.2513	0.0817	0.0227	0.0055	0.0011	0.0002	0.0000	0.0000	0.0000	0.0000
	2	0.8614	0.5105	0.2296	0.0841	0.0258	0.0067	0.0015	0.0003	0.0000	0.0000	0.0000
	3	0.9613	0.7409	0.4385	0.2068	0.0802	0.0260	0.0070	0.0016	0.0003	0.0000	0.0000
	4	0.9915	0.8882	0.6505	0.3833	0.1844	0.0733	0.0242	0.0066	0.0015	0.0003	0.0000
	5	0.9985	0.9601	0.8150	0.5775	0.3371	0.1626	0.0649	0.0214	0.0058	0.0012	0.0000
	6	0.9998	0.9881	0.9167	0.7474	0.5154	0.2965	0.1416	0.0559	0.0180	0.0047	0.0000
	7	1.0000	0.9970	0.9679	0.8687	0.6852	0.4605	0.2596	0.1216	0.0467	0.0145	0.0000
	8		0.9994	0.9894	0.9408	0.8195	0.6274	0.4106	0.2255	0.1024	0.0378	0.0000
	9		0.9999	0.9970	0.9768	0.9091	0.7705	0.5731	0.3642	0.1936	0.0843	0.0000
	10		1.0000	0.9993	0.9921	0.9599	0.8747	0.7219	0.5213	0.3204	0.1635	0.0000
	11			0.9998	0.9977	0.9845	0.9397	0.8384	0.6737	0.4713	0.2786	0.0000
	12			1.0000	0.9994	0.9948	0.9745	0.9168	0.8007	0.6257	0.4225	0.0000
	13				0.9999	0.9985	0.9906	0.9623	0.8918	0.7617	0.5775	0.0000
	14				1.0000	0.9996	0.9970	0.9850	0.9482	0.8650	0.7214	0.0000
	15					0.9999	0.9991	0.9948	0.9783	0.9326	0.8365	0.0000
	16					1.0000	0.9998	0.9985	0.9921	0.9707	0.9157	0.0000
	17						1.0000	0.9996	0.9975	0.9890	0.9622	0.0000
	18							0.9999	0.9993	0.9965	0.9855	0.0000
	19							1.0000	0.9999	0.9991	0.9953	0.0000
	20								1.0000	0.9998	0.9988	0.0000
	21									1.0000	0.9997	0.0000
22										1.0000	0.0000	
27	0	0.2503	0.0581	0.0124	0.0024	0.0004	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
	1	0.6061	0.2326	0.0716	0.0187	0.0042	0.0008	0.0001	0.0000	0.0000	0.0000	0.0000
	2	0.8495	0.4846	0.2074	0.0718	0.0207	0.0051	0.0010	0.0002	0.0000	0.0000	0.0000
	3	0.9563	0.7179	0.4072	0.1823	0.0666	0.0202	0.0051	0.0011	0.0002	0.0000	0.0000
	4	0.9900	0.8734	0.6187	0.3480	0.1583	0.0591	0.0182	0.0046	0.0009	0.0002	0.0000
	5	0.9981	0.9529	0.7903	0.5387	0.2989	0.1358	0.0507	0.0155	0.0038	0.0008	0.0000
	6	0.9997	0.9853	0.9014	0.7134	0.4708	0.2563	0.1148	0.0421	0.0125	0.0030	0.0000
	7	1.0000	0.9961	0.9602	0.8444	0.6427	0.4113	0.2183	0.0953	0.0338	0.0096	0.0000
	8		0.9991	0.9862	0.9263	0.7859	0.5773	0.3577	0.1839	0.0774	0.0261	0.0000
	9		0.9998	0.9958	0.9696	0.8867	0.7276	0.5162	0.3087	0.1526	0.0610	0.0000
	10		1.0000	0.9989	0.9890	0.9472	0.8434	0.6698	0.4585	0.2633	0.1239	0.0000
	11			0.9998	0.9965	0.9784	0.9202	0.7976	0.6127	0.4034	0.2210	0.0000
	12			1.0000	0.9990	0.9922	0.9641	0.8894	0.7499	0.5562	0.3506	0.0000
	13				0.9998	0.9976	0.9857	0.9464	0.8553	0.7005	0.5000	0.0000
	14				1.0000	0.9993	0.9950	0.9771	0.9257	0.8185	0.6494	0.0000
	15					0.9998	0.9985	0.9914	0.9663	0.9022	0.7790	0.0000
	16					1.0000	0.9996	0.9972	0.9866	0.9536	0.8761	0.0000
	17						0.9999	0.9992	0.9954	0.9807	0.9390	0.0000
	18						1.0000	0.9998	0.9986	0.9931	0.9739	0.0000
	19							1.0000	0.9997	0.9979	0.9904	0.0000
	20								0.9999	0.9995	0.9970	0.0000
	21									1.0000	0.9992	0.0000
	22										1.0000	0.9998
23											1.0000	0.0000
28	0	0.2378	0.0523	0.0106	0.0019	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	1	0.5883	0.2152	0.0627	0.0155	0.0033	0.0006	0.0001	0.0000	0.0000	0.0000	0.0000
	2	0.8373	0.4594	0.1871	0.0612	0.0166	0.0038	0.0007	0.0001	0.0000	0.0000	0.0000
	3	0.9509	0.6946	0.3772	0.1602	0.0551	0.0157	0.0037	0.0007	0.0001	0.0000	0.0000
	4	0.9883	0.8579	0.5869	0.3149	0.1354	0.0474	0.0136	0.0032	0.0006	0.0001	0.0000
	5	0.9977	0.9450	0.7646	0.5005	0.2638	0.1128	0.0393	0.0111	0.0025	0.0005	0.0000
	6	0.9996	0.9821	0.8848	0.6784	0.4279	0.2202	0.0923	0.0315	0.0086	0.0019	0.0000
	7	1.0000	0.9950	0.9514	0.8182	0.5997	0.3648	0.1821	0.0740	0.0242	0.0063	0.0000
	8		0.9988	0.9823	0.9100	0.7501	0.5275	0.3089	0.1485	0.0578	0.0178	0.0000
	9		0.9998	0.9944	0.9609	0.8615	0.6825	0.4607	0.2588	0.1187	0.0436	0.0000
	10		1.0000	0.9985	0.9851	0.9321	0.8087	0.6160	0.3986	0.2135	0.0925	0.0000
	11			0.9996	0.9950	0.9706	0.8972	0.7529	0.5510	0.3404	0.1725	0.0000
	12			0.9999	0.9985	0.9888	0.9509	0.8572	0.6950	0.4875	0.2858	0.0000
	13			1.0000	0.9996	0.9962	0.9792	0.9264	0.8132	0.6356	0.4253	0.0000
	14				0.9999	0.9989	0.9923	0.9663	0.8975	0.7654	0.5747	0.0000
	15				1.0000	0.9997	0.9975	0.9864	0.9501	0.8645	0.7142	0.0000
	16					0.9999	0.9993	0.9952	0.9785	0.9304	0.8275	0.0000
	17					1.0000	0.9998	0.9985	0.9919	0.9685	0.9075	0.0000
	18						1.0000	0.9996	0.9973	0.9875	0.9564	0.0000
	19							0.9999	0.9992	0.9957	0.9822	0.0000
	20							1.0000	0.9998	0.9988	0.9937	0.0000
	21								1.0000	0.9997	0.9981	0.0000
	22									0.9999	0.9995	0.0000
	23										1.0000	0.9999
24											1.0000	0.0000

$p$		0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
$n$	$k$										
29	0	0.2259	0.0471	0.0090	0.0015	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
	1	0.5708	0.1989	0.0549	0.0128	0.0025	0.0004	0.0001	0.0000	0.0000	0.0000
	2	0.8249	0.4350	0.1684	0.0520	0.0133	0.0028	0.0005	0.0001	0.0000	0.0000
	3	0.9452	0.6710	0.3487	0.1404	0.0455	0.0121	0.0026	0.0005	0.0001	0.0000
	4	0.9864	0.8416	0.5555	0.2839	0.1153	0.0379	0.0101	0.0022	0.0004	0.0001
	5	0.9973	0.9363	0.7379	0.4634	0.2317	0.0932	0.0303	0.0080	0.0017	0.0003
	6	0.9995	0.9784	0.8667	0.6429	0.3868	0.1880	0.0738	0.0233	0.0059	0.0012
	7	0.9999	0.9938	0.9414	0.7903	0.5568	0.3214	0.1507	0.0570	0.0172	0.0041
	8	1.0000	0.9984	0.9777	0.8916	0.7125	0.4787	0.2645	0.1187	0.0427	0.0121
	9		0.9997	0.9926	0.9507	0.8337	0.6360	0.4076	0.2147	0.0913	0.0307
	10		0.9999	0.9978	0.9803	0.9145	0.7708	0.5617	0.3427	0.1708	0.0680
	11		1.0000	0.9995	0.9931	0.9610	0.8706	0.7050	0.4900	0.2833	0.1325
	12			0.9999	0.9978	0.9842	0.9348	0.8207	0.6374	0.4213	0.2291
	13			1.0000	0.9994	0.9944	0.9707	0.9022	0.7659	0.5689	0.3555
	14				0.9999	0.9982	0.9883	0.9524	0.8638	0.7070	0.5000
	15				1.0000	0.9995	0.9959	0.9794	0.9290	0.8199	0.6445
	16					0.9999	0.9987	0.9921	0.9671	0.9008	0.7709
	17					1.0000	0.9997	0.9973	0.9865	0.9514	0.8675
	18						0.9999	0.9992	0.9951	0.9790	0.9320
	19						1.0000	0.9998	0.9985	0.9920	0.9693
	20							1.0000	0.9996	0.9974	0.9879
	21								0.9999	0.9993	0.9959
	22								1.0000	0.9998	0.9988
	23									1.0000	0.9997
	24										0.9999
	25										1.0000
30	0	0.2146	0.0424	0.0076	0.0012	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
	1	0.5535	0.1837	0.0480	0.0105	0.0020	0.0003	0.0000	0.0000	0.0000	0.0000
	2	0.8122	0.4114	0.1514	0.0442	0.0106	0.0021	0.0003	0.0000	0.0000	0.0000
	3	0.9392	0.6474	0.3217	0.1227	0.0374	0.0093	0.0019	0.0003	0.0000	0.0000
	4	0.9844	0.8245	0.5245	0.2552	0.0979	0.0302	0.0075	0.0015	0.0002	0.0000
	5	0.9967	0.9268	0.7106	0.4275	0.2026	0.0766	0.0233	0.0057	0.0011	0.0002
	6	0.9994	0.9742	0.8474	0.6070	0.3481	0.1595	0.0586	0.0172	0.0040	0.0007
	7	0.9999	0.9922	0.9302	0.7608	0.5143	0.2814	0.1238	0.0435	0.0121	0.0026
	8	1.0000	0.9980	0.9722	0.8713	0.6736	0.4315	0.2247	0.0940	0.0312	0.0081
	9		0.9995	0.9903	0.9389	0.8034	0.5888	0.3575	0.1763	0.0694	0.0214
	10		0.9999	0.9971	0.9744	0.8943	0.7304	0.5078	0.2915	0.1350	0.0494
	11		1.0000	0.9992	0.9905	0.9493	0.8407	0.6548	0.4311	0.2327	0.1002
	12			0.9998	0.9969	0.9784	0.9155	0.7802	0.5785	0.3592	0.1808
	13			1.0000	0.9991	0.9918	0.9599	0.8737	0.7145	0.5025	0.2923
	14				0.9998	0.9973	0.9831	0.9348	0.8246	0.6448	0.4278
	15				0.9999	0.9992	0.9936	0.9699	0.9029	0.7691	0.5722
	16				1.0000	0.9998	0.9979	0.9876	0.9519	0.8644	0.7077
	17					0.9999	0.9994	0.9955	0.9788	0.9286	0.8192
	18					1.0000	0.9998	0.9986	0.9917	0.9666	0.8998
	19						1.0000	0.9996	0.9971	0.9862	0.9506
	20							0.9999	0.9991	0.9950	0.9786
	21							1.0000	0.9998	0.9984	0.9919
	22								1.0000	0.9996	0.9974
	23									0.9999	0.9993
	24									1.0000	0.9998
	25										1.0000

**Hinweis:** Für  $p > 0.5$  erhält man die Werte der Verteilungsfunktion aus der Beziehung  $F_{n,p}(k) = 1 - F_{n,1-p}(n-k-1)$ , wobei  $F_{n,p}$  die Verteilungsfunktion der  $B(n, p)$ -Verteilung bezeichnet.