

Tabellen mit Quantilen zu

- Normalverteilung
- t-Verteilung
- χ^2 -Verteilung
- F-Verteilung
- Binomialverteilung
- Kolmogorov-Smirnov-Anpassungstest
- Wilcoxon-Einstichproben-test
- Wilcoxon-Rangsummentest (Mann-Whitney-U-Test)
- Van-der-Waerden-Test
- Mood-Test
- Differenz-Test (Unabhängigkeit)



Verteilungsfunktion $\Phi(z)$ der Standardnormalverteilung

$\Phi(z)$ für $0 \leq z < 4.0$

z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.00	0.5000	0.5040	0.5080	0.5120	0.5160	0.5199	0.5239	0.5279	0.5319	0.5359
0.10	0.5398	0.5438	0.5478	0.5517	0.5557	0.5596	0.5636	0.5675	0.5714	0.5753
0.20	0.5793	0.5832	0.5871	0.5910	0.5948	0.5987	0.6026	0.6064	0.6103	0.6141
0.30	0.6179	0.6217	0.6255	0.6293	0.6331	0.6368	0.6406	0.6443	0.6480	0.6517
0.40	0.6554	0.6591	0.6628	0.6664	0.6700	0.6736	0.6772	0.6808	0.6844	0.6879
0.50	0.6915	0.6950	0.6985	0.7019	0.7054	0.7088	0.7123	0.7157	0.7190	0.7224
0.60	0.7257	0.7291	0.7324	0.7357	0.7389	0.7422	0.7454	0.7486	0.7517	0.7549
0.70	0.7580	0.7611	0.7642	0.7673	0.7704	0.7734	0.7764	0.7794	0.7823	0.7852
0.80	0.7881	0.7910	0.7939	0.7967	0.7995	0.8023	0.8051	0.8078	0.8106	0.8133
0.90	0.8159	0.8186	0.8212	0.8238	0.8264	0.8289	0.8315	0.8340	0.8365	0.8389
1.00	0.8413	0.8438	0.8461	0.8485	0.8508	0.8531	0.8554	0.8577	0.8599	0.8621
1.10	0.8643	0.8665	0.8686	0.8708	0.8729	0.8749	0.8770	0.8790	0.8810	0.8830
1.20	0.8849	0.8869	0.8888	0.8907	0.8925	0.8944	0.8962	0.8980	0.8997	0.9015
1.30	0.9032	0.9049	0.9066	0.9082	0.9099	0.9115	0.9131	0.9147	0.9162	0.9177
1.40	0.9192	0.9207	0.9222	0.9236	0.9251	0.9265	0.9279	0.9292	0.9306	0.9319
1.50	0.9332	0.9345	0.9357	0.9370	0.9382	0.9394	0.9406	0.9418	0.9429	0.9441
1.60	0.9452	0.9463	0.9474	0.9484	0.9495	0.9505	0.9515	0.9525	0.9535	0.9545
1.70	0.9554	0.9564	0.9573	0.9582	0.9591	0.9599	0.9608	0.9616	0.9625	0.9633
1.80	0.9641	0.9649	0.9656	0.9664	0.9671	0.9678	0.9686	0.9693	0.9699	0.9706
1.90	0.9713	0.9719	0.9726	0.9732	0.9738	0.9744	0.9750	0.9756	0.9761	0.9767
2.00	0.9772	0.9778	0.9783	0.9788	0.9793	0.9798	0.9803	0.9808	0.9812	0.9817
2.10	0.9821	0.9826	0.9830	0.9834	0.9838	0.9842	0.9846	0.9850	0.9854	0.9857
2.20	0.9861	0.9864	0.9868	0.9871	0.9875	0.9878	0.9881	0.9884	0.9887	0.9890
2.30	0.9893	0.9896	0.9898	0.9901	0.9904	0.9906	0.9909	0.9911	0.9913	0.9916
2.40	0.9918	0.9920	0.9922	0.9925	0.9927	0.9929	0.9931	0.9932	0.9934	0.9936
2.50	0.9938	0.9940	0.9941	0.9943	0.9945	0.9946	0.9948	0.9949	0.9951	0.9952
2.60	0.9953	0.9955	0.9956	0.9957	0.9959	0.9960	0.9961	0.9962	0.9963	0.9964
2.70	0.9965	0.9966	0.9967	0.9968	0.9969	0.9970	0.9971	0.9972	0.9973	0.9974
2.80	0.9974	0.9975	0.9976	0.9977	0.9977	0.9978	0.9979	0.9979	0.9980	0.9981
2.90	0.9981	0.9982	0.9982	0.9983	0.9984	0.9984	0.9985	0.9985	0.9986	0.9986
3.00	0.9987	0.9987	0.9987	0.9988	0.9988	0.9989	0.9989	0.9989	0.9990	0.9990
3.10	0.9990	0.9991	0.9991	0.9991	0.9992	0.9992	0.9992	0.9992	0.9993	0.9993
3.20	0.9993	0.9993	0.9994	0.9994	0.9994	0.9994	0.9994	0.9995	0.9995	0.9995
3.30	0.9995	0.9995	0.9995	0.9996	0.9996	0.9996	0.9996	0.9996	0.9996	0.9997
3.40	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9998
3.50	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998
3.60	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
3.70	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
3.80	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
3.90	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Hinweis: $\Phi(-z) = 1 - \Phi(z)$

Quantile $t_{1-\alpha; n}$ der t-Verteilung

(n = Anzahl der Freiheitsgrade)

n	$1 - \alpha$							
	0.900	0.950	0.975	0.990	0.995	0.9975	0.999	0.9995
1	3.0777	6.3138	12.7062	31.8205	63.6567	127.3213	318.3088	636.6192
2	1.8856	2.9200	4.3027	6.9646	9.9248	14.0890	22.3271	31.5991
3	1.6377	2.3534	3.1824	4.5407	5.8409	7.4533	10.2145	12.9240
4	1.5332	2.1318	2.7764	3.7470	4.6041	5.5976	7.1732	8.6103
5	1.4759	2.0150	2.5706	3.3649	4.0322	4.7733	5.8934	6.8688
6	1.4398	1.9432	2.4469	3.1427	3.7074	4.3168	5.2076	5.9588
7	1.4149	1.8946	2.3646	2.9980	3.4995	4.0293	4.7853	5.4079
8	1.3968	1.8595	2.3060	2.8965	3.3554	3.8325	4.5008	5.0413
9	1.3830	1.8331	2.2622	2.8214	3.2498	3.6897	4.2968	4.7809
10	1.3722	1.8125	2.2281	2.7638	3.1693	3.5814	4.1437	4.5869
11	1.3634	1.7959	2.2010	2.7181	3.1058	3.4966	4.0247	4.4370
12	1.3562	1.7823	2.1788	2.6810	3.0545	3.4284	3.9296	4.3178
13	1.3502	1.7709	2.1604	2.6503	3.0123	3.3725	3.8520	4.2208
14	1.3450	1.7613	2.1448	2.6245	2.9768	3.3257	3.7874	4.1405
15	1.3406	1.7531	2.1314	2.6025	2.9467	3.2860	3.7328	4.0728
16	1.3368	1.7459	2.1199	2.5835	2.9208	3.2520	3.6862	4.0150
17	1.3334	1.7396	2.1098	2.5669	2.8982	3.2224	3.6458	3.9651
18	1.3304	1.7341	2.1009	2.5524	2.8784	3.1966	3.6105	3.9216
19	1.3277	1.7291	2.0930	2.5395	2.8609	3.1737	3.5794	3.8834
20	1.3253	1.7247	2.0860	2.5280	2.8453	3.1534	3.5518	3.8495
21	1.3232	1.7207	2.0796	2.5176	2.8314	3.1352	3.5272	3.8193
22	1.3212	1.7171	2.0739	2.5083	2.8188	3.1188	3.5050	3.7921
23	1.3195	1.7139	2.0687	2.4999	2.8073	3.1040	3.4850	3.7676
24	1.3178	1.7109	2.0639	2.4922	2.7969	3.0905	3.4668	3.7454
25	1.3163	1.7081	2.0595	2.4851	2.7874	3.0782	3.4502	3.7251
26	1.3150	1.7056	2.0555	2.4786	2.7787	3.0669	3.4350	3.7066
27	1.3137	1.7033	2.0518	2.4727	2.7707	3.0565	3.4210	3.6896
28	1.3125	1.7011	2.0484	2.4671	2.7633	3.0469	3.4082	3.6739
29	1.3114	1.6991	2.0452	2.4620	2.7564	3.0380	3.3962	3.6594
30	1.3104	1.6973	2.0423	2.4573	2.7500	3.0298	3.3852	3.6460
40	1.3031	1.6839	2.0211	2.4233	2.7045	2.9712	3.3069	3.5510
50	1.2987	1.6759	2.0086	2.4033	2.6778	2.9370	3.2614	3.4960
60	1.2958	1.6706	2.0003	2.3901	2.6603	2.9146	3.2317	3.4602
70	1.2938	1.6669	1.9944	2.3808	2.6479	2.8987	3.2108	3.4350
80	1.2922	1.6641	1.9901	2.3739	2.6387	2.8870	3.1953	3.4163
90	1.2910	1.6620	1.9867	2.3685	2.6316	2.8779	3.1833	3.4019
100	1.2901	1.6602	1.9840	2.3642	2.6259	2.8707	3.1737	3.3905
120	1.2886	1.6577	1.9799	2.3578	2.6174	2.8599	3.1595	3.3735
140	1.2876	1.6558	1.9771	2.3533	2.6114	2.8522	3.1495	3.3614
160	1.2869	1.6544	1.9749	2.3499	2.6069	2.8465	3.1419	3.3524
180	1.2863	1.6534	1.9732	2.3472	2.6034	2.8421	3.1361	3.3454
200	1.2858	1.6525	1.9719	2.3451	2.6006	2.8385	3.1315	3.3398
500	1.2832	1.6479	1.9647	2.3338	2.5857	2.8195	3.1066	3.3101
1000	1.2824	1.6464	1.9623	2.3301	2.5808	2.8133	3.0984	3.3003
∞	1.2816	1.6449	1.9600	2.3263	2.5758	2.8070	3.0902	3.2905

**α – Quantile der F-Verteilung mit
 n_1 und n_2 Freiheitsgraden $F_{n_1, n_2; \alpha}$**

Es gilt:

$$F_{n_2, n_1; 1-\alpha} = \frac{1}{F_{n_1, n_2; \alpha}}$$

Tabelle 7: Quantile der F-Verteilung mit (n_1, n_2) Freiheitsgraden $F_{n_1, n_2; \alpha}$

n_2	α	n_1														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	0.990	4052	4999	5403	5625	5764	5859	5928	5981	6022	6056	6083	6106	6126	6143	6157
	0.975	647.8	799.5	864.2	899.6	921.8	937.1	948.2	956.7	963.3	968.6	973.0	976.7	979.8	982.5	984.9
	0.950	161.4	199.5	215.7	224.6	230.2	234.0	236.8	238.9	240.5	241.9	243.0	243.9	244.7	245.4	245.9
	0.900	39.86	49.50	53.59	55.83	57.24	58.20	58.91	59.44	59.86	60.20	60.47	60.71	60.90	61.07	61.22
2	0.990	98.50	99.00	99.17	99.25	99.30	99.33	99.36	99.37	99.39	99.40	99.41	99.42	99.42	99.43	99.43
	0.975	38.51	39.00	39.17	39.25	39.30	39.33	39.36	39.37	39.39	39.40	39.41	39.41	39.42	39.43	39.43
	0.950	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40	19.41	19.42	19.42	19.43
	0.900	8.256	9.000	9.162	9.243	9.293	9.326	9.349	9.367	9.381	9.392	9.401	9.408	9.415	9.420	9.425
3	0.990	34.12	30.82	29.46	28.71	28.24	27.91	27.67	27.49	27.35	27.23	27.13	27.05	26.98	26.92	26.87
	0.975	17.44	16.04	15.44	15.10	14.88	14.73	14.62	14.54	14.47	14.42	14.37	14.34	14.30	14.28	14.25
	0.950	10.13	9.552	9.277	9.117	9.013	8.941	8.887	8.845	8.812	8.786	8.763	8.745	8.729	8.715	8.703
	0.900	5.538	5.462	5.391	5.343	5.309	5.285	5.266	5.252	5.240	5.230	5.222	5.216	5.210	5.205	5.200
4	0.990	21.20	18.00	16.69	15.98	15.52	15.21	14.98	14.80	14.66	14.55	14.45	14.37	14.31	14.25	14.20
	0.975	12.22	10.65	9.979	9.605	9.364	9.197	9.074	8.980	8.905	8.844	8.794	8.751	8.715	8.684	8.657
	0.950	7.709	6.944	6.591	6.388	6.256	6.163	6.094	6.041	5.999	5.964	5.936	5.912	5.891	5.873	5.858
	0.900	4.545	4.325	4.191	4.107	4.051	4.010	3.979	3.955	3.936	3.920	3.907	3.896	3.886	3.878	3.870
5	0.990	16.26	13.27	12.06	11.39	10.97	10.67	10.46	10.29	10.16	10.05	9.263	9.888	9.825	9.770	9.722
	0.975	10.01	8.434	7.764	7.388	7.416	6.978	6.853	6.757	6.681	6.619	6.568	6.525	6.488	6.456	6.428
	0.950	6.608	5.786	5.409	5.192	5.050	4.950	4.876	4.818	4.772	4.735	4.704	4.678	4.655	4.636	4.619
	0.900	4.060	3.780	3.619	3.520	3.453	3.405	3.368	3.339	3.316	3.297	3.282	3.268	3.257	3.247	3.238

Tabelle 7: Quantile der F-Verteilung mit (n_1, n_2) Freiheitsgraden $F_{n_1, n_2; \alpha}$
(Forts.)

n_2	α	n_1														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
6	0.990	13.75	10.92	9.780	9.148	8.746	8.466	8.260	8.102	7.976	7.874	7.790	7.718	7.658	7.605	7.559
	0.975	8.813	7.260	6.599	6.227	5.988	5.820	5.695	5.600	5.523	5.461	5.410	5.366	5.329	5.297	5.269
	0.950	5.987	5.143	4.757	4.534	4.387	4.284	4.207	4.147	4.099	4.060	4.027	4.000	3.976	3.956	3.938
	0.900	3.776	3.463	3.289	3.181	3.108	3.055	3.014	2.983	2.958	2.937	2.919	2.905	2.892	2.881	2.871
7	0.990	12.25	9.547	8.451	7.847	7.460	7.191	6.993	6.840	6.719	6.620	6.538	6.469	6.410	6.359	6.314
	0.975	8.073	6.542	5.890	5.523	5.285	5.119	4.995	4.899	4.823	4.761	4.709	4.666	4.628	4.596	4.568
	0.950	5.591	4.737	4.347	4.120	3.972	3.866	3.787	3.726	3.677	3.637	3.603	3.575	3.550	3.529	3.511
	0.900	3.589	3.257	3.074	2.961	2.883	2.827	2.785	2.752	2.725	2.703	2.684	2.668	2.654	2.643	2.632
8	0.990	11.26	8.649	7.591	7.006	6.632	6.371	6.178	6.029	5.911	5.814	5.734	5.667	5.609	5.559	5.515
	0.975	7.571	6.059	5.416	5.053	4.817	4.652	4.529	4.433	4.357	4.295	4.243	4.200	4.162	4.130	4.101
	0.950	5.318	4.459	4.066	3.838	3.687	3.581	3.500	3.438	3.388	3.347	3.313	3.284	3.259	3.237	3.218
	0.900	3.458	3.113	2.924	2.806	2.726	2.668	2.624	2.589	2.561	2.538	2.519	2.502	2.488	2.475	2.464
9	0.990	10.56	8.022	6.992	6.422	6.057	5.802	5.613	5.467	5.351	5.257	5.178	5.111	5.055	5.005	4.962
	0.975	7.209	5.715	5.078	4.718	4.484	4.320	4.197	4.102	4.026	3.964	3.912	3.868	3.831	3.798	3.769
	0.950	5.117	4.256	3.863	3.633	3.482	3.374	3.293	3.230	3.179	3.137	3.102	3.073	3.048	3.025	3.006
	0.900	3.360	3.006	2.813	2.693	2.611	2.551	2.505	2.469	2.440	2.416	2.396	2.379	2.364	2.351	2.340
10	0.990	10.04	7.559	6.552	5.994	5.636	5.386	5.200	5.057	4.942	4.849	4.772	4.706	4.650	4.601	4.558
	0.975	6.937	5.456	4.826	4.468	4.236	4.072	3.950	3.855	3.779	3.717	3.665	3.621	3.583	3.550	3.522
	0.950	4.965	4.103	3.708	3.478	3.326	3.217	3.135	3.072	3.020	2.978	2.943	2.913	2.887	2.865	2.845
	0.900	3.285	2.924	2.728	2.605	2.522	2.461	2.414	2.377	2.347	2.323	2.302	2.284	2.269	2.255	2.244

Tabelle 7: Quantile der F-Verteilung mit (n_1, n_2) Freiheitsgraden $F_{n_1, n_2; \alpha}$ (Forts.)

n_2	α	n_1														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
11	0.990	9.646	7.206	6.217	5.668	5.316	5.069	4.886	4.744	4.632	4.539	4.462	4.397	4.342	4.293	4.251
	0.975	6.724	5.256	4.630	4.257	4.044	3.881	3.759	3.664	3.588	3.526	3.474	3.430	3.392	3.359	3.330
	0.950	4.844	3.982	3.587	3.357	3.204	3.095	3.012	2.948	2.896	2.854	2.818	2.788	2.761	2.739	2.719
	0.900	3.225	2.860	2.660	2.536	2.451	2.389	2.342	2.304	2.274	2.248	2.227	2.209	2.193	2.179	2.167
12	0.990	9.330	6.927	5.953	5.412	5.064	4.821	4.640	4.499	4.388	4.296	4.220	4.155	4.100	4.052	4.010
	0.975	6.554	5.096	4.474	4.121	3.891	3.728	3.607	3.512	3.436	3.374	3.321	3.277	3.239	3.206	3.177
	0.950	4.747	3.885	3.490	3.259	3.106	2.996	2.913	2.849	2.796	2.753	2.717	2.687	2.660	2.637	2.617
	0.900	3.177	2.807	2.606	2.480	2.394	2.331	2.283	2.245	2.214	2.188	2.166	2.147	2.131	2.117	2.105
13	0.990	9.074	6.701	5.739	5.205	4.862	4.620	4.441	4.302	4.191	4.100	4.025	3.960	3.905	3.857	3.815
	0.975	6.414	4.965	4.347	3.996	3.767	3.604	3.483	3.388	3.312	3.250	3.197	3.153	3.115	3.082	3.053
	0.950	4.667	3.806	3.411	3.179	3.025	2.915	2.832	2.767	2.714	2.671	2.635	2.604	2.577	2.533	2.533
	0.900	3.136	2.763	2.560	2.434	2.347	2.283	2.234	2.195	2.164	2.138	2.116	2.097	2.080	2.066	2.053
14	0.990	8.862	6.515	5.564	5.035	4.695	4.456	4.278	4.140	4.030	3.939	3.864	3.800	3.745	3.697	3.656
	0.975	6.298	4.857	4.242	3.892	3.663	3.501	3.380	3.285	3.209	3.147	3.095	3.050	3.012	2.978	2.949
	0.950	4.600	3.739	3.344	3.112	2.958	2.848	2.764	2.699	2.646	2.602	2.565	2.534	2.507	2.484	2.463
	0.900	3.102	2.726	2.522	2.395	2.307	2.243	2.193	2.154	2.122	2.095	2.073	2.054	2.037	2.022	2.010
15	0.990	8.683	6.359	5.417	4.893	4.556	4.318	4.142	4.004	3.895	3.805	3.730	3.666	3.612	3.564	3.522
	0.975	6.200	4.765	4.153	3.804	3.576	3.415	3.293	3.199	3.123	3.060	3.008	2.963	2.925	2.891	2.862
	0.950	4.543	3.682	3.287	3.056	2.901	2.790	2.707	2.641	2.588	2.544	2.507	2.475	2.448	2.424	2.403
	0.900	3.073	2.965	2.490	2.361	2.273	2.208	2.158	2.119	2.086	2.059	2.037	2.017	2.000	1.985	1.972

2,695

Tabelle 7: Quantile der F-Verteilung mit (n_1, n_2) Freiheitsgraden $F_{n_1, n_2; \alpha}$ (Forts.)

n_2	α	n_1														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	0.990	8.531	6.226	5.292	4.773	4.437	4.202	4.026	3.890	3.780	3.691	3.616	3.553	3.498	3.450	3.409
	0.975	6.115	4.687	4.077	3.729	3.502	3.341	3.219	3.125	3.049	2.986	2.934	2.889	2.851	2.817	2.788
	0.950	4.494	3.634	3.239	3.007	2.852	2.741	2.657	2.591	2.538	2.494	2.456	2.425	2.397	2.373	2.352
	0.900	3.048	2.668	2.462	2.333	2.244	2.178	2.128	2.088	2.055	2.028	2.005	1.985	1.968	1.953	1.940
17	0.990	8.400	6.112	5.185	4.669	4.336	4.102	3.927	3.791	3.682	3.593	3.519	3.455	3.401	3.353	3.312
	0.975	6.042	4.619	4.011	3.665	4.438	3.277	3.156	3.061	2.985	2.922	2.870	2.825	2.786	2.753	2.723
	0.950	4.451	3.592	3.197	2.965	2.810	2.699	2.614	2.548	2.494	2.450	2.413	2.381	2.353	2.329	2.308
	0.900	3.026	2.645	2.437	2.308	2.218	2.152	2.102	2.061	2.028	2.001	1.978	1.958	1.940	1.925	1.912
18	0.990	8.285	6.013	5.092	4.579	4.248	4.015	3.841	3.705	3.597	3.508	3.434	3.371	3.316	3.269	3.227
	0.975	5.978	4.560	3.954	3.608	3.382	3.221	3.100	3.005	2.929	2.866	2.814	2.769	2.730	2.696	2.667
	0.950	4.414	3.555	3.160	2.928	2.773	2.661	2.577	2.510	2.456	2.412	2.374	2.342	2.314	2.290	2.269
	0.900	3.007	2.624	2.416	2.286	2.196	2.130	2.079	2.038	2.005	1.977	1.954	1.933	1.916	1.900	1.887
19	0.990	8.185	5.926	5.010	4.500	4.171	3.939	3.765	3.631	3.523	3.434	3.360	3.297	3.242	3.195	3.153
	0.975	5.922	4.508	3.903	3.559	3.333	3.172	3.051	2.956	2.880	2.817	2.765	2.720	2.681	2.647	2.617
	0.950	4.381	3.522	3.127	2.895	2.740	2.628	2.544	2.477	2.423	2.378	2.340	2.308	2.280	2.256	2.234
	0.900	2.990	2.606	2.397	2.266	2.176	2.109	2.058	2.017	1.984	1.956	1.932	1.912	1.894	1.878	1.865
20	0.990	8.096	5.849	4.938	4.431	4.103	3.871	3.699	3.564	3.457	3.368	3.294	3.231	3.177	3.130	3.088
	0.975	5.871	4.461	3.859	3.515	3.289	3.128	3.007	2.913	2.837	2.774	2.721	2.676	2.637	2.603	2.573
	0.950	4.351	3.493	3.098	2.866	2.711	2.599	2.514	2.447	2.393	2.348	2.310	2.278	2.250	2.225	2.203
	0.900	2.975	2.589	2.380	2.249	2.158	2.091	2.040	1.999	1.965	1.937	1.913	1.892	1.875	1.859	1.845

Tabelle 7: Quantile der F-Verteilung mit (n_1, n_2) Freiheitsgraden $F_{n_1, n_2; \alpha}$
 (Forts.)

n_2	α	n_1														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
25	0.990	7.770	5.568	4.675	4.177	3.855	3.627	3.457	3.324	3.217	3.129	3.056	2.993	2.939	2.892	2.850
	0.975	5.686	4.291	3.694	3.353	3.129	2.969	2.848	2.753	2.677	2.613	2.560	2.515	2.476	2.441	2.411
	0.950	4.242	3.385	2.991	2.759	2.603	2.490	2.405	2.337	2.282	2.236	2.198	2.165	2.136	2.111	2.089
	0.900	2.918	2.528	2.317	2.184	2.092	2.024	1.971	1.929	1.895	1.866	1.841	1.820	1.802	1.785	1.771
30	0.990	7.562	5.390	4.510	4.018	3.699	3.473	3.304	3.173	3.067	2.979	2.905	2.843	2.789	2.742	2.700
	0.975	5.568	4.182	3.589	3.250	3.026	2.867	2.746	2.651	2.275	2.511	2.458	2.412	2.372	2.338	2.307
	0.950	4.171	3.316	2.922	2.690	2.534	2.421	2.334	2.266	2.211	2.165	2.126	2.092	2.063	2.037	2.015
	0.900	2.881	2.489	2.276	2.142	2.049	1.980	1.927	1.884	1.849	1.819	1.794	1.773	1.754	1.737	1.722
40	0.990	7.314	5.179	4.313	3.828	3.514	3.291	3.124	2.993	2.888	2.801	2.727	2.665	2.611	2.563	2.522
	0.975	5.424	4.051	3.463	3.126	2.904	2.744	2.624	2.529	2.452	2.388	2.334	2.288	2.248	2.213	2.182
	0.950	4.085	3.232	2.839	2.606	2.449	2.336	2.249	2.180	2.124	2.077	2.038	2.003	1.974	1.947	1.924
	0.900	2.835	2.440	2.226	2.091	1.997	1.927	1.873	1.829	1.793	1.763	1.737	1.715	1.695	1.678	1.662
50	0.990	7.171	5.057	4.199	3.720	3.048	3.186	3.020	2.890	2.785	2.698	2.625	2.562	2.508	2.461	2.419
	0.975	5.340	3.975	3.390	3.054	2.833	2.674	2.553	2.458	2.381	2.317	2.263	2.216	2.176	2.140	2.109
	0.950	4.034	3.183	2.790	2.557	2.400	2.286	2.199	2.130	2.073	2.026	1.986	1.952	1.921	1.895	1.871
	0.900	2.809	2.412	2.197	2.061	1.966	1.895	1.840	1.796	1.760	1.729	1.703	1.680	1.660	1.643	1.627
75	0.990	6.985	4.900	4.054	3.580	3.272	3.052	2.887	2.758	2.653	2.567	2.494	2.431	2.377	2.329	2.287
	0.975	5.232	3.876	3.296	2.962	2.741	2.582	2.461	2.366	2.289	2.224	2.170	2.123	2.082	2.046	2.014
	0.950	3.969	3.119	2.727	2.494	2.337	2.222	2.134	2.064	2.007	1.959	1.919	1.887	1.853	1.826	1.802
	0.900	2.774	2.375	2.158	2.021	1.926	1.854	1.799	1.754	1.716	1.685	1.658	1.635	1.614	1.596	1.580

 Tabelle 7: Quantile der F-Verteilung mit (n_1, n_2) Freiheitsgraden $F_{n_1, n_2; \alpha}$
 (Forts.)

n_2	α	n_1														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
100	0.990	6.895	4.824	3.984	3.513	3.206	2.988	2.823	2.694	2.590	2.503	2.430	2.367	2.313	2.265	2.223
	0.975	5.179	3.828	3.250	2.917	2.696	2.537	2.417	2.321	2.244	2.179	2.124	2.077	2.036	2.000	1.968
	0.950	3.936	3.087	2.696	2.463	2.305	2.191	2.103	2.032	1.975	1.927	1.886	1.850	1.819	1.792	1.768
	0.900	2.756	2.356	2.139	2.002	1.906	1.834	1.778	1.732	1.695	1.663	1.636	1.612	1.592	1.573	1.557
150	0.990	6.807	4.750	3.915	3.447	3.142	2.924	2.761	2.632	2.528	2.441	2.368	2.305	2.251	2.203	2.160
	0.975	5.126	3.781	3.204	2.872	2.652	2.494	2.373	2.278	2.200	2.135	2.080	2.033	1.991	1.955	1.922
	0.950	3.904	3.056	2.665	2.432	2.275	2.160	2.071	2.001	1.943	1.894	1.853	1.817	1.786	1.758	1.734
	0.900	2.739	2.338	2.121	1.983	1.886	1.814	1.757	1.712	1.674	1.642	1.614	1.590	1.569	1.550	1.533
200	0.990	6.763	4.713	3.881	3.414	3.110	2.893	2.730	2.601	2.497	2.411	2.338	2.275	2.220	2.172	2.129
	0.975	5.100	3.758	3.182	2.850	2.630	2.472	2.351	2.256	2.178	2.113	2.058	2.010	1.969	1.932	1.900
	0.950	3.888	3.041	2.650	2.417	2.259	2.144	2.056	1.985	1.927	1.878	1.837	1.801	1.769	1.742	1.717
	0.900	2.731	2.329	2.111	1.973	1.876	1.804	1.747	1.701	1.663	1.631	1.603	1.579	1.558	1.539	1.522
500	0.990	6.686	4.648	3.821	3.357	3.054	2.838	2.675	2.547	2.443	2.357	2.283	2.220	2.166	2.117	2.075
	0.975	5.054	3.716	3.142	2.811	2.592	2.434	2.313	2.217	2.139	2.074	2.019	1.971	1.929	1.892	1.859
	0.950	3.860	3.014	2.623	2.390	2.232	2.117	2.028	1.957	1.899	1.850	1.808	1.772	1.740	1.712	1.686
	0.900	2.716	2.313	2.095	1.956	1.859	1.786	1.729	1.683	1.644	1.612	1.584	1.559	1.537	1.518	1.501
∞	0.990	6.635	4.605	3.782	3.319	3.017	2.802	2.639	2.511	2.407	2.321	2.248	2.185	2.130	2.081	2.039
	0.975	5.024	3.689	3.116	2.786	2.567	2.408	2.288	2.192	2.114	2.048	1.993	1.945	1.903	1.866	1.833
	0.950	3.841	2.996	2.605	2.372	2.214	2.099	2.010	1.938	1.880	1.831	1.789	1.752	1.720	1.692	1.666
	0.900	2.706	2.303	2.084	1.945	1.847	1.774	1.717	1.670	1.632	1.599	1.571	1.546	1.524	1.505	1.487

Tabelle 7: Quantile der F-Verteilung mit (n_1, n_2) Freiheitsgraden $F_{n_1, n_2; \alpha}$
(Forts.)

n_2	α	n_1														
		16	17	18	19	20	25	30	40	50	75	100	150	200	500	∞
1	0.990	6170	6181	6192	6201	6209	6340	6261	6287	6303	6324	6334	6345	6350	6359	6366
	0.975	986.9	988.7	990.3	991.8	993.1	998.1	1001	1006	1008	1011	1013	1015	1016	1017	1018
	0.950	246.5	246.9	247.3	247.7	248.0	249.3	250.1	251.1	251.8	252.6	253.0	253.5	253.7	254.1	254.3
	0.900	61.35	61.46	61.57	61.66	61.74	62.06	62.26	62.53	62.69	62.69	63.01	63.12	63.17	63.26	63.33
2	0.990	99.44	99.44	99.44	99.45	99.45	99.46	99.47	99.47	99.48	99.48	99.49	99.49	99.49	99.50	99.50
	0.975	39.44	39.44	39.44	39.45	39.45	39.46	39.46	39.47	39.48	39.49	39.49	39.49	39.49	39.50	39.50
	0.950	19.43	19.44	19.44	19.44	19.45	19.46	19.46	19.47	19.48	19.48	19.49	19.49	19.49	19.49	19.50
	0.900	9.429	9.433	9.436	9.439	9.441	9.451	9.458	9.466	9.471	9.478	9.481	9.485	9.486	9.489	9.491
3	0.990	26.83	26.79	26.75	26.72	26.69	26.58	26.50	26.41	26.35	26.28	26.24	26.20	26.18	26.15	26.13
	0.975	14.23	14.21	14.20	14.18	14.17	14.12	14.08	14.04	14.01	13.97	13.96	13.94	13.93	13.91	13.90
	0.950	8.692	8.683	8.675	8.667	8.660	8.634	8.617	8.594	8.581	8.563	8.554	8.545	8.540	8.832	8.526
	0.900	5.196	5.193	5.190	5.187	5.184	5.175	5.168	5.160	5.155	5.148	5.144	5.141	5.139	5.136	5.134
4	0.990	14.15	14.11	14.08	14.05	14.02	13.91	13.84	13.75	13.69	13.62	13.58	13.54	13.52	13.49	13.46
	0.975	8.633	8.611	8.592	8.575	8.560	8.501	8.461	8.411	8.381	8.340	8.319	8.299	8.289	8.270	8.257
	0.950	5.844	5.832	5.821	5.811	5.803	5.769	5.746	5.717	5.699	5.676	5.664	5.652	5.646	5.635	5.628
	0.900	3.864	3.858	3.853	3.849	3.844	3.828	3.817	3.804	3.795	3.784	3.778	3.772	3.769	3.764	3.761
5	0.990	9.680	9.643	9.610	9.580	9.553	9.449	9.379	9.291	9.238	9.166	9.130	9.094	9.075	9.042	9.020
	0.975	6.403	6.381	6.362	6.344	6.329	6.268	6.227	6.175	6.144	6.101	6.080	6.059	6.048	6.028	6.015
	0.950	4.604	4.590	4.578	4.568	4.558	4.521	4.496	4.464	4.444	4.418	4.405	4.392	4.385	4.373	4.365
	0.900	3.230	3.223	3.217	3.212	3.207	3.187	3.174	3.157	3.147	3.133	3.126	3.119	3.116	3.109	3.105

Tabelle 7: Quantile der F-Verteilung mit (n_1, n_2) Freiheitsgraden $F_{n_1, n_2; \alpha}$
(Forts.)

n_2	α	n_1														
		16	17	18	19	20	25	30	40	50	75	100	150	200	500	∞
6	0.990	7.519	7.843	7.451	7.422	7.396	7.296	7.229	7.143	7.091	7.022	6.987	6.951	6.934	6.902	6.880
	0.975	5.244	5.222	5.202	5.184	5.168	5.107	5.065	5.012	4.980	4.937	4.915	4.894	4.882	4.863	4.849
	0.950	3.922	3.908	3.896	3.884	3.874	3.774	3.808	3.774	3.754	3.726	3.712	3.698	3.690	3.677	3.669
	0.900	2.863	2.855	2.848	2.842	2.836	2.815	2.800	2.781	2.770	2.754	2.746	2.738	2.734	2.727	2.722
7	0.990	6.275	6.240	6.209	6.181	6.155	6.058	5.992	5.908	5.858	5.789	5.755	5.720	5.702	5.671	5.650
	0.975	4.543	4.521	4.501	4.483	4.467	4.405	4.362	4.309	4.276	4.232	4.210	4.188	4.176	4.156	4.142
	0.950	3.494	3.480	3.467	3.455	3.445	3.404	3.376	3.340	3.319	3.290	3.275	3.260	3.252	3.239	3.230
	0.900	2.623	2.615	2.607	2.601	2.595	2.571	2.555	2.535	2.523	2.506	2.497	2.489	2.484	2.476	2.471
8	0.990	5.477	5.442	5.412	5.384	5.359	5.263	5.198	5.116	5.065	4.998	4.963	4.929	4.911	4.880	4.859
	0.975	4.076	4.054	4.034	4.016	3.999	3.937	3.894	3.840	3.807	3.762	3.739	3.717	3.705	3.684	3.670
	0.950	3.202	3.187	3.173	3.161	3.150	3.108	3.079	3.043	3.020	2.990	2.975	2.959	2.951	2.937	2.928
	0.900	2.455	2.446	2.438	2.431	2.425	2.400	2.383	2.361	2.348	2.330	2.321	2.312	2.307	2.298	2.293
9	0.990	4.924	4.890	4.860	4.833	4.808	4.713	4.649	4.567	4.517	4.449	4.415	4.381	4.363	4.332	4.311
	0.975	3.744	3.722	3.701	3.683	3.667	3.604	3.560	3.505	3.472	3.427	3.403	3.380	3.368	3.347	3.333
	0.950	2.989	2.974	2.960	2.648	2.936	2.826	2.864	2.826	2.803	2.772	2.576	2.739	2.731	2.717	2.707
	0.900	2.329	2.320	2.312	2.305	2.298	2.272	2.255	2.232	2.218	2.199	2.189	2.179	2.174	2.165	2.159
10	0.990	4.520	4.487	4.457	4.430	4.405	4.311	4.247	4.165	4.155	4.048	4.014	3.979	3.962	3.930	3.909
	0.975	3.496	3.474	3.453	3.435	3.419	3.355	3.311	3.255	3.221	3.175	3.152	3.128	3.116	3.094	3.080
	0.950	2.828	2.812	2.798	2.785	2.774	2.730	2.700	2.661	2.637	2.605	2.588	2.572	2.563	2.548	2.538
	0.900	2.233	2.224	2.215	2.208	2.201	2.174	2.155	2.132	2.117	2.097	2.087	2.077	2.071	2.062	2.055

Tabelle 7: Quantile der F-Verteilung mit (n_1, n_2) Freiheitsgraden $F_{n_1, n_2; \alpha}$
 (Forts.)

n_2	α	n_1														
		16	17	18	19	20	25	30	40	50	75	100	150	200	500	∞
11	0.990	4.213	4.180	4.150	4.123	4.099	4.005	3.941	3.860	3.810	3.742	3.708	3.673	3.656	3.624	3.602
	0.975	3.304	3.282	3.261	3.243	3.226	3.162	3.118	3.061	3.027	2.980	2.956	2.932	2.920	2.898	2.883
	0.950	2.701	2.685	2.671	2.658	2.646	2.601	2.570	2.531	2.507	2.474	2.457	2.439	2.431	2.415	2.404
	0.900	2.156	2.147	2.138	2.130	2.123	2.095	2.076	2.052	2.036	2.016	2.005	1.994	1.989	1.983	1.972
12	0.990	3.972	3.939	3.909	3.883	3.858	3.765	3.701	3.619	3.569	3.501	3.467	3.432	3.414	3.382	3.361
	0.975	3.152	3.129	3.108	3.090	3.073	3.008	2.963	2.906	2.871	2.824	2.800	2.775	2.763	2.740	2.725
	0.950	2.599	2.583	2.568	2.555	2.544	2.498	2.466	2.426	2.401	2.367	2.350	2.332	2.323	2.307	2.296
	0.900	2.094	2.084	2.075	2.067	2.060	2.031	2.011	1.986	1.970	1.949	1.938	1.927	1.921	1.911	1.904
13	0.990	3.778	3.745	3.716	3.689	3.665	3.571	3.507	3.425	3.375	3.307	3.272	3.237	3.219	3.187	3.165
	0.975	3.027	3.004	2.983	2.965	2.948	2.882	2.837	2.780	2.744	2.696	2.671	2.647	2.634	2.611	2.595
	0.950	2.515	2.499	2.484	2.471	2.459	2.412	2.380	2.339	2.314	2.279	2.261	2.243	2.234	2.218	2.206
	0.900	2.042	2.032	2.023	2.014	2.007	1.978	1.958	1.931	1.915	1.893	1.882	1.870	1.864	1.854	1.846
14	0.990	3.619	3.586	3.556	3.529	3.505	3.412	3.348	3.266	3.215	3.147	3.112	3.076	3.059	3.026	3.004
	0.975	2.923	2.900	2.879	2.861	2.844	2.778	2.732	2.674	2.638	2.590	2.565	2.539	2.526	2.503	2.487
	0.950	2.445	2.428	2.413	2.400	2.388	2.341	2.308	2.266	2.241	2.205	2.187	2.169	2.159	2.142	2.131
	0.900	1.998	1.988	1.978	1.970	1.962	1.933	1.912	1.885	1.869	1.846	1.834	1.822	1.816	1.805	1.797
15	0.990	3.485	3.452	3.423	3.396	3.372	3.278	3.214	3.132	3.081	3.013	2.977	2.942	2.923	2.891	2.868
	0.975	2.836	2.813	2.792	2.773	2.756	2.689	2.644	2.585	2.549	2.499	2.474	2.448	2.435	2.411	2.395
	0.950	2.385	2.368	2.353	2.340	2.328	2.280	2.247	2.204	2.178	2.142	2.123	2.105	2.095	2.078	2.066
	0.900	1.961	1.950	1.941	1.932	1.924	1.894	1.873	1.845	1.828	1.805	1.793	1.781	1.774	1.763	1.755

 Tabelle 7: Quantile der F-Verteilung mit (n_1, n_2) Freiheitsgraden $F_{n_1, n_2; \alpha}$
 (Forts.)

n_2	α	n_1														
		16	17	18	19	20	25	30	40	50	75	100	150	200	500	∞
16	0.990	3.372	3.339	3.310	3.283	3.259	3.165	3.101	3.018	2.967	2.898	2.863	2.827	2.808	2.775	2.753
	0.975	2.761	2.738	2.717	2.698	2.681	2.614	2.568	2.509	2.472	2.422	2.396	2.370	2.357	2.333	2.316
	0.950	2.333	2.317	2.302	2.288	2.276	2.227	2.194	2.151	2.124	2.087	2.068	2.049	2.039	2.022	2.010
	0.900	1.928	1.917	1.908	1.899	1.891	1.860	1.839	1.811	1.793	1.769	1.757	1.744	1.738	1.726	1.718
17	0.990	3.275	3.242	3.212	3.186	3.162	3.068	3.003	2.920	2.869	2.800	2.764	2.728	2.709	2.676	2.653
	0.975	2.697	2.673	2.652	2.633	2.616	2.548	2.502	2.442	2.405	2.355	2.329	2.302	2.289	2.264	2.247
	0.950	2.289	2.272	2.257	2.243	2.230	2.181	2.148	2.104	2.077	2.040	2.020	2.001	1.991	1.973	1.960
	0.900	1.900	1.889	1.879	1.870	1.862	1.831	1.809	1.781	1.763	1.738	1.726	1.713	1.706	1.694	1.686
18	0.990	3.190	3.158	3.128	3.101	3.077	2.983	2.919	2.835	2.784	2.714	2.678	2.641	2.623	2.589	2.566
	0.975	2.640	2.617	2.596	2.576	2.559	2.491	2.444	2.384	2.347	2.296	2.269	2.242	2.229	2.204	2.187
	0.950	2.250	2.233	2.217	2.203	2.191	2.141	2.107	2.063	2.035	1.998	1.978	1.958	1.948	1.929	1.917
	0.900	1.875	1.864	1.854	1.845	1.837	1.805	1.783	1.754	1.736	1.711	1.698	1.684	1.678	1.665	1.657
19	0.990	3.116	3.084	3.054	3.027	3.003	2.909	2.844	2.761	2.709	2.639	2.602	2.565	2.547	2.512	2.489
	0.975	2.591	2.567	2.546	2.526	2.509	2.441	2.394	2.333	2.295	2.243	2.217	2.190	2.176	2.150	2.133
	0.950	2.215	2.198	2.182	2.168	2.155	2.106	2.071	2.026	1.999	1.960	1.940	1.920	1.910	1.891	1.878
	0.900	1.852	1.841	1.831	1.822	1.814	1.782	1.759	1.730	1.711	1.686	1.673	1.659	1.652	1.639	1.631
20	0.990	3.051	3.018	2.989	2.962	2.938	2.843	2.778	2.695	2.643	2.572	2.535	2.498	2.479	2.445	2.421
	0.975	2.547	2.523	2.501	2.482	2.464	2.396	2.349	2.287	2.249	2.197	2.170	2.142	2.128	2.103	2.085
	0.950	2.184	2.167	2.151	2.137	2.124	2.074	2.039	1.994	1.966	1.927	1.907	1.886	1.875	1.856	1.843
	0.900	1.833	1.821	1.811	1.802	1.794	1.761	1.738	1.708	1.690	1.664	1.650	1.636	1.629	1.616	1.607

Tabelle 7: Quantile der F-Verteilung mit (n_1, n_2) Freiheitsgraden $F_{n_1, n_2; \alpha}$
(Forts.)

n_2	α	n_1														
		16	17	18	19	20	25	30	40	50	75	100	150	200	500	∞
25	0.990	2.813	2.780	2.751	2.724	2.699	2.604	2.583	2.453	2.400	2.327	2.289	2.250	2.230	2.200	2.176
	0.975	2.384	2.360	2.338	2.318	2.300	2.230	2.182	2.118	2.079	2.024	1.996	1.966	1.952	1.926	1.908
	0.950	2.069	2.051	2.035	2.021	2.007	1.955	1.919	1.872	1.842	1.801	1.779	1.757	1.746	1.726	1.712
	0.900	1.758	1.746	1.736	1.726	1.718	1.683	1.659	1.627	1.607	1.579	1.565	1.549	1.542	1.527	1.517
30	0.990	2.663	2.630	2.600	2.573	2.549	2.453	2.386	2.299	2.245	2.170	2.131	2.091	2.070	2.032	2.006
	0.975	2.280	2.255	2.233	2.213	2.195	2.124	2.074	2.009	1.968	1.911	1.882	1.851	1.835	1.807	1.787
	0.950	1.995	1.976	1.960	1.945	1.932	1.878	1.841	1.792	1.761	1.718	1.695	1.672	1.660	1.638	1.622
	0.900	1.709	1.697	1.686	1.676	1.667	1.632	1.606	1.573	1.552	1.523	1.507	1.491	1.482	1.467	1.456
40	0.990	2.484	2.451	2.421	2.394	2.369	2.271	2.203	2.114	2.058	1.980	1.938	1.896	1.874	1.833	1.805
	0.975	2.154	2.129	2.107	2.086	2.068	1.994	1.943	1.875	1.832	1.772	1.741	1.708	1.691	1.659	1.637
	0.950	1.904	1.885	1.868	1.853	1.839	1.783	1.744	1.693	1.660	1.614	1.589	1.564	1.551	1.526	1.509
	0.900	1.649	1.636	1.625	1.615	1.605	1.568	1.541	1.506	1.483	1.451	1.434	1.416	1.406	1.389	1.377
50	0.990	2.382	2.348	2.318	2.290	2.265	2.167	2.098	2.007	1.949	1.868	1.825	1.780	1.757	1.713	1.683
	0.975	2.081	2.056	2.033	2.012	1.993	1.919	1.866	1.796	1.752	1.689	1.656	1.621	1.603	1.569	1.545
	0.950	1.850	1.831	1.814	1.798	1.784	1.727	1.687	1.634	1.599	1.551	1.525	1.498	1.484	1.457	1.438
	0.900	1.613	1.600	1.588	1.578	1.568	1.529	1.502	1.465	1.441	1.407	1.388	1.369	1.359	1.340	1.327
75	0.990	2.249	2.216	2.185	2.157	2.132	2.031	1.960	1.866	1.806	1.720	1.674	1.625	1.599	1.551	1.419
	0.975	1.986	1.960	1.937	1.916	1.896	1.819	1.765	1.692	1.645	1.578	1.542	1.503	1.483	1.444	1.345
	0.950	1.780	1.761	1.743	1.727	1.712	1.653	1.611	1.555	1.518	1.466	1.437	1.407	1.391	1.360	1.283
	0.900	1.565	1.552	1.540	1.529	1.519	1.478	1.449	1.410	1.384	1.347	1.326	1.304	1.293	1.270	1.214

Tabelle 7: Quantile der F-Verteilung mit (n_1, n_2) Freiheitsgraden $F_{n_1, n_2; \alpha}$
(Forts.)

n_2	α	n_1														
		16	17	18	19	20	25	30	40	50	75	100	150	200	500	∞
100	0.990	2.185	2.151	2.120	2.092	2.067	1.965	1.893	1.797	1.735	1.646	1.598	1.546	1.518	1.466	1.427
	0.975	1.939	1.913	1.890	1.868	1.849	1.770	1.715	1.640	1.592	1.522	1.483	1.442	1.420	1.378	1.347
	0.950	1.746	1.726	1.708	1.691	1.676	1.616	1.573	1.515	1.477	1.422	1.392	1.359	1.342	1.308	1.283
	0.900	1.542	1.528	1.516	1.505	1.494	1.453	1.423	1.382	1.355	1.315	1.293	1.270	1.257	1.232	1.214
150	0.990	2.122	2.088	2.057	2.029	2.003	1.900	1.827	1.729	1.665	1.572	1.520	1.465	1.435	1.376	1.331
	0.975	1.893	1.867	1.843	1.821	1.801	1.722	1.665	1.588	1.538	1.464	1.423	1.379	1.355	1.307	1.271
	0.950	1.711	1.691	1.673	1.656	1.641	1.580	1.535	1.475	1.436	1.377	1.345	1.309	1.290	1.252	1.222
	0.900	1.518	1.505	1.492	1.480	1.470	1.427	1.396	1.353	1.325	1.283	1.260	1.234	1.219	1.191	1.169
200	0.990	2.091	2.057	2.026	1.997	1.971	1.868	1.794	1.694	1.629	1.534	1.481	1.423	1.391	1.328	1.279
	0.975	1.870	1.844	1.820	1.798	1.778	1.698	1.640	1.562	1.511	1.435	1.393	1.346	1.320	1.269	1.229
	0.950	1.694	1.674	1.656	1.639	1.623	1.561	1.516	1.455	1.415	1.354	1.321	1.283	1.263	1.221	1.189
	0.900	1.507	1.493	1.480	1.468	1.458	1.414	1.383	1.339	1.310	1.267	1.242	1.214	1.199	1.168	1.144
500	0.990	2.036	2.002	1.970	1.942	1.915	1.812	1.735	1.633	1.566	1.465	1.408	1.344	1.308	1.232	1.164
	0.975	1.830	1.803	1.779	1.757	1.736	1.655	1.596	1.515	1.462	1.381	1.336	1.284	1.254	1.192	1.137
	0.950	1.664	1.643	1.625	1.607	1.592	1.528	1.482	1.419	1.376	1.312	1.275	1.233	1.210	1.159	1.113
	0.900	1.485	1.471	1.458	1.446	1.435	1.391	1.358	1.313	1.282	1.236	1.209	1.178	1.160	1.122	1.087
∞	0.990	2.000	1.965	1.934	1.905	1.878	1.774	1.696	1.592	1.523	1.413	1.358	1.288	1.247	1.153	1.000
	0.975	1.803	1.776	1.752	1.729	1.708	1.626	1.588	1.484	1.428	1.340	1.296	1.239	1.205	1.128	1.000
	0.950	1.644	1.623	1.604	1.587	1.571	1.506	1.476	1.394	1.350	1.279	1.243	1.197	1.170	1.106	1.000
	0.900	1.471	1.457	1.444	1.432	1.421	1.375	1.342	1.295	1.263	1.216	1.185	1.151	1.130	1.082	1.000

Verteilungsfunktion der Binomialverteilung

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

		0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
p	k										
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	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
2	1	0.9975	0.9900	0.9775	0.9600	0.9375	0.9100	0.8775	0.8400	0.7975	0.7500
2	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
3	1	0.9928	0.9720	0.9393	0.8960	0.8438	0.7840	0.7183	0.6480	0.5748	0.5000
3	2	0.9999	0.9990	0.9966	0.9920	0.9844	0.9730	0.9571	0.9360	0.9089	0.8750
3	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
4	1	0.9860	0.9477	0.8905	0.8192	0.7383	0.6517	0.5630	0.4752	0.3910	0.3125
4	2	0.9995	0.9963	0.9880	0.9728	0.9492	0.9163	0.8735	0.8208	0.7585	0.6875
4	3	1.0000	0.9999	0.9995	0.9984	0.9961	0.9919	0.9850	0.9744	0.9590	0.9375
4	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
5	1	0.9774	0.9185	0.8352	0.7373	0.6328	0.5282	0.4284	0.3370	0.2562	0.1875
5	2	0.9988	0.9914	0.9734	0.9421	0.8965	0.8369	0.7648	0.6826	0.5931	0.5000
5	3	1.0000	0.9995	0.9978	0.9933	0.9844	0.9692	0.9460	0.9130	0.8688	0.8125
5	4		1.0000	0.9999	0.9997	0.9990	0.9976	0.9947	0.9898	0.9815	0.9688
5	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
6	1	0.9672	0.8857	0.7765	0.6554	0.5339	0.4202	0.3191	0.2333	0.1636	0.1094
6	2	0.9978	0.9842	0.9527	0.9011	0.8306	0.7443	0.6471	0.5443	0.4415	0.3438
6	3	0.9999	0.9987	0.9941	0.9830	0.9624	0.9295	0.8826	0.8208	0.7447	0.6563
6	4	1.0000	0.9999	0.9996	0.9984	0.9954	0.9891	0.9777	0.9590	0.9308	0.8906
6	5		1.0000	1.0000	0.9999	0.9998	0.9993	0.9982	0.9959	0.9917	0.9844
6	6			1.0000	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
7	1	0.9556	0.8503	0.7166	0.5767	0.4449	0.3294	0.2338	0.1586	0.1024	0.0625
7	2	0.9962	0.9743	0.9262	0.8520	0.7564	0.6471	0.5323	0.4199	0.3164	0.2266
7	3	0.9998	0.9973	0.9879	0.9667	0.9294	0.8740	0.8002	0.7102	0.6083	0.5000
7	4	1.0000	0.9998	0.9988	0.9953	0.9871	0.9712	0.9444	0.9037	0.8471	0.7734
7	5		1.0000	0.9999	0.9996	0.9987	0.9962	0.9910	0.9812	0.9643	0.9375
7	6			1.0000	1.0000	0.9999	0.9998	0.9994	0.9984	0.9963	0.9922
7	7				1.0000	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
8	1	0.9428	0.8131	0.6572	0.5033	0.3671	0.2553	0.1691	0.1064	0.0632	0.0352
8	2	0.9942	0.9619	0.8948	0.7969	0.6785	0.5518	0.4278	0.3154	0.2201	0.1445
8	3	0.9996	0.9950	0.9786	0.9437	0.8862	0.8059	0.7064	0.5941	0.4770	0.3633
8	4	1.0000	0.9996	0.9971	0.9896	0.9727	0.9420	0.8939	0.8263	0.7396	0.6367
8	5		1.0000	0.9998	0.9988	0.9958	0.9887	0.9747	0.9502	0.9115	0.8555
8	6			1.0000	0.9999	0.9996	0.9987	0.9964	0.9915	0.9819	0.9648
8	7				1.0000	1.0000	0.9999	0.9998	0.9993	0.9983	0.9961
8	8					1.0000	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
9	1	0.9288	0.7748	0.5995	0.4362	0.3003	0.1960	0.1211	0.0705	0.0385	0.0195
9	2	0.9916	0.9470	0.8591	0.7382	0.6007	0.4628	0.3373	0.2318	0.1495	0.0898
9	3	0.9994	0.9917	0.9661	0.9144	0.8343	0.7297	0.6089	0.4826	0.3614	0.2539
9	4	1.0000	0.9991	0.9944	0.9804	0.9511	0.9012	0.8283	0.7334	0.6214	0.5000
9	5		0.9999	0.9994	0.9969	0.9900	0.9747	0.9464	0.9006	0.8342	0.7461
9	6		1.0000	1.0000	0.9997	0.9987	0.9957	0.9888	0.9750	0.9502	0.9102
9	7				1.0000	0.9999	0.9996	0.9986	0.9962	0.9909	0.9805
9	8					1.0000	1.0000	0.9999	0.9997	0.9992	0.9980
9	9						1.0000	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
10	1	0.9139	0.7361	0.5443	0.3758	0.2440	0.1493	0.0860	0.0464	0.0233	0.0107
10	2	0.9885	0.9298	0.8202	0.6778	0.5256	0.3828	0.2616	0.1673	0.0996	0.0547
10	3	0.9990	0.9872	0.9500	0.8791	0.7759	0.6496	0.5138	0.3823	0.2660	0.1719
10	4	0.9999	0.9984	0.9901	0.9672	0.9219	0.8497	0.7515	0.6331	0.5044	0.3770
10	5	1.0000	0.9999	0.9986	0.9936	0.9803	0.9527	0.9051	0.8338	0.7384	0.6230
10	6		1.0000	0.9999	0.9991	0.9965	0.9894	0.9740	0.9452	0.8980	0.8281
10	7			1.0000	0.9999	0.9996	0.9984	0.9952	0.9877	0.9726	0.9453
10	8				1.0000	1.0000	0.9999	0.9995	0.9983	0.9955	0.9893
10	9						1.0000	1.0000	0.9999	0.9997	0.9990
10	10							1.0000	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	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	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	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
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	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										
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.

Quantile $K_{n;1-\alpha/2}$ für den zweiseitigen Kolmogorov-Smirnov-Anpassungstest

n	$\alpha = 0,2$	$\alpha = 0,1$	$\alpha = 0,05$	$\alpha = 0,02$	$\alpha = 0,01$	$\alpha = 0,005$
1	0,9000	0,9500	0,9750	0,9900	0,9950	0,9975
2	0,6838	0,7764	0,8419	0,8100	0,9293	0,9410
3	0,5648	0,6360	0,7076	0,7845	0,8290	0,8642
4	0,4927	0,5652	0,6239	0,6888	0,7342	0,7763
5	0,4470	0,5094	0,5633	0,6272	0,6685	0,7053
6	0,4104	0,4680	0,5193	0,5774	0,6166	0,6528
7	0,3815	0,4361	0,4834	0,5384	0,5758	0,6097
8	0,3583	0,4096	0,4543	0,5065	0,5417	0,5742
9	0,3391	0,3875	0,4300	0,4796	0,5133	0,5444
10	0,3226	0,3687	0,4092	0,4566	0,4889	0,5186
11	0,3083	0,3524	0,3912	0,4367	0,4677	0,4963
12	0,2957	0,3381	0,3754	0,4192	0,4490	0,4766
13	0,2847	0,3255	0,3614	0,4036	0,4324	0,4591
14	0,2748	0,3142	0,3489	0,3897	0,4176	0,4435
15	0,2689	0,3040	0,3376	0,3771	0,4042	0,4293
16	0,2577	0,2947	0,3273	0,3657	0,3920	0,4164
17	0,2504	0,2863	0,3180	0,3553	0,3808	0,4046
18	0,2436	0,2785	0,3094	0,3457	0,3706	0,3937
19	0,2373	0,2714	0,3014	0,3368	0,3611	0,3837
20	0,2315	0,2647	0,2941	0,3286	0,3524	0,3745
21	0,2261	0,2586	0,2872	0,3210	0,3442	0,3658
22	0,2211	0,2528	0,2809	0,3139	0,3366	0,3578
23	0,2164	0,2475	0,2749	0,3073	0,3295	0,3502
24	0,2120	0,2424	0,2693	0,3010	0,3228	0,3431
25	0,2079	0,2377	0,2640	0,2952	0,3165	0,3365
26	0,2040	0,2332	0,2591	0,2896	0,3106	0,3302
27	0,2003	0,2290	0,2544	0,2844	0,3050	0,3242
28	0,1968	0,2250	0,2500	0,2794	0,2999	0,3186
29	0,1934	0,2212	0,2457	0,2747	0,2946	0,3132
30	0,1903	0,2176	0,2417	0,2702	0,2898	0,3081
31	0,1873	0,2141	0,2379	0,2660	0,2853	0,3033
32	0,1844	0,2108	0,2342	0,2619	0,2809	0,2987
33	0,1817	0,2077	0,2308	0,2580	0,2768	0,2942
34	0,1791	0,2047	0,2274	0,2543	0,2728	0,2900
35	0,1766	0,2018	0,2242	0,2507	0,2690	0,2860

Grobe Approximation für $n > 35$: $K_{n;1-\alpha/2} = \frac{\sqrt{\ln(\frac{2}{\alpha})}}{\sqrt{2n}}$.

Wilcoxon's W_n^+ -Test

Die Tabelle gibt kritische Werte der W_n^+ -Statistik für $\alpha \leq 0.4$ an mit $P(W^+ \leq w_\alpha^+) \leq \alpha$ und $P(W_n^+ \leq w_\alpha^+ + 1) > \alpha$. Kritische Werte w_α^+ für $\alpha \geq 0.6$ können über die Beziehung $w_\alpha^+ = n(n+1)/2 - w_{1-\alpha}^+$ berechnet werden.

n	$w_{0.005}^+$	$w_{0.01}^+$	$w_{0.025}^+$	$w_{0.05}^+$	$w_{0.10}^+$	$w_{0.20}^+$	$w_{0.30}^+$	$w_{0.40}^+$	$\frac{n(n+1)}{2}$
4	0	0	0	0	0	2	2	3	10
5	0	0	0	0	2	3	4	5	15
6	0	0	0	2	3	5	7	8	21
7	0	0	2	3	5	8	10	11	28
8	0	1	3	5	8	11	13	15	36
9	1	3	5	8	10	14	17	19	45
10	3	5	8	10	14	18	21	24	55
11	5	7	10	13	17	22	26	29	66
12	7	9	13	17	21	27	31	35	78
13	9	12	17	21	26	32	37	41	91
14	12	15	21	25	31	38	43	47	105
15	15	19	25	30	36	44	50	54	120
16	19	23	29	35	42	50	57	62	136
17	23	27	34	41	48	57	64	70	153
18	27	32	40	47	55	65	72	79	171
19	32	37	46	53	62	73	81	88	190
20	37	43	52	60	69	81	90	97	210

Wilcoxon's W_n -Test

Die Tabelle gibt kritische Werte w_α der W_n -Statistik für den linksseitigen Test C mit $m \leq n$ an. Für den rechtsseitigen Test B gilt:

$$w_{1-\alpha} = 2E(W_N) - w_\alpha = 2\mu - w_\alpha$$

Ist $m > n$, so wird durch Umbenennung die x-Stichprobe zur y-Stichprobe und damit Test C zu Test B.

m = 1							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
2							4
3							5
4							6
5							7
6							8
7							9
8							10
9						1	11
10						1	12
11						1	13
12						1	14
13						1	15
14						1	16
15						1	17
16						1	18
17						1	19
18						1	20
19					1	2	21
20					1	2	22
21					1	2	23
22					1	2	24
23					1	2	25
24					1	2	26
25					1	2	27

m = 2							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
2							10
3							12
4						3	14
5						3	16
6						3	18
7						3	20
8						3	22
9					3	4	24
10					3	4	26
11					3	4	28
12					4	5	30
13				3	4	5	32
14				3	4	6	34
15				3	4	6	36
16				3	4	6	38
17				3	5	6	40
18				3	5	7	42
19				3	5	7	44
20				3	5	7	46
21				3	6	8	48
22				3	6	8	50
23				3	6	8	52
24				3	6	9	54
25				3	6	9	56

m = 3							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
3						6	21
4						6	24
5						6	27
6						7	30
7						7	33
8						7	36
9						8	39
10						8	42
11						9	45
12						9	48
13						10	51
14						10	54
15						11	57
16						11	60
17						12	63
18						12	66
19						13	69
20						13	72
21						14	75
22						14	78
23						15	81
24						15	84
25						16	87

m = 4							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
4							10
5							11
6						10	12
7						10	13
8						11	14
9						11	15
10						12	16
11						12	17
12						13	18
13						13	19
14						14	20
15						14	21
16						15	22
17						15	23
18						16	24
19						16	25
20						17	26
21						17	27
22						18	28
23						18	29
24						19	30
25						19	31

m = 5							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
5							15
6							16
7							17
8							18
9							19
10							20
11							21
12							22
13							23
14							24
15							25
16							26
17							27
18							28
19							29
20							30
21							31
22							32
23							33
24							34
25							35

m = 6							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
6		23	24	26	28	30	78
7	21	24	25	27	29	32	84
8	22	25	27	29	31	34	90
9	23	26	28	31	33	36	96
10	24	27	29	32	35	38	102
11	25	28	30	34	37	40	108
12	25	30	32	35	38	42	114
13	26	31	33	37	40	44	120
14	27	32	34	38	42	46	126
15	28	33	36	40	44	48	132
16	29	34	37	42	46	50	138
17	30	36	39	43	47	52	144
18	31	37	40	45	49	55	150
19	32	38	41	46	51	57	156
20	33	39	43	48	53	59	162
21	33	40	44	50	55	61	168
22	34	42	45	51	57	63	174
23	35	43	47	53	58	65	180
24	36	44	48	54	60	67	186
25	37	45	50	56	62	69	192

m = 7							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
7	29	32	34	36	39	41	105
8	30	34	35	38	41	44	112
9	31	35	37	40	43	46	119
10	33	37	39	42	45	49	126
11	34	38	40	44	47	51	133
12	35	40	42	46	49	54	140
13	36	41	44	48	52	56	147
14	37	43	45	50	54	59	154
15	38	44	47	52	56	61	161
16	39	46	49	54	58	64	168
17	41	47	51	56	61	66	175
18	42	49	52	58	63	69	182
19	43	50	54	60	65	71	189
20	44	52	56	62	67	74	196
21	46	53	58	64	69	76	203
22	47	55	59	66	72	79	210
23	48	57	61	68	74	81	217
24	49	58	63	70	76	84	224
25	50	60	64	72	78	86	231

m = 8							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
8	40	43	45	49	51	55	136
9	41	45	47	51	54	58	144
10	42	47	49	53	56	60	152
11	44	49	51	55	59	63	160
12	45	51	53	58	62	66	168
13	47	53	56	60	64	69	176
14	48	54	58	62	67	72	184
15	50	56	60	65	69	75	192
16	51	58	62	67	72	78	200
17	53	60	64	70	75	81	208
18	54	62	66	72	77	84	216
19	56	64	68	74	80	87	224
20	57	66	70	77	83	90	232
21	59	68	72	79	85	92	240
22	60	70	74	81	88	95	248
23	62	71	76	84	90	98	256
24	64	73	78	86	93	101	264
25	65	75	81	89	96	104	272

m = 9							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
9	52	56	59	62	66	70	171
10	53	58	61	65	69	73	180
11	55	61	63	68	72	76	189
12	57	63	66	71	75	80	198
13	59	65	68	73	78	83	207
14	60	67	71	76	81	86	216
15	62	69	73	79	84	90	225
16	64	72	76	82	87	93	234
17	66	74	78	84	90	97	243
18	68	76	81	87	93	100	252
19	70	78	83	90	96	103	261
20	71	81	85	93	99	107	270
21	73	83	88	95	102	110	279
22	75	85	90	98	105	113	288
23	77	88	93	101	108	117	297
24	79	90	95	104	111	120	306
25	81	92	98	107	114	123	315

m = 10							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
10	65	71	74	78	82	87	210
11	67	73	77	81	86	91	220
12	69	76	79	84	89	94	230
13	72	79	82	88	92	98	240
14	74	81	85	91	96	102	250
15	76	84	88	94	99	106	260
16	78	86	91	97	103	109	270
17	80	89	93	100	106	113	280
18	82	92	96	103	110	117	290
19	84	94	99	107	113	121	300
20	87	97	102	110	117	125	310
21	89	99	105	113	120	128	320
22	91	102	108	116	123	132	330
23	93	105	110	119	127	136	340
24	95	107	113	122	130	140	350
25	98	110	116	126	134	144	360

m = 11							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
11	81	87	91	96	100	106	253
12	83	90	94	99	104	110	264
13	86	93	97	103	108	114	275
14	88	96	100	106	112	118	286
15	90	99	103	110	116	123	297
16	93	102	107	113	120	127	308
17	95	105	110	117	123	131	319
18	98	108	113	121	127	135	330
19	100	111	116	124	131	139	341
20	103	114	119	128	135	144	352
21	106	117	123	131	139	148	363
22	108	120	126	135	143	152	374
23	111	123	129	139	147	156	385
24	113	126	132	142	151	161	396
25	116	129	136	146	155	165	407

m = 12							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
12	98	105	109	115	120	127	300
13	101	109	113	119	125	131	312
14	103	112	116	123	129	136	324
15	106	115	120	127	133	141	336
16	109	119	124	131	138	145	348
17	112	122	127	135	142	150	360
18	115	125	131	139	146	155	372
19	118	129	134	143	150	159	384
20	120	132	138	147	155	164	396
21	123	136	142	151	159	169	408
22	126	139	145	155	163	173	420
23	129	142	149	159	168	178	432
24	132	146	153	163	172	183	444
25	135	149	156	167	176	187	456

m = 13							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
13	117	125	130	136	142	149	351
14	120	129	134	141	147	154	364
15	123	133	138	145	152	159	377
16	126	136	142	150	156	165	390
17	129	140	146	154	161	170	403
18	133	144	150	158	166	175	416
19	136	148	154	163	171	180	429
20	139	151	158	167	175	185	442
21	142	155	162	171	180	190	455
22	145	159	166	176	185	195	468
23	149	163	170	180	189	200	481
24	152	166	174	185	194	205	494
25	155	170	178	189	199	211	507

m = 14							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
14	137	147	152	160	166	174	406
15	141	151	156	164	171	179	420
16	144	155	161	169	176	185	434
17	148	159	165	174	182	190	448
18	151	163	170	179	187	196	462
19	155	168	174	183	192	202	476
20	159	172	178	188	197	207	490
21	162	176	183	193	202	213	504
22	166	180	187	198	207	218	518
23	169	184	192	203	212	224	532
24	173	188	196	207	218	229	546
25	177	192	200	212	223	235	560

m = 15							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
15	160	171	176	184	192	200	465
16	163	175	181	190	197	206	480
17	167	180	186	195	203	212	495
18	171	184	190	200	208	218	510
19	175	189	195	205	214	224	525
20	179	193	200	210	220	230	540
21	183	198	205	216	225	236	555
22	187	202	210	221	231	242	570
23	191	207	214	226	236	248	585
24	195	211	219	231	242	254	600
25	199	216	224	237	248	260	615

m = 16							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
16	184	196	202	211	219	229	528
17	188	201	207	217	225	235	544
18	192	206	212	222	231	242	560
19	196	210	218	228	237	248	576
20	201	215	223	234	243	255	592
21	205	220	228	239	249	261	608
22	209	225	233	245	255	267	624
23	214	230	238	251	261	274	640
24	218	235	244	256	267	280	656
25	222	240	249	262	273	287	672

m = 17							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
17	210	223	230	240	249	259	595
18	214	228	235	246	255	266	612
19	219	234	241	252	262	273	629
20	223	239	246	258	268	280	646
21	228	244	252	264	274	287	663
22	233	249	258	270	281	294	680
23	238	255	263	276	287	300	697
24	242	260	269	282	294	307	714
25	247	265	275	288	300	314	731

m = 18							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
18	237	252	259	270	280	291	666
19	242	258	265	277	287	299	684
20	247	263	271	283	294	306	702
21	252	269	277	290	301	313	720
22	257	275	283	296	307	321	738
23	262	280	289	303	314	328	756
24	267	286	295	309	321	335	774
25	273	292	301	316	328	343	792

m = 19							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
19	267	283	291	303	313	325	741
20	272	289	297	309	320	333	760
21	277	295	303	316	328	341	779
22	283	301	310	323	335	349	798
23	288	307	316	330	342	357	817
24	294	313	323	337	350	364	836
25	299	319	329	344	357	372	855

m = 20							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
20	298	315	324	337	348	361	820
21	304	322	331	344	356	370	840
22	309	328	337	351	364	378	860
23	315	335	344	359	371	386	880
24	321	341	351	366	379	394	900
25	327	348	358	373	387	403	920

m = 21							
n	w _{0.001}	w _{0.005}	w _{0.010}	w _{0.025}	w _{0.05}	w _{0.10}	2μ
21	331	349	359	373	385	399	903
22	337	356	366	381	393	408	924
23	343	363	373	388	401	417	945
24	349	370	381	396	410	425	966
25	356	377	388	404	418	434	987

$m = 22$							
n	$w_{0.001}$	$w_{0.005}$	$w_{0.010}$	$w_{0.025}$	$w_{0.05}$	$w_{0.10}$	2μ
22	365	386	396	411	424	439	990
23	372	393	403	419	432	448	1012
24	379	400	411	427	441	457	1034
25	385	408	419	435	450	467	1056

$m = 23$							
n	$w_{0.001}$	$w_{0.005}$	$w_{0.010}$	$w_{0.025}$	$w_{0.05}$	$w_{0.10}$	2μ
23	402	424	434	451	465	481	1081
24	409	431	443	459	474	491	1104
25	416	439	451	468	483	500	1127

$m = 24$							
n	$w_{0.001}$	$w_{0.005}$	$w_{0.010}$	$w_{0.025}$	$w_{0.05}$	$w_{0.10}$	2μ
24	440	464	475	492	507	525	1176
25	448	472	484	501	517	535	1200

$m = 25$							
n	$w_{0.001}$	$w_{0.005}$	$w_{0.010}$	$w_{0.025}$	$w_{0.05}$	$w_{0.10}$	2μ
25	480	505	517	536	552	570	1275

Van der Waerdens X_n -Test

Die Tabelle gibt kritische Werte der X_n -Statistik an.

$\alpha = 0.025$

$m + n$	$ m - n =$ 0 oder 1	$ m - n =$ 2 oder 3	$ m - n =$ 4 oder 5	$ m - n =$ 6 oder 7	$ m - n =$ 8 oder 9	$ m - n =$ 10 oder 11
7	∞	∞	∞	—	—	—
8	2.30	2.20	∞	∞	—	—
9	2.38	2.30	∞	∞	—	—
10	2.60	2.49	∞	2.03	∞	—
11	2.72	2.58	2.40	2.11	∞	—
12	2.85	2.79	2.68	2.47	2.18	∞
13	2.96	2.91	2.78	2.52	2.27	∞
14	3.11	3.06	3.00	2.83	2.56	2.18
15	3.24	3.19	3.06	2.89	2.61	2.21
16	3.39	3.36	3.28	3.15	2.94	2.66
17	3.49	3.44	3.36	3.21	2.99	2.68
18	3.63	3.60	3.53	3.44	3.26	3.03
19	3.73	3.69	3.61	3.50	3.31	3.06
20	3.86	3.84	3.78	3.70	3.55	3.36
21	3.96	3.92	3.85	3.76	3.61	3.40
22	4.08	4.06	4.01	3.95	3.82	3.65
23	4.18	4.15	4.08	4.01	3.87	3.70
24	4.29	4.27	4.23	4.18	4.07	3.92
25	4.39	4.36	4.30	4.24	4.12	3.96
26	4.52	4.50	4.46	4.39	4.30	4.17
27	4.61	4.59	4.54	4.46	4.35	4.21
28	4.71	4.70	4.66	4.60	4.51	4.40
29	4.80	4.78	4.74	4.67	4.57	4.45
30	4.90	4.89	4.86	4.80	4.72	4.62
31	4.99	4.97	4.93	4.86	4.78	4.67
32	5.08	5.07	5.04	4.99	4.92	4.83
33	5.17	5.15	5.11	5.05	4.97	4.87
34	5.26	5.25	5.22	5.18	5.11	5.03
35	5.35	5.33	5.29	5.24	5.17	5.08
36	5.43	5.42	5.40	5.36	5.30	5.22
37	5.51	5.50	5.46	5.42	5.35	5.26
38	5.60	5.59	5.57	5.53	5.47	5.40
39	5.68	5.66	5.63	5.59	5.53	5.45
40	5.76	5.75	5.73	5.69	5.64	5.58
41	5.84	5.82	5.79	5.75	5.69	5.62
42	5.92	5.91	5.89	5.86	5.81	5.75
43	5.99	5.98	5.95	5.91	5.86	5.79
44	6.07	6.07	6.05	6.01	5.97	5.91
45	6.14	6.13	6.11	6.07	6.02	5.96
46	6.22	6.21	6.20	6.17	6.13	6.07
47	6.29	6.28	6.26	6.22	6.18	6.12
48	6.37	6.36	6.34	6.32	6.28	6.23
49	6.44	6.43	6.40	6.37	6.33	6.27
50	6.51	6.51	6.49	6.46	6.43	6.38

$\alpha = 0.01$

$m + n$	$ m - n =$ 0 oder 1	$ m - n =$ 2 oder 3	$ m - n =$ 4 oder 5	$ m - n =$ 6 oder 7	$ m - n =$ 8 oder 9	$ m - n =$ 10 oder 11
7	∞	∞	∞	—	—	—
8	∞	∞	∞	∞	—	—
9	2.80	∞	∞	∞	—	—
10	3.00	2.90	2.80	∞	∞	—
11	3.20	3.00	2.90	∞	—	—
12	3.29	3.20	3.15	2.85	∞	∞
13	3.48	3.36	3.18	2.92	∞	∞
14	3.62	3.55	3.46	3.28	2.97	∞
15	3.74	3.68	3.57	3.34	3.02	2.55
16	3.92	3.90	3.80	3.66	3.39	3.07
17	4.06	4.01	3.90	3.74	3.47	3.11
18	4.23	4.21	4.14	4.01	3.80	3.52
19	4.37	4.32	4.23	4.08	3.86	3.57
20	4.52	4.50	4.44	4.33	4.15	3.92
21	4.66	4.62	4.53	4.40	4.21	3.97
22	4.80	4.78	4.72	4.62	4.47	4.27
23	4.92	4.89	4.81	4.70	4.53	4.32
24	5.06	5.04	4.99	4.89	4.76	4.59
25	5.18	5.14	5.08	4.97	4.83	4.64
26	5.30	5.28	5.23	5.15	5.04	4.88
27	5.41	5.38	5.32	5.23	5.10	4.94
28	5.53	5.52	5.47	5.40	5.30	5.16
29	5.64	5.62	5.56	5.48	5.36	5.22
30	5.76	5.74	5.70	5.64	5.55	5.42
31	5.86	5.84	5.79	5.71	5.61	5.48
32	5.97	5.96	5.92	5.87	5.78	5.67
33	6.08	6.05	6.01	5.94	5.85	5.73
34	6.18	6.17	6.14	6.09	6.01	5.91
35	6.29	6.27	6.22	6.16	6.08	5.97
36	6.39	6.38	6.35	6.30	6.23	6.14
37	6.49	6.47	6.44	6.37	6.29	6.19
38	6.59	6.58	6.55	6.50	6.44	6.35
39	6.68	6.67	6.63	6.58	6.50	6.41
40	6.78	6.77	6.75	6.70	6.64	6.56
41	6.87	6.86	6.82	6.77	6.71	6.62
42	6.97	6.96	6.94	6.90	6.84	6.77
43	7.06	7.04	7.01	6.96	6.90	6.82
44	7.15	7.15	7.12	7.09	7.03	6.96
45	7.24	7.23	7.20	7.15	7.09	7.02
46	7.33	7.32	7.30	7.27	7.22	7.15
47	7.42	7.40	7.38	7.34	7.28	7.21
48	7.50	7.50	7.48	7.45	7.40	7.34
49	7.59	7.58	7.55	7.51	7.46	7.40
50	7.68	7.67	7.65	7.62	7.58	7.52

 $\alpha = 0.005$

$m + n$	$ m - n =$ 0 oder 1	$ m - n =$ 2 oder 3	$ m - n =$ 4 oder 5	$ m - n =$ 6 oder 7	$ m - n =$ 8 oder 9	$ m - n =$ 10 oder 11
7	∞	∞	∞	—	—	—
8	∞	∞	∞	∞	—	—
9	∞	∞	∞	∞	—	—
10	3.20	3.10	∞	∞	∞	—
11	3.40	3.30	∞	∞	∞	—
12	3.60	3.58	3.40	3.10	∞	∞
13	3.71	3.68	3.50	3.15	∞	∞
14	3.94	3.88	3.76	3.52	3.25	∞
15	4.07	4.05	3.88	3.65	3.28	∞
16	4.26	4.25	4.12	3.99	3.68	3.30
17	4.44	4.37	4.23	4.08	3.78	3.38
18	4.60	4.58	4.50	4.38	4.15	3.79
19	4.77	4.71	4.62	4.46	4.22	3.89
20	4.94	4.92	4.85	4.73	4.54	4.28
21	5.10	5.05	4.96	4.81	4.61	4.33
22	5.26	5.24	5.17	5.06	4.89	4.67
23	5.40	5.36	5.27	5.14	4.96	4.73
24	5.55	5.53	5.48	5.36	5.22	5.03
25	5.68	5.65	5.58	5.45	5.29	5.09
26	5.81	5.79	5.74	5.65	5.52	5.35
27	5.94	5.90	5.84	5.73	5.58	5.41
28	6.07	6.05	6.01	5.91	5.81	5.66
29	6.19	6.16	6.10	6.01	5.88	5.72
30	6.32	6.30	6.26	6.19	6.09	5.95
31	6.44	6.41	6.35	6.27	6.16	6.01
32	6.56	6.55	6.51	6.44	6.35	6.23
33	6.68	6.65	6.60	6.52	6.42	6.29
34	6.80	6.79	6.75	6.69	6.60	6.49
35	6.91	6.89	6.84	6.77	6.68	6.56
36	7.03	7.01	6.98	6.92	6.85	6.74
37	7.13	7.11	7.07	7.00	6.92	6.81
38	7.25	7.23	7.20	7.15	7.08	6.99
39	7.35	7.33	7.29	7.23	7.15	7.05
40	7.46	7.45	7.42	7.38	7.31	7.22
41	7.56	7.54	7.51	7.45	7.38	7.28
42	7.67	7.66	7.63	7.59	7.53	7.45
43	7.77	7.75	7.72	7.66	7.60	7.51
44	7.87	7.87	7.84	7.80	7.74	7.67
45	7.97	7.96	7.92	7.87	7.81	7.73
46	8.07	8.06	8.04	8.00	7.95	7.88
47	8.17	8.15	8.12	8.08	8.02	7.94
48	8.26	8.26	8.24	8.20	8.15	8.08
49	8.36	8.34	8.32	8.27	8.22	8.14
50	8.46	8.45	8.43	8.39	8.35	8.28

Moods M_n -Test

Die Tabelle gibt kritische Werte c_α der M_n -Statistik nach dem folgenden Schema an:

c_{α_1}
α_1
c_{α_2}
α_2

mit $\alpha_1 = P(M_N \leq c_{\alpha_1}) \leq \alpha$

mit $\alpha_2 = P(M_N \leq c_{\alpha_2}) > \alpha$

		α -Werte									
m	n	0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
2	2	0.50 0.1667	0.50 0.1667	0.50 0.1667	0.50 0.1667	0.50 0.1667	2.50 0.8333	2.50 0.8333	2.50 0.8333	2.50 0.8333	2.50 0.8333
2	3	1.00 0.2000	1.00 0.2000	1.00 0.2000	1.00 0.2000	1.00 0.2000	4.00 0.5000	5.00 0.9000	5.00 0.9000	5.00 0.9000	5.00 0.9000
2	4	0.50 0.0667	0.50 0.0667	0.50 0.0667	0.50 0.0667	0.50 0.3333	6.50 0.6667	8.50 0.9333	8.50 0.9333	8.50 0.9333	8.50 0.9333
2	5	1.00 0.0952	1.00 0.0952	1.00 0.0952	1.00 0.0952	1.00 0.1429	10.00 0.7619	10.00 0.7619	13.00 0.9524	13.00 0.9524	13.00 0.9524
2	6	0.50 0.0357	0.50 0.0357	0.50 0.0357	0.50 0.1786	0.50 0.1786	14.50 0.8214	14.50 0.8214	18.50 0.9643	18.50 0.9643	18.50 0.9643
2	7	1.00 0.0556	1.00 0.0556	1.00 0.0556	1.00 0.0556	4.00 0.1389	20.00 0.9722	20.00 0.9722	25.00 1.0000	25.00 1.0000	25.00 1.0000
2	8	0.50 0.0222	0.50 0.0222	0.50 0.1111	0.50 0.1111	0.50 0.1111	26.50 0.9778	26.50 0.9778	26.50 0.9778	32.50 1.0000	32.50 1.0000
2	9	1.00 0.0364	1.00 0.0364	1.00 0.0364	1.00 0.0545	4.00 0.1636	32.00 0.9091	34.00 0.9818	34.00 0.9818	41.00 1.0000	41.00 1.0000
2	10	0.50 0.0152	0.50 0.0152	0.50 0.0758	0.50 0.0758	4.50 0.1515	40.50 0.9242	42.50 0.9848	42.50 0.9848	50.50 1.0000	50.50 1.0000

m	n	α -Werte									
		0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
4	5	6.00	6.00	6.00	10.00	11.00	37.00	41.00	42.00	42.00	45.00
		0.0159	0.0159	0.0317	0.0556	0.0556	0.8730	0.9286	0.9603	0.9603	0.9921
4	6	5.00	5.00	9.00	13.00	15.00	47.00	51.00	53.00	55.00	55.00
		0.0048	0.0048	0.0238	0.0476	0.0857	0.8952	0.9333	0.9571	0.9762	0.9762
4	7	6.00	6.00	11.00	14.00	20.00	58.00	63.00	68.00	70.00	70.00
		0.0061	0.0121	0.0455	0.0576	0.1152	0.8848	0.9394	0.9727	0.9848	0.9848
4	8	5.00	5.00	13.00	17.00	21.00	69.00	77.00	81.00	87.00	87.00
		0.0020	0.0020	0.0202	0.0465	0.0869	0.8970	0.9475	0.9636	0.9899	0.9899
4	9	6.00	11.00	14.00	20.00	27.00	85.00	92.00	98.00	104.00	106.00
		0.0028	0.0098	0.0210	0.0420	0.0965	0.8979	0.9497	0.9748	0.9874	0.9930
4	10	9.00	13.00	17.00	21.00	31.00	97.00	105.00	115.00	121.00	125.00
		0.0050	0.0100	0.0230	0.0430	0.0969	0.8961	0.9491	0.9740	0.9860	0.9910
4	11	10.00	11.00	20.00	26.00	35.00	113.00	125.00	134.00	143.00	148.00
		0.0037	0.0051	0.0220	0.0462	0.0967	0.8967	0.9495	0.9722	0.9897	0.9934
4	12	11.00	15.00	21.00	29.00	39.00	129.00	141.00	153.00	161.00	171.00
		0.0049	0.0099	0.0236	0.0489	0.0978	0.8962	0.9495	0.9747	0.9879	0.9945
4	13	11.00	17.00	25.00	33.00	45.00	146.00	162.00	173.00	186.00	193.00
		0.0029	0.0088	0.0227	0.0475	0.0971	0.8933	0.9496	0.9710	0.9891	0.9941
4	14	13.00	19.00	27.00	37.00	49.00	163.00	181.00	195.00	207.00	217.00
		0.0033	0.0088	0.0235	0.0477	0.0928	0.8931	0.9487	0.9739	0.9889	0.9941
4	15	15.00	21.00	29.00	41.00	56.00	183.00	202.00	218.00	234.00	245.00
		0.0049	0.0098	0.0199	0.0472	0.0993	0.8965	0.9466	0.9727	0.9892	0.9943
4	16	17.00	23.00	33.00	45.00	61.00	203.00	223.00	241.00	259.00	275.00
		0.0054	0.0114	0.0261	0.0524	0.1045	0.9017	0.9518	0.9768	0.9902	0.9954

m	n	α -Werte									
		0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
5	5	11.25	15.25	17.25	23.25	23.25	55.25	59.25	61.25	65.25	67.25
		0.0079	0.0159	0.0317	0.0635	0.1111	0.8889	0.9365	0.9683	0.9841	0.9921
5	6	10.00	10.00	19.00	24.00	27.00	69.00	75.00	76.00	83.00	84.00
		0.0022	0.0022	0.0238	0.0476	0.0758	0.8810	0.9459	0.9632	0.9870	0.9913
5	7	11.25	15.25	21.25	27.25	33.25	89.25	93.25	101.25	105.25	105.25
		0.0025	0.0051	0.0202	0.0480	0.0884	0.8990	0.9495	0.9646	0.9899	0.9949
5	8	15.00	20.00	26.00	31.00	39.00	106.00	113.00	118.00	123.00	123.00
		0.0039	0.0093	0.0225	0.0490	0.0979	0.8974	0.9448	0.9697	0.9852	0.9938
5	9	17.25	21.25	29.25	35.25	45.25	115.25	123.25	133.25	141.25	145.25
		0.0040	0.0080	0.0250	0.0509	0.0999	0.8951	0.9411	0.9710	0.9890	0.9910
5	10	20.00	26.00	33.00	41.00	52.00	134.00	146.00	154.00	166.00	174.00
		0.0040	0.0097	0.0223	0.0456	0.0989	0.8934	0.9494	0.9724	0.9897	0.9947
5	11	21.25	27.25	37.25	45.25	57.25	153.25	165.25	177.25	187.25	197.25
		0.0037	0.0087	0.0234	0.0458	0.0934	0.8997	0.9473	0.9748	0.9881	0.9950
5	12	26.00	30.00	42.00	53.00	65.00	174.00	189.00	202.00	216.00	226.00
		0.0047	0.0082	0.0244	0.0486	0.0931	0.8993	0.9473	0.9746	0.9888	0.9945
5	13	27.25	33.25	45.25	57.25	73.25	195.25	211.25	227.25	243.25	255.25
		0.0044	0.0082	0.0233	0.0476	0.0997	0.8985	0.9444	0.9741	0.9893	0.9946
5	14	30.00	38.00	51.00	65.00	81.00	219.00	238.00	254.00	275.00	285.00
		0.0044	0.0088	0.0248	0.0495	0.0978	0.8999	0.9479	0.9720	0.9896	0.9946
5	15	33.25	39.25	55.25	69.25	89.25	241.25	265.25	283.25	305.25	319.25
		0.0045	0.0091	0.0235	0.0470	0.0988	0.8951	0.9494	0.9739	0.9896	0.9946
6	6	17.50	27.50	33.50	39.50	45.50	93.50	99.50	105.50	111.50	115.50
		0.0054	0.0152	0.0325	0.0693	0.1266	0.9037	0.9535	0.9762	0.9903	0.9989

		α-Werte									
m	n	0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
6	7	27.00	31.00	38.00	45.00	54.00	114.00	122.00	129.00	135.00	140.00
		0.0047	0.0099	0.0204	0.0466	0.0973	0.8980	0.9476	0.9749	0.9883	0.9948
		28.00	34.00	39.00	46.00	55.00	115.00	123.00	130.00	138.00	142.00
6	8	29.50	35.50	41.50	49.50	59.50	131.50	141.50	149.50	157.50	165.50
		0.0047	0.0100	0.0213	0.0430	0.0942	0.8924	0.9461	0.9737	0.9873	0.9940
		31.50	37.50	43.50	51.50	61.50	133.50	143.50	151.50	159.50	167.50
6	9	34.00	39.00	49.00	58.00	69.00	154.00	165.00	175.00	186.00	193.00
		0.0050	0.0086	0.0232	0.0488	0.0969	0.8973	0.9467	0.9734	0.9894	0.9944
		35.00	40.00	50.00	59.00	70.00	155.00	166.00	176.00	187.00	195.00
6	10	37.50	43.50	53.50	63.50	75.50	175.50	189.50	201.50	213.50	221.50
		0.0049	0.0100	0.0237	0.0448	0.0888	0.8976	0.9476	0.9734	0.9891	0.9948
		39.50	45.50	55.50	65.50	77.50	177.50	191.50	203.50	215.50	223.50
6	11	42.00	49.00	61.00	73.00	87.00	200.00	216.00	229.00	244.00	253.00
		0.0048	0.0094	0.0243	0.0490	0.0977	0.8998	0.9491	0.9737	0.9898	0.9941
		43.00	50.00	62.00	74.00	88.00	201.00	217.00	230.00	245.00	254.00
6	12	45.50	51.50	67.50	79.50	95.50	223.50	243.50	257.50	273.50	285.50
		0.0048	0.0082	0.0248	0.0470	0.0950	0.8954	0.9494	0.9733	0.9879	0.9944
		47.50	53.50	69.50	81.50	97.50	225.50	245.50	259.50	275.50	287.50
6	13	50.00	58.00	74.00	89.00	107.00	252.00	273.00	290.00	310.00	323.00
		0.0047	0.0090	0.0234	0.0483	0.0985	0.8979	0.9499	0.9736	0.9898	0.9949
		51.00	59.00	75.00	90.00	108.00	253.00	274.00	291.00	311.00	324.00
6	14	53.50	63.50	81.50	97.50	117.50	279.50	301.50	321.50	343.50	357.50
		0.0049	0.0093	0.0246	0.0495	0.0974	0.8972	0.9459	0.9730	0.9888	0.9944
		55.50	65.50	83.50	99.50	119.50	281.50	303.50	323.50	345.50	359.50
7	7	41.75	47.75	57.75	65.75	75.75	147.75	157.75	165.75	175.75	179.75
		0.0029	0.0082	0.0233	0.0466	0.0950	0.8869	0.9452	0.9709	0.9889	0.9948
		43.75	49.75	59.75	67.75	77.75	149.75	159.75	167.75	177.75	183.75
7	8	50.00	55.00	66.00	75.00	87.00	173.00	184.00	195.00	204.00	211.00
		0.0050	0.0082	0.0238	0.0479	0.0977	0.8988	0.9455	0.9745	0.9890	0.9939
		51.00	56.00	67.00	76.00	88.00	174.00	185.00	196.00	205.00	212.00
7	9	53.75	59.75	71.75	83.75	95.75	197.75	211.75	221.75	235.75	245.75
		0.0049	0.0087	0.0224	0.0495	0.0920	0.8970	0.9495	0.9706	0.9895	0.9949
		55.75	61.75	73.75	85.75	97.75	199.75	213.75	223.75	237.75	247.75
7	10	59.00	67.00	82.00	94.00	109.00	226.00	242.00	254.00	270.00	279.00
		0.0046	0.0090	0.0243	0.0478	0.0975	0.8978	0.9499	0.9726	0.9896	0.9949
		60.00	68.00	83.00	95.00	110.00	227.00	243.00	255.00	271.00	280.00

		α-Werte									
m	n	0.005	0.010	0.025	0.050	0.100	0.900	0.950	0.975	0.990	0.995
7	11	63.75	73.75	89.75	103.75	119.75	253.75	271.75	287.75	303.75	315.75
		0.0042	0.0096	0.0246	0.0495	0.0946	0.8991	0.9483	0.9742	0.9882	0.9943
		65.75	75.75	91.75	105.75	121.75	255.75	273.75	289.75	305.75	317.75
7	12	71.00	82.00	99.00	115.00	135.00	285.00	306.00	323.00	343.00	357.00
		0.0048	0.0094	0.0241	0.0489	0.0996	0.8997	0.9491	0.9738	0.9893	0.9950
		72.00	83.00	100.00	116.00	136.00	286.00	307.00	324.00	344.00	358.00
7	13	75.75	87.75	107.75	125.75	147.75	315.75	339.75	359.75	381.75	397.75
		0.0042	0.0089	0.0239	0.0487	0.0983	0.8972	0.9487	0.9745	0.9889	0.9949
		77.75	89.75	109.75	127.75	149.75	317.75	341.75	361.75	383.75	399.75
8	8	72.00	78.00	92.00	104.00	118.00	218.00	232.00	244.00	258.00	264.00
		0.0043	0.0078	0.0239	0.0496	0.0984	0.8908	0.9457	0.9740	0.9900	0.9942
		74.00	80.00	94.00	106.00	120.00	220.00	234.00	246.00	260.00	266.00
8	9	79.00	90.00	103.00	116.00	132.00	250.00	266.00	279.00	294.00	303.00
		0.0042	0.0096	0.0229	0.0487	0.0988	0.8959	0.9477	0.9742	0.9896	0.9945
		80.00	91.00	104.00	117.00	133.00	251.00	267.00	280.00	295.00	304.00
8	10	88.00	98.00	114.00	128.00	146.00	280.00	300.00	316.00	332.00	344.00
		0.0050	0.0100	0.0245	0.0481	0.0980	0.8917	0.9487	0.9744	0.9891	0.9948
		90.00	100.00	116.00	130.00	148.00	282.00	302.00	318.00	334.00	346.00
8	11	95.00	107.00	126.00	143.00	163.00	316.00	337.00	355.00	376.00	388.00
		0.0047	0.0095	0.0247	0.0500	0.0988	0.8984	0.9489	0.9739	0.9900	0.9948
		96.00	108.00	127.00	144.00	164.00	317.00	338.00	356.00	377.00	389.00
8	12	102.00	116.00	136.00	156.00	178.00	352.00	376.00	396.00	418.00	434.00
		0.0044	0.0097	0.0234	0.0496	0.0970	0.8995	0.9497	0.9749	0.9894	0.9949
		104.00	118.00	138.00	158.00	180.00	354.00	378.00	398.00	420.00	436.00
9	9	110.25	120.25	138.25	154.25	172.25	308.25	326.25	342.25	360.25	370.25
		0.0045	0.0085	0.0230	0.0481	0.0973	0.8975	0.9476	0.9742	0.9899	0.9949
		112.25	122.25	140.25	156.25	174.25	310.25	328.25	344.25	362.25	372.25
9	10	122.00	134.00	154.00	171.00	191.00	347.00	368.00	385.00	404.00	419.00
		0.0049	0.0096	0.0250	0.0492	0.0963	0.8987	0.9489	0.9738	0.9890	0.9950
		123.00	135.00	155.00	172.00	192.00	348.00	369.00	386.00	405.00	420.00
9	11	132.25	144.25	166.25	186.25	210.25	384.25	408.25	430.25	452.25	468.25
		0.0049	0.0089	0.0235	0.0484	0.0984	0.8942	0.9465	0.9744	0.9896	0.9950
		134.25	146.25	168.25	188.25	212.25	386.25	410.25	432.25	454.25	470.25
10	10	162.50	176.50	198.50	218.50	242.50	418.50	442.50	462.50	484.50	498.50
		0.0050	0.0098	0.0241	0.0489	0.0982	0.8966	0.9479	0.9740	0.9891	0.9944
		164.50	178.50	200.50	220.50	244.50	420.50	444.50	464.50	486.50	500.50

Quantile $d_{n;\alpha}$ für den Unabhängigkeitstest D

$$\begin{matrix} d_{\alpha_1} & \alpha_1 \\ d_{\alpha_2} & \alpha_2 \end{matrix} \begin{matrix} \text{mit } \alpha_1 = P(D \leq d_{\alpha_1}) \leq \alpha \\ \text{mit } \alpha_2 = P(D \leq d_{\alpha_2}) \geq \alpha \end{matrix}$$

α	Stichprobenumfang n									
	3	4	5	6	7					
0.001				0	0.001	0	0.000			
				0	0.001	2	0.001			
0.005				0	0.001	4	0.003			
				2	0.008	6	0.006			
0.010			0	0.008	2	0.008	6	0.006		
			2	0.042	4	0.017	8	0.012		
0.015			0	0.008	2	0.008	8	0.012		
			2	0.042	4	0.017	10	0.017		
0.020			0	0.008	4	0.017	10	0.017		
			2	0.042	6	0.029	12	0.024		
0.025			0	0.008	4	0.017	12	0.024		
			2	0.042	6	0.029	14	0.033		
0.030			0	0.008	6	0.029	12	0.024		
			2	0.042	8	0.051	14	0.033		
0.035			0	0.008	6	0.029	14	0.033		
			2	0.042	8	0.051	16	0.044		
0.040			0	0.008	6	0.029	14	0.033		
			2	0.042	8	0.051	16	0.044		
0.045			2	0.042	6	0.029	16	0.044		
			4	0.067	8	0.051	18	0.055		
0.050		0	0.042	2	0.042	6	0.029	16	0.044	
		2	0.167	4	0.067	8	0.051	18	0.055	
0.100		0	0.042	4	0.067	12	0.087	22	0.083	
		2	0.167	6	0.117	14	0.121	24	0.100	
0.125		0	0.042	6	0.117	14	0.121	26	0.118	
		2	0.167	8	0.175	16	0.149	28	0.133	
0.200	0	0.167	2	0.167	8	0.175	18	0.178	34	0.198
	2	0.500	4	0.208	10	0.225	20	0.210	36	0.222
0.250	0	0.167	4	0.208	10	0.225	22	0.249	38	0.249
	2	0.500	6	0.375	12	0.258	24	0.282	40	0.278

α	Stichprobenumfang n									
	3	4	5	6	7					
0.750	4	0.500	12	0.625	26	0.742	44	0.718	70	0.722
	6	0.833	14	0.792	28	0.775	46	0.751	72	0.751
0.800	4	0.500	14	0.792	28	0.775	48	0.790	74	0.778
	6	0.833	16	0.833	30	0.825	50	0.822	76	0.802
0.875	6	0.833	16	0.833	30	0.825	52	0.851	82	0.867
	8	1.000	18	0.958	32	0.883	54	0.879	84	0.882
0.900	6	0.833	16	0.833	32	0.883	54	0.879	84	0.882
	8	1.000	18	0.958	34	0.933	56	0.912	86	0.900
0.950	6	0.833	16	0.833	34	0.933	60	0.949	92	0.945
	8	1.000	18	0.958	36	0.958	62	0.971	94	0.956
0.955	6	0.833	16	0.833	34	0.933	60	0.949	92	0.945
	8	1.000	18	0.958	36	0.958	62	0.971	94	0.956
0.960	6	0.833	18	0.958	36	0.958	60	0.949	94	0.956
	8	1.000	20	1.000	38	0.992	62	0.971	96	0.967
0.965	6	0.833	18	0.958	36	0.958	60	0.949	94	0.956
	8	1.000	20	1.000	38	0.992	62	0.971	96	0.967
0.970	6	0.833	18	0.958	36	0.958	60	0.949	96	0.967
	8	1.000	20	1.000	38	0.992	62	0.971	98	0.976
0.975	6	0.833	18	0.958	36	0.958	62	0.971	96	0.967
	8	1.000	20	1.000	38	0.992	64	0.983	98	0.976
0.980	6	0.833	18	0.958	36	0.958	62	0.971	98	0.976
	8	1.000	20	1.000	38	0.992	64	0.983	100	0.983
0.985	6	0.833	18	0.958	36	0.958	64	0.983	100	0.983
	8	1.000	20	1.000	38	0.992	66	0.992	102	0.988
0.990	6	0.833	18	0.958	36	0.958	64	0.983	102	0.988
	8	1.000	20	1.000	38	0.992	66	0.992	104	0.994
0.995	6	0.833	18	0.958	38	0.992	66	0.992	104	0.994
	8	1.000	20	1.000	40	1.000	68	0.999	106	0.997
0.999	6	0.833	18	0.958	38	0.992	68	0.999	108	0.999
	8	1.000	20	1.000	40	1.000	70	1.000	110	1.000

α	Stichprobenumfang n							
	8		9		10		11	
0.001	4	0.001	10	0.001	20	0.001	34	0.001
	6	0.001	12	0.001	22	0.001	36	0.001
0.005	10	0.004	20	0.004	34	0.004	54	0.005
	12	0.005	22	0.005	36	0.005	56	0.006
0.010	14	0.008	26	0.009	42	0.009	64	0.009
	16	0.011	28	0.011	44	0.010	66	0.010
0.015	18	0.014	30	0.013	48	0.013	72	0.014
	20	0.018	32	0.016	50	0.015	74	0.015
0.020	20	0.018	34	0.018	54	0.018	78	0.018
	22	0.023	36	0.022	56	0.022	80	0.020
0.025	22	0.023	36	0.022	58	0.024	84	0.024
	24	0.029	38	0.025	60	0.027	86	0.026
0.030	24	0.029	40	0.029	60	0.027	88	0.028
	26	0.035	42	0.033	62	0.030	90	0.030
0.035	26	0.035	42	0.033	64	0.033	92	0.033
	28	0.042	44	0.038	66	0.037	94	0.035
0.040	26	0.035	44	0.038	66	0.037	96	0.038
	28	0.042	46	0.043	68	0.040	98	0.041
0.045	28	0.042	46	0.043	70	0.044	100	0.044
	30	0.048	48	0.048	72	0.048	102	0.047
0.050	30	0.048	48	0.048	72	0.048	102	0.047
	32	0.057	50	0.054	74	0.052	104	0.050
0.100	40	0.098	62	0.097	90	0.096	126	0.096
	42	0.108	64	0.106	92	0.102	128	0.102
0.125	44	0.122	68	0.125	98	0.124	136	0.124
	46	0.134	70	0.135	100	0.132	138	0.130
0.200	54	0.195	80	0.193	114	0.193	156	0.193
	56	0.214	82	0.205	116	0.203	158	0.201
0.250	58	0.231	88	0.247	124	0.246	168	0.243
	60	0.250	90	0.260	126	0.257	170	0.252

α	Stichprobenumfang n							
	8		9		10		11	
0.750	106	0.750	148	0.740	202	0.743	268	0.748
	108	0.769	150	0.753	204	0.754	270	0.757
0.800	110	0.786	156	0.795	212	0.797	280	0.799
	112	0.805	158	0.807	214	0.807	282	0.807
0.875	120	0.866	168	0.865	228	0.868	300	0.870
	122	0.878	170	0.875	230	0.876	302	0.876
0.900	124	0.892	174	0.894	236	0.898	310	0.898
	126	0.902	176	0.903	238	0.904	312	0.904
0.950	134	0.943	188	0.946	254	0.948	332	0.946
	136	0.952	190	0.952	256	0.952	334	0.950
0.955	136	0.952	190	0.952	256	0.952	336	0.953
	138	0.958	192	0.957	258	0.956	338	0.956
0.960	138	0.958	192	0.957	260	0.960	340	0.959
	140	0.965	194	0.962	262	0.963	342	0.962
0.965	138	0.958	194	0.962	262	0.963	342	0.962
	140	0.965	196	0.967	264	0.967	344	0.965
0.970	140	0.965	196	0.967	266	0.970	346	0.967
	142	0.971	198	0.971	268	0.973	348	0.970
0.975	142	0.971	200	0.975	268	0.973	352	0.974
	144	0.977	202	0.978	270	0.976	354	0.976
0.980	144	0.977	202	0.978	272	0.978	356	0.978
	146	0.982	204	0.982	274	0.981	358	0.980
0.985	146	0.982	206	0.984	278	0.985	362	0.983
	148	0.986	208	0.987	280	0.987	364	0.985
0.990	150	0.989	210	0.989	284	0.990	370	0.989
	152	0.992	212	0.991	286	0.991	372	0.990
0.995	154	0.995	216	0.995	292	0.995	382	0.994
	156	0.996	218	0.996	294	0.996	384	0.995
0.999	160	0.999	226	0.999	306	0.999	398	0.998
	162	0.999	228	0.999	308	0.999	400	0.999