

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

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

$\alpha$	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

$\alpha$	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

$\alpha$	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

$\alpha$	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