Table I – Values of the probability function of the Poisson distribution

x	λ						
	0.1	0.2	0.3	0.4	0.5	0.6	0.7
0	0.90484	0.81873	0.74082	0.67032	0.60653	0.54881	0.49659
1	0.09048	0.16375	0.22224	0.26813	0.30327	0.32929	0.34761
2	0.00452	0.01637	0.03334	0.05362	0.07581	0.09878	0.12166
3	0.00015	0.00109	0.00333	0.00715	0.01263	0.01976	0.02839
4		0.00005	0.00025	0.00071	0.00158	0.00296	0.00497
5			0.00001	0.00005	0.00016	0.00035	0.00069
6					0.00001	0.00003	0.00008

x	λ						
	0.8	0.9	1.0	1.1	1.2	1.3	1.4
0	0.44933	0.40657	0.36788	0.33287	0.30119	0.27253	0.24660
1	0.35946	0.36591	0.36788	0.36616	0.36143	0.35429	0.34523
2	0.14379	0.16466	0.18394	0.20139	0.21686	0.23029	0.24166
3	0.03834	0.04940	0.06131	0.07384	0.08674	0.09979	0.11278
4	0.00767	0.01111	0.01533	0.02030	0.02602	0.03243	0.03947
5	0.00123	0.00200	0.00307	0.00446	0.00625	0.00843	0.01105
6	0.00016	0.00030	0.00051	0.00082	0.00125	0.00183	0.00258
7	0.00001	0.00003	0.00007	0.00013	0.00021	0.00034	0.00051
8				0.00002	0.00003	0.00005	0.00009
9						0.00001	0.00001

x	λ						
	1.5	2.0	2.5	3.0	3.5	4.0	4.5
0	0.22313	0.13533	0.08208	0.04979	0.03020	0.01831	0.01111
1	0.33469	0.27067	0.20521	0.14936	0.10569	0.07326	0.04999
2	0.25102	0.27067	0.25652	0.22404	0.18496	0.14652	0.11248
3	0.12551	0.18045	0.21376	0.22404	0.21578	0.19537	0.16872
4	0.04707	0.09022	0.13360	0.16803	0.18881	0.19537	0.18981
5	0.01412	0.03609	0.06680	0.10082	0.13217	0.15629	0.17083
6	0.00353	0.01203	0.02783	0.05041	0.07710	0.10420	0.12812
7	0.00075	0.00343	0.00994	0.02160	0.03855	0.05954	0.08236
8	0.00014	0.00086	0.00311	0.00810	0.01686	0.02977	0.04633
9	0.00002	0.00019	0.00086	0.00270	0.00656	0.01323	0.02316
10		0.00004	0.00021	0.00081	0.00230	0.00529	0.01042
11		0.00001	0.00005	0.00022	0.00073	0.00192	0.00426
12			0.00001	0.00005	0.00021	0.00064	0.00160
13				0.00001	0.00006	0.00020	0.00055
14					0.00001	0.00006	0.00018
15						0.00001	0.00005
16							0.00002

Table I – continued

x	λ						
	5.0	6.0	7.0	8.0	9.0	10.0	12.0
0	0.00674	0.00248	0.00091	0.00033	0.00012	0.00004	0.00001
1	0.03369	0.01487	0.00638	0.00268	0.00111	0.00045	0.00007
2	0.08422	0.04462	0.02234	0.01073	0.00500	0.00227	0.00044
3	0.14037	0.08923	0.05213	0.02863	0.01499	0.00756	0.00177
4	0.17547	0.13385	0.09123	0.05725	0.03374	0.01891	0.00531
5	0.17547	0.16062	0.12772	0.09160	0.06073	0.03783	0.01274
6	0.14622	0.16062	0.14900	0.12214	0.09109	0.06305	0.02548
7	0.10444	0.13768	0.14900	0.13959	0.11712	0.09008	0.04368
8	0.06528	0.10326	0.13038	0.13959	0.13176	0.11260	0.06552
9	0.03627	0.06884	0.10140	0.12408	0.13176	0.12511	0.08736
10	0.01813	0.04130	0.07098	0.09926	0.11858	0.12511	0.10484
11	0.00824	0.02253	0.04517	0.07219	0.09702	0.11374	0.11437
12	0.00343	0.01126	0.02635	0.04813	0.07276	0.09478	0.11437
13	0.00132	0.00520	0.01419	0.02962	0.05037	0.07291	0.10557
14	0.00047	0.00223	0.00709	0.01692	0.03238	0.05208	0.09049
15	0.00016	0.00089	0.00331	0.00902	0.01943	0.03472	0.07239
16	0.00005	0.00033	0.00145	0.00451	0.01093	0.02170	0.05429
17	0.00001	0.00012	0.00060	0.00212	0.00578	0.01276	0.03832
18		0.00004	0.00023	0.00094	0.00289	0.00709	0.02555
19		0.00001	0.00008	0.00040	0.00137	0.00373	0.01613
20			0.00003	0.00016	0.00062	0.00186	0.00968
21			0.00001	0.00006	0.00026	0.00089	0.00553
22				0.00002	0.00011	0.00040	0.00302
23				0.00001	0.00004	0.00017	0.00157
24					0.00001	0.00007	0.00079
25						0.00003	0.00038
26						0.00001	0.00017
27							0.00008
28							0.00003
29							0.00001

Table II – Values of the distribution function of $N(0.1)$

u	$\phi(u)$	u	$\phi(u)$	u	$\phi(u)$	u	$\phi(u)$
0.00	0.50000	0.40	0.65542	0.80	0.78814	1.20	0.88493
0.01	0.50399	0.41	0.65910	0.81	0.79103	1.21	0.88686
0.02	0.50798	0.42	0.66276	0.82	0.79389	1.22	0.88877
0.03	0.51197	0.43	0.66640	0.83	0.79673	1.23	0.89065
0.04	0.51595	0.44	0.67003	0.84	0.79955	1.24	0.89251
0.05	0.51994	0.45	0.67364	0.85	0.80234	1.25	0.89435
0.06	0.52392	0.46	0.67724	0.86	0.80511	1.26	0.89617
0.07	0.52790	0.47	0.68082	0.87	0.80785	1.27	0.89796
0.08	0.53188	0.48	0.68439	0.88	0.81057	1.28	0.89973
0.09	0.53586	0.49	0.68793	0.89	0.81327	1.29	0.90147
0.10	0.53983	0.50	0.69146	0.90	0.81594	1.30	0.90320
0.11	0.54380	0.51	0.69497	0.91	0.81859	1.31	0.90490
0.12	0.54776	0.52	0.69847	0.92	0.82121	1.32	0.90658
0.13	0.55172	0.53	0.70194	0.93	0.82381	1.33	0.90824
0.14	0.55567	0.54	0.70540	0.94	0.82639	1.34	0.90988
0.15	0.55962	0.55	0.70884	0.95	0.82894	1.35	0.91149
0.16	0.56356	0.56	0.71226	0.96	0.83147	1.36	0.91309
0.17	0.56749	0.57	0.71566	0.97	0.83398	1.37	0.91466
0.18	0.57142	0.58	0.71904	0.98	0.83646	1.38	0.91621
0.19	0.57535	0.59	0.72240	0.99	0.83891	1.39	0.91774
0.20	0.57926	0.60	0.72575	1.00	0.84134	1.40	0.91924
0.21	0.58317	0.61	0.72907	1.01	0.84375	1.41	0.92073
0.22	0.58706	0.62	0.73237	1.02	0.84614	1.42	0.92220
0.23	0.59095	0.63	0.73565	1.03	0.84850	1.43	0.92364
0.24	0.59483	0.64	0.73891	1.04	0.85083	1.44	0.92507
0.25	0.59871	0.65	0.74215	1.05	0.85314	1.45	0.92647
0.26	0.60257	0.66	0.74537	1.06	0.85543	1.46	0.92786
0.27	0.60642	0.67	0.74857	1.07	0.85769	1.47	0.92922
0.28	0.61026	0.68	0.75175	1.08	0.85993	1.48	0.93056
0.29	0.61409	0.69	0.75490	1.09	0.86214	1.49	0.93189
0.30	0.61791	0.70	0.75804	1.10	0.86433	1.50	0.93319
0.31	0.62172	0.71	0.76115	1.11	0.86650	1.51	0.93448
0.32	0.62552	0.72	0.76424	1.12	0.86864	1.52	0.93574
0.33	0.62930	0.73	0.76730	1.13	0.87076	1.53	0.93699
0.34	0.63307	0.74	0.77035	1.14	0.87286	1.54	0.93822
0.35	0.63683	0.75	0.77377	1.15	0.87493	1.55	0.93943
0.36	0.64058	0.76	0.77637	1.16	0.87698	1.56	0.94062
0.37	0.64431	0.77	0.77935	1.17	0.87900	1.57	0.94179
0.38	0.64803	0.78	0.78230	1.18	0.88100	1.58	0.94295
0.39	0.65173	0.79	0.78524	1.19	0.88298	1.59	0.94408

Table II – continued

u	$\phi(u)$	u	$\phi(u)$	u	$\phi(u)$	u	$\phi(u)$
1.60	0.94520	2.00	0.97725	2.40	0.99180	3.10	0.99903
1.61	0.94630	2.01	0.97778	2.41	0.99202	3.12	0.99910
1.62	0.94738	2.02	0.97831	2.42	0.99224	3.14	0.99916
1.63	0.94845	2.03	0.97882	2.43	0.99245	3.16	0.99921
1.64	0.94950	2.04	0.97932	2.44	0.99266	3.18	0.99926
1.65	0.95053	2.05	0.97982	2.45	0.99286	3.20	0.99931
1.66	0.95154	2.06	0.98030	2.46	0.99305	3.22	0.99936
1.67	0.95254	2.07	0.98077	2.47	0.99324	3.24	0.99940
1.68	0.95352	2.08	0.98124	2.48	0.99343	3.26	0.99944
1.69	0.95449	2.09	0.98169	2.49	0.99361	3.28	0.99948
1.70	0.95543	2.10	0.98214	2.50	0.99379	3.30	0.99952
1.71	0.95637	2.11	0.98257	2.52	0.99413	3.32	0.99955
1.72	0.95728	2.12	0.98300	2.54	0.99446	3.34	0.99958
1.73	0.95818	2.13	0.98341	2.56	0.99477	3.36	0.99961
1.74	0.95907	2.14	0.98382	2.58	0.99506	3.38	0.99964
1.75	0.95994	2.15	0.98422	2.60	0.99534	3.40	0.99966
1.76	0.96080	2.16	0.98461	2.62	0.99560	3.42	0.99969
1.77	0.96164	2.17	0.98500	2.64	0.99585	3.44	0.99971
1.78	0.96246	2.18	0.98537	2.66	0.99609	3.46	0.99973
1.79	0.96327	2.19	0.98574	2.68	0.99632	3.48	0.99975
1.80	0.96407	2.20	0.98610	2.70	0.99653	3.50	0.99977
1.81	0.96485	2.21	0.98645	2.72	0.99674	3.55	0.99981
1.82	0.96562	2.22	0.98679	2.74	0.99693	3.60	0.99984
1.83	0.96638	2.23	0.98713	2.76	0.99711	3.65	0.99987
1.84	0.96712	2.24	0.98745	2.78	0.99728	3.70	0.99989
1.85	0.96784	2.25	0.98778	2.80	0.99744	3.75	0.99991
1.86	0.96856	2.26	0.98809	2.82	0.99760	3.80	0.99993
1.87	0.96926	2.27	0.98840	2.84	0.99774	3.85	0.99994
1.88	0.96995	2.28	0.98870	2.86	0.99788	3.90	0.99995
1.89	0.97062	2.29	0.98899	2.88	0.99801	3.95	0.99996
1.90	0.97128	2.30	0.98928	2.90	0.99813	4.00	0.99997
1.91	0.97193	2.31	0.98956	2.92	0.99825	4.05	0.99997
1.92	0.97257	2.32	0.98983	2.94	0.99836	4.10	0.99998
1.93	0.97320	2.33	0.99010	2.96	0.99846	4.15	0.99998
1.94	0.97381	2.34	0.99036	2.98	0.99856	4.20	0.99999
1.95	0.97441	2.35	0.99061	3.00	0.99865	4.25	0.99999
1.96	0.97500	2.36	0.99086	3.02	0.99874	4.30	0.99999
1.97	0.97558	2.37	0.99111	3.04	0.99882	4.35	0.99999
1.98	0.97615	2.38	0.99134	3.06	0.99889	4.40	0.99999
1.99	0.97670	2.39	0.99158	3.08	0.99897	4.45	1.00000

For $u < 0$ is $\Phi(-u) = 1 - \Phi(u)$.

Table III – Quantiles of the normal distribution $N(0.1)$

P	u_P	P	u_P	P	u_P	P	u_P
0.50	0.000	0.75	0.674	**0.950**	**1.645**	**0.975**	**1.960**
0.51	0.025	0.76	0.706	0.951	1.655	0.976	1.977
0.52	0.050	0.77	0.739	0.952	1.665	0.977	1.995
0.53	0.075	0.78	0.772	0.953	1.675	0.978	2.014
0.54	0.100	0.79	0.806	0.954	1.685	0.979	2.034
0.55	0.126	0.80	0.842	0.955	1.695	0.980	2.054
0.56	0.151	0.81	0.878	0.956	1.706	0.981	2.075
0.57	0.176	0.82	0.915	0.957	1.717	0.982	2.097
0.58	0.202	0.83	0.954	0.958	1.728	0.983	2.120
0.59	0.228	0.84	0.994	0.959	1.739	0.984	2.144
0.60	0.253	0.85	1.036	0.960	1.751	0.985	2.170
0.61	0.279	0.86	1.080	0.961	1.762	0.986	2.197
0.62	0.305	0.87	1.126	0.962	1.774	0.987	2.226
0.63	0.332	0.88	1.175	0.963	1.787	0.988	2.257
0.64	0.358	0.89	1.227	0.964	1.799	0.989	2.290
0.65	0.385	0.900	1.282	0.965	1.812	**0.990**	**2.326**
0.66	0.412	0.905	1.311	0.966	1.825	0.991	2.366
0.67	0.440	0.910	1.341	0.967	1.838	0.992	2.409
0.68	0.468	0.915	1.372	0.968	1.852	0.993	2.457
0.69	0.496	0.920	1.405	0.969	1.866	0.994	2.512
0.70	0.524	0.925	1.440	0.970	1.881	**0.995**	**2.576**
0.71	0.553	0.930	1.476	0.971	1.896	0.996	2.652
0.72	0.583	0.935	1.514	0.972	1.911	0.997	2.748
0.73	0.613	0.940	1.555	0.973	1.927	0.998	2.878
0.74	0.643	0.945	1.598	0.974	1.943	0.999	3.090

For $P < 0.5$ is $u_P = -u_{1-P}$.

Table IV – Quantiles t_P of the Student distribution

ν	P					
	0.900	0.950	0.975	0.990	0.995	0.999
1	3.078	6.314	12.706	31.821	63.657	318.3
2	1.886	2.920	4.303	6.965	9.925	22.33
3	1.638	2.353	3.182	4.541	5.841	10.21
4	1.533	2.132	2.776	3.747	4.604	7.173
5	1.476	2.015	2.571	3.365	4.032	5.893
6	1.440	1.943	2.447	3.143	3.707	5.208
7	1.415	1.895	2.365	2.998	3.499	4.785
8	1.397	1.860	2.306	2.896	3.355	4.501
9	1.383	1.833	2.262	2.821	3.250	4.297
10	1.372	1.812	2.228	2.764	3.169	4.144
11	1.363	1.796	2.201	2.718	3.106	4.025
12	1.356	1.782	2.179	2.681	3.055	3.930
13	1.350	1.771	2.160	2.650	3.012	3.852
14	1.345	1.761	2.145	2.624	2.977	3.787
15	1.341	1.753	2.131	2.602	2.947	3.733
16	1.337	1.746	2.120	2.583	2.921	3.686
17	1.333	1.740	2.110	2.567	2.898	3.646
18	1.330	1.734	2.101	2.552	2.878	3.610
19	1.328	1.729	2.093	2.539	2.861	3.579
20	1.325	1.725	2.086	2.528	2.845	3.552
21	1.323	1.721	2.080	2.518	2.831	3.527
22	1.321	1.717	2.074	2.508	2.819	3.505
23	1.319	1.714	2.069	2.500	2.807	3.485
24	1.318	1.711	2.064	2.492	2.797	3.467
25	1.316	1.708	2.060	2.485	2.787	3.450
26	1.315	1.706	2.056	2.479	2.779	3.435
27	1.314	1.703	2.052	2.473	2.771	3.421
28	1.313	1.701	2.048	2.467	2.763	3.408
29	1.311	1.699	2.045	2.462	2.756	3.396
30	1.310	1.697	2.042	2.457	2.750	3.385

For $P < 0.5$ is $t_P = -t_{1-P}$.

Table V – Quantiles χ^2_P of the Pearson distribution

ν	P					
	0.001	0.005	0.010	0.025	0.050	0.100
1	$1.571 \cdot 10^{-6}$	$3.927 \cdot 10^{-5}$	$1.571 \cdot 10^{-4}$	$9.821 \cdot 10^{-4}$	$3.932 \cdot 10^{-3}$	$1.579 \cdot 10^{-2}$
2	0.0020	0.0100	0.0201	0.0506	0.103	0.211
3	0.0243	0.0717	0.115	0.216	0.352	0.584
4	0.0908	0.207	0.297	0.484	0.711	1.06
5	0.210	0.412	0.554	0.831	1.15	1.61
6	0.381	0.676	0.872	1.24	1.64	2.20
7	0.598	0.989	1.24	1.69	2.17	2.83
8	0.857	1.34	1.65	2.18	2.73	3.49
9	1.15	1.73	2.09	2.70	3.33	4.17
10	1.48	2.16	2.56	3.25	3.94	4.87
11	1.83	2.60	3.05	3.82	4.57	5.58
12	2.21	3.07	3.57	4.40	5.23	6.30
13	2.62	3.57	4.11	5.01	5.89	7.04
14	3.04	4.07	4.66	5.63	6.57	7.79
15	3.48	4.60	5.23	6.26	7.26	8.55
16	3.94	5.14	5.81	6.91	7.96	9.31
17	4.42	5.70	6.41	7.56	8.67	10.1
18	4.90	6.26	7.01	8.23	9.39	10.9
19	5.41	6.84	7.63	8.91	10.1	11.7
20	5.92	7.43	8.26	9.59	10.9	12.4
21	6.45	8.03	8.90	10.3	11.6	13.2
22	6.98	8.64	9.54	11.0	12.3	14.0
23	7.53	9.26	10.2	11.7	13.1	14.8
24	8.08	9.89	10.9	12.4	13.8	15.7
25	8.65	10.5	11.5	13.1	14.6	16.5
26	9.22	11.2	12.2	13.8	15.4	17.3
27	9.80	11.8	12.9	14.6	16.2	18.1
28	10.4	12.5	13.6	15.3	16.9	18.9
29	11.0	13.1	14.3	16.0	17.7	19.8
30	11.6	13.8	15.0	16.8	18.5	20.6

Table V – continued

ν	P					
	0.900	0.950	0.975	0.990	0.995	0.999
1	2.71	3.84	5.02	6.63	7.88	10.8
2	4.61	5.99	7.38	9.21	10.6	13.8
3	6.25	7.81	9.35	11.3	12.8	16.3
4	7.78	9.49	11.1	13.3	14.9	18.5
5	9.24	11.1	12.8	15.1	16.7	20.5
6	10.6	12.6	14.4	16.8	18.5	22.5
7	12.0	14.1	16.0	18.5	20.3	24.3
8	13.4	15.5	17.5	20.1	22.0	26.1
9	14.7	16.9	19.0	21.7	23.6	27.9
10	16.0	18.3	20.5	23.2	25.2	29.6
11	17.3	19.7	21.9	24.7	26.8	31.3
12	18.5	21.0	23.3	26.2	28.3	32.9
13	19.8	22.4	24.7	27.7	29.8	34.5
14	21.1	23.7	26.1	29.1	31.3	36.1
15	22.3	25.0	27.5	30.6	32.8	37.7
16	23.5	26.3	28.8	32.0	34.3	39.3
17	24.8	27.6	30.2	33.4	35.7	40.8
18	26.0	28.9	31.5	34.8	37.2	42.3
19	27.2	30.1	32.9	36.2	38.6	43.8
20	28.4	31.4	34.2	37.6	40.0	45.3
21	29.6	32.7	35.5	38.9	41.4	46.8
22	30.8	33.9	36.8	40.3	42.8	48.3
23	32.0	35.2	38.1	41.6	44.2	49.7
24	33.2	36.4	39.4	43.0	45.6	51.2
25	34.4	37.7	40.6	44.3	46.9	52.6
26	35.6	38.9	41.9	45.6	48.3	54.1
27	36.7	40.1	43.2	47.0	49.6	55.5
28	37.9	41.3	44.5	48.3	51.0	56.9
29	39.1	42.6	45.7	49.6	52.3	58.3
30	40.3	43.8	47.0	50.9	53.7	59.7

Table VI/1 – Quantiles $F_{0.95}(\nu_1.\nu_2)$ of the Fisher-Snedecor distribution

ν_2	ν_1								
	1	2	3	4	5	6	7	8	9
1	161.45	199.50	215.71	224.58	230.16	233.99	236.77	238.88	240.54
2	18.513	19.000	19.164	19.247	19.296	19.330	19.353	19.371	19.385
3	10.128	9.552	9.277	9.117	9.014	8.941	8.887	8.845	8.812
4	7.709	6.944	6.591	6.388	6.256	6.163	6.094	6.041	5.999
5	6.608	5.786	5.410	5.192	5.050	4.950	4.876	4.818	4.773
6	5.987	5.143	4.757	4.534	4.387	4.284	4.207	4.147	4.099
7	5.591	4.737	4.347	4.120	3.972	3.866	3.787	3.726	3.677
8	5.318	4.459	4.066	3.838	3.688	3.581	3.501	3.438	3.388
9	5.117	4.257	3.863	3.633	3.482	3.374	3.293	3.230	3.179
10	4.965	4.103	3.708	3.478	3.326	3.217	3.136	3.072	3.020
11	4.844	3.982	3.587	3.357	3.204	3.095	3.012	2.948	2.896
12	4.747	3.885	3.490	3.259	3.106	2.996	2.913	2.849	2.796
13	4.667	3.806	3.411	3.179	3.025	2.915	2.832	2.767	2.714
14	4.600	3.739	3.344	3.112	2.958	2.848	2.764	2.699	2.646
15	4.543	3.682	3.287	3.056	2.901	2.791	2.707	2.641	2.588
16	4.494	3.634	3.239	3.007	2.852	2.741	2.657	2.591	2.538
17	4.451	3.592	3.197	2.965	2.810	2.699	2.614	2.548	2.494
18	4.414	3.555	3.160	2.928	2.773	2.661	2.577	2.510	2.456
19	4.381	3.522	3.127	2.895	2.740	2.628	2.544	2.477	2.423
20	4.351	3.493	3.098	2.866	2.711	2.599	2.514	2.447	2.393
21	4.325	3.467	3.073	2.840	2.685	2.573	2.488	2.421	2.366
22	4.301	3.443	3.049	2.817	2.661	2.549	2.464	2.397	2.342
23	4.279	3.422	3.028	2.796	2.640	2.528	2.442	2.375	2.320
24	4.260	3.403	3.009	2.776	2.621	2.508	2.423	2.355	2.300
25	4.242	3.385	2.991	2.759	2.603	2.490	2.405	2.337	2.282
26	4.225	3.369	2.975	2.743	2.587	2.275	2.388	2.321	2.266
27	4.210	3.354	2.960	2.728	2.572	2.459	2.373	2.305	2.250
28	4.196	3.340	2.947	2.714	2.558	2.445	2.359	2.291	2.236
29	4.183	3.328	2.934	2.701	2.545	2.432	2.346	2.278	2.223
30	4.171	3.316	2.922	2.690	2.534	2.421	2.334	2.266	2.211
40	4.085	3.232	2.839	2.606	2.450	2.336	2.249	2.180	2.124
60	4.001	3.150	2.758	2.525	2.368	2.254	2.167	2.097	2.040
120	3.920	3.072	2.680	2.447	2.290	2.175	2.087	2.016	1.959
∞	3.842	2.996	2.605	2.372	2.214	2.099	2.010	1.938	1.880

For $P = 0.05$ is $F_{0.05}(\nu_1.\nu_2) = \frac{1}{F_{0.95}(\nu_2.\nu_1)}$.

Table VI/1 – continued

ν_2	ν_1									
	10	12	15	20	24	30	40	60	120	∞
1	241.9	243.9	245.9	248.0	249.0	250.1	251.1	252.2	253.2	254.3
2	19.40	19.41	19.43	19.44	19.45	19.46	19.47	19.48	19.49	19.50
3	8.786	8.745	8.703	8.660	8.639	8.617	8.594	8.572	8.549	8.527
4	5.964	5.912	5.858	5.803	5.774	5.746	5.717	5.688	5.658	5.628
5	4.735	4.678	4.619	4.558	4.527	4.496	4.464	4.431	4.398	4.365
6	4.060	4.000	3.938	3.874	3.842	3.808	3.774	3.740	3.705	3.669
7	3.637	3.575	3.511	3.445	3.411	3.376	3.340	3.304	3.267	3.230
8	3.347	3.284	3.218	3.150	3.115	3.079	3.043	3.005	2.967	2.928
9	3.137	3.073	3.006	2.937	2.901	2.864	2.826	2.787	2.748	2.707
10	2.978	2.913	2.845	2.774	2.737	2.700	2.661	2.621	2.580	2.538
11	2.854	2.788	2.719	2.646	2.609	2.571	2.531	2.490	2.448	2.405
12	2.753	2.687	2.617	2.544	2.506	2.466	2.426	2.384	2.341	2.296
13	2.671	2.604	2.533	2.459	2.420	2.380	2.339	2.297	2.252	2.206
14	2.602	2.534	2.463	2.388	2.349	2.308	2.266	2.223	2.178	2.131
15	2.544	2.475	2.404	2.328	2.288	2.247	2.204	2.160	2.114	2.066
16	2.494	2.425	2.352	2.276	2.235	2.194	2.151	2.106	2.059	2.010
17	2.450	2.381	2.308	2.230	2.190	2.148	2.104	2.058	2.011	1.960
18	2.412	2.342	2.269	2.191	2.150	2.107	2.063	2.017	1.968	1.917
19	2.378	2.308	2.234	2.156	2.114	2.071	2.026	1.980	1.930	1.878
20	2.348	2.278	2.203	2.124	2.083	2.039	1.994	1.946	1.896	1.843
21	2.321	2.250	2.176	2.096	2.054	2.010	1.965	1.917	1.866	1.812
22	2.297	2.226	2.151	2.071	2.028	1.984	1.938	1.890	1.838	1.783
23	2.275	2.204	2.128	2.048	2.005	1.961	1.914	1.865	1.813	1.757
24	2.255	2.183	2.108	2.027	1.984	1.939	1.892	1.842	1.790	1.733
25	2.237	2.165	2.089	2.008	1.964	1.919	1.872	1.822	1.768	1.711
26	2.220	2.148	2.072	1.990	1.946	1.901	1.853	1.803	1.749	1.691
27	2.204	2.132	2.056	1.974	1.930	1.884	1.836	1.785	1.731	1.672
28	2.190	2.118	2.041	1.959	1.915	1.869	1.820	1.769	1.714	1.654
29	2.177	2.105	2.028	1.945	1.901	1.854	1.806	1.754	1.698	1.638
30	2.165	2.092	2.015	1.932	1.887	1.841	1.792	1.740	1.684	1.622
40	2.077	2.004	1.925	1.839	1.793	1.744	1.693	1.637	1.577	1.509
60	1.993	1.917	1.836	1.748	1.700	1.649	1.594	1.534	1.467	1.389
120	1.911	1.834	1.751	1.659	1.608	1.554	1.495	1.429	1.352	1.254
∞	1.831	1.752	1.666	1.571	1.517	1.459	1.394	1.318	1.221	1.000

Table VI/2 – Quantiles $F_{0.975}(\nu_1.\nu_2)$ of the Fisher-Snedecor distribution

ν_2	ν_1								
	1	2	3	4	5	6	7	8	9
1	647.79	799.50	864.16	899.58	921.85	937.11	948.22	956.66	963.28
2	38.506	39.000	39.165	39.248	39.298	39.331	39.355	39.373	39.387
3	17.443	16.044	15.439	15.101	14.885	14.735	14.624	14.540	14.473
4	12.218	10.649	9.979	9.605	9.365	9.197	9.074	8.980	8.905
5	10.007	8.434	7.764	7.388	7.146	6.978	6.853	6.757	6.681
6	8.813	7.260	6.599	6.227	5.988	5.820	5.696	5.600	5.523
7	8.073	6.542	5.890	5.523	5.285	5.119	4.995	4.899	4.823
8	7.571	6.060	5.416	5.053	4.817	4.652	4.529	4.433	4.357
9	7.209	5.715	5.078	4.718	4.484	4.320	4.197	4.102	4.026
10	6.937	5.456	4.826	4.468	4.236	4.072	3.950	3.855	3.779
11	6.724	5.256	4.630	4.275	4.044	3.881	3.759	3.664	3.588
12	6.554	5.096	4.474	4.121	3.891	3.728	3.607	3.512	3.436
13	6.414	4.965	4.347	3.996	3.767	3.604	3.483	3.388	3.312
14	6.298	4.857	4.242	3.892	3.663	3.501	3.380	3.285	3.209
15	6.200	4.765	4.153	3.804	3.576	3.415	3.293	3.199	3.123
16	6.115	4.687	4.077	3.729	3.502	3.341	3.219	3.125	3.049
17	6.042	4.619	4.011	3.665	3.438	3.277	3.156	3.061	2.985
18	5.978	4.560	3.954	3.608	3.382	3.221	3.100	3.005	2.929
19	5.922	4.508	3.903	3.559	3.333	3.172	3.051	2.956	2.880
20	5.872	4.461	3.859	3.515	3.289	3.128	3.007	2.913	2.837
21	5.827	4.420	3.819	3.475	3.250	3.090	2.969	2.874	2.798
22	5.786	4.383	3.783	3.440	3.215	3.055	2.934	2.839	2.763
23	5.750	4.349	3.751	3.408	3.184	3.023	2.902	2.808	2.731
24	5.717	4.319	3.721	3.379	3.155	2.995	2.874	2.779	2.703
25	5.686	4.291	3.694	3.353	3.129	2.969	2.848	2.753	2.677
26	5.659	4.266	3.670	3.329	3.105	2.945	2.824	2.729	2.653
27	5.633	4.242	3.647	3.307	3.083	2.923	2.802	2.707	2.631
28	5.610	4.221	3.626	3.286	3.063	2.903	2.782	2.687	2.611
29	5.588	4.201	3.607	3.267	3.044	2.884	2.763	2.669	2.592
30	5.568	4.182	3.589	3.250	3.027	2.867	2.746	2.651	2.575
40	5.424	4.051	3.463	3.126	2.904	2.744	2.624	2.529	2.452
60	5.286	3.925	3.343	3.008	2.786	2.627	2.507	2.412	2.334
120	5.152	3.805	3.227	2.894	2.674	2.515	2.395	2.299	2.222
∞	5.024	3.689	3.116	2.786	2.567	2.408	2.288	2.192	2.114

For $P = 0.025$ is $F_{0.025}(\nu_1.\nu_2) = \frac{1}{F_{0.975}(\nu_2.\nu_1)}$.

Table VI/2 – continued

ν_2	ν_1									
	10	12	15	20	24	30	40	60	120	∞
1	968.6	976.7	984.9	993.1	997.2	1001.4	1005.6	1009.8	1014.0	1018.3
2	39.40	39.41	39.43	39.44	39.45	39.46	39.47	39.48	39.49	39.50
3	14.42	14.34	14.25	14.17	14.12	14.08	14.04	13.99	13.95	13.90
4	8.844	8.751	8.657	8.560	8.511	8.461	8.411	8.360	8.309	8.257
5	6.619	6.525	6.428	6.329	6.278	6.227	6.175	6.123	6.069	6.015
6	5.461	5.366	5.269	5.168	5.117	5.065	5.015	4.959	4.905	4.849
7	4.761	4.666	4.568	4.467	4.415	4.362	4.309	4.254	4.199	4.142
8	4.295	4.200	4.101	4.000	3.947	3.894	3.840	3.784	3.728	3.670
9	3.964	3.868	3.769	3.667	3.614	3.560	3.506	3.449	3.392	3.333
10	3.717	3.621	3.522	3.419	3.365	3.311	3.255	3.198	3.140	3.080
11	3.526	3.430	3.330	3.226	3.173	3.118	3.061	3.004	2.944	2.883
12	3.374	3.277	3.177	3.073	3.019	2.963	2.906	2.848	2.787	2.725
13	3.250	3.153	3.053	2.948	2.893	2.837	2.780	2.720	2.659	2.596
14	3.147	3.050	2.949	2.844	2.789	2.732	2.674	2.614	2.552	2.487
15	3.060	2.963	2.862	2.756	2.701	2.644	2.585	2.524	2.461	2.395
16	2.986	2.889	2.788	2.681	2.625	2.568	2.509	2.447	2.383	2.316
17	2.922	2.825	2.723	2.616	2.560	2.502	2.442	2.380	2.315	2.247
18	2.866	2.769	2.667	2.559	2.503	2.445	2.384	2.321	2.256	2.187
19	2.817	2.720	2.617	2.509	2.452	2.394	2.333	2.270	2.203	2.133
20	2.774	2.676	2.573	2.465	2.408	2.349	2.287	2.223	2.156	2.085
21	2.735	2.637	2.534	2.425	2.368	2.308	2.247	2.182	2.114	2.042
22	2.700	2.602	2.498	2.389	2.332	2.272	2.210	2.145	2.076	2.003
23	2.668	2.570	2.467	2.357	2.299	2.239	2.176	2.111	2.042	1.968
24	2.640	2.541	2.437	2.327	2.269	2.209	2.146	2.080	2.010	1.935
25	2.614	2.515	2.411	2.301	2.242	2.182	2.118	2.052	1.981	1.906
26	2.590	2.491	2.387	2.276	2.217	2.157	2.093	2.026	1.955	1.878
27	2.568	2.469	2.364	2.253	2.195	2.133	2.069	2.002	1.930	1.853
28	2.547	2.448	2.344	2.232	2.174	2.112	2.048	1.980	1.907	1.829
29	2.529	2.430	2.325	2.213	2.154	2.092	2.028	1.959	1.886	1.807
30	2.511	2.412	2.307	2.195	2.136	2.074	2.009	1.940	1.866	1.787
40	2.388	2.288	2.182	2.068	2.007	1.943	1.875	1.803	1.724	1.637
60	2.270	2.169	2.061	1.945	1.882	1.815	1.744	1.667	1.581	1.482
120	2.157	2.055	1.945	1.825	1.760	1.690	1.614	1.530	1.433	1.310
∞	2.048	1.945	1.833	1.709	1.640	1.566	1.484	1.388	1.268	1.000

Tabulka VII – Quantiles of Kolmogorov-Smirnovov test

n	$d_{n,0.90}$	$d_{n,0.95}$	$d_{n,0.99}$
1	0.950	0.975	0.995
2	0.776	0.842	0.929
3	0.636	0.708	0.829
4	0.565	0.624	0.734
5	0.509	0.563	0.669
6	0.468	0.519	0.617
7	0.436	0.483	0.576
8	0.410	0.454	0.542
9	0.387	0.430	0.513
10	0.369	0.409	0.489
11	0.352	0.391	0.468
12	0.338	0.375	0.449
13	0.325	0.361	0.432
14	0.314	0.349	0.418
15	0.304	0.338	0.404
16	0.295	0.327	0.392
17	0.286	0.318	0.380
18	0.279	0.309	0.371
19	0.271	0.301	0.361
20	0.265	0.294	0.352
21	0.259	0.287	0.344
22	0.253	0.281	0.337
23	0.247	0.275	0.330
24	0.242	0.269	0.323
25	0.238	0.264	0.317

n	$d_{n,0.90}$	$d_{n,0.95}$	$d_{n,0.99}$
26	0.233	0.259	0.311
27	0.229	0.254	0.305
28	0.225	0.250	0.300
29	0.221	0.246	0.295
30	0.218	0.242	0.290
31	0.214	0.238	0.285
32	0.211	0.234	0.281
33	0.208	0.231	0.277
34	0.205	0.227	0.273
35	0.202	0.224	0.269
36	0.199	0.221	0.265
37	0.196	0.218	0.262
38	0.194	0.215	0.258
39	0.191	0.213	0.255
40	0.189	0.210	0.252
41	0.187	0.208	0.249
42	0.185	0.205	0.246
43	0.183	0.203	0.243
44	0.181	0.201	0.241
45	0.179	0.198	0.238
46	0.177	0.196	0.235
47	0.175	0.194	0.233
48	0.173	0.192	0.231
49	0.171	0.190	0.228
50	0.170	0.188	0.226

For large n approximately

$$d_{n,0.90} = \frac{1.22}{\sqrt{n}}, \quad d_{n,0.95} = \frac{1.36}{\sqrt{n}}, \quad d_{n,0.99} = \frac{1.63}{\sqrt{n}}.$$

Table VIII – Critical values for Pearson correlation coefficient (two-sided test)

	α			α			α	
n	0.05	0.01	n	0.05	0.01	n	0.05	0.01
3	0.9969	0.9999	14	0.5324	0.6614	25	0.3961	0.5052
4	0.9500	0.9900	15	0.5140	0.6411	30	0.3610	0.4629
5	0.8783	0.9587	16	0.4973	0.6226	35	0.3338	0.4296
6	0.8114	0.9172	17	0.4822	0.6055	40	0.3120	0.4026
7	0.7545	0.8745	18	0.4683	0.5897	45	0.2940	0.3801
8	0.7067	0.8343	19	0.4555	0.5751	50	0.2787	0.3610
9	0.6664	0.7977	20	0.4438	0.5614	60	0.2542	0.3301
10	0.6319	0.7646	21	0.4329	0.5487	70	0.2352	0.3060
11	0.6021	0.7348	22	0.4227	0.5368	80	0.2199	0.2864
12	0.5760	0.7079	23	0.4732	0.5256	90	0.2072	0.2702
13	0.5529	0.6835	24	0.4044	0.5151	100	0.1966	0.2565

Source: Anděl, Jiří. *Statistické metody.* 2. vyd. Praha: MATFYZPRESS, 2003

Table IX – Critical values for Spearman correlation coefficient (two-sided test)

	α			α			α	
n	0.05	0.01	n	0.05	0.01	n	0.05	0.01
			11	0.6091	0.7545	21	0.4351	0.5545
			12	0.5804	0.7273	22	0.4241	0.5426
			13	0.5549	0.6978	23	0.4150	0.5306
			14	0.5341	0.6747	24	0.4061	0.5200
5	0.9000	–	15	0.5179	0.6536	25	0.3977	0.5100
6	0.8286	0.9429	16	0.5000	0.6324	26	0.3894	0.5002
7	0.7450	0.8929	17	0.4853	0.6152	27	0.3822	0.4915
8	0.6905	0.8571	18	0.4716	0.5975	28	0.3749	0.4828
9	0.6833	0.8167	19	0.4579	0.5825	29	0.3685	0.4744
10	0.6364	0.7818	20	0.4451	0.5684	30	0.3620	0.4665

Source: Anděl, Jiří. *Statistické metody.* 2. vyd. Praha: MATFYZPRESS, 2003

Table X – Critical values for the sign test

α / n	0.10	0.05	0.01	Two-sided test	α / n	0.10	0.05	0.01	Two-sided test
	0.05	0.025	0.005	One-sided test		0.05	0.025	0.005	One-sided test
5	0				23	7	6	4	
6	0	0			24	7	6	5	
7	0	0			25	7	7	5	
8	1	0	0		26	8	7	6	
9	1	1	0		27	8	7	6	
10	1	1	0		28	9	8	6	
11	2	1	0		29	9	8	7	
12	2	2	1		30	10	9	7	
13	3	2	1		31	10	9	7	
14	3	2	1		32	10	9	8	
15	3	3	2		33	11	10	8	
16	4	3	2		34	11	10	9	
17	4	4	2		35	12	11	9	
18	5	4	3		36	12	11	9	
19	5	4	3		37	13	12	10	
20	5	5	3		38	13	12	10	
21	6	5	4		39	13	12	11	
22	6	5	4		40	14	13	11	

Source: Montgomery, D. C., and Runger, G. C. *Applied statistics and probability for engineers.* 5th ed. John Wiley & Sons, 2011.

Table XI – Critical values for the Wilcoxon signed-rank test

n \ α	0.10	0.05	0.02	0.01	Two-sided test
	0.05	0.025	0.01	0.005	One-sided test
4					
5	0				
6	2	0			
7	3	2	0		
8	5	3	1	0	
9	8	5	3	1	
10	10	8	5	3	
11	13	10	7	5	
12	17	13	9	7	
13	21	17	12	9	
14	25	21	15	12	
15	30	25	19	15	
16	35	29	23	19	
17	41	34	27	23	
18	47	40	32	27	
19	53	46	37	32	
20	60	52	43	37	
21	67	58	49	42	
22	75	65	55	48	
23	83	73	62	54	
24	91	81	69	61	
25	100	89	76	68	

If $n > 25$, W^- (or W^+) is approximately normally distributed with mean $n(n+1)/4$ and variance $n(n+1)(2n+1)/24$.

Source: Montgomery, D. C., and Runger, G. C. *Applied statistics and probability for engineers.* 5th ed. John Wiley & Sons, 2011.

Table XII – Critical values for the Wilcoxon rank-sum test

$w_{0.05}$

n_2 \ n_1	4	5	6	7	8	9	10	11	12	13	14	15
4	10											
5	11	17										
6	12	18	26									
7	13	20	27	36								
8	14	21	29	38	49							
9	15	22	31	40	51	63						
10	15	23	32	42	53	65	78					
11	16	24	34	44	55	68	81	96				
12	17	26	35	46	58	71	85	99	115			
13	18	27	37	48	60	73	88	103	119	137		
14	19	28	38	50	63	76	91	106	123	141	160	
15	20	29	40	52	65	79	94	110	127	145	164	185
16	21	31	42	54	67	82	97	114	131	150	169	
17	21	32	43	56	70	84	100	117	135	154		
18	22	33	45	58	72	87	103	121	139			
19	23	34	46	60	74	90	107	124				
20	24	35	48	62	77	93	110					
21	25	37	50	64	79	95						
22	26	38	51	66	82							
23	27	39	53	68								
24	28	40	55									
25	28	42										
26	29											

For n_1 and $n_2 > 8$ is approximately normally distributed with mean $n_1(n_1 + n_2 + 1)/2$ and variance $n_1 n_2(n_1 + n_2 + 1)/12$.

Source: Montgomery, D. C., and Runger, G. C. *Applied statistics and probability for engineers.* 5th ed. John Wiley & Sons, 2011.

Table XII – continued

$w_{0.01}$

n_2 \ n_1	4	5	6	7	8	9	10	11	12	13	14	15
5	15											
6	10	16	23									
7	10	17	24	32								
8	11	17	25	34	43							
9	11	18	26	35	45	56						
10	12	19	27	37	47	58	71					
11	12	20	28	38	49	61	74	87				
12	13	21	30	40	51	63	76	90	106			
13	14	22	31	41	53	65	79	93	109	125		
14	14	22	32	43	54	67	81	96	112	129	147	
15	15	23	33	44	56	70	84	99	115	133	151	171
16	15	24	34	46	58	72	86	102	119	137	155	
17	16	25	36	47	60	74	89	105	122	140		
18	16	26	37	49	62	76	92	108	125			
19	17	27	38	50	64	78	94	111				
20	18	28	39	52	66	81	97					
21	18	29	40	53	68	83						
22	19	29	42	55	70							
23	19	30	43	57								
24	20	31	44									
25	20	32										
26	21											

Source: Montgomery, D. C., and Runger, G. C. *Applied statistics and probability for engineers.* 5th ed. John Wiley & Sons, 2011.