

# **TABELLER**



TABELL FÖR WILCOXONS TECKENRANGTEST

APPENDIX 4 Statistical Tables

TABLE F Cumulative probabilities  $P(W \leq c)$ , where  $W$  has the signed rank distribution for sample size  $n$

$n$ :	2	3	4	5	6	7	8
0	.250	.125	.062	.031	.016	.008	.004
1	.500	.250	.125	.062	.031	.016	.008
2		.375	.188	.094	.047	.023	.012
3		.625	.312	.156	.078	.039	.020
4			.438	.219	.109	.055	.027
5			.562	.312	.156	.078	.039
6				.406	.219	.109	.055
7				.500	.281	.148	.074
8					.344	.188	.098
9					.422	.234	.125
10					.500	.289	.156
11						.344	.191
12						.406	.230
13						.469	.273
14						.531	.320
15							.371
16							.422
17							.473
18							.527

$n$ :	9	10	11	12	13	14	15
0	.002	.001	.000	.000	.000	.000	.000
1	.004	.002	.001	.000	.000	.000	.000
2	.006	.003	.001	.001	.000	.000	.000
3	.010	.005	.002	.001	.001	.000	.000
4	.014	.007	.003	.002	.001	.001	.000
5	.020	.010	.005	.003	.002	.001	.000
6	.027	.014	.007	.004	.002	.001	.001
7	.037	.019	.009	.006	.003	.002	.001
8	.049	.024	.012	.008	.004	.002	.001
9	.064	.032	.016	.010	.005	.003	.001
10	.082	.042	.021	.013	.007	.004	.002
11	.102	.053	.027	.017	.009	.005	.002
12	.125	.065	.034	.021	.011	.005	.003
13	.150	.080	.042	.026	.013	.007	.003
14	.180	.097	.051	.032	.016	.008	.004
15	.213	.116	.062	.039	.020	.010	.005
16	.248	.138	.074	.046	.024	.012	.006
17	.285	.161	.087	.055	.029	.015	.008
18	.326	.188	.103	.065	.034	.018	.009
19	.367	.216	.120	.076	.040	.021	.011
20	.410	.246	.139	.088	.047	.025	.013
21	.455	.278	.160	.102	.055	.029	.015
22	.500	.312	.183	.117	.064	.034	.018
23		.348	.207	.133	.073	.039	.021
24		.385	.232	.151	.084	.045	.024
25		.423	.260	.171	.094	.051	.027

(continued)

APPENDIX 4 Statistical Tables

TABLE F (continued)

$n$ :	10	11	12	13	14	15
26	.461	.289	.170	.095	.052	.028
27	.500	.319	.190	.108	.059	.032
28		.350	.212	.122	.068	.036
29		.382	.235	.137	.077	.042
30		.416	.259	.153	.086	.047
31		.449	.285	.170	.097	.053
32		.483	.311	.188	.108	.060
33		.517	.339	.207	.121	.068
34			.367	.227	.134	.076
35			.396	.249	.148	.084
36			.425	.271	.163	.094
37			.455	.294	.179	.104
38			.485	.318	.196	.115
39			.515	.342	.213	.126
40				.368	.232	.138
41				.393	.251	.151
42				.420	.271	.165
43				.446	.292	.180
44				.473	.313	.195
45				.500	.335	.211
46					.357	.227
47					.380	.244
48					.404	.262
49					.428	.281
50					.452	.300
51					.476	.319
52					.500	.339
53						.360
54						.381
55						.402
56						.423
57						.445
58						.467
59						.489
60						.511

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TABLE I. Kresnal-Wallis upper-tail probabilities,  $P = P(K > c) | U$  groups, sample sizes in parentheses) (Continued)

3.883	.148	5.666	.049	7.563	.013	9.926	.001	6.660	.027
3.891	.144	5.711	.048	7.586	.012	9.986	.000	6.720	.026
3.906	.142	5.780	.048	7.631	.012	10.051	.000	6.740	.025
3.926	.140	5.803	.047	7.640	.011	10.063	.000	6.860	.024
3.951	.137	5.811	.046	7.686	.011	10.100	.000	6.980	.024
3.971	.135	5.871	.045	7.720	.011	10.260	.000	7.020	.020
4.043	.133	5.903	.043	7.766	.010	10.511	.000	7.220	.019
4.062	.131	5.963	.042	7.791	.010	10.520	.000	7.260	.018
4.166	.127	5.983	.042	7.823	.010	10.566	.000	7.280	.018
4.200	.124	5.986	.041	7.860	.010	10.646	.000	7.340	.016
4.203	.122	6.031	.040	7.903	.009	11.033	.000	7.440	.015
4.246	.120	6.086	.040	7.906	.009	11.083	.000	7.460	.015
4.271	.118	6.100	.038	8.006	.009	11.571	.000	7.580	.014
4.291	.115	6.123	.037	8.043	.009	(5,5,5)		7.620	.013
4.303	.113	6.146	.037	8.051	.008	c	p	7.740	.012
4.363	.111	6.166	.035	8.066	.008	3.860	.150	7.760	.012
4.383	.110	6.211	.035	8.086	.008	3.920	.145	7.940	.011
4.386	.108	6.223	.034	8.131	.008	3.980	.137	7.980	.011
4.486	.106	6.283	.034	8.143	.008	4.020	.132	8.000	.009
4.500	.105	6.303	.033	8.223	.007	4.160	.127	8.060	.009
4.520	.101	6.351	.032	8.226	.007	4.220	.123	8.180	.008
4.523	.099	6.406	.031	8.271	.007	4.340	.118	8.240	.008
4.531	.098	6.440	.030	8.280	.006	4.380	.118	8.340	.007
4.591	.096	6.451	.029	8.340	.006	4.460	.105	8.540	.006
4.611	.095	6.486	.029	8.363	.006	4.500	.102	8.640	.006
4.650	.092	6.531	.028	8.371	.005	4.560	.100	8.720	.005
4.706	.089	6.543	.028	8.386	.005	4.580	.096	8.780	.005
4.806	.089	6.623	.026	8.431	.005	4.740	.092	8.820	.005
4.843	.088	6.626	.026	8.463	.005	4.820	.089	8.880	.004
4.851	.086	6.671	.025	8.543	.005	4.860	.085	8.860	.004
4.886	.084	6.676	.025	8.546	.004	4.880	.084	8.960	.004
4.911	.079	6.771	.024	8.683	.004	4.940	.081	9.060	.004
4.943	.078	6.786	.023	8.726	.004	5.040	.075	9.140	.003
4.980	.076	6.806	.022	8.751	.004	5.120	.072	9.260	.003
5.023	.075	6.831	.022	8.771	.004	5.360	.065	9.360	.003
5.071	.074	6.900	.021	8.969	.003	5.420	.060	9.380	.003
5.126	.073	6.943	.020	8.980	.003	5.460	.055	9.420	.002
5.163	.070	7.000	.019	9.000	.003	5.540	.055	9.500	.002
5.171	.069	7.046	.018	9.011	.003	5.580	.053	9.620	.002
5.206	.067	7.080	.018	9.026	.003	5.660	.051	9.680	.001
5.231	.066	7.106	.018	9.071	.002	5.780	.049	9.740	.001
5.263	.064	7.171	.018	9.103	.002	5.820	.048	9.920	.001
5.323	.063	7.220	.017	9.163	.002	5.840	.046	9.980	.001
5.400	.061	7.243	.017	9.231	.002	6.000	.044	10.140	.001
5.446	.059	7.266	.016	9.286	.002	6.020	.043	10.220	.001
5.460	.058	7.311	.015	9.323	.001	6.080	.040	10.260	.000
5.483	.057	7.311	.015	9.411	.001	6.140	.038	10.500	.000
5.491	.056	7.320	.015	9.503	.001	6.180	.036	10.580	.000
5.526	.056	7.426	.014	9.506	.001	6.260	.035	10.640	.000
5.571	.055	7.446	.014	9.606	.001	6.320	.033	10.820	.000
5.583	.052	7.471	.014	9.643	.001	6.480	.032	11.060	.000
5.643	.050	7.503	.013	9.686	.001	6.500	.030	11.520	.000
						6.620	.028	11.580	.000
								12.020	.000
								12.500	.000

TABELL FÖR FRIEDMANS TEST

TABLE M. Upper-tail probabilities of Friedman's statistic: P(Q > c); (s treatments and N blocks) (Continued)

Table with multiple columns representing different parameters: s (number of treatments), N (number of blocks), and P (probability). The table is organized into sections for different values of s (3, 4, 5, 6, 7, 8) and N (2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 15). Each section contains a grid of values for c and P. The table is oriented horizontally on the page.

† The remaining 41 entries are all .000.

