

Table A6 The sign test

The table gives critical values of x (the number of cases with the less frequent sign) for different values of N (the number of non-tied pairs of scores). For significance, the computed value of x must be *smaller than or equal to* the critical value.

<i>N</i>	<i>Significance level:</i>		
	<i>two-tailed/non-directional</i>		
	<i>0.10</i>	<i>0.05</i>	<i>0.02</i>
	<i>Significance level:</i>		
	<i>one-tailed/directional</i>		
	<i>0.05</i>	<i>0.025</i>	<i>0.01</i>
5	0	—	—
6	0	0	—
7	0	0	0
8	1	0	0
9	1	1	0
10	1	1	0
11	2	1	1
12	2	2	1
13	3	2	1
14	3	2	2
15	3	3	2
16	4	3	2
17	4	4	3
18	5	4	3
19	5	4	4
20	5	5	4
21	6	5	4
22	6	5	5
23	7	6	5
24	7	6	5
25	7	7	6

Table A10 The Spearman rank correlation coefficient

The table gives the critical values of the Spearman rank correlation coefficient, ρ , for different numbers of pairs of observations, N .

N	<i>Significance level: two-tailed/non-directional</i>			
	<i>0.20</i>	<i>0.10</i>	<i>0.05</i>	<i>0.01</i>
N	<i>Significance level: one-tailed/directional</i>			
	<i>0.10</i>	<i>0.05</i>	<i>0.025</i>	<i>0.005</i>
5	0.800	0.900	1.000	—
6	0.657	0.829	0.886	1.000
7	0.571	0.714	0.786	0.929
8	0.524	0.643	0.738	0.881
9	0.483	0.600	0.700	0.833
10	0.455	0.564	0.648	0.794
11	0.427	0.536	0.618	0.755
12	0.406	0.503	0.587	0.727
13	0.385	0.484	0.560	0.703
14	0.367	0.464	0.538	0.679
15	0.354	0.446	0.521	0.654
16	0.341	0.429	0.503	0.635
17	0.328	0.414	0.488	0.618
18	0.317	0.401	0.472	0.600
19	0.309	0.391	0.460	0.584
20	0.299	0.380	0.447	0.570
21	0.292	0.370	0.436	0.556
22	0.284	0.361	0.425	0.544
23	0.278	0.353	0.416	0.532
24	0.271	0.344	0.407	0.521
25	0.265	0.337	0.398	0.511
26	0.259	0.331	0.390	0.501
27	0.255	0.324	0.383	0.492
28	0.250	0.318	0.375	0.483
29	0.245	0.312	0.368	0.475
30	0.240	0.306	0.362	0.467
35	0.222	0.283	0.335	0.433
40	0.207	0.264	0.313	0.405
45	0.194	0.248	0.294	0.382
50	0.184	0.235	0.279	0.363
55	0.175	0.224	0.266	0.346
60	0.168	0.214	0.255	0.331