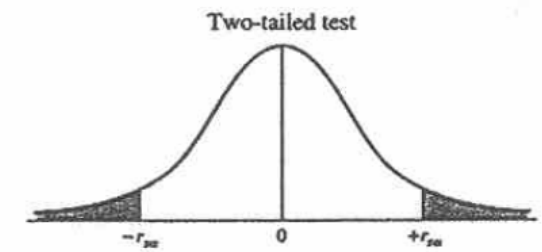
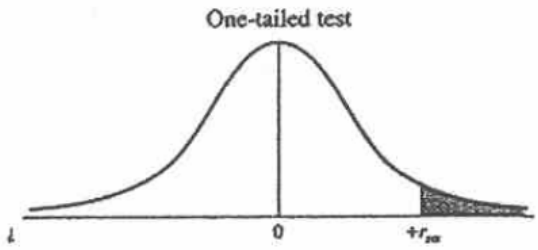
Critical Values of the Spearman Rank Order Correlation Coefficients: The r_s Tables





	Level of Significance	
N	α = .05	α =.01
5	1.000	–
6	.886	1.000
7	.786	.929
8	.738	.881
9	.700	.833
10	.648	.794
11	.618	.755
12	.587	.727
13	.560	.703
14	.538	.675
15	.521	.654
16	.503	.635
17	.485	.615
18	.472	.600
19	.460	.584
20	.447	.570
21	.435	.556
22	.425	.544
23	.415	.532
24	.406	.521
25	.398	.511
26	.390	.501
27	.382	.491
28	.375	.483
29	.368	.475
30	.362	.467
31	.356	.459
32	.350	.452
33	.345	.446
34	.340	.439
35	.335	.433
36	.330	.427
37	.325	.421
38	.321	.415
39	.317	.410
40	.313	.405
41	.309	.400
42	.305	.395
43	.301	.391
44	.298	.386
45	.294	.382
46	.291	.378
47	.288	.374
48	.285	.370
49	.282	.366
50	.279	.363

	Level of Significance	
N	α =.05	α = .01
5	.900	1.000
6	.829	.943
7	.714	.893
8	.643	.833
9	.600	.783
10	.564	.745
11	.536	.709
12	.503	.671
13	.484	.648
14	.464	.622
15	.443	.604
16	.429	.582
17	.414	.566
18	.401	.550
19	.391	.535
20	.380	.520
21	.370	.508
22	.361	.496
23	.353	.486
24	.344	.476
25	.337	.466
26	.331	.457
27	.324	.448
28	.317	.440
29	.312	.433
30	.306	.425
31	.301	.418
32	.296	.412
33	.291	.405
34	287	.399
35	.283	.394
36	.279	.388
37	.275	.383
38	.271	.378
39	.267	.373
40	.264	.368
41	.261	.364
42	.257	.359
43	.254	.355
44	.251	.351
45	.248	.347
46	.246	.343
47	.243	.340
48	.240	.336
49	.238	.333
50	.235	.329

Adapted from Zar, J. H. (1972). Significance testing of the Spearman rank correlation. *Journal of the American Statistical Association.* 67, 578 – 580.