Statistical Power of *r*
(Two-Tailed Test, α = .05)

n	*r*														
	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80
3	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
4	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.07	.08
5	.05	.05	.05	.05	.06	.06	.06	.07	.07	.08	.09	.10	.13	.16	.23
6	.05	.05	.06	.06	.06	.07	.08	.09	.10	.12	.14	.18	.23	.32	.46
7	.05	.05	.06	.06	.07	.08	.09	.11	.13	.17	.21	.27	.36	.49	.65
8	.05	.06	.06	.07	.08	.10	.12	.14	.17	.22	.28	.37	.48	.62	.78
9	.05	.06	.07	.08	.09	.11	.14	.17	.22	.28	.36	.46	.59	.73	.86
10	.05	.06	.07	.08	.10	.13	.16	.20	.26	.34	.43	.54	.67	.80	.91
11	.06	.06	.08	.09	.12	.15	.19	.24	.31	.39	.50	.62	.74	.86	.94
12	.06	.07	.08	.10	.13	.16	.21	.27	.35	.44	.56	.68	.80	.90	.96
13	.06	.07	.09	.11	.14	.18	.24	.30	.39	.49	.61	.73	.84	.93	.98
14	.06	.07	.09	.12	.15	.20	.26	.34	.43	.54	.66	.78	.88	.95	.98
15	.06	.07	.10	.12	.16	.22	.28	.37	.47	.58	.70	.81	.90	.96	.99
16	.06	.08	.10	.13	.18	.24	.31	.40	.51	.62	.74	.85	.92	.97	.99
17	.06	.08	.11	.14	.19	.25	.33	.43	.54	.66	.77	.87	.94	.98	
18	.06	.08	.11	.15	.20	.27	.36	.46	.57	.69	.80	.89	.95	.99	
19	.07	.09	.12	.16	.22	.29	.38	.49	.61	.72	.83	.91	.96	.99	
20	.07	.09	.12	.17	.23	.31	.40	.51	.63	.75	.85	.93	.97	.99	
21	.07	.09	.13	.17	.24	.32	.43	.54	.66	.78	.87	.94	.98	.99	
22	.07	.09	.13	.18	.25	.34	.45	.57	.69	.80	.89	.95	.98		
23	.07	.10	.14	.19	.27	.36	.47	.59	.71	.82	.91	.96	.99		
24	.07	.10	.14	.20	.28	.38	.49	.61	.73	.84	.92	.97	.99		
25	.07	.10	.15	.21	.29	.39	.51	.63	.75	.86	.93	.97	.99		
26	.07	.10	.15	.22	.30	.41	.53	.66	.77	.87	.94	.98	.99		
27	.07	.11	.16	.23	.32	.43	.55	.68	.79	.89	.95	.98			
28	.08	.11	.16	.23	.33	.44	.57	.69	.81	.90	.96	.99			
29	.08	.11	.17	.24	.34	.46	.58	.71	.82	.91	.96	.99			
30	.08	.12	.17	.25	.35	.47	.60	.73	.84	.92	.97	.99			
40	.09	.14	.23	.33	.47	.61	.75	.86	.93	.98	.99				
50	.10	.17	.28	.41	.57	.72	.84	.93	.97	.99					
60	.11	.20	.33	.49	.65	.80	.90	.96	.99						
70	.13	.23	.38	.55	.72	.86	.94	.98							
80	.14	.26	.43	.61	.78	.90	.97	.99							
90	.15	.29	.47	.67	.83	.93	.98								
100	.16	.32	.51	.72	.87	.96	.99								
120	.19	.37	.59	.79	.92	.98									
140	.21	.42	.66	.85	.96	.99									
160	.24	.47	.72	.90	.98										
180	.26	.52	.77	.93	.99										
200	.29	.56	.82	.95	.99										
300	.41	.74	.94	.99											
400	.52	.86	.98												
500	.61	.92													

Statistical Power of *r*
(Two-Tailed Test, α = .01)

n	*r*														
	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80
3	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
4	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
5	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02
6	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.03	.04	.06
7	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.04	.06	.10	.17
8	.01	.01	.01	.01	.02	.02	.02	.03	.03	.04	.06	.08	.12	.19	.34
9	.01	.01	.01	.02	.02	.02	.03	.03	.05	.06	.09	.13	.20	.32	.51
10	.01	.01	.01	.02	.02	.03	.03	.05	.06	.09	.13	.19	.29	.44	.66
11	.01	.01	.02	.02	.02	.03	.04	.06	.08	.12	.17	.26	.38	.56	.76
12	.01	.01	.02	.02	.03	.04	.05	.07	.10	.15	.22	.33	.47	.66	.84
13	.01	.01	.02	.02	.03	.04	.06	.09	.13	.19	.27	.40	.56	.74	.89
14	.01	.02	.02	.03	.04	.05	.07	.11	.16	.23	.33	.46	.63	.80	.93
15	.01	.02	.02	.03	.04	.06	.09	.13	.18	.27	.38	.53	.69	.85	.95
16	.01	.02	.02	.03	.05	.07	.10	.15	.21	.31	.43	.59	.75	.89	.97
17	.01	.02	.02	.04	.05	.08	.11	.17	.24	.35	.48	.64	.80	.92	.98
18	.01	.02	.03	.04	.06	.09	.13	.19	.27	.39	.53	.69	.83	.94	.99
19	.01	.02	.03	.04	.06	.10	.14	.21	.31	.43	.58	.73	.87	.95	.99
20	.01	.02	.03	.05	.07	.11	.16	.23	.34	.47	.62	.77	.89	.97	.99
21	.01	.02	.03	.05	.08	.12	.17	.26	.37	.50	.66	.80	.91	.97	
22	.02	.02	.03	.05	.08	.13	.19	.28	.40	.54	.69	.83	.93	.98	
23	.02	.02	.04	.06	.09	.14	.21	.30	.43	.57	.72	.86	.94	.99	
24	.02	.02	.04	.06	.10	.15	.22	.33	.46	.61	.75	.88	.96	.99	
25	.02	.03	.04	.07	.10	.16	.24	.35	.48	.64	.78	.90	.96	.99	
26	.02	.03	.04	.07	.11	.17	.26	.37	.51	.66	.81	.91	.97	.99	
27	.02	.03	.05	.07	.12	.18	.28	.40	.54	.69	.83	.93	.98		
28	.02	.03	.05	.08	.13	.20	.29	.42	.56	.72	.85	.94	.98		
29	.02	.03	.05	.08	.13	.21	.31	.44	.59	.74	.87	.95	.99		
30	.02	.03	.05	.09	.14	.22	.33	.46	.61	.76	.88	.96	.99		
40	.02	.04	.08	.13	.22	.34	.49	.65	.80	.91	.97	.99			
50	.03	.05	.11	.19	.31	.46	.63	.79	.90	.97	.99				
60	.03	.07	.14	.24	.39	.57	.74	.88	.96	.99					
70	.04	.08	.17	.30	.48	.67	.83	.93	.98						
80	.04	.10	.20	.36	.55	.74	.89	.96	.99						
90	.05	.11	.24	.42	.62	.81	.93	.98							
100	.05	.13	.27	.47	.69	.86	.95	.99							
120	.06	.17	.34	.57	.79	.92	.98								
140	.08	.20	.42	.66	.86	.96	.99								
160	.09	.24	.48	.74	.91	.98									
180	.10	.28	.55	.80	.94	.99									
200	.12	.32	.61	.85	.97										
300	.20	.51	.82	.97											
400	.28	.67	.93	.99											
500	.37	.79	.98												

Statistical Power of *r*
(One-Tailed Test, α = .05)

n	*r*														
	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80
3	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06
4	.05	.06	.06	.06	.07	.07	.07	.08	.09	.09	.10	.11	.13	.16	.20
5	.06	.06	.07	.08	.08	.09	.10	.12	.13	.16	.18	.22	.28	.36	.48
6	.06	.07	.08	.09	.10	.12	.14	.16	.19	.23	.28	.35	.44	.55	.69
7	.07	.08	.09	.11	.12	.15	.17	.21	.25	.31	.37	.46	.57	.69	.81
8	.07	.08	.10	.12	.14	.17	.21	.25	.31	.38	.46	.56	.67	.78	.88
9	.07	.09	.11	.13	.16	.20	.24	.30	.36	.44	.53	.64	.75	.85	.93
10	.08	.10	.12	.15	.18	.22	.27	.34	.41	.50	.60	.70	.81	.89	.95
11	.08	.10	.13	.16	.20	.25	.31	.38	.46	.56	.66	.76	.85	.92	.97
12	.08	.11	.14	.17	.22	.27	.34	.42	.51	.60	.71	.80	.89	.95	.98
13	.09	.11	.14	.18	.23	.29	.37	.45	.55	.65	.75	.84	.91	.96	.99
14	.09	.12	.15	.20	.25	.32	.40	.49	.58	.69	.78	.87	.93	.97	.99
15	.09	.12	.16	.21	.27	.34	.42	.52	.62	.72	.82	.89	.95	.98	
16	.09	.13	.17	.22	.28	.36	.45	.55	.65	.75	.84	.91	.96	.99	
17	.10	.13	.18	.23	.30	.38	.48	.58	.68	.78	.87	.93	.97	.99	
18	.10	.14	.18	.24	.32	.40	.50	.60	.71	.81	.89	.94	.98	.99	
19	.10	.14	.19	.25	.33	.42	.52	.63	.73	.83	.90	.95	.98		
20	.10	.14	.20	.27	.35	.44	.55	.65	.76	.85	.92	.96	.99		
21	.11	.15	.21	.28	.36	.46	.57	.68	.78	.87	.93	.97	.99		
22	.11	.15	.21	.29	.38	.48	.59	.70	.80	.88	.94	.98	.99		
23	.11	.16	.22	.30	.39	.50	.61	.72	.82	.90	.95	.98	.99		
24	.11	.16	.23	.31	.41	.51	.63	.74	.83	.91	.96	.98			
25	.12	.17	.23	.32	.42	.53	.65	.76	.85	.92	.96	.99			
26	.12	.17	.24	.33	.43	.55	.66	.77	.86	.93	.97	.99			
27	.12	.18	.25	.34	.45	.56	.68	.79	.88	.94	.97	.99			
28	.12	.18	.26	.35	.46	.58	.70	.80	.89	.94	.98	.99			
29	.12	.18	.26	.36	.47	.59	.71	.82	.90	.95	.98	.99			
30	.13	.19	.27	.37	.49	.61	.73	.83	.91	.96	.98				
40	.15	.23	.34	.46	.60	.73	.84	.92	.97	.99					
50	.17	.27	.40	.54	.69	.82	.91	.96	.99						
60	.18	.30	.45	.62	.76	.88	.95	.98							
70	.20	.34	.51	.68	.82	.92	.97	.99							
80	.22	.37	.55	.73	.87	.95	.98								
90	.24	.41	.60	.78	.90	.97	.99								
100	.25	.44	.64	.81	.93	.98									
120	.29	.50	.71	.87	.96	.99									
140	.32	.55	.77	.91	.98										
160	.35	.60	.82	.94	.99										
180	.38	.64	.86	.96	.99										
200	.41	.68	.89	.98											
300	.53	.83	.97												
400	.64	.92	.99												
500	.72	.96													

Statistical Power of *r*
(One-Tailed Test, α = .01)

n	*r*														
	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80
3	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
4	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02
5	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.03	.04	.06
6	.01	.01	.01	.02	.02	.02	.02	.03	.03	.04	.04	.06	.07	.11	.17
7	.01	.01	.02	.02	.02	.03	.03	.04	.05	.06	.08	.10	.15	.22	.36
8	.01	.02	.02	.02	.03	.03	.04	.05	.07	.09	.12	.17	.24	.36	.55
9	.01	.02	.02	.03	.03	.04	.05	.07	.09	.12	.17	.24	.35	.50	.69
10	.02	.02	.02	.03	.04	.05	.07	.09	.12	.17	.23	.32	.45	.62	.80
11	.02	.02	.03	.04	.05	.06	.08	.11	.15	.21	.29	.40	.55	.71	.87
12	.02	.02	.03	.04	.05	.07	.10	.13	.19	.26	.35	.48	.63	.78	.91
13	.02	.02	.03	.04	.06	.08	.12	.16	.22	.30	.41	.55	.70	.84	.94
14	.02	.03	.04	.05	.07	.10	.13	.18	.25	.35	.47	.61	.76	.88	.96
15	.02	.03	.04	.05	.08	.11	.15	.21	.29	.39	.52	.66	.80	.91	.97
16	.02	.03	.04	.06	.08	.12	.17	.24	.32	.44	.57	.71	.84	.94	.98
17	.02	.03	.05	.06	.09	.13	.19	.26	.36	.48	.62	.76	.87	.95	.99
18	.02	.03	.05	.07	.10	.15	.21	.29	.39	.52	.66	.79	.90	.97	.99
19	.02	.03	.05	.08	.11	.16	.23	.32	.43	.56	.70	.82	.92	.97	
20	.02	.04	.05	.08	.12	.17	.25	.34	.46	.59	.73	.85	.94	.98	
21	.02	.04	.06	.09	.13	.19	.27	.37	.49	.63	.76	.88	.95	.99	
22	.03	.04	.06	.09	.14	.20	.29	.39	.52	.66	.79	.90	.96	.99	
23	.03	.04	.06	.10	.15	.21	.31	.42	.55	.69	.82	.91	.97	.99	
24	.03	.04	.07	.10	.16	.23	.32	.44	.58	.72	.84	.93	.98	.99	
25	.03	.04	.07	.11	.17	.24	.34	.47	.60	.74	.86	.94	.98		
26	.03	.05	.07	.12	.18	.26	.36	.49	.63	.76	.88	.95	.99		
27	.03	.05	.08	.12	.19	.27	.38	.51	.65	.79	.89	.96	.99		
28	.03	.05	.08	.13	.19	.29	.40	.54	.68	.81	.90	.96	.99		
29	.03	.05	.08	.13	.20	.30	.42	.56	.70	.82	.92	.97	.99		
30	.03	.05	.09	.14	.21	.31	.44	.58	.72	.84	.93	.98	.99		
40	.04	.07	.12	.20	.31	.45	.60	.75	.87	.94	.98				
50	.05	.09	.16	.27	.41	.57	.73	.86	.94	.98					
60	.05	.11	.20	.34	.50	.67	.82	.92	.98	.99					
70	.06	.13	.24	.40	.58	.76	.89	.96	.99						
80	.07	.15	.28	.46	.66	.82	.93	.98							
90	.08	.17	.33	.52	.72	.87	.96	.99							
100	.09	.20	.37	.58	.77	.91	.97	.99							
120	.10	.24	.44	.67	.85	.95	.99								
140	.12	.28	.52	.75	.91	.98									
160	.14	.33	.59	.81	.94	.99									
180	.16	.37	.65	.86	.97										
200	.18	.42	.70	.90	.98										
300	.27	.61	.88	.98											
400	.37	.76	.96												
500	.46	.85	.99												