

Linear Correlation (Section 10-2)

TABLE A-5		Critical Values of the Pearson Correlation Coefficient r	
n	$\alpha = .05$	$\alpha = .01$	
4	.950	.990	
5	.878	.959	
6	.811	.917	
7	.754	.875	
8	.707	.834	
9	.666	.798	
10	.632	.765	
11	.602	.735	
12	.576	.708	
13	.553	.684	
14	.532	.661	
15	.514	.641	
16	.497	.623	
17	.482	.606	
18	.468	.590	
19	.456	.575	
20	.444	.561	
25	.396	.505	
30	.361	.463	
35	.335	.430	
40	.312	.402	
45	.294	.378	
50	.279	.361	
60	.254	.330	
70	.236	.305	
80	.220	.286	
90	.207	.269	
100	.196	.256	

NOTE: To test $H_0: \rho = 0$ against $H_1: \rho \neq 0$, reject H_0 if the absolute value of r is greater than the critical value in the table.