

Table A.3 One-Sided p -Values for Significance Tests Based on a t -Statistic

• A p -value in the table is the area to the right of t .

• Double the value if the alternative hypothesis is two-sided (not equal).

df	Absolute Value of t -Statistic							
	1.28	1.50	1.65	1.80	2.00	2.33	2.58	3.00
1	.211	.187	.173	.161	.148	.129	.118	.102
2	.164	.136	.120	.107	.092	.073	.062	.048
3	.145	.115	.099	.085	.070	.051	.041	.029
4	.135	.104	.087	.073	.058	.040	.031	.020
5	.128	.097	.080	.066	.051	.034	.025	.015
6	.124	.092	.075	.061	.046	.029	.021	.012
7	.121	.089	.071	.057	.043	.026	.018	.010
8	.118	.086	.069	.055	.040	.024	.016	.009
9	.116	.084	.067	.053	.038	.022	.015	.007
10	.115	.082	.065	.051	.037	.021	.014	.007
11	.113	.081	.064	.050	.035	.020	.013	.006
12	.112	.080	.062	.049	.034	.019	.012	.006
13	.111	.079	.061	.048	.033	.018	.011	.005
14	.111	.078	.061	.047	.033	.018	.011	.005
15	.110	.077	.060	.046	.032	.017	.010	.004
16	.109	.077	.059	.045	.031	.017	.010	.004
17	.109	.076	.059	.045	.031	.016	.010	.004
18	.108	.075	.058	.044	.030	.016	.009	.004
19	.108	.075	.058	.044	.030	.015	.009	.004
20	.108	.075	.057	.043	.030	.015	.009	.004
21	.107	.074	.057	.043	.029	.015	.009	.003
22	.107	.074	.057	.043	.029	.015	.009	.003
23	.107	.074	.056	.042	.029	.014	.008	.003
24	.106	.073	.056	.042	.028	.014	.008	.003
25	.106	.073	.056	.042	.028	.014	.008	.003
26	.106	.073	.055	.042	.028	.014	.008	.003
27	.106	.073	.055	.042	.028	.014	.008	.003
28	.106	.072	.055	.041	.028	.014	.008	.003
29	.105	.072	.055	.041	.027	.013	.008	.003
30	.105	.072	.055	.041	.027	.013	.008	.003
40	.104	.071	.053	.040	.026	.012	.007	.002
50	.103	.070	.053	.039	.025	.012	.006	.002
60	.103	.069	.052	.038	.025	.012	.006	.002
70	.102	.069	.052	.038	.025	.011	.006	.002
80	.102	.069	.051	.038	.024	.011	.006	.002
90	.102	.069	.051	.038	.024	.011	.006	.002
100	.102	.068	.051	.037	.024	.011	.006	.002
1000	.100	.067	.050	.036	.023	.010	.005	.001
Infinite	.1003	.0668	.0495	.0359	.0228	.0099	.0049	.0013

Note that the t -distribution with infinite df is the standard normal distribution.