

Power Table for Cohen's d

Two-Tailed Probabilities (p) for a One-Sample Design ($\alpha = .05$) Given Cohen's d and Sample Size (n)

n	Cohen's d Effect Size															
	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60
3	.032	.041	.052	.065	.079	.095	.113	.133	.155	.179	.204	.230	.258	.287	.316	.347
4	.035	.048	.064	.084	.108	.136	.169	.205	.245	.289	.335	.383	.433	.483	.533	.582
5	.037	.054	.076	.104	.138	.180	.227	.281	.339	.401	.466	.530	.594	.654	.711	.762
6	.039	.060	.088	.124	.169	.224	.286	.356	.430	.507	.583	.655	.722	.781	.833	.875
7	.041	.066	.099	.144	.200	.268	.345	.428	.515	.600	.681	.754	.816	.867	.908	.938
8	.043	.071	.111	.164	.231	.311	.401	.496	.591	.681	.761	.828	.882	.922	.951	.971
9	.045	.077	.122	.184	.262	.354	.455	.559	.659	.748	.823	.882	.925	.955	.975	.986
10	.047	.082	.134	.204	.293	.396	.506	.616	.717	.803	.871	.920	.954	.975	.987	.994
11	.049	.087	.145	.224	.323	.436	.554	.668	.767	.848	.907	.947	.972	.986	.994	.997
12	.050	.092	.156	.244	.353	.475	.599	.714	.810	.883	.933	.965	.983	.993	.997	.999
13	.052	.098	.168	.264	.382	.512	.640	.754	.845	.911	.953	.977	.990	.996	.999	>.999
14	.053	.103	.179	.283	.410	.547	.678	.790	.875	.932	.967	.985	.994	.998	.999	>.999
15	.055	.108	.190	.303	.438	.580	.713	.821	.899	.949	.977	.991	.997	.999	>.999	>.999
16	.057	.113	.202	.322	.465	.612	.745	.848	.919	.962	.984	.994	.998	.999	>.999	>.999
17	.058	.118	.213	.341	.491	.642	.773	.872	.936	.972	.989	.996	.999	>.999	>.999	>.999
18	.059	.123	.224	.360	.516	.670	.799	.892	.949	.979	.992	.998	.999	>.999	>.999	>.999
19	.061	.128	.235	.379	.541	.696	.823	.909	.960	.984	.995	.999	>.999	>.999	>.999	>.999
20	.062	.133	.246	.397	.564	.721	.844	.924	.968	.989	.997	.999	>.999	>.999	>.999	>.999
21	.064	.139	.258	.415	.587	.744	.862	.936	.975	.992	.998	.999	>.999	>.999	>.999	>.999
22	.065	.144	.269	.433	.609	.765	.879	.947	.980	.994	.998	>.999	>.999	>.999	>.999	>.999
23	.067	.149	.280	.450	.630	.785	.894	.956	.985	.996	.999	>.999	>.999	>.999	>.999	>.999
24	.068	.154	.291	.467	.650	.804	.907	.963	.988	.997	.999	>.999	>.999	>.999	>.999	>.999
25	.069	.159	.302	.484	.670	.821	.919	.970	.991	.998	>.999	>.999	>.999	>.999	>.999	>.999
26	.071	.164	.312	.500	.688	.836	.929	.975	.993	.998	>.999	>.999	>.999	>.999	>.999	>.999
27	.072	.169	.323	.517	.706	.851	.938	.979	.994	.999	>.999	>.999	>.999	>.999	>.999	>.999
28	.074	.174	.334	.532	.723	.864	.946	.983	.996	.999	>.999	>.999	>.999	>.999	>.999	>.999
29	.075	.179	.345	.548	.739	.877	.953	.986	.997	.999	>.999	>.999	>.999	>.999	>.999	>.999
30	.076	.184	.355	.563	.754	.888	.959	.988	.997	>.999	>.999	>.999	>.999	>.999	>.999	>.999
35	.083	.209	.407	.633	.820	.932	.980	.996	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
40	.090	.234	.456	.694	.869	.959	.991	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
45	.096	.259	.503	.747	.907	.976	.996	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
50	.103	.283	.548	.792	.934	.986	.998	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
55	.109	.307	.589	.830	.954	.992	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
60	.115	.331	.628	.862	.968	.995	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
70	.128	.378	.697	.910	.985	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
80	.141	.424	.755	.942	.993	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
90	.154	.467	.804	.964	.997	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
100	.166	.508	.844	.977	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
120	.191	.584	.903	.991	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
240	.338	.870	.996	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
360	.473	.966	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999

Two-Tailed Probabilities (p) for a One-Sample Design ($\alpha = .01$) Given Cohen's d and Sample Size (n)

	Cohen's d Effect Size															
n	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60
3	.007	.008	.011	.013	.016	.020	.024	.028	.033	.039	.045	.052	.059	.066	.074	.083
4	.007	.010	.014	.018	.024	.031	.040	.050	.062	.076	.091	.108	.128	.149	.172	.196
5	.008	.012	.017	.024	.034	.046	.061	.080	.102	.128	.158	.192	.229	.269	.313	.358
6	.008	.013	.021	.031	.045	.064	.088	.117	.153	.194	.242	.294	.350	.410	.471	.532
7	.009	.015	.024	.038	.058	.084	.118	.160	.211	.269	.334	.403	.476	.548	.619	.685
8	.009	.017	.028	.046	.072	.106	.151	.207	.273	.348	.428	.511	.593	.671	.741	.802
9	.010	.018	.033	.055	.087	.131	.188	.258	.339	.427	.519	.610	.694	.769	.832	.883
10	.010	.020	.037	.064	.103	.157	.226	.310	.404	.504	.603	.696	.777	.844	.896	.934
11	.011	.022	.042	.073	.120	.184	.266	.362	.468	.576	.678	.768	.841	.897	.937	.964
12	.011	.024	.046	.083	.137	.212	.306	.415	.530	.642	.743	.826	.890	.934	.964	.981
13	.012	.026	.051	.093	.156	.241	.347	.466	.587	.701	.797	.872	.925	.959	.979	.990
14	.012	.028	.056	.104	.175	.271	.388	.515	.641	.752	.842	.907	.950	.975	.989	.995
15	.013	.030	.061	.115	.194	.301	.428	.562	.689	.797	.878	.933	.967	.985	.994	.998
16	.013	.031	.066	.126	.214	.331	.467	.606	.733	.835	.907	.953	.978	.991	.997	.999
17	.014	.033	.072	.137	.235	.361	.505	.648	.772	.866	.930	.967	.986	.995	.998	.999
18	.014	.035	.077	.149	.255	.391	.542	.686	.806	.893	.947	.977	.991	.997	.999	>.999
19	.015	.037	.083	.161	.276	.421	.577	.721	.836	.915	.961	.984	.994	.998	>.999	>.999
20	.015	.040	.089	.174	.297	.450	.611	.754	.862	.932	.971	.989	.997	.999	>.999	>.999
21	.016	.042	.095	.186	.318	.479	.642	.783	.885	.947	.979	.993	.998	.999	>.999	>.999
22	.016	.044	.101	.199	.340	.507	.672	.809	.904	.958	.985	.995	.999	>.999	>.999	>.999
23	.017	.046	.107	.212	.361	.534	.701	.833	.920	.968	.989	.997	.999	>.999	>.999	>.999
24	.017	.048	.113	.225	.381	.560	.727	.855	.934	.975	.992	.998	>.999	>.999	>.999	>.999
25	.017	.050	.120	.238	.402	.586	.752	.873	.946	.981	.994	.999	>.999	>.999	>.999	>.999
26	.018	.052	.126	.252	.423	.610	.775	.890	.956	.985	.996	.999	>.999	>.999	>.999	>.999
27	.018	.055	.133	.265	.443	.634	.796	.905	.964	.989	.997	.999	>.999	>.999	>.999	>.999
28	.019	.057	.139	.278	.463	.657	.815	.918	.970	.991	.998	>.999	>.999	>.999	>.999	>.999
29	.019	.059	.146	.292	.483	.678	.833	.929	.976	.993	.999	>.999	>.999	>.999	>.999	>.999
30	.020	.062	.153	.305	.503	.699	.850	.939	.980	.995	.999	>.999	>.999	>.999	>.999	>.999
35	.022	.074	.188	.373	.594	.788	.913	.973	.993	.999	>.999	>.999	>.999	>.999	>.999	>.999
40	.024	.086	.224	.439	.674	.854	.952	.988	.998	>.999	>.999	>.999	>.999	>.999	>.999	>.999
45	.027	.100	.262	.503	.743	.902	.974	.995	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
50	.029	.113	.299	.562	.799	.936	.986	.998	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
55	.032	.128	.338	.618	.846	.959	.993	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
60	.034	.142	.376	.668	.882	.974	.996	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
70	.039	.173	.450	.755	.934	.990	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
80	.045	.205	.520	.823	.964	.996	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
90	.050	.238	.586	.874	.981	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
100	.056	.271	.646	.913	.990	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
120	.067	.339	.747	.959	.998	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
240	.150	.692	.979	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
360	.246	.885	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999

Two-Tailed Probabilities (p) for Dependent-Samples Design ($\alpha = .05$) Given Cohen's d and Sample Size (n)

n	Cohen's d Effect Size															
	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60
3	.034	.046	.061	.079	.100	.126	.155	.188	.226	.267	.311	.357	.406	.455	.506	.555
4	.037	.053	.074	.100	.133	.173	.219	.271	.329	.391	.456	.521	.586	.648	.707	.760
5	.039	.059	.086	.121	.166	.219	.281	.351	.425	.502	.579	.653	.722	.783	.835	.878
6	.041	.065	.098	.142	.198	.265	.341	.425	.513	.599	.681	.755	.818	.870	.911	.941
7	.043	.071	.110	.162	.229	.309	.399	.495	.590	.681	.762	.830	.884	.924	.953	.972
8	.045	.076	.121	.183	.261	.352	.454	.558	.659	.749	.824	.884	.927	.957	.976	.987
9	.047	.081	.133	.203	.291	.394	.505	.616	.717	.804	.872	.922	.955	.976	.988	.994
10	.048	.087	.144	.223	.322	.435	.554	.668	.768	.848	.908	.948	.973	.987	.994	.998
11	.050	.092	.156	.243	.352	.474	.598	.714	.810	.884	.934	.966	.984	.993	.997	.999
12	.052	.097	.167	.263	.381	.511	.640	.754	.846	.911	.953	.978	.990	.996	.999	>.999
13	.053	.103	.178	.283	.409	.546	.678	.790	.875	.933	.967	.986	.994	.998	.999	>.999
14	.055	.108	.190	.302	.437	.580	.713	.822	.900	.950	.977	.991	.997	.999	>.999	>.999
15	.056	.113	.201	.321	.464	.612	.744	.849	.920	.962	.984	.994	.998	.999	>.999	>.999
16	.058	.118	.212	.341	.490	.642	.773	.872	.936	.972	.989	.996	.999	>.999	>.999	>.999
17	.059	.123	.224	.359	.516	.670	.799	.892	.949	.979	.993	.998	.999	>.999	>.999	>.999
18	.061	.128	.235	.378	.540	.696	.823	.909	.960	.985	.995	.999	>.999	>.999	>.999	>.999
19	.062	.133	.246	.396	.564	.721	.843	.924	.968	.989	.997	.999	>.999	>.999	>.999	>.999
20	.064	.138	.257	.414	.587	.744	.862	.936	.975	.992	.998	.999	>.999	>.999	>.999	>.999
21	.065	.143	.268	.432	.609	.765	.879	.947	.980	.994	.998	>.999	>.999	>.999	>.999	>.999
22	.067	.148	.279	.450	.630	.785	.894	.956	.985	.996	.999	>.999	>.999	>.999	>.999	>.999
23	.068	.153	.290	.467	.650	.804	.907	.963	.988	.997	.999	>.999	>.999	>.999	>.999	>.999
24	.069	.159	.301	.484	.669	.821	.919	.970	.991	.998	>.999	>.999	>.999	>.999	>.999	>.999
25	.071	.164	.312	.500	.688	.836	.929	.975	.993	.998	>.999	>.999	>.999	>.999	>.999	>.999
26	.072	.169	.323	.516	.706	.851	.938	.979	.994	.999	>.999	>.999	>.999	>.999	>.999	>.999
27	.074	.174	.334	.532	.722	.864	.946	.983	.996	.999	>.999	>.999	>.999	>.999	>.999	>.999
28	.075	.179	.344	.547	.738	.877	.953	.986	.997	.999	>.999	>.999	>.999	>.999	>.999	>.999
29	.076	.184	.355	.562	.754	.888	.959	.988	.997	>.999	>.999	>.999	>.999	>.999	>.999	>.999
30	.078	.189	.365	.577	.768	.898	.965	.991	.998	>.999	>.999	>.999	>.999	>.999	>.999	>.999
35	.084	.214	.417	.645	.830	.938	.983	.997	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
40	.091	.239	.466	.705	.878	.963	.992	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
45	.097	.263	.512	.756	.913	.978	.996	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
50	.104	.288	.556	.800	.938	.987	.998	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
55	.110	.312	.597	.836	.957	.993	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
60	.117	.336	.635	.867	.970	.996	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
70	.129	.383	.703	.914	.986	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
80	.142	.428	.760	.945	.994	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
90	.155	.471	.808	.965	.997	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
100	.167	.512	.847	.978	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
120	.192	.588	.905	.992	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
240	.339	.871	.996	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
360	.474	.966	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999

Two-Tailed Probabilities (p) for Dependent-Samples Design ($\alpha = .01$) Given Cohen's d and Sample Size (n)

n	Cohen's d Effect Size															
	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60
3	.007	.010	.013	.018	.023	.030	.039	.049	.061	.075	.091	.110	.130	.153	.179	.206
4	.008	.012	.017	.025	.035	.048	.065	.085	.110	.140	.175	.214	.258	.306	.357	.410
5	.008	.014	.021	.032	.048	.068	.095	.129	.170	.218	.273	.334	.399	.467	.536	.603
6	.009	.015	.025	.040	.062	.091	.129	.177	.235	.301	.375	.453	.533	.612	.686	.753
7	.010	.017	.030	.049	.077	.116	.166	.229	.303	.386	.474	.564	.650	.729	.798	.855
8	.010	.019	.034	.058	.093	.142	.205	.283	.372	.468	.566	.660	.745	.817	.875	.919
9	.011	.021	.039	.067	.110	.169	.245	.337	.439	.545	.648	.741	.819	.881	.925	.956
10	.011	.023	.044	.077	.128	.198	.287	.391	.504	.616	.719	.806	.874	.924	.957	.977
11	.012	.025	.048	.088	.146	.227	.328	.444	.564	.679	.778	.857	.915	.953	.976	.988
12	.012	.027	.053	.098	.166	.257	.370	.495	.620	.734	.827	.896	.943	.971	.987	.994
13	.013	.029	.059	.109	.185	.288	.411	.544	.671	.782	.867	.926	.962	.983	.993	.997
14	.013	.030	.064	.120	.205	.318	.451	.589	.717	.822	.898	.947	.976	.990	.996	.999
15	.014	.032	.069	.132	.226	.349	.490	.632	.759	.856	.923	.963	.984	.994	.998	.999
16	.014	.034	.075	.144	.247	.379	.528	.672	.795	.885	.942	.975	.990	.997	.999	>.999
17	.014	.036	.080	.156	.268	.409	.564	.709	.827	.908	.957	.983	.994	.998	.999	>.999
18	.015	.039	.086	.168	.289	.439	.598	.743	.854	.927	.968	.988	.996	.999	>.999	>.999
19	.015	.041	.092	.181	.310	.468	.631	.773	.878	.943	.977	.992	.998	.999	>.999	>.999
20	.016	.043	.098	.194	.331	.496	.662	.801	.898	.955	.983	.995	.999	>.999	>.999	>.999
21	.016	.045	.104	.207	.352	.524	.691	.826	.915	.965	.988	.996	.999	>.999	>.999	>.999
22	.017	.047	.111	.220	.373	.551	.718	.848	.930	.973	.991	.998	.999	>.999	>.999	>.999
23	.017	.049	.117	.233	.394	.577	.743	.868	.942	.979	.994	.998	>.999	>.999	>.999	>.999
24	.018	.051	.123	.246	.415	.602	.767	.885	.953	.984	.996	.999	>.999	>.999	>.999	>.999
25	.018	.054	.130	.260	.436	.626	.789	.901	.961	.988	.997	.999	>.999	>.999	>.999	>.999
26	.019	.056	.136	.273	.456	.649	.809	.914	.968	.991	.998	>.999	>.999	>.999	>.999	>.999
27	.019	.058	.143	.287	.476	.671	.828	.926	.974	.993	.998	>.999	>.999	>.999	>.999	>.999
28	.020	.061	.150	.300	.495	.692	.845	.936	.979	.995	.999	>.999	>.999	>.999	>.999	>.999
29	.020	.063	.157	.314	.515	.712	.860	.946	.983	.996	.999	>.999	>.999	>.999	>.999	>.999
30	.021	.065	.164	.327	.534	.731	.874	.953	.986	.997	.999	>.999	>.999	>.999	>.999	>.999
35	.023	.078	.199	.395	.622	.812	.928	.979	.996	.999	>.999	>.999	>.999	>.999	>.999	>.999
40	.025	.091	.236	.460	.698	.872	.960	.991	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
45	.028	.104	.274	.523	.763	.915	.979	.996	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
50	.030	.118	.312	.581	.816	.945	.989	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
55	.032	.132	.350	.635	.859	.964	.994	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
60	.035	.147	.388	.684	.893	.978	.997	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
70	.040	.178	.462	.767	.940	.991	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
80	.045	.210	.532	.833	.968	.997	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
90	.051	.243	.596	.882	.983	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
100	.057	.277	.655	.918	.991	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
120	.068	.345	.754	.962	.998	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
240	.151	.696	.980	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
360	.247	.887	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999

Two-Tailed Probabilities (*p*) for a Two-Sample Design ($\alpha = .05$) Given Cohen's *d* and Sample Size (*n*)

	Cohen's <i>d</i> Effect Size															
<i>n</i>	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60
3	.031	.039	.048	.058	.070	.083	.099	.116	.136	.157	.181	.206	.233	.262	.293	.325
4	.033	.043	.055	.070	.087	.108	.131	.158	.189	.222	.259	.299	.341	.385	.430	.476
5	.034	.047	.062	.081	.104	.131	.163	.200	.241	.286	.335	.386	.440	.495	.549	.603
6	.036	.050	.068	.092	.120	.154	.195	.240	.292	.347	.406	.467	.529	.591	.650	.705
7	.037	.053	.075	.102	.136	.177	.226	.280	.341	.406	.473	.541	.608	.672	.731	.785
8	.038	.056	.081	.112	.152	.200	.256	.320	.389	.461	.535	.608	.677	.740	.797	.845
9	.039	.059	.087	.123	.168	.223	.287	.358	.434	.513	.592	.667	.735	.796	.848	.890
10	.040	.062	.093	.133	.184	.245	.316	.395	.478	.562	.643	.718	.785	.841	.887	.922
11	.041	.065	.099	.143	.200	.268	.346	.431	.520	.607	.690	.763	.826	.877	.917	.946
12	.042	.068	.104	.153	.215	.290	.374	.466	.559	.649	.731	.802	.861	.906	.939	.963
13	.043	.071	.110	.163	.231	.312	.403	.499	.596	.687	.768	.835	.889	.928	.956	.974
14	.044	.074	.116	.174	.246	.333	.430	.531	.630	.721	.800	.863	.911	.946	.968	.983
15	.045	.076	.122	.184	.262	.355	.457	.562	.663	.753	.828	.887	.930	.959	.977	.988
16	.046	.079	.127	.194	.277	.376	.483	.591	.693	.781	.853	.907	.945	.969	.984	.992
17	.047	.082	.133	.204	.293	.396	.508	.619	.721	.807	.875	.924	.957	.977	.989	.995
18	.048	.084	.139	.214	.308	.417	.532	.645	.746	.830	.894	.938	.966	.983	.992	.997
19	.048	.087	.145	.224	.323	.436	.556	.670	.770	.851	.910	.949	.974	.987	.994	.998
20	.049	.090	.150	.234	.338	.456	.578	.693	.792	.869	.924	.959	.980	.991	.996	.999
21	.050	.092	.156	.244	.352	.475	.600	.716	.812	.885	.935	.967	.984	.993	.997	.999
22	.051	.095	.162	.253	.367	.494	.621	.736	.830	.900	.946	.973	.988	.995	.998	.999
23	.052	.097	.167	.263	.382	.512	.641	.756	.847	.912	.954	.978	.991	.996	.999	>.999
24	.053	.100	.173	.273	.396	.530	.661	.774	.863	.924	.962	.983	.993	.997	.999	>.999
25	.053	.103	.179	.283	.410	.547	.679	.791	.877	.934	.968	.986	.994	.998	.999	>.999
26	.054	.105	.184	.293	.424	.564	.697	.807	.889	.942	.973	.989	.996	.999	>.999	>.999
27	.055	.108	.190	.302	.438	.581	.714	.822	.901	.950	.978	.991	.997	.999	>.999	>.999
28	.056	.110	.196	.312	.451	.597	.730	.836	.911	.957	.981	.993	.998	.999	>.999	>.999
29	.056	.113	.201	.322	.465	.612	.745	.849	.920	.963	.984	.994	.998	.999	>.999	>.999
30	.057	.115	.207	.331	.478	.627	.760	.861	.929	.968	.987	.995	.999	>.999	>.999	>.999
35	.061	.128	.235	.378	.541	.697	.823	.910	.960	.985	.995	.999	>.999	>.999	>.999	>.999
40	.064	.141	.263	.423	.598	.755	.871	.942	.978	.993	.998	>.999	>.999	>.999	>.999	>.999
45	.068	.153	.290	.467	.650	.804	.907	.964	.988	.997	.999	>.999	>.999	>.999	>.999	>.999
50	.071	.166	.318	.508	.697	.844	.934	.977	.994	.999	>.999	>.999	>.999	>.999	>.999	>.999
55	.075	.179	.344	.547	.738	.877	.953	.986	.997	.999	>.999	>.999	>.999	>.999	>.999	>.999
60	.078	.191	.371	.584	.775	.903	.967	.991	.998	>.999	>.999	>.999	>.999	>.999	>.999	>.999
70	.085	.216	.422	.652	.836	.941	.984	.997	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
80	.092	.241	.470	.710	.882	.965	.993	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
90	.098	.266	.517	.761	.916	.979	.997	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
100	.105	.290	.560	.804	.940	.988	.998	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
120	.117	.338	.638	.870	.971	.996	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
240	.193	.590	.907	.992	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
360	.268	.764	.980	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999

Two-Tailed Probabilities (*p*) for a Two-Sample Design ($\alpha = .01$) Given Cohen's *d* and Sample Size (*n*)

	Cohen's <i>d</i> Effect Size															
<i>n</i>	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60
3	.006	.008	.010	.013	.015	.019	.023	.028	.033	.039	.046	.054	.063	.073	.084	.097
4	.007	.009	.012	.016	.021	.027	.034	.043	.054	.066	.080	.097	.116	.137	.161	.187
5	.007	.010	.014	.020	.027	.036	.047	.061	.077	.097	.121	.148	.178	.213	.251	.291
6	.008	.011	.016	.023	.033	.045	.061	.080	.104	.132	.166	.204	.247	.294	.345	.399
7	.008	.012	.018	.027	.039	.055	.075	.101	.133	.170	.214	.264	.318	.377	.439	.503
8	.008	.013	.021	.031	.046	.065	.091	.123	.163	.210	.264	.325	.390	.458	.528	.597
9	.009	.014	.023	.035	.053	.076	.108	.147	.195	.252	.316	.386	.459	.535	.609	.679
10	.009	.015	.025	.039	.060	.088	.125	.172	.228	.294	.367	.445	.525	.605	.680	.748
11	.009	.016	.027	.043	.067	.100	.143	.197	.262	.336	.417	.502	.587	.668	.741	.805
12	.009	.017	.029	.048	.075	.112	.162	.223	.296	.378	.467	.556	.643	.723	.793	.851
13	.010	.018	.031	.052	.083	.125	.181	.250	.331	.420	.514	.607	.694	.772	.837	.888
14	.010	.019	.034	.057	.091	.138	.200	.277	.365	.461	.559	.654	.740	.813	.872	.916
15	.010	.020	.036	.061	.099	.152	.220	.304	.399	.500	.602	.697	.780	.848	.901	.938
16	.010	.021	.038	.066	.108	.166	.241	.331	.432	.538	.642	.735	.815	.877	.923	.955
17	.011	.022	.040	.071	.117	.180	.261	.358	.465	.575	.679	.770	.845	.902	.941	.967
18	.011	.023	.043	.076	.126	.194	.282	.385	.497	.609	.713	.801	.871	.922	.955	.976
19	.011	.023	.045	.081	.135	.209	.303	.412	.528	.642	.745	.829	.893	.938	.966	.983
20	.012	.024	.048	.086	.144	.223	.323	.438	.558	.673	.773	.853	.912	.951	.975	.988
21	.012	.025	.050	.091	.153	.238	.344	.464	.587	.702	.799	.875	.928	.962	.981	.992
22	.012	.026	.053	.097	.163	.253	.365	.489	.614	.729	.823	.893	.941	.970	.986	.994
23	.012	.027	.055	.102	.173	.269	.385	.514	.641	.754	.844	.910	.952	.977	.990	.996
24	.012	.028	.058	.108	.183	.284	.406	.538	.666	.777	.863	.924	.961	.982	.992	.997
25	.013	.029	.060	.113	.193	.299	.426	.562	.690	.799	.881	.936	.968	.986	.994	.998
26	.013	.030	.063	.119	.203	.314	.446	.584	.713	.818	.896	.946	.975	.989	.996	.999
27	.013	.031	.066	.125	.213	.329	.466	.606	.734	.837	.909	.955	.980	.992	.997	.999
28	.013	.032	.068	.130	.223	.345	.485	.628	.754	.853	.921	.962	.984	.994	.998	.999
29	.014	.033	.071	.136	.233	.360	.504	.648	.773	.868	.932	.968	.987	.995	.998	>.999
30	.014	.034	.074	.142	.244	.375	.523	.668	.791	.882	.941	.974	.990	.996	.999	>.999
35	.015	.039	.088	.173	.296	.449	.611	.755	.864	.934	.972	.990	.997	.999	>.999	>.999
40	.016	.045	.103	.205	.349	.520	.687	.823	.914	.964	.987	.996	.999	>.999	>.999	>.999
45	.017	.050	.119	.238	.402	.586	.752	.874	.947	.981	.994	.999	>.999	>.999	>.999	>.999
50	.019	.056	.135	.271	.453	.646	.806	.912	.968	.990	.998	>.999	>.999	>.999	>.999	>.999
55	.020	.061	.152	.305	.502	.699	.850	.940	.981	.995	.999	>.999	>.999	>.999	>.999	>.999
60	.021	.067	.170	.339	.549	.747	.886	.959	.989	.998	>.999	>.999	>.999	>.999	>.999	>.999
70	.023	.080	.205	.406	.636	.824	.935	.982	.996	.999	>.999	>.999	>.999	>.999	>.999	>.999
80	.026	.093	.242	.471	.710	.881	.964	.992	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
90	.028	.106	.280	.533	.772	.921	.981	.997	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
100	.030	.120	.318	.591	.824	.949	.990	.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
120	.035	.150	.394	.692	.898	.979	.998	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
240	.069	.347	.758	.963	.998	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999
360	.108	.540	.925	.997	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999	>.999