Tabled values are $t_{\alpha,d}$ where $P(t < t_{\alpha,d}) = \alpha$ where t has a t distribution with d degrees of freedom. If $d > 29$ use the $N(0,1)$ cutoffs $d = Z = \infty$.

				alpha					pvalue
d	0.005	0.01	0.025	0.05	0.5	0.95	0.975	0.99	0.995	left tail
1	-63.66	-31.82	-12.71	-6.314	0	6.314	12.71	31.82	63.66	
2	-9.925	-6.965	-4.303	-2.920	0	2.920	4.303	6.965	9.925	
3	-5.841	-4.541	-3.182	-2.353	0	2.353	3.182	4.541	5.841	
4	-4.604	-3.747	-2.776	-2.132	0	2.132	2.776	3.747	4.604	
5	-4.032	-3.365	-2.571	-2.015	0	2.015	2.571	3.365	4.032	
6	-3.707	-3.143	-2.447	-1.943	0	1.943	2.447	3.143	3.707	
7	-3.499	-2.998	-2.365	-1.895	0	1.895	2.365	2.998	3.499	
8	-3.355	-2.896	-2.306	-1.860	0	1.860	2.306	2.896	3.355	
9	-3.250	-2.821	-2.262	-1.833	0	1.833	2.262	2.821	3.250	
10	-3.169	-2.764	-2.228	-1.812	0	1.812	2.228	2.764	3.169	
11	-3.106	-2.718	-2.201	-1.796	0	1.796	2.201	2.718	3.106	
12	-3.055	-2.681	-2.179	-1.782	0	1.782	2.179	2.681	3.055	
13	-3.012	-2.650	-2.160	-1.771	0	1.771	2.160	2.650	3.012	
14	-2.977	-2.624	-2.145	-1.761	0	1.761	2.145	2.624	2.977	
15	-2.947	-2.602	-2.131	-1.753	0	1.753	2.131	2.602	2.947	
16	-2.921	-2.583	-2.120	-1.746	0	1.746	2.120	2.583	2.921	
17	-2.898	-2.567	-2.110	-1.740	0	1.740	2.110	2.567	2.898	
18	-2.878	-2.552	-2.101	-1.734	0	1.734	2.101	2.552	2.878	
19	-2.861	-2.539	-2.093	-1.729	0	1.729	2.093	2.539	2.861	
20	-2.845	-2.528	-2.086	-1.725	0	1.725	2.086	2.528	2.845	
21	-2.831	-2.518	-2.080	-1.721	0	1.721	2.080	2.518	2.831	
22	-2.819	-2.508	-2.074	-1.717	0	1.717	2.074	2.508	2.819	
23	-2.807	-2.500	-2.069	-1.714	0	1.714	2.069	2.500	2.807	
24	-2.797	-2.492	-2.064	-1.711	0	1.711	2.064	2.492	2.797	
25	-2.787	-2.485	-2.060	-1.708	0	1.708	2.060	2.485	2.787	
26	-2.779	-2.479	-2.056	-1.706	0	1.706	2.056	2.479	2.779	
27	-2.771	-2.473	-2.052	-1.703	0	1.703	2.052	2.473	2.771	
28	-2.763	-2.467	-2.048	-1.701	0	1.701	2.048	2.467	2.763	
29	-2.756	-2.462	-2.045	-1.699	0	1.699	2.045	2.462	2.756	
Z	-2.576	-2.326	-1.960	-1.645	0	1.645	1.960	2.326	2.576	
CI						90%	95%		99%	
	0.995	0.99	0.975	0.95	0.5	0.05	0.025	0.01	0.005	right tail
	0.01	0.02	0.05	0.10	1	0.10	0.05	0.02	0.01	two tail