



Critical values of $t^{\alpha, p}$

v	$\alpha_1 = .10$			$\alpha_1 = .05$		$\alpha_1 = .025$		$\alpha_1 = .01$		$\alpha_1 = .005$		$\alpha_1 = .001$		$\alpha_1 = .0005$		v	Kurtosis γ_2
	.75t	.80t	.90t	$\alpha_2 = .10$.95t	$\alpha_2 = .05$.975t	$\alpha_2 = .02$.99t	$\alpha_2 = .01$.995t	$\alpha_2 = .002$.999t	$\alpha_2 = .001$.9995t								
1	1.000	1.376	3.078	6.314	12.706	31.821	63.657	318.309	636.619	1							
2	.816	1.061	1.886	2.920	4.303	6.965	9.925	22.327	31.598	2							
3	.765	.978	1.638	2.353	3.182	4.541	5.841	10.214	12.924	3							
4	.741	.941	1.532	2.132	2.776	3.747	4.604	7.173	8.610	4							
5	.727	.920	1.476	2.015	2.571	3.365	4.032	5.893	6.869	5	6						
6	.718	.906	1.440	1.943	2.447	3.143	3.707	5.208	5.959	6	3						
7	.711	.896	1.415	1.895	2.365	2.998	3.499	4.785	5.408	7	2						
8	.706	.889	1.397	1.860	2.306	2.896	3.555	4.501	5.041	8	1.5						
9	.703	.883	1.383	1.833	2.262	2.821	3.250	4.297	4.781	9	1.2						
10	.700	.879	1.372	1.812	2.228	2.764	3.169	4.144	4.587	10	1.0						
11	.697	.876	1.363	1.796	2.201	2.718	3.106	4.025	4.437	11	.86						
12	.695	.873	1.356	1.782	2.179	2.681	3.055	3.930	4.318	12	.75						
13	.694	.870	1.350	1.771	2.160	2.650	3.012	3.852	4.221	13	.67						
14	.692	.868	1.345	1.761	2.145	2.624	2.977	3.787	4.140	14	.60						
15	.691	.866	1.341	1.753	2.131	2.602	2.947	3.733	4.073	15	.55						
16	.690	.865	1.337	1.746	2.120	2.583	2.921	3.686	4.015	16	.50						
17	.689	.863	1.333	1.740	2.110	2.567	2.898	3.646	3.965	17	.46						
18	.688	.862	1.330	1.734	2.101	2.552	2.878	3.610	3.922	18	.42						
19	.688	.861	1.328	1.729	2.093	2.539	2.861	3.579	3.883	19	.40						
20	.687	.860	1.325	1.725	2.086	2.528	2.845	3.552	3.850	20	.38						
21	.686	.859	1.323	1.721	2.080	2.518	2.831	3.527	3.819	21	.35						
22	.686	.858	1.321	1.717	2.074	2.508	2.819	3.505	3.792	22	.33						
23	.685	.858	1.319	1.714	2.069	2.500	2.807	3.485	3.767	23	.32						
24	.685	.857	1.318	1.711	2.064	2.492	2.797	3.467	3.745	24	.30						
25	.684	.856	1.316	1.708	2.060	2.485	2.787	3.450	3.725	25	.29						
26	.684	.856	1.315	1.706	2.056	2.479	2.779	3.435	3.707	26	.27						
27	.684	.855	1.314	1.703	2.052	2.473	2.771	3.421	3.690	27	.26						
28	.683	.855	1.313	1.701	2.048	2.467	2.763	3.408	3.674	28	.25						
29	.683	.854	1.311	1.699	2.045	2.462	2.756	3.396	3.659	29	.24						
30	.683	.854	1.310	1.697	2.042	2.457	2.750	3.385	3.646	30	.23						
35	.682	.852	1.306	1.690	2.030	2.438	2.724	3.340	3.591	35	.19						
40	.681	.851	1.303	1.684	2.021	2.423	2.704	3.307	3.551	40	.17						
50	.680	.849	1.299	1.676	2.008	2.403	2.678	3.261	3.496	50	.13						
60	.679	.848	1.296	1.671	2.000	2.390	2.660	3.232	3.460	60	.11						
70	.678	.847	1.294	1.667	1.994	2.381	2.648	3.211	3.435	70	.09						
80	.678	.847	1.293	1.665	1.990	2.374	2.638	3.195	3.416	80	.08						
90	.678	.846	1.291	1.662	1.987	2.368	2.632	3.183	3.402	90	.07						
100	.677	.846	1.290	1.661	1.984	2.364	2.626	3.174	3.380	100	.06						
120	.677	.845	1.289	1.658	1.980	2.358	2.617	3.160	3.373	120	.05						
200	.676	.844	1.286	1.653	1.972	2.345	2.601	3.131	3.340	200	.03						
300	.676	.843	1.285	1.650	1.968	2.339	2.592	3.118	3.323	300	.02						
400	.676	.843	1.284	1.649	1.966	2.336	2.588	3.111	3.315	400	.015						
500	.676	.843	1.284	1.648	1.965	2.334	2.586	3.107	3.310	500	.012						
1000	.675	.842	1.283	1.647	1.962	2.330	2.581	3.098	3.301	1000	.006						
∞	.674	.842	1.282	1.645	1.960	2.326	2.576	3.090	3.291	∞	0						