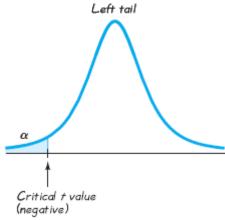
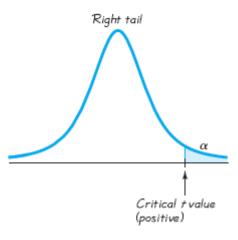
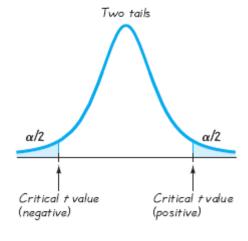
7/23/2017 Critical t values









t Distribution: Critical t Values									
			Area In One Tall						
	0.005	0.01	0.025	0.05	0.10				
Degrees of Freedom	0.01	0.02	Area in Two Talls 0.05	0.10	0.20	Degrees of Freedom			
1	63.657	31.821	12.706	6.314	3.078	1			
2	9.925	6.965	4.303	2.920	1.886	2			
3	5.841	4.541	3.182	2.353	1.638	3			
4	4.604	3.747	2.776	2.132	1.533	4			
5	4.032	3.365	2.571	2.015	1.476	5			
6	3.707	3.143	2.447	1.943	1.440	6			
7	3.499	2.998	2.365	1.895	1.415	7			
8	3.355	2.896	2.306	1.860	1.397	8			
9	3.250	2.821	2.262	1.833	1.383	9			
10	3.169	2.764	2.228	1.812	1.372	10			
11	3.106	2.718	2.201	1.796	1.363	11			
12	3.055	2.681	2.179	1.782	1.356	12			
13	3.012	2.650	2.160	1.771	1.350	13			
14	2.977	2.624	2.145	1.761	1.345	14			
15	2.947	2.602	2.131	1.753	1.341	15			
16	2.921	2.583	2.120	1.746	1.337	16			
17	2.898	2.567	2.110	1.740	1.333	17			
18	. 2.878	2.552	2.101	1.734	1.330	18			
19	2.861	2.539	2.093	1.729	1.328	19			
20	2.845	2.528	2.086	1.725	1.325	20			
21	2.831	2.518	2.080	1.721	1.323	21			
22	2.819	2.508	2.074	1.717	1.321	22			
23	2.807	2.500	2.069	1.714	1.319	23			
24	2.797	2.492	2.064	1.711	1.318	24			
25	2.787	2.485	2.060	1.708	1.316	25			
26	2.779	2.479	2.056	1.706	1.315	26			
27	2.771	2.473	2.052	1.703	1.314	27			
28	2.763	2.467	2.048	1.701	1.313	28			
29	2.756	2.462	2.045	1.699	1.311	29			
30	2.750	2.457	2.042	1.697	1.310	30			
31	2.744	2.453	2.040	1.696	1.309	31			
32	2.738	2.449	2.037	1.694	1.309	32			
33	2.733	2.445	2.035	1.692	1.308	33			
34	2.728	2.441	2.032	1.691	1.307	34			
35	2.724	2.438	2.030	1.690	1.306	35			
36	2.719	2.434	2.028	1.688	1.306	36			
37	2.715	2.431	2.026	1.687	1.305	37			
38	2.712	2.429	2.024	1.686	1.304	38			
39	2.708	2.426	2.023	1.685	1.304	39			
40	2.704	2.423	2.021	1.684	1.303	40			
45	2.690	2.412	2.014	1.679	1.301	45			
50	2.678	2.403	2.009	1.676	1.299	50			
60	2.660	2.390	2.000	1.671	1.296	60			
70	2.648	2.381	1.994	1.667	1.294	70			
80	2.639	2.374	1.990	1.664	1.292	80			
90	2.632	2.368	1.987	1.662	1.291	90			
100	2.626	2.364	1.984	1.660	1.290	100			
200	2.601	2.345	1.972	1.653	1.286	200			
300	2.592	2.339	1.968	1.650	1.284	300			
400	2.588	2.336	1.966	1.649	1.284	400			
500	2.586	2.334	1.965	1.648	1.283	500			

7/23/2017 Critical t values

1000	2.581	2.330	1.962	1.646	1.282	1000	
2000	2.578	2.328	1.961	1.646	1.282	2000	
Large	2.576	2.326	1.960	1.645	1.282	Large	
Degrees of	Area In One Tall						
Freedom	0.005	0.01	0.025	0.05	0.10	Freedom	