

Table A.3: The "t" distribution

Confidence Interval	99%	98%	95%	90%	80%	50%
Prob. In one tail =	0.005	0.01	0.025	0.05	0.1	0.25
Prob. In two tails =	0.01	0.02	0.05	0.1	0.2	0.5
Degrees of Freedom						
1	63.657	31.821	12.706	6.314	3.078	1.000
2	9.925	6.965	4.303	2.920	1.886	0.816
3	5.841	4.541	3.182	2.353	1.638	0.765
4	4.604	3.747	2.776	2.132	1.533	0.741
5	4.032	3.365	2.571	2.015	1.476	0.727
6	3.707	3.143	2.447	1.943	1.440	0.718
7	3.499	2.998	2.365	1.895	1.415	0.711
8	3.355	2.896	2.306	1.860	1.397	0.706
9	3.250	2.821	2.262	1.833	1.383	0.703
10	3.169	2.764	2.228	1.812	1.372	0.700
11	3.106	2.718	2.201	1.796	1.363	0.697
12	3.055	2.681	2.179	1.782	1.356	0.695
13	3.012	2.650	2.160	1.771	1.350	0.694
14	2.977	2.624	2.145	1.761	1.345	0.692
15	2.947	2.602	2.131	1.753	1.341	0.691
16	2.921	2.583	2.120	1.746	1.337	0.690
17	2.898	2.567	2.110	1.740	1.333	0.689
18	2.878	2.552	2.101	1.734	1.330	0.688
19	2.861	2.539	2.093	1.729	1.328	0.688
20	2.845	2.528	2.086	1.725	1.325	0.687
21	2.831	2.518	2.080	1.721	1.323	0.686
22	2.819	2.508	2.074	1.717	1.321	0.686
23	2.807	2.500	2.069	1.714	1.319	0.685
24	2.797	2.492	2.064	1.711	1.318	0.685
25	2.787	2.485	2.060	1.708	1.316	0.684
26	2.779	2.479	2.056	1.706	1.315	0.684
27	2.771	2.473	2.052	1.703	1.314	0.684
28	2.763	2.467	2.048	1.701	1.313	0.683
29	2.756	2.462	2.045	1.699	1.311	0.683
30	2.750	2.457	2.042	1.697	1.310	0.683
31	2.744	2.453	2.040	1.696	1.309	0.682
32	2.738	2.449	2.037	1.694	1.309	0.682
33	2.733	2.445	2.035	1.692	1.308	0.682
34	2.728	2.441	2.032	1.691	1.307	0.682
35	2.724	2.438	2.030	1.690	1.306	0.682
36	2.719	2.434	2.028	1.688	1.306	0.681
37	2.715	2.431	2.026	1.687	1.305	0.681
38	2.712	2.429	2.024	1.686	1.304	0.681
39	2.708	2.426	2.023	1.685	1.304	0.681
40	2.704	2.423	2.021	1.684	1.303	0.681
45	2.690	2.412	2.014	1.679	1.301	0.680
50	2.678	2.403	2.009	1.676	1.299	0.679
55	2.668	2.396	2.004	1.673	1.297	0.679
60	2.660	2.390	2.000	1.671	1.296	0.679
65	2.654	2.385	1.997	1.669	1.295	0.678
70	2.648	2.381	1.994	1.667	1.294	0.678
75	2.643	2.377	1.992	1.665	1.293	0.678
80	2.639	2.374	1.990	1.664	1.292	0.678

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Prob. In two tails =	0.01	0.02	0.05	0.1	0.2	0.5
Degrees of Freedom						
85	2.635	2.371	1.988	1.663	1.292	0.677
90	2.632	2.368	1.987	1.662	1.291	0.677
95	2.629	2.366	1.985	1.661	1.291	0.677
100	2.626	2.364	1.984	1.660	1.290	0.677
110	2.621	2.361	1.982	1.659	1.289	0.677
120	2.617	2.358	1.980	1.658	1.289	0.677
130	2.614	2.355	1.978	1.657	1.288	0.676
140	2.611	2.353	1.977	1.656	1.288	0.676
150	2.609	2.351	1.976	1.655	1.287	0.676
160	2.607	2.350	1.975	1.654	1.287	0.676
170	2.605	2.348	1.974	1.654	1.287	0.676
180	2.603	2.347	1.973	1.653	1.286	0.676
190	2.602	2.346	1.973	1.653	1.286	0.676
200	2.601	2.345	1.972	1.653	1.286	0.676
210	2.599	2.344	1.971	1.652	1.286	0.676
220	2.598	2.343	1.971	1.652	1.285	0.676
230	2.597	2.343	1.970	1.652	1.285	0.676
240	2.596	2.342	1.970	1.651	1.285	0.676
250	2.596	2.341	1.969	1.651	1.285	0.675
260	2.595	2.341	1.969	1.651	1.285	0.675
270	2.594	2.340	1.969	1.651	1.285	0.675
280	2.594	2.340	1.968	1.650	1.285	0.675
290	2.593	2.339	1.968	1.650	1.284	0.675
300	2.592	2.339	1.968	1.650	1.284	0.675
310	2.592	2.338	1.968	1.650	1.284	0.675
320	2.591	2.338	1.967	1.650	1.284	0.675
330	2.591	2.338	1.967	1.649	1.284	0.675
340	2.590	2.337	1.967	1.649	1.284	0.675
350	2.590	2.337	1.967	1.649	1.284	0.675
360	2.590	2.337	1.967	1.649	1.284	0.675
370	2.589	2.336	1.966	1.649	1.284	0.675
380	2.589	2.336	1.966	1.649	1.284	0.675
390	2.588	2.336	1.966	1.649	1.284	0.675
400	2.588	2.336	1.966	1.649	1.284	0.675
410	2.588	2.335	1.966	1.649	1.284	0.675
420	2.588	2.335	1.966	1.648	1.284	0.675
430	2.587	2.335	1.965	1.648	1.284	0.675
440	2.587	2.335	1.965	1.648	1.283	0.675
450	2.587	2.335	1.965	1.648	1.283	0.675
460	2.587	2.334	1.965	1.648	1.283	0.675
470	2.586	2.334	1.965	1.648	1.283	0.675
480	2.586	2.334	1.965	1.648	1.283	0.675
490	2.586	2.334	1.965	1.648	1.283	0.675
500	2.586	2.334	1.965	1.648	1.283	0.675
10000	2.576	2.327	1.960	1.645	1.282	0.675