

Table 7 t distribution — inverse cdf

df	P									
	0.600	0.750	0.800	0.900	0.950	0.975	0.990	0.995	0.9990	0.9995
1	0.325	1.000	1.376	3.078	6.314	12.71	31.82	63.66	318.3	636.6
2	0.289	0.816	1.061	1.886	2.920	4.303	6.965	9.925	22.33	31.60
3	0.277	0.765	0.978	1.638	2.353	3.182	4.541	5.841	10.21	12.92
4	0.271	0.741	0.941	1.533	2.132	2.776	3.747	4.604	7.173	8.610
5	0.267	0.727	0.920	1.476	2.015	2.571	3.365	4.032	5.894	6.869
6	0.265	0.718	0.906	1.440	1.943	2.447	3.143	3.707	5.208	5.959
7	0.263	0.711	0.896	1.415	1.895	2.365	2.998	3.499	4.785	5.408
8	0.262	0.706	0.889	1.397	1.860	2.306	2.896	3.355	4.501	5.041
9	0.261	0.703	0.883	1.383	1.833	2.262	2.821	3.250	4.297	4.781
10	0.260	0.700	0.879	1.372	1.812	2.228	2.764	3.169	4.144	4.587
11	0.260	0.697	0.876	1.363	1.796	2.201	2.718	3.106	4.025	4.437
12	0.259	0.695	0.873	1.356	1.782	2.179	2.681	3.055	3.930	4.318
13	0.259	0.694	0.870	1.350	1.771	2.160	2.650	3.012	3.852	4.221
14	0.258	0.692	0.868	1.345	1.761	2.145	2.624	2.977	3.787	4.140
15	0.258	0.691	0.866	1.341	1.753	2.131	2.602	2.947	3.733	4.073
16	0.258	0.690	0.865	1.337	1.746	2.120	2.583	2.921	3.686	4.015
17	0.257	0.689	0.863	1.333	1.740	2.110	2.567	2.898	3.646	3.965
18	0.257	0.688	0.862	1.330	1.734	2.101	2.552	2.878	3.610	3.922
19	0.257	0.688	0.861	1.328	1.729	2.093	2.539	2.861	3.579	3.883
20	0.257	0.687	0.860	1.325	1.725	2.086	2.528	2.845	3.552	3.850
21	0.257	0.686	0.859	1.323	1.721	2.080	2.518	2.831	3.527	3.819
22	0.256	0.686	0.858	1.321	1.717	2.074	2.508	2.819	3.505	3.792
23	0.256	0.685	0.858	1.319	1.714	2.069	2.500	2.807	3.485	3.768
24	0.256	0.685	0.857	1.318	1.711	2.064	2.492	2.797	3.467	3.745
25	0.256	0.684	0.856	1.316	1.708	2.060	2.485	2.787	3.450	3.725
26	0.256	0.684	0.856	1.315	1.706	2.056	2.479	2.779	3.435	3.707
27	0.256	0.684	0.855	1.314	1.703	2.052	2.473	2.771	3.421	3.689
28	0.256	0.683	0.855	1.313	1.701	2.048	2.467	2.763	3.408	3.674
29	0.256	0.683	0.854	1.311	1.699	2.045	2.462	2.756	3.396	3.660
30	0.256	0.683	0.854	1.310	1.697	2.042	2.457	2.750	3.385	3.646
31	0.256	0.682	0.853	1.309	1.696	2.040	2.453	2.744	3.375	3.633
32	0.255	0.682	0.853	1.309	1.694	2.037	2.449	2.738	3.365	3.622
33	0.255	0.682	0.853	1.308	1.692	2.035	2.445	2.733	3.356	3.611
34	0.255	0.682	0.852	1.307	1.691	2.032	2.441	2.728	3.348	3.601
35	0.255	0.682	0.852	1.306	1.690	2.030	2.438	2.724	3.340	3.591
36	0.255	0.681	0.852	1.306	1.688	2.028	2.434	2.719	3.333	3.582
37	0.255	0.681	0.851	1.305	1.687	2.026	2.431	2.715	3.326	3.574
38	0.255	0.681	0.851	1.304	1.686	2.024	2.429	2.712	3.319	3.566
39	0.255	0.681	0.851	1.304	1.685	2.023	2.426	2.708	3.313	3.558
40	0.255	0.681	0.851	1.303	1.684	2.021	2.423	2.704	3.307	3.551
50	0.255	0.679	0.849	1.299	1.676	2.009	2.403	2.678	3.261	3.496
60	0.254	0.679	0.848	1.296	1.671	2.000	2.390	2.660	3.232	3.460
70	0.254	0.678	0.847	1.294	1.667	1.994	2.381	2.648	3.211	3.435
80	0.254	0.678	0.846	1.292	1.664	1.990	2.374	2.639	3.195	3.416
90	0.254	0.677	0.846	1.291	1.662	1.987	2.368	2.632	3.183	3.402
100	0.254	0.677	0.845	1.290	1.660	1.984	2.364	2.626	3.174	3.390
120	0.254	0.677	0.845	1.289	1.658	1.980	2.358	2.617	3.160	3.373
160	0.254	0.676	0.844	1.287	1.654	1.975	2.350	2.607	3.142	3.352
200	0.254	0.676	0.843	1.286	1.653	1.972	2.345	2.601	3.131	3.340
240	0.254	0.676	0.843	1.285	1.651	1.970	2.342	2.596	3.125	3.332
300	0.254	0.675	0.843	1.284	1.650	1.968	2.339	2.592	3.118	3.323
400	0.254	0.675	0.843	1.284	1.649	1.966	2.336	2.588	3.111	3.315
∞	0.253	0.674	0.842	1.282	1.645	1.960	2.326	2.576	3.090	3.290