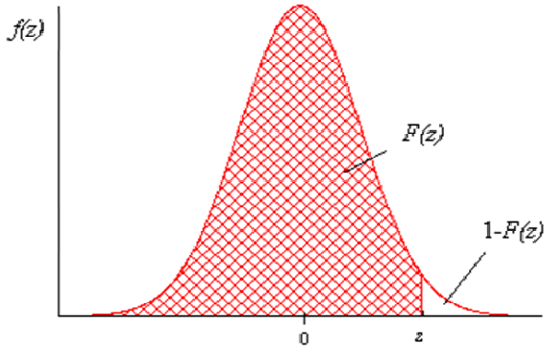
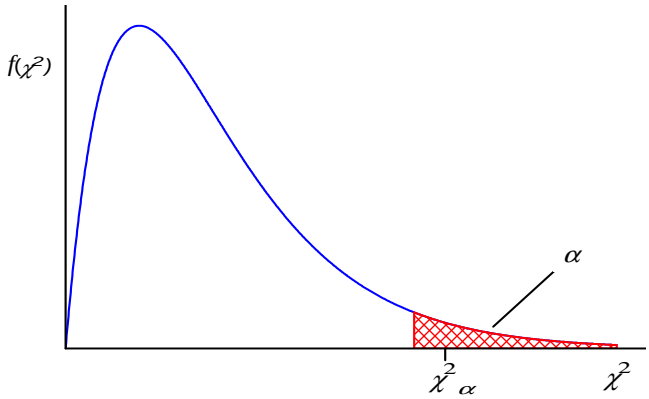
N(0,1) standardized normal distribution



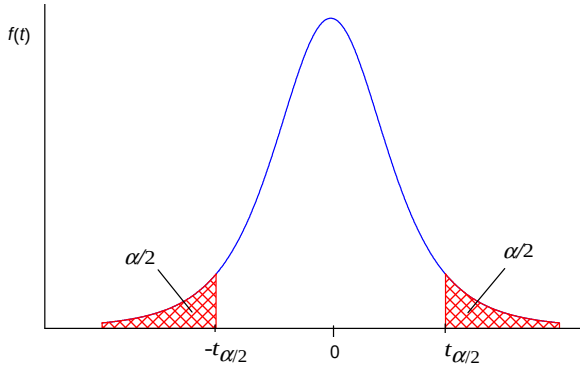
u	0	1	2	3	4	5	6	7	8	9
0.0	0.50000	0.50399	0.50798	0.51197	0.51595	0.51994	0.52392	0.52790	0.53188	0.53586
0.1	0.53983	0.54380	0.54776	0.55172	0.55567	0.55962	0.56356	0.56749	0.57142	0.57535
0.2	0.57926	0.58317	0.58706	0.59095	0.59483	0.59871	0.60257	0.60642	0.61026	0.61409
0.3	0.61791	0.62172	0.62552	0.62930	0.63307	0.63683	0.64058	0.64431	0.64803	0.65173
0.4	0.65542	0.65910	0.66276	0.66640	0.67003	0.67364	0.67724	0.68082	0.68439	0.68793
0.5	0.69146	0.69497	0.69847	0.70194	0.70540	0.70884	0.71226	0.71566	0.71904	0.72240
0.6	0.72575	0.72907	0.73237	0.73565	0.73891	0.74215	0.74537	0.74857	0.75175	0.75490
0.7	0.75804	0.76115	0.76424	0.76730	0.77035	0.77337	0.77637	0.77935	0.78230	0.78524
0.8	0.78814	0.79103	0.79389	0.79673	0.79955	0.80234	0.80511	0.80785	0.81057	0.81327
0.9	0.81594	0.81859	0.82121	0.82381	0.82639	0.82894	0.83147	0.83398	0.83646	0.83891
1.0	0.84134	0.84375	0.84614	0.84849	0.85083	0.85314	0.85543	0.85769	0.85993	0.86214
1.1	0.86433	0.86650	0.86864	0.87076	0.87286	0.87493	0.87698	0.87900	0.88100	0.88298
1.2	0.88493	0.88686	0.88877	0.89065	0.89251	0.89435	0.89617	0.89796	0.89973	0.90147
1.3	0.90320	0.90490	0.90658	0.90824	0.90988	0.91149	0.91308	0.91466	0.91621	0.91774
1.4	0.91924	0.92073	0.92220	0.92364	0.92507	0.92647	0.92785	0.92922	0.93056	0.93189
1.5	0.93319	0.93448	0.93574	0.93699	0.93822	0.93943	0.94062	0.94179	0.94295	0.94408
1.6	0.94520	0.94630	0.94738	0.94845	0.94950	0.95053	0.95154	0.95254	0.95352	0.95449
1.7	0.95543	0.95637	0.95728	0.95818	0.95907	0.95994	0.96080	0.96164	0.96246	0.96327
1.8	0.96407	0.96485	0.96562	0.96638	0.96712	0.96784	0.96856	0.96926	0.96995	0.97062
1.9	0.97128	0.97193	0.97257	0.97320	0.97381	0.97441	0.97500	0.97558	0.97615	0.97670
2.0	0.97725	0.97778	0.97831	0.97882	0.97932	0.97982	0.98030	0.98077	0.98124	0.98169
2.1	0.98214	0.98257	0.98300	0.98341	0.98382	0.98422	0.98461	0.98500	0.98537	0.98574
2.2	0.98610	0.98645	0.98679	0.98713	0.98745	0.98778	0.98809	0.98840	0.98870	0.98899
2.3	0.98928	0.98956	0.98983	0.99010	0.99036	0.99061	0.99086	0.99111	0.99134	0.99158
2.4	0.99180	0.99202	0.99224	0.99245	0.99266	0.99286	0.99305	0.99324	0.99343	0.99361
2.5	0.99379	0.99396	0.99413	0.99430	0.99446	0.99461	0.99477	0.99492	0.99506	0.99520
2.6	0.99534	0.99547	0.99560	0.99573	0.99585	0.99598	0.99609	0.99621	0.99632	0.99643
2.7	0.99653	0.99664	0.99674	0.99683	0.99693	0.99702	0.99711	0.99720	0.99728	0.99736
2.8	0.99744	0.99752	0.99760	0.99767	0.99774	0.99781	0.99788	0.99795	0.99801	0.99807
2.9	0.99813	0.99819	0.99825	0.99831	0.99836	0.99841	0.99846	0.99851	0.99856	0.99861
3.0	0.99865	0.99869	0.99874	0.99878	0.99882	0.99886	0.99889	0.99893	0.99896	0.99900

χ^2 distribution



	α									
ν	0.999	0.990	0.975	0.950	0.900	0.100	0.050	0.025	0.010	0.001
1	0.0000	0.0002	0.0010	0.0039	0.0158	2.706	3.841	5.024	6.635	10.827
2	0.0020	0.0201	0.0506	0.1026	0.2107	4.605	5.991	7.378	9.210	13.815
3	0.0243	0.1148	0.2158	0.3518	0.5844	6.251	7.815	9.348	11.345	16.266
4	0.0908	0.2971	0.4844	0.7107	1.064	7.779	9.488	11.143	13.277	18.466
5	0.2102	0.5543	0.8312	1.145	1.610	9.236	11.070	12.832	15.086	20.515
6	0.3810	0.8721	1.237	1.635	2.204	10.645	12.592	14.449	16.812	22.457
7	0.5985	1.239	1.690	2.167	2.833	12.017	14.067	16.013	18.475	24.321
8	0.8571	1.647	2.180	2.733	3.490	13.362	15.507	17.535	20.090	26.124
9	1.152	2.088	2.700	3.325	4.168	14.684	16.919	19.023	21.666	27.877
10	1.479	2.558	3.247	3.940	4.865	15.987	18.307	20.483	23.209	29.588
11	1.834	3.053	3.816	4.575	5.578	17.275	19.675	21.920	24.725	31.264
12	2.214	3.571	4.404	5.226	6.304	18.549	21.026	23.337	26.217	32.909
13	2.617	4.107	5.009	5.892	7.041	19.812	22.362	24.736	27.688	34.527
14	3.041	4.660	5.629	6.571	7.790	21.064	23.685	26.119	29.141	36.124
15	3.483	5.229	6.262	7.261	8.547	22.307	24.996	27.488	30.578	37.698
16	3.942	5.812	6.908	7.962	9.312	23.542	26.296	28.845	32.000	39.252
17	4.416	6.408	7.564	8.672	10.085	24.769	27.587	30.191	33.409	40.791
18	4.905	7.015	8.231	9.390	10.865	25.989	28.869	31.526	34.805	42.312
19	5.407	7.633	8.907	10.117	11.651	27.204	30.144	32.852	36.191	43.819
20	5.921	8.260	9.591	10.851	12.443	28.412	31.410	34.170	37.566	45.314
21	6.447	8.897	10.283	11.591	13.240	29.615	32.671	35.479	38.932	46.796
22	6.983	9.542	10.982	12.338	14.041	30.813	33.924	36.781	40.289	48.268
23	7.529	10.196	11.689	13.091	14.848	32.007	35.172	38.076	41.638	49.728
24	8.085	10.856	12.401	13.848	15.659	33.196	36.415	39.364	42.980	51.179
25	8.649	11.524	13.120	14.611	16.473	34.382	37.652	40.646	44.314	52.619
26	9.222	12.198	13.844	15.379	17.292	35.563	38.885	41.923	45.642	54.051
27	9.803	12.878	14.573	16.151	18.114	36.741	40.113	43.195	46.963	55.475
28	10.391	13.565	15.308	16.928	18.939	37.916	41.337	44.461	48.278	56.892
29	10.986	14.256	16.047	17.708	19.768	39.087	42.557	45.722	49.588	58.301
30	11.588	14.953	16.791	18.493	20.599	40.256	43.773	46.979	50.892	59.702
40	17.917	22.164	24.433	26.509	29.051	51.805	55.758	59.342	63.691	73.403
50	24.674	29.707	32.357	34.764	37.689	63.167	67.505	71.420	76.154	86.660
60	31.738	37.485	40.482	43.188	46.459	74.397	79.082	83.298	88.379	99.608
70	39.036	45.442	48.758	51.739	55.329	85.527	90.531	95.023	100.425	112.317
80	46.520	53.540	57.153	60.391	64.278	96.578	101.879	106.629	112.329	124.839

Students‘ *t*-distribution



	α two sided						
ν	0.200	0.100	0.050	0.025	0.010	0.005	0.001
1	3.078	6.314	12.706	25.452	63.656	127.321	636.578
2	1.886	2.920	4.303	6.205	9.925	14.089	31.600
3	1.638	2.353	3.182	4.177	5.841	7.453	12.924
4	1.533	2.132	2.776	3.495	4.604	5.598	8.610
5	1.476	2.015	2.571	3.163	4.032	4.773	6.869
6	1.440	1.943	2.447	2.969	3.707	4.317	5.959
7	1.415	1.895	2.365	2.841	3.499	4.029	5.408
8	1.397	1.860	2.306	2.752	3.355	3.833	5.041
9	1.383	1.833	2.262	2.685	3.250	3.690	4.781
10	1.372	1.812	2.228	2.634	3.169	3.581	4.587
11	1.363	1.796	2.201	2.593	3.106	3.497	4.437
12	1.356	1.782	2.179	2.560	3.055	3.428	4.318
13	1.350	1.771	2.160	2.533	3.012	3.372	4.221
14	1.345	1.761	2.145	2.510	2.977	3.326	4.140
15	1.341	1.753	2.131	2.490	2.947	3.286	4.073
16	1.337	1.746	2.120	2.473	2.921	3.252	4.015
17	1.333	1.740	2.110	2.458	2.898	3.222	3.965
18	1.330	1.734	2.101	2.445	2.878	3.197	3.922
19	1.328	1.729	2.093	2.433	2.861	3.174	3.883
20	1.325	1.725	2.086	2.423	2.845	3.153	3.850
21	1.323	1.721	2.080	2.414	2.831	3.135	3.819
22	1.321	1.717	2.074	2.405	2.819	3.119	3.792
23	1.319	1.714	2.069	2.398	2.807	3.104	3.768
24	1.318	1.711	2.064	2.391	2.797	3.091	3.745
25	1.316	1.708	2.060	2.385	2.787	3.078	3.725
30	1.310	1.697	2.042	2.360	2.750	3.030	3.646
40	1.303	1.684	2.021	2.329	2.704	2.971	3.551
60	1.296	1.671	2.000	2.299	2.660	2.915	3.460
120	1.289	1.658	1.980	2.270	2.617	2.860	3.373
ν	0.100	0.050	0.025	0.0125	0.005	0.0025	0.0005
	α one sided						

F-distribution F_α values at $\alpha = 0.05$ (one sided)

	ν_2																
ν_1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	161.45	18.51	10.13	7.71	6.61	5.99	5.59	5.32	5.12	4.96	4.84	4.75	4.67	4.60	4.54	4.49	4.45
2	199.50	19.00	9.55	6.94	5.79	5.14	4.74	4.46	4.26	4.10	3.98	3.89	3.81	3.74	3.68	3.63	3.59
3	215.71	19.16	9.28	6.59	5.41	4.76	4.35	4.07	3.86	3.71	3.59	3.49	3.41	3.34	3.29	3.24	3.20
4	224.58	19.25	9.12	6.39	5.19	4.53	4.12	3.84	3.63	3.48	3.36	3.26	3.18	3.11	3.06	3.01	2.96
5	230.16	19.30	9.01	6.26	5.05	4.39	3.97	3.69	3.48	3.33	3.20	3.11	3.03	2.96	2.90	2.85	2.81
6	233.99	19.33	8.94	6.16	4.95	4.28	3.87	3.58	3.37	3.22	3.09	3.00	2.92	2.85	2.79	2.74	2.70
7	236.77	19.35	8.89	6.09	4.88	4.21	3.79	3.50	3.29	3.14	3.01	2.91	2.83	2.76	2.71	2.66	2.61
8	238.88	19.37	8.85	6.04	4.82	4.15	3.73	3.44	3.23	3.07	2.95	2.85	2.77	2.70	2.64	2.59	2.55
9	240.54	19.38	8.81	6.00	4.77	4.10	3.68	3.39	3.18	3.02	2.90	2.80	2.71	2.65	2.59	2.54	2.49
10	241.88	19.40	8.79	5.96	4.74	4.06	3.64	3.35	3.14	2.98	2.85	2.75	2.67	2.60	2.54	2.49	2.45
11	242.98	19.40	8.76	5.94	4.70	4.03	3.60	3.31	3.10	2.94	2.82	2.72	2.63	2.57	2.51	2.46	2.41
12	243.90	19.41	8.74	5.91	4.68	4.00	3.57	3.28	3.07	2.91	2.79	2.69	2.60	2.53	2.48	2.42	2.38
13	244.69	19.42	8.73	5.89	4.66	3.98	3.55	3.26	3.05	2.89	2.76	2.66	2.58	2.51	2.45	2.40	2.35
14	245.36	19.42	8.71	5.87	4.64	3.96	3.53	3.24	3.03	2.86	2.74	2.64	2.55	2.48	2.42	2.37	2.33
15	245.95	19.43	8.70	5.86	4.62	3.94	3.51	3.22	3.01	2.85	2.72	2.62	2.53	2.46	2.40	2.35	2.31
16	246.47	19.43	8.69	5.84	4.60	3.92	3.49	3.20	2.99	2.83	2.70	2.60	2.51	2.44	2.38	2.33	2.29
17	246.92	19.44	8.68	5.83	4.59	3.91	3.48	3.19	2.97	2.81	2.69	2.58	2.50	2.43	2.37	2.32	2.27
18	247.32	19.44	8.67	5.82	4.58	3.90	3.47	3.17	2.96	2.80	2.67	2.57	2.48	2.41	2.35	2.30	2.26
19	247.69	19.44	8.67	5.81	4.57	3.88	3.46	3.16	2.95	2.79	2.66	2.56	2.47	2.40	2.34	2.29	2.24
20	248.02	19.45	8.66	5.80	4.56	3.87	3.44	3.15	2.94	2.77	2.65	2.54	2.46	2.39	2.33	2.28	2.23
21	248.31	19.45	8.65	5.79	4.55	3.86	3.43	3.14	2.93	2.76	2.64	2.53	2.45	2.38	2.32	2.26	2.22
22	248.58	19.45	8.65	5.79	4.54	3.86	3.43	3.13	2.92	2.75	2.63	2.52	2.44	2.37	2.31	2.25	2.21
23	248.82	19.45	8.64	5.78	4.53	3.85	3.42	3.12	2.91	2.75	2.62	2.51	2.43	2.36	2.30	2.24	2.20
24	249.05	19.45	8.64	5.77	4.53	3.84	3.41	3.12	2.90	2.74	2.61	2.51	2.42	2.35	2.29	2.24	2.19
25	249.26	19.46	8.63	5.77	4.52	3.83	3.40	3.11	2.89	2.73	2.60	2.50	2.41	2.34	2.28	2.23	2.18
26	249.45	19.46	8.63	5.76	4.52	3.83	3.40	3.10	2.89	2.72	2.59	2.49	2.41	2.33	2.27	2.22	2.17
27	249.63	19.46	8.63	5.76	4.51	3.82	3.39	3.10	2.88	2.72	2.59	2.48	2.40	2.33	2.27	2.21	2.17
28	249.80	19.46	8.62	5.75	4.50	3.82	3.39	3.09	2.87	2.71	2.58	2.48	2.39	2.32	2.26	2.21	2.16
29	249.95	19.46	8.62	5.75	4.50	3.81	3.38	3.08	2.87	2.70	2.58	2.47	2.39	2.31	2.25	2.20	2.15
30	250.10	19.46	8.62	5.75	4.50	3.81	3.38	3.08	2.86	2.70	2.57	2.47	2.38	2.31	2.25	2.19	2.15
32	250.36	19.46	8.61	5.74	4.49	3.80	3.37	3.07	2.85	2.69	2.56	2.46	2.37	2.30	2.24	2.18	2.14
34	250.59	19.47	8.61	5.73	4.48	3.79	3.36	3.06	2.85	2.68	2.55	2.45	2.36	2.29	2.23	2.17	2.13
36	250.79	19.47	8.60	5.73	4.47	3.79	3.35	3.06	2.84	2.67	2.54	2.44	2.35	2.28	2.22	2.17	2.12
38	250.98	19.47	8.60	5.72	4.47	3.78	3.35	3.05	2.83	2.67	2.54	2.43	2.35	2.27	2.21	2.16	2.11
40	251.14	19.47	8.59	5.72	4.46	3.77	3.34	3.04	2.83	2.66	2.53	2.43	2.34	2.27	2.20	2.15	2.10
42	251.29	19.47	8.59	5.71	4.46	3.77	3.34	3.04	2.82	2.66	2.53	2.42	2.33	2.26	2.20	2.14	2.10
44	251.43	19.47	8.59	5.71	4.46	3.76	3.33	3.03	2.82	2.65	2.52	2.41	2.33	2.25	2.19	2.14	2.09
46	251.55	19.47	8.59	5.71	4.45	3.76	3.33	3.03	2.81	2.65	2.52	2.41	2.32	2.25	2.19	2.13	2.09
48	251.67	19.48	8.58	5.70	4.45	3.76	3.32	3.02	2.81	2.64	2.51	2.41	2.32	2.24	2.18	2.13	2.08
50	251.77	19.48	8.58	5.70	4.44	3.75	3.32	3.02	2.80	2.64	2.51	2.40	2.31	2.24	2.18	2.12	2.08
55	252.00	19.48	8.58	5.69	4.44	3.75	3.31	3.01	2.79	2.63	2.50	2.39	2.30	2.23	2.17	2.11	2.07
60	252.20	19.48	8.57	5.69	4.43	3.74	3.30	3.01	2.79	2.62	2.49	2.38	2.30	2.22	2.16	2.11	2.06
65	252.36	19.48	8.57	5.68	4.43	3.73	3.30	3.00	2.78	2.61	2.48	2.38	2.29	2.22	2.15	2.10	2.05
70	252.50	19.48	8.57	5.68	4.42	3.73	3.29	2.99	2.78	2.61	2.48	2.37	2.28	2.21	2.15	2.09	2.05
75	252.62	19.48	8.56	5.68	4.42	3.73	3.29	2.99	2.77	2.60	2.47	2.37	2.28	2.21	2.14	2.09	2.04
80	252.72	19.48	8.56	5.67	4.41	3.72	3.29	2.99	2.77	2.60	2.47	2.36	2.27	2.20	2.14	2.08	2.03
90	252.90	19.48	8.56	5.67	4.41	3.72	3.28	2.98	2.76	2.59	2.46	2.36	2.27	2.19	2.13	2.07	2.03
100	253.04	19.49	8.55	5.66	4.41	3.71	3.27	2.97	2.76	2.59	2.46	2.35	2.26	2.19	2.12	2.07	2.02
125	253.30	19.49	8.55	5.66	4.40	3.70	3.27	2.97	2.75	2.58	2.45	2.34	2.25	2.18	2.11	2.06	2.01
150	253.47	19.49	8.54	5.65	4.39	3.70	3.26	2.96	2.74	2.57	2.44	2.33	2.24	2.17	2.10	2.05	2.00
200	253.68	19.49	8.54	5.65	4.39	3.69	3.25	2.95	2.73	2.56	2.43	2.32	2.23	2.16	2.10	2.04	1.99
500	254.06	19.49	8.53	5.64	4.37	3.68	3.24	2.94	2.72	2.55	2.42	2.31	2.22	2.14	2.08	2.02	1.97
1000	254.19	19.49	8.53	5.63	4.37	3.67	3.23	2.93	2.71	2.54	2.41	2.30	2.21	2.14	2.07	2.02	1.97

ν_1 :df of numerator, ν_2 :df of denominator

ν_2																		
18	19	20	22	24	26	28	30	35	40	45	50	60	80	100	200	500	1000	ν_1
4.41	4.38	4.35	4.30	4.26	4.23	4.20	4.17	4.12	4.08	4.06	4.03	4.00	3.96	3.94	3.89	3.86	3.85	1
3.55	3.52	3.49	3.44	3.40	3.37	3.34	3.32	3.27	3.23	3.20	3.18	3.15	3.11	3.09	3.04	3.01	3.00	2
3.16	3.13	3.10	3.05	3.01	2.98	2.95	2.92	2.87	2.84	2.81	2.79	2.76	2.72	2.70	2.65	2.62	2.61	3
2.93	2.90	2.87	2.82	2.78	2.74	2.71	2.69	2.64	2.61	2.58	2.56	2.53	2.49	2.46	2.42	2.39	2.38	4
2.77	2.74	2.71	2.66	2.62	2.59	2.56	2.53	2.49	2.45	2.42	2.40	2.37	2.33	2.31	2.26	2.23	2.22	5
2.66	2.63	2.60	2.55	2.51	2.47	2.45	2.42	2.37	2.34	2.31	2.29	2.25	2.21	2.19	2.14	2.12	2.11	6
2.58	2.54	2.51	2.46	2.42	2.39	2.36	2.33	2.29	2.25	2.22	2.20	2.17	2.13	2.10	2.06	2.03	2.02	7
2.51	2.48	2.45	2.40	2.36	2.32	2.29	2.27	2.22	2.18	2.15	2.13	2.10	2.06	2.03	1.98	1.96	1.95	8
2.46	2.42	2.39	2.34	2.30	2.27	2.24	2.21	2.16	2.12	2.10	2.07	2.04	2.00	1.97	1.93	1.90	1.89	9
2.41	2.38	2.35	2.30	2.25	2.22	2.19	2.16	2.11	2.08	2.05	2.03	1.99	1.95	1.93	1.88	1.85	1.84	10
2.37	2.34	2.31	2.26	2.22	2.18	2.15	2.13	2.07	2.04	2.01	1.99	1.95	1.91	1.89	1.84	1.81	1.80	11
2.34	2.31	2.28	2.23	2.18	2.15	2.12	2.09	2.04	2.00	1.97	1.95	1.92	1.88	1.85	1.80	1.77	1.76	12
2.31	2.28	2.25	2.20	2.15	2.12	2.09	2.06	2.01	1.97	1.94	1.92	1.89	1.84	1.82	1.77	1.74	1.73	13
2.29	2.26	2.22	2.17	2.13	2.09	2.06	2.04	1.99	1.95	1.92	1.89	1.86	1.82	1.79	1.74	1.71	1.70	14
2.27	2.23	2.20	2.15	2.11	2.07	2.04	2.01	1.96	1.92	1.89	1.87	1.84	1.79	1.77	1.72	1.69	1.68	15
2.25	2.21	2.18	2.13	2.09	2.05	2.02	1.99	1.94	1.90	1.87	1.85	1.82	1.77	1.75	1.69	1.66	1.65	16
2.23	2.20	2.17	2.11	2.07	2.03	2.00	1.98	1.92	1.89	1.86	1.83	1.80	1.75	1.73	1.67	1.64	1.63	17
2.22	2.18	2.15	2.10	2.05	2.02	1.99	1.96	1.91	1.87	1.84	1.81	1.78	1.73	1.71	1.66	1.62	1.61	18
2.20	2.17	2.14	2.08	2.04	2.00	1.97	1.95	1.89	1.85	1.82	1.80	1.76	1.72	1.69	1.64	1.61	1.60	19
2.19	2.16	2.12	2.07	2.03	1.99	1.96	1.93	1.88	1.84	1.81	1.78	1.75	1.70	1.68	1.62	1.59	1.58	20
2.18	2.14	2.11	2.06	2.01	1.98	1.95	1.92	1.87	1.83	1.80	1.77	1.73	1.69	1.66	1.61	1.58	1.57	21
2.17	2.13	2.10	2.05	2.00	1.97	1.93	1.91	1.85	1.81	1.78	1.76	1.72	1.68	1.65	1.60	1.56	1.55	22
2.16	2.12	2.09	2.04	1.99	1.96	1.92	1.90	1.84	1.80	1.77	1.75	1.71	1.67	1.64	1.58	1.55	1.54	23
2.15	2.11	2.08	2.03	1.98	1.95	1.91	1.89	1.83	1.79	1.76	1.74	1.70	1.65	1.63	1.57	1.54	1.53	24
2.14	2.11	2.07	2.02	1.97	1.94	1.91	1.88	1.82	1.78	1.75	1.73	1.69	1.64	1.62	1.56	1.53	1.52	25
2.13	2.10	2.07	2.01	1.97	1.93	1.90	1.87	1.82	1.77	1.74	1.72	1.68	1.63	1.61	1.55	1.52	1.51	26
2.13	2.09	2.06	2.00	1.96	1.92	1.89	1.86	1.81	1.77	1.73	1.71	1.67	1.63	1.60	1.54	1.51	1.50	27
2.12	2.08	2.05	2.00	1.95	1.91	1.88	1.85	1.80	1.76	1.73	1.70	1.66	1.62	1.59	1.53	1.50	1.49	28
2.11	2.08	2.05	1.99	1.95	1.91	1.88	1.85	1.79	1.75	1.72	1.69	1.66	1.61	1.58	1.52	1.49	1.48	29
2.11	2.07	2.04	1.98	1.94	1.90	1.87	1.84	1.79	1.74	1.71	1.69	1.65	1.60	1.57	1.52	1.48	1.47	30
2.10	2.06	2.03	1.97	1.93	1.89	1.86	1.83	1.77	1.73	1.70	1.67	1.64	1.59	1.56	1.50	1.47	1.46	32
2.09	2.05	2.02	1.96	1.92	1.88	1.85	1.82	1.76	1.72	1.69	1.66	1.62	1.58	1.55	1.49	1.45	1.44	34
2.08	2.04	2.01	1.95	1.91	1.87	1.84	1.81	1.75	1.71	1.68	1.65	1.61	1.56	1.54	1.48	1.44	1.43	36
2.07	2.03	2.00	1.95	1.90	1.86	1.83	1.80	1.74	1.70	1.67	1.64	1.60	1.55	1.52	1.47	1.43	1.42	38
2.06	2.03	1.99	1.94	1.89	1.85	1.82	1.79	1.74	1.69	1.66	1.63	1.59	1.54	1.52	1.46	1.42	1.41	40
2.06	2.02	1.99	1.93	1.89	1.85	1.81	1.78	1.73	1.69	1.65	1.63	1.59	1.54	1.51	1.45	1.41	1.40	42
2.05	2.01	1.98	1.93	1.88	1.84	1.81	1.78	1.72	1.68	1.64	1.62	1.58	1.53	1.50	1.44	1.40	1.39	44
2.05	2.01	1.98	1.92	1.87	1.83	1.80	1.77	1.71	1.67	1.64	1.61	1.57	1.52	1.49	1.43	1.39	1.38	46
2.04	2.00	1.97	1.91	1.87	1.83	1.79	1.77	1.71	1.67	1.63	1.61	1.57	1.51	1.48	1.42	1.38	1.37	48
2.04	2.00	1.97	1.91	1.86	1.82	1.79	1.76	1.70	1.66	1.63	1.60	1.56	1.51	1.48	1.41	1.38	1.36	50
2.03	1.99	1.96	1.90	1.85	1.81	1.78	1.75	1.69	1.65	1.61	1.59	1.55	1.49	1.46	1.40	1.36	1.35	55
2.02	1.98	1.95	1.89	1.84	1.80	1.77	1.74	1.68	1.64	1.60	1.58	1.53	1.48	1.45	1.39	1.35	1.33	60
2.01	1.97	1.94	1.88	1.83	1.79	1.76	1.73	1.67	1.63	1.59	1.57	1.52	1.47	1.44	1.37	1.33	1.32	65
2.00	1.97	1.93	1.88	1.83	1.79	1.75	1.72	1.66	1.62	1.59	1.56	1.52	1.46	1.43	1.36	1.32	1.31	70
2.00	1.96	1.93	1.87	1.82	1.78	1.75	1.72	1.66	1.61	1.58	1.55	1.51	1.45	1.42	1.35	1.31	1.30	75
1.99	1.96	1.92	1.86	1.82	1.78	1.74	1.71	1.65	1.61	1.57	1.54	1.50	1.45	1.41	1.35	1.30	1.29	80
1.98	1.95	1.91	1.86	1.81	1.77	1.73	1.70	1.64	1.60	1.56	1.53	1.49	1.44	1.40	1.33	1.29	1.27	90
1.98	1.94	1.91	1.85	1.80	1.76	1.73	1.70	1.63	1.59	1.55	1.52	1.48	1.43	1.39	1.32	1.28	1.26	100
1.97	1.93	1.89	1.84	1.79	1.75	1.71	1.68	1.62	1.57	1.54	1.51	1.46	1.41	1.37	1.30	1.25	1.23	125
1.96	1.92	1.89	1.83	1.78	1.74	1.70	1.67	1.61	1.56	1.53	1.50	1.45	1.39	1.36	1.28	1.23	1.22	150
1.95	1.91	1.88	1.82	1.77	1.73	1.69	1.66	1.60	1.55	1.51	1.48	1.44	1.38	1.34	1.26	1.21	1.19	200
1.93	1.89	1.86	1.80	1.75	1.71	1.67	1.64	1.57	1.53	1.49	1.46	1.41	1.35	1.31	1.22	1.16	1.13	500
1.92	1.88	1.85	1.79	1.74	1.70	1.66	1.63	1.57	1.52	1.48	1.45	1.40	1.34	1.30	1.21	1.14	1.11	1000