

Table entry for z is the area under the standard Normal curve to the left of z.

z	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
-3.4	.0003	.0003	.0003	.0003	.0003	.0003	.0003	.0003	.0003	.0002
-3.3	.0005	.0005	.0005	.0004	.0004	.0004	.0004	.0004	.0004	.0003
-3.2	.0007	.0007	.0006	.0006	.0006	.0006	.0006	.0005	.0005	.0005
-3.1	.0010	.0009	.0009	.0009	.0008	.0008	.0008	.0008	.0007	.0007
-3.0	.0013	.0013	.0013	.0012	.0012	.0011	.0011	.0011	.0010	.0010
-2.9	.0019	.0018	.0018	.0017	.0016	.0016	.0015	.0015	.0014	.0014
-2.8	.0026	.0025	.0024	.0023	.0023	.0022	.0021	.0021	.0020	.0019
-2.7	.0035	.0034	.0033	.0032	.0031	.0030	.0029	.0028	.0027	.0026
-2.6	.0047	.0045	.0044	.0043	.0041	.0040	.0039	.0038	.0037	.0036
-2.5	.0062	.0060	.0059	.0057	.0055	.0054	.0052	.0051	.0049	.0048
-2.4	.0082	.0080	.0078	.0075	.0073	.0071	.0069	.0068	.0066	.0064
-2.3	.0107	.0104	.0102	.0099	.0096	.0094	.0091	.0089	.0087	.0084
-2.2	.0139	.0136	.0132	.0129	.0125	.0122	.0119	.0116	.0113	.0110
-2.1	.0179	.0174	.0170	.0166	.0162	.0158	.0154	.0150	.0146	.0143
-2.0	.0228	.0222	.0217	.0212	.0207	.0202	.0197	.0192	.0188	.0183
-1.9	.0287	.0281	.0274	.0268	.0262	.0256	.0250	.0244	.0239	.0233
-1.8	.0359	.0351	.0344	.0336	.0329	.0322	.0314	.0307	.0301	.0294
-1.7	.0446	.0436	.0427	.0418	.0409	.0401	.0392	.0384	.0375	.0367
-1.6	.0548	.0537	.0526	.0516	.0505	.0495	.0485	.0475	.0465	.0455
-1.5	.0668	.0655	.0643	.0630	.0618	.0606	.0594	.0582	.0571	.0559
-1.4	.0808	.0793	.0778	.0764	.0749	.0735	.0721	.0708	.0694	.0681
-1.3	.0968	.0951	.0934	.0918	.0901	.0885	.0869	.0853	.0838	.0823
-1.2	.1151	.1131	.1112	.1093	.1075	.1056	.1038	.1020	.1003	.0985
-1.1	.1357	.1335	.1314	.1292	.1271	.1251	.1230	.1210	.1190	.1170
-1.0	.1587	.1562	.1539	.1515	.1492	.1469	.1446	.1423	.1401	.1379
-0.9	.1841	.1814	.1788	.1762	.1736	.1711	.1685	.1660	.1635	.1611
-0.8	.2119	.2090	.2061	.2033	.2005	.1977	.1949	.1922	.1894	.1867
-0.7	.2420	.2389	.2358	.2327	.2296	.2266	.2236	.2206	.2177	.2148
-0.6	.2743	.2709	.2676	.2643	.2611	.2578	.2546	.2514	.2483	.2451
-0.5	.3085	.3050	.3015	.2981	.2946	.2912	.2877	.2843	.2810	.2776
-0.4	.3446	.3409	.3372	.3336	.3300	.3264	.3228	.3192	.3156	.3121
-0.3	.3821	.3783	.3745	.3707	.3669	.3632	.3594	.3557	.3520	.3483
-0.2	.4207	.4168	.4129	.4090	.4052	.4013	.3974	.3936	.3897	.3859
-0.1	.4602	.4562	.4522	.4483	.4443	.4404	.4364	.4325	.4286	.4247
-0.0	.5000	.4960	.4920	.4880	.4840	.4801	.4761	.4721	.4681	.4641

(continued)

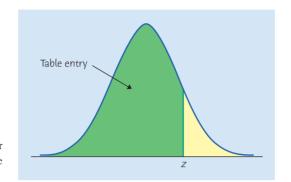
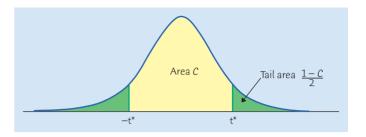


Table entry for z is the area under the standard Normal curve to the left of z.

z	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
0.0	.5000	.5040	.5080	.5120	.5160	.5199	.5239	.5279	.5319	.5359
0.1	.5398	.5438	.5478	.5517	.5557	.5596	.5636	.5675	.5714	.5753
0.2	.5793	.5832	.5871	.5910	.5948	.5987	.6026	.6064	.6103	.6141
0.3	.6179	.6217	.6255	.6293	.6331	.6368	.6406	.6443	.6480	.6517
0.4	.6554	.6591	.6628	.6664	.6700	.6736	.6772	.6808	.6844	.6879
0.5	.6915	.6950	.6985	.7019	.7054	.7088	.7123	.7157	.7190	.7224
0.6	.7257	.7291	.7324	.7357	.7389	.7422	.7454	.7486	.7517	.7549
0.7	.7580	.7611	.7642	.7673	.7704	.7734	.7764	.7794	.7823	.7852
0.8	.7881	.7910	.7939	.7967	.7995	.8023	.8051	.8078	.8106	.8133
0.9	.8159	.8186	.8212	.8238	.8264	.8289	.8315	.8340	.8365	.8389
1.0	.8413	.8438	.8461	.8485	.8508	.8531	.8554	.8577	.8599	.8621
1.1	.8643	.8665	.8686	.8708	.8729	.8749	.8770	.8790	.8810	.8830
1.2	.8849	.8869	.8888	.8907	.8925	.8944	.8962	.8980	.8997	.9015
1.3	.9032	.9049	.9066	.9082	.9099	.9115	.9131	.9147	.9162	.9177
1.4	.9192	.9207	.9222	.9236	.9251	.9265	.9279	.9292	.9306	.9319
1.5	.9332	.9345	.9357	.9370	.9382	.9394	.9406	.9418	.9429	.9441
1.6	.9452	.9463	.9474	.9484	.9495	.9505	.9515	.9525	.9535	.9545
1.7	.9554	.9564	.9573	.9582	.9591	.9599	.9608	.9616	.9625	.9633
1.8	.9641	.9649	.9656	.9664	.9671	.9678	.9686	.9693	.9699	.9706
1.9	.9713	.9719	.9726	.9732	.9738	.9744	.9750	.9756	.9761	.9767
2.0	.9772	.9778	.9783	.9788	.9793	.9798	.9803	.9808	.9812	.9817
2.1	.9821	.9826	.9830	.9834	.9838	.9842	.9846	.9850	.9854	.9857
2.2	.9861	.9864	.9868	.9871	.9875	.9878	.9881	.9884	.9887	.9890
2.3	.9893	.9896	.9898	.9901	.9904	.9906	.9909	.9911	.9913	.9916
2.4	.9918	.9920	.9922	.9925	.9927	.9929	.9931	.9932	.9934	.9936
2.5	.9938	.9940	.9941	.9943	.9945	.9946	.9948	.9949	.9951	.9952
2.6	.9953	.9955	.9956	.9957	.9959	.9960	.9961	.9962	.9963	.9964
2.7	.9965	.9966	.9967	.9968	.9969	.9970	.9971	.9972	.9973	.9974
2.8	.9974	.9975	.9976	.9977	.9977	.9978	.9979	.9979	.9980	.9981
2.9	.9981	.9982	.9982	.9983	.9984	.9984	.9985	.9985	.9986	.9986
3.0	.9987	.9987	.9987	.9988	.9988	.9989	.9989	.9989	.9990	.9990
3.1	.9990	.9991	.9991	.9991	.9992	.9992	.9992	.9992	.9993	.9993
3.2	.9993	.9993	.9994	.9994	.9994	.9994	.9994	.9995	.9995	.9995
3.3	.9995	.9995	.9995	.9996	.9996	.9996	.9996	.9996	.9996	.9997
3.4	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9998

Table entry for C is the critical value  $t^*$  required for confidence level C. To approximate one- and two-sided P-values, compare the value of the t statistic with the critical values of  $t^*$  that match the P-values given at the bottom of the table.



One-sided P	.25	.20	.15	.10	.05	.025	.02	.01	.005	.0025	.001	.0005	1
Two-sided P	.50	.40	.30	.20	.10	.05	.04	.02	.01	.005	.002	.001	
Degrees of freedom	50%	60%	70%	80%	90%	95%	96%	98%	99%	99.5%	99.8%	99.9%	Confidence level
1	1.000	1.376	1.963	3.078	6.314	12.710	15.890	31.820	63.660	127.300	318.300	636.600	
2	0.816	1.061	1.386	1.886	2.920	4.303	4.849	6.965	9.925	14.090	22.330	31.600	
3	0.765	0.978	1.250	1.638	2.353	3.182	3.482	4.541	5.841	7.453	10.210	12.920	
4	0.741	0.941	1.190	1.533	2.132	2.776	2.999	3.747	4.604	5.598	7.173	8.610	
5	0.727	0.920	1.156	1.476	2.015	2.571	2.757	3.365	4.032	4.773	5.893	6.869	
6	0.718	0.906	1.134	1.440	1.943	2.447	2.612	3.143	3.707	4.317	5.208	5.959	4
7	0.711	0.896	1.119	1.415	1.895	2.365	2.517	2.998	3.499	4.029	4.785	5.408	4
8	0.706	0.889	1.108	1.397	1.860	2.306	2.449	2.896	3.355	3.833	4.501	5.041	4
9	0.703	0.883	1.100	1.383	1.833	2.262	2.398	2.821	3.250	3.690	4.297	4.781	4
10	0.700	0.879	1.093	1.372	1.812	2.228	2.359	2.764	3.169	3.581	4.144	4.587	4
11	0.697	0.876	1.088	1.363	1.796	2.201	2.328	2.718	3.106	3.497	4.025	4.437	
12	0.695	0.873	1.083	1.356	1.782	2.179	2.303	2.681	3.055	3.428	3.930	4.318	
13	0.694	0.870	1.079	1.350	1.771	2.160	2.282	2.650	3.012	3.372	3.852	4.221	
14	0.692	0.868	1.076	1.345	1.761	2.145	2.264	2.624	2.977	3.326	3.787	4.140	1
15	0.691	0.866	1.074	1.341	1.753	2.131	2.249	2.602	2.947	3.286	3.733	4.073	
16	0.690	0.865	1.071	1.337	1.746	2.120	2.235	2.583	2.921	3.252	3.686	4.015	4
17	0.689	0.863	1.069	1.333	1.740	2.110	2.224	2.567	2.898	3.222	3.646	3.965	4
18	0.688	0.862	1.067	1.330	1.734	2.101	2.214	2.552	2.878	3.197	3.611	3.922	4
19	0.688	0.861	1.066	1.328	1.729	2.093	2.205	2.539	2.861	3.174	3.579	3.883	4
20	0.687	0.860	1.064	1.325	1.725	2.086	2.197	2.528	2.845	3.153	3.552	3.850	4
21	0.686	0.859	1.063	1.323	1.721	2.080	2.189	2.518	2.831	3.135	3.527	3.819	1
22	0.686	0.858	1.061	1.321	1.717	2.074	2.183	2.508	2.819	3.119	3.505	3.792	1
23	0.685	0.858	1.060	1.319	1.714	2.069	2.177	2.500	2.807	3.104	3.485	3.768	1
24	0.685	0.857	1.059	1.318	1.711	2.064	2.172	2.492	2.797	3.091	3.467	3.745	1
25	0.684	0.856	1.058	1.316	1.708	2.060	2.167	2.485	2.787	3.078	3.450	3.725	_
26	0.684	0.856	1.058	1.315	1.706	2.056	2.162	2.479	2.779	3.067	3.435	3.707	4
27	0.684	0.855	1.057	1.314	1.703	2.052	2.158	2.473	2.771	3.057	3.421	3.690	4
28	0.683	0.855	1.056	1.313	1.701	2.048	2.154	2.467	2.763	3.047	3.408	3.674	
29	0.683	0.854	1.055	1.311	1.699	2.045	2.150	2.462	2.756	3.038	3.396	3.659	4
30	0.683	0.854	1.055	1.310	1.697	2.042	2.147	2.457	2.750	3.030	3.385	3.646	4
40 50	0.681	0.851	1.050	1.303	1.684	2.021	2.123	2.423	2.704	2.971	3.307	3.551	
50	0.679	0.849	1.047	1.299	1.676	2.009	2.109	2.403	2.678	2.937	3.261	3.496	
60	0.679	0.848	1.045	1.296	1.671	2.000	2.099	2.390	2.660	2.915	3.232	3.460	
80	0.678	0.846	1.043	1.292	1.664	1.990	2.088	2.374	2.639	2.887	3.195	3.416	
100	0.677	0.845	1.042	1.290	1.660	1.984	2.081	2.364	2.626	2.871	3.174	3.390	
1000	0.675	0.842	1.037	1.282	1.646	1.962	2.056	2.330	2.581	2.813	3.098	3.300	1
χ*	0.674	0.841	1.036	1.282	1.645	1.960	2.054	2.326	2.576	2.807	3.091	3.291	4
One-sided P	.25	.20	.15	.10	.05	.025	.02	.01	.005	.0025	.001	.0005	-
Two-sided P	.50	.40	.30	.20	.10	.05	.04	.02	.01	.005	.002	.001	1

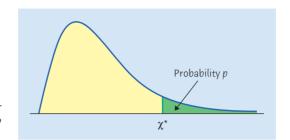


Table entry for p is the critical value  $\chi^*$  with probability p lying to its right.

TAB	LE D	Chi-sq	uare dis	stributio	n critica	l values	6					
							Þ					
df	.25	.20	.15	.10	.05	.025	.02	.01	.005	.0025	.001	.0005
1	1.32	1.64	2.07	2.71	3.84	5.02	5.41	6.63	7.88	9.14	10.83	12.12
2	2.77	3.22	3.79	4.61	5.99	7.38	7.82	9.21	10.60	11.98	13.82	15.20
3	4.11	4.64	5.32	6.25	7.81	9.35	9.84	11.34	12.84	14.32	16.27	17.73
4	5.39	5.99	6.74	7.78	9.49	11.14	11.67	13.28	14.86	16.42	18.47	20.00
5	6.63	7.29	8.12	9.24	11.07	12.83	13.39	15.09	16.75	18.39	20.51	22.11
6	7.84	8.56	9.45	10.64	12.59	14.45	15.03	16.81	18.55	20.25	22.46	24.10
7	9.04	9.80	10.75	12.02	14.07	16.01	16.62	18.48	20.28	22.04	24.32	26.02
8	10.22	11.03	12.03	13.36	15.51	17.53	18.17	20.09	21.95	23.77	26.12	27.87
9	11.39	12.24	13.29	14.68	16.92	19.02	19.68	21.67	23.59	25.46	27.88	29.67
10	12.55	13.44	14.53	15.99	18.31	20.48	21.16	23.21	25.19	27.11	29.59	31.42
11	13.70	14.63	15.77	17.28	19.68	21.92	22.62	24.72	26.76	28.73	31.26	33.14
12	14.85	15.81	16.99	18.55	21.03	23.34	24.05	26.22	28.30	30.32	32.91	34.82
13	15.98	16.98	18.20	19.81	22.36	24.74	25.47	27.69	29.82	31.88	34.53	36.48
14	17.12	18.15	19.41	21.06	23.68	26.12	26.87	29.14	31.32	33.43	36.12	38.11
15	18.25	19.31	20.60	22.31	25.00	27.49	28.26	30.58	32.80	34.95	37.70	39.72
16	19.37	20.47	21.79	23.54	26.30	28.85	29.63	32.00	34.27	36.46	39.25	41.31
17	20.49	21.61	22.98	24.77	27.59	30.19	31.00	33.41	35.72	37.95	40.79	42.88
18	21.60	22.76	24.16	25.99	28.87	31.53	32.35	34.81	37.16	39.42	42.31	44.43
19	22.72	23.90	25.33	27.20	30.14	32.85	33.69	36.19	38.58	40.88	43.82	45.97
20	23.83	25.04	26.50	28.41	31.41	34.17	35.02	37.57	40.00	42.34	45.31	47.50
21	24.93	26.17	27.66	29.62	32.67	35.48	36.34	38.93	41.40	43.78	46.80	49.01
22	26.04	27.30	28.82	30.81	33.92	36.78	37.66	40.29	42.80	45.20	48.27	50.51
23	27.14	28.43	29.98	32.01	35.17	38.08	38.97	41.64	44.18	46.62	49.73	52.00
24	28.24	29.55	31.13	33.20	36.42	39.36	40.27	42.98	45.56	48.03	51.18	53.48
25	29.34	30.68	32.28	34.38	37.65	40.65	41.57	44.31	46.93	49.44	52.62	54.95
26	30.43	31.79	33.43	35.56	38.89	41.92	42.86	45.64	48.29	50.83	54.05	56.41
27	31.53	32.91	34.57	36.74	40.11	43.19	44.14	46.96	49.64	52.22	55.48	57.86
28	32.62	34.03	35.71	37.92	41.34	44.46	45.42	48.28	50.99	53.59	56.89	59.30
29	33.71	35.14	36.85	39.09	42.56	45.72	46.69	49.59	52.34	54.97	58.30	60.73
30	34.80	36.25	37.99	40.26	43.77	46.98	47.96	50.89	53.67	56.33	59.70	62.16
40	45.62	47.27	49.24	51.81	55.76	59.34	60.44	63.69	66.77	69.70	73.40	76.09
50	56.33	58.16	60.35	63.17	67.50	71.42	72.61	76.15	79.49	82.66	86.66	89.56
60	66.98	68.97	71.34	74.40	79.08	83.30	84.58	88.38	91.95	95.34	99.61	102.70
80	88.13	90.41	93.11	96.58	101.90	106.60	108.10	112.30	116.30	120.10	124.80	128.30
100	109.10	111.70	114.70	118.50	124.30	129.60	131.10	135.80	140.20	144.30	149.40	153.20

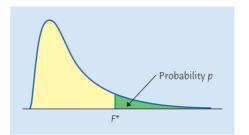


Table entry for p is the critical value  $F^*$  with probability p lying to its right.

					Deg	grees of freedo	m in the nume	erator		
		Þ	1	2	3	4	5	6	7	8
		.100	39.86	49.50	53.59	55.83	57.24	58.20	58.91	59.44
		.050	161.45	199.50	215.71	224.58	230.16	233.99	236.77	238.88
	1	.025	647.79	799.50	864.16	899.58	921.85	937.11	948.22	956.66
		.010	4052.20	4999.50	5403.40	5624.60	5763.60	5859	5928.40	5981.10
		.001	405284.00	500000.00	540379.00	562500.00	576405.00	585937.00	592873.00	598144.0
		.100	8.53	9.00	9.16	9.24	9.29	9.33	.35	9.3
		.050	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.3
	2	.025	38.51	39.00	39.17	39.25	39.30	39.33	39.36	39.3
		.010	98.50	99.00	99.17	99.25	99.30	99.33	99.36	99.3
		.001	998.50	999.00	999.17	999.25	999.30	999.33	999.36	999.3
		.100	5.54	5.46	5.39	5.34	5.31	5.28	5.27	5.2
or		.050	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.8
nat	3	.025	17.44	16.04	15.44	15.10	14.88	14.73	14.62	14.5
Degrees of freedom in the denominator		.010	34.12	30.82	29.46	28.71	28.24	27.91	27.67	27.4
ou		.001	167.03	148.50	141.11	137.10	134.58	132.85	131.58	130.6
ge		.100	4.54	4.32	4.19	4.11	4.05	4.01	3.98	3.9
the		.050	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.0
<u> </u>	4	.025	12.22	10.65	9.98	9.60	9.36	9.20	9.07	8.9
Ē		.010	21.20	18.00	16.69	15.98	15.52	15.21	14.98	14.8
opa		.001	74.14	61.25	56.18	53.44	51.71	50.53	49.66	49.0
<u>i</u>		.100	4.06	3.78	3.62	3.52	3.45	3.40	3.37	3.3
01	_	.050	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.8
es	5	.025	10.01	8.43	7.76	7.39	7.15	6.98	6.85	6.7
gre		.010	16.26	13.27	12.06	11.39	10.97	10.67	10.46	10.2
<u>5</u>		.001	47.18	37.12	33.20	31.09	29.75	28.83	28.16	27.6
_		.100 .050	3.78	3.46	3.29	3.18	3.11	3.05	3.01	2.9
	_	.030	5.99	5.14	4.76	4.53	4.39	4.28 5.82	4.21	4.1 5.6
	6	.025	8.81 13.75	7.26 10.92	6.60 9.78	6.23 9.15	5.99 8.75	5.62 8.47	5.70 8.26	8.1
		.001	35.51	27.00	23.70	21.92	20.80	20.03	0.20 19.46	
		.100	35.51	3.26	3.07	21.92	20.80	2.83	2.78	19.0. 2.7
		.050	5.59 5.59	3.26 4.74	4.35	4.12	2.00 3.97	3.87	3.79	3.7
	7	.025	3.39 8.07	6.54	5.89	5.52	5.29	5.12	4.99	4.9
	l	.010	12.25	9.55	8.45	7.85	7.46	7.19	6.99	6.8
		.001	29.25	21.69	18.77	17.20	16.21	15.52	15.02	14.6
		.100	3.46	3.11	2.92	2.81	2.73	2.67	2.62	2.5
		.050	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.4
	8	.025	7.57	6.06	5.42	5.05	4.82	4.65	4.53	4.4
	O	.010	11.26	8.65	7.59	7.01	6.63	6.37	6.18	6.03
		.001	25.41	18.49	15.83	14.39	13.48	12.86	12.40	12.0

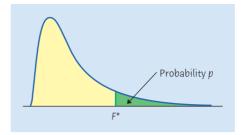


Table entry for p is the critical value  $F^*$  with probability p lying to its right.

					Deg	grees of freedo	m in the num	erator		
		Þ	9	10	15	20	30	60	120	1000
		.100	59.86	60.19	61.22	61.74	62.26	62.79	63.06	63.30
		.050	240.54	241.88	245.95	248.01	250.10	252.20	253.25	254.19
	1	.025	963.28	968.63	984.87	993.10	1001.40	1009.80	10140	1017.70
		.010	6022.50	6055.80	6157.30	6208.70	6260.60	63130	6339.40	6362.70
		.001	602284.00	605621.00	615764.00	620908.00	626099.00	631337.00	633972.00	636301.00
		.100	9.38	9.39	9.42	9.44	9.46	9.47	9.48	9.49
		.050	19.38	19.40	19.43	19.45	19.46	19.48	19.49	19.49
	2	.025	39.39	39.40	39.43	39.45	39.46	39.48	39.49	39.50
		.010	99.39	99.40	99.43	99.45	99.47	99.48	99.49	99.5
		.001	999.39	999.40	999.43	999.45	999.47	999.48	999.49	999.5
		.100	5.24	5.23	5.20	5.18	5.17	5.15	5.14	5.1.
)r		.050	8.81	8.79	8.70	8.66	8.62	8.57	8.55	8.5
atc	3	.025	14.47	14.42	14.25	14.17	14.08	13.99	13.95	13.9
·Ē		.010	27.35	27.23	26.87	26.69	26.50	26.32	26.22	26.1
JOL		.001	129.86	129.25	127.37	126.42	125.45	124.47	123.97	123.5
der		.100	3.94	3.92	3.87	3.84	3.82	3.79	3.78	3.7
he		.050	6.00	5.96	5.86	5.80	5.75	5.69	5.66	5.6
ո է	4	.025	8.90	8.84	8.66	8.56	8.46	8.36	8.31	8.2
.n		.010	14.66	14.55	14.20	14.02	13.84	13.65	13.56	13.4
dor		.001	48.47	48.05	46.76	46.10	45.43	44.75	44.40	44.0
Degrees of freedom in the denominator		.100	3.32	3.30	3.24	3.21	3.17	3.14	3.12	3.1
Į.		.050	4.77	4.74	4.62	4.56	4.50	4.43	4.40	4.3
S 0.	5	.025	6.68	6.62	6.43	6.33	6.23	6.12	6.07	6.0
ee.		.010	10.16	10.05	9.72	9.55	9.38	9.20	9.11	9.0
<u>6</u>		.001	27.24	26.92	25.91	25.39	24.87	24.33	24.06	23.8
Ω		.100	2.96	2.94	2.87	2.84	2.80	2.76	2.74	2.7
		.050	4.10	4.06	3.94	3.87	3.81	3.74	3.70	3.6
	6	.025	5.52	5.46	5.27	5.17	5.07	4.96	4.90	4.8
		.010	7.98	7.87	7.56	7.40	7.23	7.06	6.97	6.8
		.001	18.69	18.41	17.56	17.12	16.67	16.21	15.98	15.7
		.100	2.72	2.70	2.63	2.59	2.56	2.51	2.49	2.4
		.050	3.68	3.64	3.51	3.44	3.38	3.30	3.27	3.2
	7	.025	4.82	4.76	4.57	4.47	4.36	4.25	4.20	4.1
		.010	6.72	6.62	6.31	6.16	5.99	5.82	5.74	5.6
		.001	14.33	14.08	13.32	12.93	12.53	12.12	11.91	11.7
		.100	2.56	2.54	2.46	2.42	2.38	2.34	2.32	2.3
		.050	3.39	3.35	3.22	3.15	3.08	3.01	2.97	2.9
	8	.025	4.36	4.30	4.10	4.00	3.89	3.78	3.73	3.6
		.010	5.91	5.81	5.52	5.36	5.20	5.03	4.95	4.8
		.001	11.77	11.54	10.84	10.48	10.11	9.73	9.53	9.3

(continued)

					Degr	ees of freedo	m in the num	erator		
		Þ	1	2	3	4	5	6	7	8
		.100	3.36	3.01	2.81	2.69	2.61	2.55	2.51	2.47
		.050	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23
	9	.025	7.21	5.71	5.08	4.72	4.48	4.32	4.20	4.10
		.010	10.56	8.02	6.99	6.42	6.06	5.80	5.61	5.4
		.001	22.86	16.39	13.90	12.56	11.71	11.13	10.70	10.3
		.100	3.29	2.92	2.73	2.61	2.52	2.46	2.41	2.3
		.050	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.0
	10									
	10	.025	6.94	5.46	4.83	4.47	4.24	4.07	3.95	3.8
		.010	10.04	7.56	6.55	5.99	5.64	5.39	5.20	5.0
		.001	21.04	14.91	12.55	11.28	10.48	9.93	9.52	9.2
		.100	3.18	2.81	2.61	2.48	2.39	2.33	2.28	2.2
		.050	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.8
	12	.025	6.55	5.10	4.47	4.12	3.89	3.73	3.61	3.5
		.010	9.33	6.93	5.95	5.41	5.06	4.82	4.64	4.5
		.001	18.64	12.97	10.80	9.63	8.89	8.38	8.00	7.7
		.100	3.07	2.70	2.49	2.36	2.27	2.21	2.16	2.1
		.050	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.6
	15	.025	6.20	4.77	4.15	3.80	3.58	3.41	3.29	3.2
		.010	8.68	6.36	5.42	4.89	4.56	4.32	4.14	4.0
		.001	16.59	11.34	9.34	8.25	7.57	7.09	6.74	6.4
		.100	2.97	2.59	2.38	2.25	2.16	2.09	2.04	2.0
ь		.050	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.4
2	20	.025	5.87	4.46	3.86	3.51	3.29	3.13	3.01	2.9
<u> </u>	20	.010	8.10	5.85	4.94	4.43	4.10	3.87	3.70	3.5
Ę		.001	14.82	9.95	8.10	7.10	6.46	6.02	5.69	5.4
Ĭ		.100	2.92	2.53	2.32	2.18	2.09	2.02	1.97	1.9
Ď										
Ĭ	25	.050	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.3
<b>=</b>	25	.025	5.69	4.29	3.69	3.35	3.13	2.97	2.85	2.7
Ē		.010	7.77	5.57	4.68	4.18	3.85	3.63	3.46	3.3
3		.001	13.88	9.22	7.45	6.49	5.89	5.46	5.15	4.9
2		.100	2.81	2.41	2.20	2.06	1.97	1.90	1.84	1.8
Degrees of freedom in the denominator		.050	4.03	3.18	2.79	2.56	2.40	2.29	2.20	2.1
e e	50	.025	5.34	3.97	3.39	3.05	2.83	2.67	2.55	2.4
2		.010	7.17	5.06	4.20	3.72	3.41	3.19	3.02	2.8
ž,		.001	12.22	7.96	6.34	5.46	4.90	4.51	4.22	4.0
-		.100	2.76	2.36	2.14	2.00	1.91	1.83	1.78	1.7
		.050	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.0
	100	.025	5.18	3.83	3.25	2.92	2.70	2.54	2.42	2.3
		.010	6.90	4.82	3.98	3.51	3.21	2.99	2.82	2.6
		.001	11.50	7.41	5.86	5.02	4.48	4.11	3.83	3.6
		.100	2.73	2.33	2.11	1.97	1.88	1.80	1.75	1.7
		.050	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.9
	200	.025	5.10	3.76	3.18	2.85	2.63	2.47	2.35	2.2
	200	.010	6.76	4.71	3.88	3.41	3.11	2.89	2.73	2.6
		.001	11.15	7.15	5.63	4.81	4.29	3.92	3.65	3.4
		.100	2.71	2.31	2.09	1.95	1.85	1.78	1.72	1.6
	1000	.050	3.85	3.00	2.61	2.38	2.22	2.11	2.02	1.9
	1000	.025	5.04	3.70	3.13	2.80	2.58	2.42	2.30	2.2
		.010	6.66	4.63	3.80	3.34	3.04	2.82	2.66	2.5
		.001	10.89	6.96	5.46	4.65	4.14	3.78	3.51	3.3

					Degre	ees of freedo	m in the num	nerator		
		Þ	9	10	15	20	30	60	120	1000
		.100	2.44	2.42	2.34	2.30	2.25	2.21	2.18	2.16
		.050	3.18	3.14	3.01	2.94	2.86	2.79	2.75	2.71
	9	.025	4.03	3.96	3.77	3.67	3.56	3.45	3.39	3.34
		.010	5.35	5.26	4.96	4.81	4.65	4.48	4.40	4.3
		.001	10.11	9.89	9.24	8.90	8.55	8.19	8.00	7.8
		.100	2.35	2.32	2.24	2.20	2.16	2.11	2.08	2.0
		.050	3.02	2.98	2.85	2.77	2.70	2.62	2.58	2.5
	10	.025	3.78	3.72	3.52	3.42	3.31	3.20	3.14	3.0
		.010	4.94	4.85	4.56	4.41	4.25	4.08	4.00	3.9
		.001	8.96	8.75	8.13	7.80	7.47	7.12	6.94	6.7
		.100	2.21	2.19	2.10	2.06	2.01	1.96	1.93	1.9
		.050	2.80	2.75	2.62	2.54	2.47	2.38	2.34	2.3
	12	.025	3.44	3.37	3.18	3.07	2.96	2.85	2.79	2.7
		.010	4.39	4.30	4.01	3.86	3.70	3.54	3.45	3.3
		.001	7.48	7.29	6.71	6.40	6.09	5.76	5.59	5.4
		.100	2.09	2.06	1.97	1.92	1.87	1.82	1.79	1.7
		.050	2.59	2.54	2.40	2.33	2.25	2.16	2.11	2.0
	15	.025	3.12	3.06	2.86	2.76	2.64	2.52	2.46	2.4
		.010	3.89	3.80	3.52	3.37	3.21	3.05	2.96	2.8
		.001	6.26	6.08	5.54	5.25	4.95	4.64	4.47	4.3
		.100	1.96	1.94	1.84	1.79	1.74	1.68	1.64	1.6
ı		.050	2.39	2.35	2.20	2.12	2.04	1.95	1.90	1.8
ato	20	.025	2.84	2.77	2.57	2.46	2.35	2.22	2.16	2.0
ii.		.010	3.46	3.37	3.09	2.94	2.78	2.61	2.52	2.4
nor .		.001	5.24	5.08	4.56	4.29	4.00	3.70	3.54	3.4
der		.100	1.89	1.87	1.77	1.72	1.66	1.59	1.56	1.5
Degrees of freedom in the denominator		.050	2.28	2.24	2.09	2.01	1.92	1.82	1.77	1.7
n tl	25	.025	2.68	2.61	2.41	2.30	2.18	2.05	1.98	1.9
n E		.010	3.22	3.13	2.85	2.70	2.54	2.36	2.27	2.1
dor		.001	4.71	4.56	4.06	3.79	3.52	3.22	3.06	2.9
ee		.100	1.76	1.73	1.63	1.57	1.50	1.42	1.38	1.3
#		.050	2.07	2.03	1.87	1.78	1.69	1.58	1.51	1.4
S	50	.025	2.38	2.32	2.11	1.99	1.87	1.72	1.64	1.5
ree		.010	2.78	2.70	2.42	2.27	2.10	1.91	1.80	1.7
gə(		.001	3.82	3.67	3.20	2.95	2.68	2.38	2.21	2.0
$\Box$		.100	1.69	1.66	1.56	1.49	1.42	1.34	1.28	1.2
		.050	1.97	1.93	1.77	1.68	1.57	1.45	1.38	1.3
	100	.025	2.24	2.18	1.97	1.85	1.71	1.56	1.46	1.3
		.010	2.59	2.50	2.22	2.07	1.89	1.69	1.57	1.4
		.001	3.44	3.30	2.84	2.59	2.32	2.01	1.83	1.6
		.100	1.66	1.63	1.52	1.46	1.38	1.29	1.23	1.1
		.050	1.93	1.88	1.72	1.62	1.52	1.39	1.30	1.2
	200	.025	2.18	2.11	1.90	1.78	1.64	1.47	1.37	1.2
		.010	2.50	2.41	2.13	1.97	1.79	1.58	1.45	1.3
		.001	3.26	3.12	2.67	2.42	2.15	1.83	1.64	1.4
		.100	1.64	1.61	1.49	1.43	1.35	1.25	1.18	1.0
		.050	1.89	1.84	1.68	1.58	1.47	1.33	1.24	1.1
	1000	.025	2.13	2.06	1.85	1.72	1.58	1.41	1.29	1.1
		.010	2.43	2.34	2.06	1.90	1.72	1.50	1.35	1.1
		.001	3.13	2.99	2.54	2.30	2.02	1.69	1.49	1.2