

訂 正

『医学・保健学のためのやさしい統計学 改訂第2版』(2007年2月1日 第1刷発行～2011年1月31日第4刷発行)の付表(p176～192, p194)に誤りがございました。

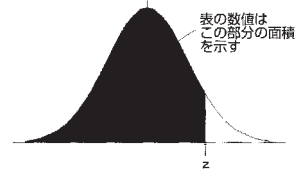
訂正済みの付表を掲載し、お詫び申し上げます。

2012年8月1日

金原出版株式会社

正規分布表(1)

0.01	0.5040	0.51	0.6950	1.01	0.8438	1.51	0.9345
0.02	0.5080	0.52	0.6985	1.02	0.8461	1.52	0.9357
0.03	0.5120	0.53	0.7019	1.03	0.8485	1.53	0.9370
0.04	0.5160	0.54	0.7054	1.04	0.8508	1.54	0.9382
0.05	0.5199	0.55	0.7088	1.05	0.8531	1.55	0.9394
0.06	0.5239	0.56	0.7123	1.06	0.8554	1.56	0.9406
0.07	0.5279	0.57	0.7157	1.07	0.8577	1.57	0.9418
0.08	0.5319	0.58	0.7190	1.08	0.8599	1.58	0.9429
0.09	0.5359	0.59	0.7224	1.09	0.8621	1.59	0.9441
0.10	0.5398	0.60	0.7257	1.10	0.8643	1.60	0.9452
0.11	0.5438	0.61	0.7291	1.11	0.8665	1.61	0.9463
0.12	0.5478	0.62	0.7324	1.12	0.8686	1.62	0.9474
0.13	0.5517	0.63	0.7357	1.13	0.8708	1.63	0.9484
0.14	0.5557	0.64	0.7389	1.14	0.8729	1.64	0.9495
0.15	0.5596	0.65	0.7422	1.15	0.8749	1.65	0.9505
0.16	0.5636	0.66	0.7454	1.16	0.8770	1.66	0.9515
0.17	0.5675	0.67	0.7486	1.17	0.8790	1.67	0.9525
0.18	0.5714	0.68	0.7517	1.18	0.8810	1.68	0.9535
0.19	0.5753	0.69	0.7549	1.19	0.8830	1.69	0.9545
0.20	0.5793	0.70	0.7580	1.20	0.8849	1.70	0.9554
0.21	0.5832	0.71	0.7611	1.21	0.8869	1.71	0.9564
0.22	0.5871	0.72	0.7642	1.22	0.8888	1.72	0.9573
0.23	0.5910	0.73	0.7673	1.23	0.8907	1.73	0.9582
0.24	0.5948	0.74	0.7704	1.24	0.8925	1.74	0.9591
0.25	0.5987	0.75	0.7734	1.25	0.8944	1.75	0.9599
0.26	0.6026	0.76	0.7764	1.26	0.8962	1.76	0.9608
0.27	0.6064	0.77	0.7794	1.27	0.8980	1.77	0.9616
0.28	0.6103	0.78	0.7823	1.28	0.8997	1.78	0.9625
0.29	0.6141	0.79	0.7852	1.29	0.9015	1.79	0.9633
0.30	0.6179	0.80	0.7881	1.30	0.9032	1.80	0.9641
0.31	0.6217	0.81	0.7910	1.31	0.9049	1.81	0.9649
0.32	0.6255	0.82	0.7939	1.32	0.9066	1.82	0.9656
0.33	0.6293	0.83	0.7967	1.33	0.9082	1.83	0.9664
0.34	0.6331	0.84	0.7995	1.34	0.9099	1.84	0.9671
0.35	0.6368	0.85	0.8023	1.35	0.9115	1.85	0.9678
0.36	0.6406	0.86	0.8051	1.36	0.9131	1.86	0.9686
0.37	0.6443	0.87	0.8078	1.37	0.9147	1.87	0.9693
0.38	0.6480	0.88	0.8106	1.38	0.9162	1.88	0.9699
0.39	0.6517	0.89	0.8133	1.39	0.9177	1.89	0.9706
0.40	0.6554	0.90	0.8159	1.40	0.9192	1.90	0.9713
0.41	0.6591	0.91	0.8186	1.41	0.9207	1.91	0.9719
0.42	0.6628	0.92	0.8212	1.42	0.9222	1.92	0.9726
0.43	0.6664	0.93	0.8238	1.43	0.9236	1.93	0.9732
0.44	0.6700	0.94	0.8264	1.44	0.9251	1.94	0.9738
0.45	0.6736	0.95	0.8289	1.45	0.9265	1.95	0.9744
0.46	0.6772	0.96	0.8315	1.46	0.9279	1.96	0.9750
0.47	0.6808	0.97	0.8340	1.47	0.9292	1.97	0.9756
0.48	0.6844	0.98	0.8365	1.48	0.9306	1.98	0.9761
0.49	0.6879	0.99	0.8389	1.49	0.9319	1.99	0.9767
0.50	0.6915	1.00	0.8413	1.50	0.9332	2.00	0.9772

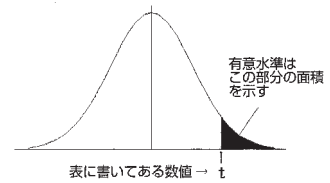


正規分布表(2)

2.01	0.9778	2.51	0.9940	3.01	0.9987
2.02	0.9783	2.52	0.9941	3.02	0.9987
2.03	0.9788	2.53	0.9943	3.03	0.9988
2.04	0.9793	2.54	0.9945	3.04	0.9988
2.05	0.9798	2.55	0.9946	3.05	0.9989
2.06	0.9803	2.56	0.9948	3.06	0.9989
2.07	0.9808	2.57	0.9949	3.07	0.9989
2.08	0.9812	2.58	0.9951	3.08	0.9990
2.09	0.9817	2.59	0.9952	3.09	0.9990
2.10	0.9821	2.60	0.9953	3.10	0.9990
2.11	0.9826	2.61	0.9955	3.11	0.9991
2.12	0.9830	2.62	0.9956	3.12	0.9991
2.13	0.9834	2.63	0.9957	3.13	0.9991
2.14	0.9838	2.64	0.9959	3.14	0.9992
2.15	0.9842	2.65	0.9960	3.15	0.9992
2.16	0.9846	2.66	0.9961	3.16	0.9992
2.17	0.9850	2.67	0.9962	3.17	0.9992
2.18	0.9854	2.68	0.9963	3.18	0.9993
2.19	0.9857	2.69	0.9964	3.19	0.9993
2.20	0.9861	2.70	0.9965	3.20	0.9993
2.21	0.9864	2.71	0.9966	3.21	0.9993
2.22	0.9868	2.72	0.9967	3.22	0.9994
2.23	0.9871	2.73	0.9968	3.23	0.9994
2.24	0.9875	2.74	0.9969	3.24	0.9994
2.25	0.9878	2.75	0.9970	3.25	0.9994
2.26	0.9881	2.76	0.9971	3.26	0.9994
2.27	0.9884	2.77	0.9972	3.27	0.9995
2.28	0.9887	2.78	0.9973	3.28	0.9995
2.29	0.9890	2.79	0.9974	3.29	0.9995
2.30	0.9893	2.80	0.9974	3.30	0.9995
2.31	0.9896	2.81	0.9975	3.31	0.9995
2.32	0.9898	2.82	0.9976	3.32	0.9995
2.33	0.9901	2.83	0.9977	3.33	0.9996
2.34	0.9904	2.84	0.9977	3.34	0.9996
2.35	0.9906	2.85	0.9978	3.35	0.9996
2.36	0.9909	2.86	0.9979	3.36	0.9996
2.37	0.9911	2.87	0.9979	3.37	0.9996
2.38	0.9913	2.88	0.9980	3.38	0.9996
2.39	0.9916	2.89	0.9981	3.39	0.9997
2.40	0.9918	2.90	0.9981	3.40	0.9997
2.41	0.9920	2.91	0.9982	3.41	0.9997
2.42	0.9922	2.92	0.9982	3.42	0.9997
2.43	0.9925	2.93	0.9983	3.43	0.9997
2.44	0.9927	2.94	0.9984	3.44	0.9997
2.45	0.9929	2.95	0.9984	3.45	0.9997
2.46	0.9931	2.96	0.9985	3.46	0.9997
2.47	0.9932	2.97	0.9985	3.47	0.9997
2.48	0.9934	2.98	0.9986	3.48	0.9997
2.49	0.9936	2.99	0.9986	3.49	0.9998
2.50	0.9938	3.00	0.9987	3.50	0.9998

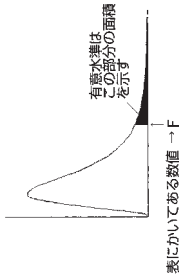
t 分布表(1)

自由度	10%	5%	2.50%	1.25%	1%
1	3.0777	6.3138	12.7062	25.4517	31.8205
2	1.8856	2.9200	4.3027	6.2053	6.9646
3	1.6377	2.3534	3.1824	4.1765	4.5407
4	1.5332	2.1318	2.7764	3.4954	3.7469
5	1.4759	2.0150	2.5706	3.1634	3.3649
6	1.4398	1.9432	2.4469	2.9687	3.1427
7	1.4149	1.8946	2.3646	2.8412	2.9980
8	1.3968	1.8595	2.3060	2.7515	2.8965
9	1.3830	1.8331	2.2622	2.6850	2.8214
10	1.3722	1.8125	2.2281	2.6338	2.7638
11	1.3634	1.7959	2.2010	2.5931	2.7181
12	1.3562	1.7823	2.1788	2.5600	2.6810
13	1.3502	1.7709	2.1604	2.5326	2.6503
14	1.3450	1.7613	2.1448	2.5096	2.6245
15	1.3406	1.7531	2.1314	2.4899	2.6025
16	1.3368	1.7459	2.1199	2.4729	2.5835
17	1.3334	1.7396	2.1098	2.4581	2.5669
18	1.3304	1.7341	2.1009	2.4450	2.5524
19	1.3277	1.7291	2.0930	2.4334	2.5395
20	1.3253	1.7247	2.0860	2.4231	2.5280
21	1.3232	1.7207	2.0796	2.4138	2.5176
22	1.3212	1.7171	2.0739	2.4055	2.5083
23	1.3195	1.7139	2.0687	2.3979	2.4999
24	1.3178	1.7109	2.0639	2.3909	2.4922
25	1.3163	1.7081	2.0595	2.3846	2.4851
26	1.3150	1.7056	2.0555	2.3788	2.4786
27	1.3137	1.7033	2.0518	2.3734	2.4727
28	1.3125	1.7011	2.0484	2.3685	2.4671
29	1.3114	1.6991	2.0452	2.3638	2.4620
30	1.3104	1.6973	2.0423	2.3596	2.4573
32	1.3086	1.6939	2.0369	2.3518	2.4487
34	1.3070	1.6909	2.0322	2.3451	2.4411
36	1.3055	1.6883	2.0281	2.3391	2.4345
38	1.3042	1.6860	2.0244	2.3337	2.4286
40	1.3031	1.6839	2.0211	2.3289	2.4233
45	1.3006	1.6794	2.0141	2.3189	2.4121
50	1.2987	1.6759	2.0086	2.3109	2.4033
55	1.2971	1.6730	2.0040	2.3044	2.3961
60	1.2958	1.6706	2.0003	2.2990	2.3901
70	1.2938	1.6669	1.9944	2.2906	2.3808
80	1.2922	1.6641	1.9901	2.2844	2.3739
90	1.2910	1.6620	1.9867	2.2795	2.3685
100	1.2901	1.6602	1.9840	2.2757	2.3642
150	1.2872	1.6551	1.9759	2.2641	2.3515
200	1.2858	1.6525	1.9719	2.2584	2.3451
300	1.2844	1.6499	1.9679	2.2527	2.3388



t 分布表(2)

自由度	0.50%	0.30%	0.20%	0.10%	0.05%
1	63.6567	106.1002	159.1528	318.3088	636.6192
2	9.9248	12.8518	15.7639	22.3271	31.5991
3	5.8409	6.9944	8.0526	10.2145	12.9240
4	4.6041	5.3214	5.9514	7.1732	8.6103
5	4.0321	4.5703	5.0302	5.8934	6.8688
6	3.7074	4.1517	4.5241	5.2076	5.9588
7	3.4995	3.8868	4.2071	4.7853	5.4079
8	3.3554	3.7049	3.9910	4.5008	5.0413
9	3.2498	3.5726	3.8345	4.2968	4.7809
10	3.1693	3.4721	3.7162	4.1437	4.5869
11	3.1058	3.3933	3.6238	4.0247	4.4370
12	3.0545	3.3298	3.5495	3.9296	4.3178
13	3.0123	3.2777	3.4887	3.8520	4.2208
14	2.9768	3.2341	3.4379	3.7874	4.1405
15	2.9467	3.1970	3.3948	3.7328	4.0728
16	2.9208	3.1653	3.3579	3.6862	4.0150
17	2.8982	3.1376	3.3259	3.6458	3.9651
18	2.8784	3.1135	3.2979	3.6105	3.9216
19	2.8609	3.0921	3.2731	3.5794	3.8834
20	2.8453	3.0731	3.2512	3.5518	3.8495
21	2.8314	3.0560	3.2315	3.5272	3.8193
22	2.8188	3.0407	3.2138	3.5050	3.7921
23	2.8073	3.0268	3.1978	3.4850	3.7676
24	2.7969	3.0142	3.1832	3.4668	3.7454
25	2.7874	3.0026	3.1699	3.4502	3.7251
26	2.7787	2.9921	3.1577	3.4350	3.7066
27	2.7707	2.9823	3.1465	3.4210	3.6896
28	2.7633	2.9733	3.1362	3.4082	3.6739
29	2.7564	2.9650	3.1266	3.3962	3.6594
30	2.7500	2.9573	3.1177	3.3852	3.6460
32	2.7385	2.9433	3.1017	3.3653	3.6218
34	2.7284	2.9311	3.0877	3.3479	3.6007
36	2.7195	2.9204	3.0753	3.3326	3.5821
38	2.7116	2.9108	3.0643	3.3190	3.5657
40	2.7045	2.9022	3.0545	3.3069	3.5510
45	2.6896	2.8843	3.0340	3.2815	3.5203
50	2.6778	2.8701	3.0177	3.2614	3.4960
55	2.6682	2.8586	3.0045	3.2451	3.4764
60	2.6603	2.8490	2.9936	3.2317	3.4602
70	2.6479	2.8341	2.9766	3.2108	3.4350
80	2.6387	2.8231	2.9640	3.1953	3.4163
90	2.6316	2.8145	2.9542	3.1833	3.4019
100	2.6259	2.8077	2.9464	3.1737	3.3905
150	2.6090	2.7875	2.9233	3.1455	3.3566
200	2.6006	2.7774	2.9119	3.1315	3.3398
300	2.5923	2.7675	2.9006	3.1176	3.3233



F 分布表 有意水準 0.1% (1)

分母1 自由度3	分子1 自由度	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
4	167.0292	148.5600	141.1085	137.1004	134.5800	132.8475	131.5829	130.6190	129.8000	129.2467	128.7408	128.3165	127.9553	127.6443	127.3736	127.1359	126.9254
5	74.1373	61.2456	56.1772	53.4358	51.7116	50.5250	49.6579	48.9962	48.4745	48.0526	47.7043	47.4118	47.1627	46.9481	46.7612	46.5969	46.4515
6	47.1808	37.1223	33.2025	31.0850	29.7524	28.8344	28.1626	27.6495	27.2445	26.9166	26.6456	26.4180	26.2240	26.0566	25.9108	25.7826	25.6691
7	35.5075	27.0000	23.7033	21.9235	20.8027	20.0297	19.4634	19.0303	18.6882	18.4109	18.1816	17.9888	17.8244	17.6825	17.5587	17.4499	17.3534
8	29.2452	21.6890	18.7723	17.1980	16.2058	15.5208	15.0186	14.6340	14.3299	14.0833	13.8791	13.7073	13.5607	13.4341	13.3237	13.2265	13.1403
9	25.4148	18.4937	15.8295	14.3916	13.4847	12.8580	12.3980	12.0455	11.7665	11.5401	11.3525	11.1945	11.0596	10.9430	10.8413	10.7517	10.6722
10	22.8571	16.3871	13.9018	12.5603	11.7137	11.1281	10.6979	10.3680	10.1066	9.8943	9.7183	9.5700	9.4433	9.3337	9.2381	9.1538	9.0790
11	21.0396	14.9054	12.5527	11.2828	10.4807	9.9256	9.5175	9.2041	8.9558	8.7539	8.5864	8.4452	8.3245	8.2200	8.1288	8.0484	7.9770
12	19.6868	13.8116	11.5611	10.3461	9.5784	9.0466	8.6553	8.3548	8.1163	7.9224	7.7614	7.6256	7.5094	7.4089	7.3210	7.2435	7.1747
13	18.6433	12.9737	10.8042	9.6327	8.8921	8.3788	8.0009	7.7104	7.4797	7.2920	7.1362	7.0046	6.8920	6.7945	6.7092	6.6340	6.5672
14	17.8154	12.3127	10.2089	9.0727	8.3541	7.8557	7.4886	7.2061	6.9818	6.7992	6.6474	6.5192	6.4094	6.3144	6.2312	6.1578	6.0926
15	17.1434	11.7789	9.7294	8.6223	7.9218	7.4358	7.0775	6.8017	6.5826	6.4041	6.2556	6.1302	6.0228	5.9297	5.8483	5.7764	5.7124
16	16.5874	11.3391	9.3553	8.2527	7.5674	7.0917	6.7408	6.4707	6.2559	6.0818	5.9352	5.8121	5.7066	5.6151	5.5351	5.4644	5.4015
17	16.1202	10.9710	9.0059	7.9442	7.2719	6.8049	6.4604	6.1950	5.9839	5.8117	5.6684	5.5473	5.4434	5.3533	5.2745	5.2048	5.1428
18	15.7222	10.6584	8.7269	7.6831	7.0219	6.5625	6.2234	5.9620	5.7541	5.5844	5.4431	5.3237	5.2212	5.1323	5.0544	4.9856	4.9244
19	15.0808	10.1568	8.2799	7.2655	6.6225	6.1754	5.8452	5.5904	5.3876	5.2219	5.0840	4.9672	4.8669	4.7799	4.7037	4.6362	4.5762
20	14.8188	9.9526	8.0984	7.0960	6.4606	6.0186	5.6920	5.4400	5.2392	5.0742	4.9386	4.8229	4.7236	4.6374	4.5618	4.4949	4.4353
21	14.5869	9.7723	7.9383	6.9467	6.3179	5.8805	5.5571	5.3076	5.1087	4.9432	4.8076	4.6920	4.5927	4.5119	4.4369	4.3705	4.3114
22	14.3803	9.6120	7.7960	6.8142	6.1914	5.7580	5.4376	5.1901	4.9929	4.8317	4.6973	4.5835	4.4857	4.4007	4.3262	4.2602	4.2015
23	14.1950	9.4685	7.6688	6.6957	6.0783	5.6486	5.3308	5.0853	4.8896	4.7296	4.5962	4.4831	4.3859	4.3015	4.2274	4.1618	4.1034
24	14.0280	9.3394	7.5545	6.5892	5.9768	5.5504	5.2349	4.9912	4.7968	4.6379	4.5053	4.3929	4.2963	4.2124	4.1387	4.0735	4.0154
25	13.8767	9.2255	7.4511	6.4931	5.8851	5.4617	5.1484	4.9063	4.7131	4.5551	4.4233	4.3116	4.2155	4.1320	4.0587	3.9938	3.9359
26	13.7390	9.1163	7.3572	6.4057	5.8018	5.3812	5.0698	4.8292	4.6372	4.4801	4.3490	4.2378	4.1422	4.0591	3.9861	3.9215	3.8638
27	13.6131	9.0194	7.2715	6.3261	5.7259	5.3078	4.9983	4.7590	4.5680	4.4117	4.2812	4.1706	4.0754	3.9926	3.9200	3.8556	3.7981
28	13.4976	8.9305	7.1931	6.2532	5.6565	5.2407	4.9328	4.6947	4.5047	4.3491	4.2193	4.1091	4.0143	3.9319	3.8595	3.7953	3.7381
29	13.3912	8.8488	7.1210	6.1863	5.5927	5.1791	4.8727	4.6358	4.4466	4.2917	4.1624	4.0526	3.9582	3.8761	3.8039	3.7400	3.6829
30	13.2930	8.7734	7.0545	6.1245	5.5339	5.1233	4.8173	4.5814	4.3930	4.2388	4.1100	4.0006	3.9065	3.8247	3.7529	3.6890	3.6321
32	13.1175	8.6388	6.9359	6.0145	5.4291	5.0211	4.7186	4.4846	4.2977	4.1446	4.0166	3.9080	3.8145	3.7331	3.6616	3.5982	3.5416
34	12.9652	8.5223	6.8333	5.9193	5.3386	4.9336	4.6334	4.4010	4.2153	4.0632	3.9360	3.8280	3.7350	3.6541	3.5829	3.5198	3.4634
36	12.8318	8.4204	6.7436	5.8362	5.2596	4.8593	4.5630	4.3281	4.1435	3.9922	3.8657	3.7583	3.6657	3.5851	3.5143	3.4514	3.3952
38	12.7141	8.3305	6.6646	5.7631	5.1900	4.7901	4.4936	4.2590	4.0744	3.9238	3.7974	3.6909	3.6047	3.5245	3.4538	3.3912	3.3352
40	12.6094	8.2508	6.5945	5.6981	5.1283	4.7306	4.4355	4.2013	4.0167	3.8664	3.7400	3.6335	3.5477	3.4675	3.3968	3.3342	3.2782
45	12.3922	8.0855	6.4495	5.5639	5.0007	4.6075	4.3157	4.0895	3.9086	3.7601	3.6358	3.5301	3.4390	3.3596	3.2897	3.2276	3.1721
50	12.2221	7.9564	6.3864	5.4953	4.9317	4.5411	4.2524	4.0268	3.8488	3.6998	3.5756	3.4700	3.3821	3.3028	3.2326	3.1700	3.1148
55	12.0853	7.8528	6.2456	5.3574	4.8217	4.4349	4.1476	3.9248	3.7463	3.5988	3.4741	3.3786	3.2925	3.2138	3.1436	3.0790	3.0219
60	11.9730	7.7678	6.1712	5.3067	4.7565	4.3721	4.0864	3.8648	3.6873	3.5415	3.4193	3.3153	3.2255	3.1472	3.0781	3.0167	2.9618
70	11.7993	7.6366	6.0566	5.2008	4.6561	4.2753	3.9922	3.7725	3.5964	3.4517	3.3304	3.2271	3.1378	3.0599	2.9912	2.9301	2.8754
80	11.6714	7.5401	5.9723	5.1231	4.5824	4.2043	3.9238	3.7049	3.5298	3.3859	3.2652	3.1624	3.0735	2.9959	2.9274	2.8665	2.8120
90	11.5732	7.4661	5.9078	5.0636	4.5260	4.1500	3.8703	3.6531	3.4789	3.3356	3.2154	3.1129	3.0244	2.9470	2.8787	2.8179	2.7634
100	11.4954	7.4077	5.8568	5.0167	4.4815	4.1071	3.8286	3.6123	3.4387	3.2959	3.1760	3.0739	2.9855	2.9083	2.8402	2.7795	2.7251
150	11.2666	7.2359	5.7072	4.8788	4.3510	3.9815	3.7026	3.4926	3.3195	3.1775	3.0608	2.9591	2.8718	2.7951	2.7274	2.6670	2.6128
200	11.1545	7.1519	5.6341	4.8116	4.2874	3.9203	3.6469	3.4343	3.2635	3.1228	3.0047	2.9038	2.8164	2.7400	2.6724	2.6122	2.5581

F 分布表 有意水準 0.1% (3)

分母 1 自由度 3	分子 → 40	自由度														
		45	50	55	60	70	80	90	100	150						
4	124.9590	124.9590	124.6635	124.5558	124.4658	124.3243	124.2180	124.1352	124.0688	124.0150	123.9695	123.9303	123.8965	123.8675	123.8430	
5	45.0886	44.9746	44.8832	44.8082	44.7457	44.6471	44.5731	44.5154	44.4692	44.4330	44.4007	44.3715	44.3455	44.3215	44.3000	
6	24.6020	24.5125	24.4407	24.3818	24.3326	24.2552	24.1969	24.1515	24.1151	24.0857	24.0607	24.0393	24.0215	24.0070	24.0000	
7	16.4445	16.3681	16.3067	16.2563	16.2143	16.1480	16.0981	16.0592	16.0243	16.0000	15.9775	15.9570	15.9385	15.9225	15.9090	
8	12.3260	12.2572	12.2020	12.1589	12.1189	12.0592	12.0143	11.9793	11.9512	11.9285	11.9085	11.8910	11.8755	11.8620	11.8500	
9	9.9194	9.8556	9.8044	9.7624	9.7272	9.6718	9.6300	9.5975	9.5714	9.5490	9.5290	9.5115	9.4960	9.4825	9.4710	
10	8.3685	8.3082	8.2597	8.2199	8.1865	8.1340	8.0944	8.0635	8.0387	8.0180	7.9995	7.9830	7.9685	7.9560	7.9450	
11	7.2971	7.2393	7.1927	7.1544	7.1224	7.0719	7.0338	7.0041	6.9802	6.9600	6.9425	6.9270	6.9135	6.9020	6.8920	
12	6.5178	6.4616	6.4165	6.3794	6.3483	6.2993	6.2623	6.2334	6.2102	6.1920	6.1765	6.1630	6.1515	6.1420	6.1340	
13	5.9278	5.8730	5.8290	5.7927	5.7623	5.7144	5.6782	5.6499	5.6272	5.6100	5.5945	5.5810	5.5695	5.5600	5.5530	
14	5.4670	5.4133	5.3700	5.3344	5.3046	5.2575	5.2219	5.1941	5.1718	5.1545	5.1390	5.1255	5.1140	5.1050	5.0980	
15	5.0979	5.0450	5.0023	4.9672	4.9378	4.8913	4.8562	4.8287	4.8070	4.7915	4.7780	4.7665	4.7570	4.7490	4.7430	
16	4.7959	4.7437	4.7015	4.6668	4.6377	4.5917	4.5569	4.5297	4.5079	4.4925	4.4790	4.4675	4.4580	4.4510	4.4460	
17	4.5446	4.4928	4.4511	4.4167	4.3878	4.3422	4.3077	4.2807	4.2590	4.2435	4.2300	4.2195	4.2110	4.2050	4.2000	
18	4.3323	4.2809	4.2395	4.2053	4.1767	4.1313	4.0970	4.0702	4.0486	4.0330	4.0195	4.0090	3.9995	3.9930	3.9890	
19	4.1507	4.0996	4.0584	4.0245	3.9960	3.9508	3.9167	3.8900	3.8685	3.8530	3.8405	3.8300	3.8215	3.8150	3.8110	
20	3.9936	3.9428	3.9018	3.8680	3.8396	3.7946	3.7606	3.7340	3.7125	3.6970	3.6845	3.6740	3.6655	3.6590	3.6550	
21	3.8564	3.8059	3.7650	3.7313	3.7030	3.6582	3.6242	3.5976	3.5762	3.5610	3.5495	3.5400	3.5325	3.5270	3.5230	
22	3.7357	3.6853	3.6445	3.6109	3.5827	3.5379	3.5040	3.4774	3.4560	3.4415	3.4305	3.4230	3.4175	3.4130	3.4100	
23	3.6285	3.5783	3.5376	3.5040	3.4759	3.4312	3.3973	3.3707	3.3493	3.3345	3.3235	3.3160	3.3105	3.3060	3.3030	
24	3.5328	3.4827	3.4421	3.4086	3.3804	3.3358	3.3019	3.2753	3.2539	3.2395	3.2295	3.2230	3.2185	3.2150	3.2120	
25	3.4468	3.3968	3.3562	3.3228	3.2946	3.2500	3.2161	3.1895	3.1681	3.1540	3.1440	3.1375	3.1330	3.1300	3.1270	
26	3.3692	3.3192	3.2787	3.2452	3.2171	3.1724	3.1386	3.1120	3.0905	3.0770	3.0675	3.0610	3.0575	3.0550	3.0530	
27	3.2987	3.2487	3.2083	3.1748	3.1467	3.1020	3.0681	3.0415	3.0200	3.0070	2.9980	2.9925	2.9900	2.9880	2.9870	
28	3.2344	3.1845	3.1440	3.1106	3.0825	3.0378	3.0039	2.9772	2.9557	2.9430	2.9355	2.9310	2.9285	2.9270	2.9260	
29	3.1755	3.1256	3.0852	3.0518	3.0236	2.9789	2.9449	2.9182	2.8967	2.8845	2.8775	2.8740	2.8720	2.8710	2.8700	
30	3.1215	3.0716	3.0311	2.9977	2.9695	2.9247	2.8907	2.8640	2.8424	2.8305	2.8235	2.8200	2.8180	2.8170	2.8160	
32	3.0716	3.0217	2.9813	2.9478	2.9196	2.8748	2.8407	2.8139	2.7923	2.7805	2.7735	2.7700	2.7680	2.7670	2.7660	
34	2.9858	2.9359	2.8955	2.8620	2.8338	2.8056	2.7840	2.7624	2.7505	2.7435	2.7400	2.7380	2.7370	2.7360	2.7350	
36	2.8886	2.8387	2.7983	2.7648	2.7366	2.7084	2.6741	2.6471	2.6252	2.6135	2.6065	2.6030	2.6010	2.6000	2.6000	
38	2.7794	2.7295	2.6891	2.6556	2.6274	2.5992	2.5649	2.5379	2.5160	2.5045	2.4975	2.4940	2.4920	2.4910	2.4900	
40	2.7268	2.6769	2.6365	2.6030	2.5748	2.5466	2.5123	2.4853	2.4634	2.4520	2.4450	2.4415	2.4395	2.4380	2.4370	
45	2.6180	2.5681	2.5277	2.4942	2.4660	2.4378	2.4035	2.3765	2.3546	2.3435	2.3365	2.3330	2.3310	2.3300	2.3300	
50	2.5329	2.4830	2.4426	2.4091	2.3809	2.3527	2.3184	2.2914	2.2695	2.2585	2.2515	2.2480	2.2460	2.2450	2.2450	
55	2.4646	2.4147	2.3743	2.3408	2.3126	2.2844	2.2501	2.2231	2.2012	2.1905	2.1835	2.1800	2.1780	2.1770	2.1770	
60	2.4086	2.3587	2.3183	2.2848	2.2566	2.2284	2.1941	2.1671	2.1452	2.1345	2.1275	2.1240	2.1220	2.1210	2.1210	
70	2.3220	2.2721	2.2317	2.1982	2.1700	2.1418	2.1075	2.0805	2.0586	2.0480	2.0410	2.0375	2.0355	2.0345	2.0345	
80	2.2582	2.2083	2.1679	2.1344	2.1062	2.0780	2.0437	2.0167	1.9948	1.9845	1.9775	1.9740	1.9720	1.9710	1.9710	
90	2.2092	2.1593	2.1189	2.0854	2.0572	2.0290	1.9947	1.9677	1.9458	1.9355	1.9285	1.9250	1.9230	1.9220	1.9220	
100	2.1704	2.1205	2.0801	2.0466	2.0184	1.9902	1.9559	1.9289	1.9070	1.8967	1.8900	1.8875	1.8860	1.8850	1.8850	
150	2.0560	2.0061	1.9657	1.9322	1.9040	1.8758	1.8415	1.8145	1.7926	1.7825	1.7760	1.7735	1.7720	1.7710	1.7710	
200	1.9999	1.9499	1.9095	1.8760	1.8478	1.8196	1.7853	1.7583	1.7364	1.7265	1.7200	1.7175	1.7160	1.7150	1.7150	

F 分布表 有意水準 1% (3)

分母 ↓	分子 →					
	60	70	80	90	100	150
3	26.3164	26.2892	26.2688	26.2530	26.2402	26.2020
4	13.6522	13.6254	13.6053	13.5896	13.5770	13.5392
5	9.2020	9.1763	9.1570	9.1420	9.1299	9.0936
6	7.0567	7.0318	7.0130	6.9984	6.9867	6.9513
7	5.8236	5.7991	5.7806	5.7662	5.7547	5.7199
8	5.0316	5.0073	4.9890	4.9748	4.9633	4.9287
9	4.4831	4.4589	4.4407	4.4264	4.4150	4.3805
10	4.0819	4.0577	4.0394	4.0252	4.0137	3.9792
11	3.7761	3.7518	3.7335	3.7192	3.7077	3.6730
12	3.5355	3.5111	3.4928	3.4784	3.4668	3.4319
13	3.3413	3.3168	3.2984	3.2839	3.2723	3.2371
14	3.1813	3.1567	3.1381	3.1235	3.1118	3.0764
15	3.0471	3.0224	3.0037	2.9890	2.9772	2.9415
16	2.9330	2.9082	2.8893	2.8745	2.8627	2.8267
17	2.8348	2.8097	2.7908	2.7759	2.7639	2.7276
18	2.7493	2.7241	2.7050	2.6900	2.6779	2.6413
19	2.6742	2.6488	2.6296	2.6145	2.6023	2.5654
20	2.6077	2.5822	2.5628	2.5476	2.5353	2.4981
21	2.5484	2.5227	2.5032	2.4878	2.4755	2.4379
22	2.4951	2.4693	2.4496	2.4342	2.4217	2.3839
23	2.4471	2.4210	2.4013	2.3857	2.3732	2.3350
24	2.4035	2.3773	2.3573	2.3417	2.3291	2.2906
25	2.3637	2.3373	2.3173	2.3015	2.2888	2.2501
26	2.3273	2.3008	2.2806	2.2647	2.2519	2.2129
27	2.2938	2.2672	2.2469	2.2309	2.2180	2.1787
28	2.2629	2.2361	2.2157	2.1997	2.1867	2.1470
29	2.2344	2.2074	2.1869	2.1707	2.1577	2.1178
30	2.2079	2.1808	2.1601	2.1439	2.1307	2.0905
32	2.1601	2.1328	2.1119	2.0954	2.0821	2.0414
34	2.1184	2.0908	2.0697	2.0530	2.0396	1.9983
36	2.0815	2.0537	2.0324	2.0155	2.0019	1.9602
38	2.0488	2.0206	1.9991	1.9822	1.9684	1.9262
40	2.0194	1.9911	1.9694	1.9522	1.9383	1.8956
45	1.9579	1.9290	1.9069	1.8893	1.8751	1.8313
50	1.9090	1.8797	1.8571	1.8393	1.8248	1.7799
55	1.8693	1.8395	1.8166	1.7984	1.7836	1.7378
60	1.8363	1.8061	1.7828	1.7644	1.7493	1.7027
70	1.7846	1.7537	1.7298	1.7109	1.6954	1.6472
80	1.7459	1.7144	1.6901	1.6707	1.6548	1.6053
90	1.7158	1.6838	1.6591	1.6393	1.6231	1.5724
100	1.6918	1.6594	1.6342	1.6141	1.5977	1.5459
150	1.6195	1.5856	1.5592	1.5379	1.5204	1.4647
200	1.5833	1.5485	1.5212	1.4992	1.4811	1.4229

F 分布表 有意水準 2.5% (3)

分母 ↓ 自由度	分子 → 自由度				
	70	80	90	100	150
3	13.9793	13.9697	13.9623	13.9563	13.9383
4	8.3458	8.3349	8.3263	8.3195	8.2988
5	6.1074	6.0960	6.0871	6.0800	6.0586
6	4.9434	4.9318	4.9227	4.9154	4.8934
7	4.2386	4.2268	4.2175	4.2101	4.1877
8	3.7684	3.7563	3.7469	3.7393	3.7165
9	3.4330	3.4207	3.4111	3.4034	3.3801
10	3.1818	3.1694	3.1596	3.1517	3.1280
11	2.9867	2.9740	2.9641	2.9561	2.9320
12	2.8307	2.8178	2.8077	2.7996	2.7750
13	2.7030	2.6900	2.6797	2.6715	2.6465
14	2.5966	2.5833	2.5729	2.5646	2.5392
15	2.5064	2.4930	2.4824	2.4739	2.4482
16	2.4291	2.4154	2.4047	2.3961	2.3700
17	2.3619	2.3481	2.3372	2.3285	2.3020
18	2.3030	2.2890	2.2780	2.2692	2.2423
19	2.2509	2.2368	2.2257	2.2167	2.1895
20	2.2045	2.1902	2.1790	2.1699	2.1424
21	2.1629	2.1485	2.1371	2.1280	2.1001
22	2.1254	2.1108	2.0993	2.0901	2.0618
23	2.0913	2.0766	2.0650	2.0557	2.0271
24	2.0603	2.0454	2.0337	2.0243	1.9954
25	2.0319	2.0169	2.0051	1.9955	1.9664
26	2.0058	1.9907	1.9787	1.9691	1.9397
27	1.9817	1.9665	1.9544	1.9447	1.9150
28	1.9595	1.9441	1.9319	1.9221	1.8921
29	1.9388	1.9232	1.9110	1.9011	1.8708
30	1.9195	1.9039	1.8915	1.8816	1.8510
32	1.8847	1.8689	1.8563	1.8462	1.8151
34	1.8541	1.8381	1.8254	1.8151	1.7835
36	1.8270	1.8107	1.7979	1.7874	1.7554
38	1.8028	1.7863	1.7733	1.7627	1.7302
40	1.7810	1.7644	1.7512	1.7405	1.7076
45	1.7351	1.7181	1.7045	1.6935	1.6596
50	1.6984	1.6810	1.6671	1.6558	1.6210
55	1.6684	1.6506	1.6364	1.6249	1.5892
60	1.6433	1.6252	1.6108	1.5990	1.5625
70	1.6038	1.5851	1.5702	1.5581	1.5202
80	1.5740	1.5549	1.5396	1.5271	1.4880
90	1.5507	1.5312	1.5156	1.5028	1.4627
100	1.5320	1.5122	1.4963	1.4833	1.4422
150	1.4753	1.4543	1.4374	1.4234	1.3789
200	1.4465	1.4248	1.4072	1.3927	1.3460

χ^2 分布表(2)

有意水準 自由度	0.3	0.2	0.1	0.05	0.025	0.01	0.005
1	1.0742	1.6424	2.7055	3.8415	5.0239	6.6349	7.8794
2	2.4079	3.2189	4.6052	5.9915	7.3778	9.2103	10.5966
3	3.6649	4.6416	6.2514	7.8147	9.3484	11.3449	12.8382
4	4.8784	5.9886	7.7794	9.4877	11.1433	13.2767	14.8603
5	6.0644	7.2893	9.2364	11.0705	12.8325	15.0863	16.7496
6	7.2311	8.5581	10.6446	12.5916	14.4494	16.8119	18.5476
7	8.3834	9.8032	12.0170	14.0671	16.0128	18.4753	20.2777
8	9.5245	11.0301	13.3616	15.5073	17.5345	20.0902	21.9550
9	10.6564	12.2421	14.6837	16.9190	19.0228	21.6660	23.5894
10	11.7807	13.4420	15.9872	18.3070	20.4832	23.2093	25.1882
11	12.8987	14.6314	17.2750	19.6751	21.9200	24.7250	26.7568
12	14.0111	15.8120	18.5493	21.0261	23.3367	26.2170	28.2995
13	15.1187	16.9848	19.8119	22.3620	24.7356	27.6882	29.8195
14	16.2221	18.1508	21.0641	23.6848	26.1189	29.1412	31.3193
15	17.3217	19.3107	22.3071	24.9958	27.4884	30.5779	32.8013
16	18.4179	20.4651	23.5418	26.2962	28.8454	31.9999	34.2672
17	19.5110	21.6146	24.7690	27.5871	30.1910	33.4087	35.7185
18	20.6014	22.7595	25.9894	28.8693	31.5264	34.8053	37.1565
19	21.6891	23.9004	27.2036	30.1435	32.8523	36.1909	38.5823
20	22.7745	25.0375	28.4120	31.4104	34.1696	37.5662	39.9968
21	23.8578	26.1711	29.6151	32.6706	35.4789	38.9322	41.4011
22	24.9390	27.3015	30.8133	33.9244	36.7807	40.2894	42.7957
23	26.0184	28.4288	32.0069	35.1725	38.0756	41.6384	44.1813
24	27.0960	29.5533	33.1962	36.4150	39.3641	42.9798	45.5585
25	28.1719	30.6752	34.3816	37.6525	40.6465	44.3141	46.9279
26	29.2463	31.7946	35.5632	38.8851	41.9232	45.6417	48.2899
27	30.3193	32.9117	36.7412	40.1133	43.1945	46.9629	49.6449
28	31.3909	34.0266	37.9159	41.3371	44.4608	48.2782	50.9934
29	32.4612	35.1394	39.0875	42.5570	45.7223	49.5879	52.3356
30	33.5302	36.2502	40.2560	43.7730	46.9792	50.8922	53.6720
32	35.6649	38.4663	42.5847	46.1943	49.4804	53.4858	56.3281
34	37.7954	40.6756	44.9032	48.6024	51.9660	56.0609	58.9639
36	39.9220	42.8788	47.2122	50.9985	54.4373	58.6192	61.5812
38	42.0451	45.0763	49.5126	53.3835	56.8955	61.1621	64.1814
40	44.1649	47.2685	51.8051	55.7585	59.3417	63.6907	66.7660
45	49.4517	52.7288	57.5053	61.6562	65.4102	69.9568	73.1661
50	54.7228	58.1638	63.1671	67.5048	71.4202	76.1539	79.4900
55	59.9805	63.5772	68.7962	73.3115	77.3805	82.2921	85.7490
60	65.2265	68.9721	74.3970	79.0819	83.2977	88.3794	91.9517