F-分布臨界值表

$P(F > F_{\alpha,v_1,v_2}) = \alpha = 0.10$

v_2 \ v_1	1	2	3	4	5	6	7	8	9	10
1	39.8635	49.5000	53.5932	55.8330	57.2401	58.2044	58.9060	59.4390	59.8576	60.1950
2	8.5263	9.0000	9.1618	9.2434	9.2926	9.3255	9.3491	9.3668	9.3805	9.3916
3	5.5383	5.4624	5.3908	5.3426	5.3092	5.2847	5.2662	5.2517	5.2400	5.2304
4	4.5448	4.3246	4.1909	4.1072	4.0506	4.0097	3.9790	3.9549	3.9357	3.9199
5	4.0604	3.7797	3.6195	3.5202	3.4530	3.4045	3.3679	3.3393	3.3163	3.2974
6	3.7759	3.4633	3.2888	3.1808	3.1075	3.0546	3.0145	2.9830	2.9577	2.9369
7	3.5894	3.2574	3.0741	2.9605	2.8833	2.8274	2.7849	2.7516	2.7247	2.7025
8	3.4579	3.1131	2.9238	2.8064	2.7264	2.6683	2.6241	2.5893	2.5612	2.5380
9	3.3603	3.0065	2.8129	2.6927	2.6106	2.5509	2.5053	2.4694	2.4403	2.4163
10	3.2850	2.9245	2.7277	2.6053	2.5216	2.4606	2.4140	2.3772	2.3473	2.3226
11	3.2252	2.8595	2.6602	2.5362	2.4512	2.3891	2.3416	2.3040	2.2735	2.2482
12	3.1765	2.8068	2.6055	2.4801	2.3940	2.3310	2.2828	2.2446	2.2135	2.1878
13	3.1362	2.7632	2.5603	2.4337	2.3467	2.2830	2.2341	2.1953	2.1638	2.1376
14	3.1022	2.7265	2.5222	2.3947	2.3069	2.2426	2.1931	2.1539	2.1220	2.0954
15	3.0732	2.6952	2.4898	2.3614	2.2730	2.2081	2.1582	2.1185	2.0862	2.0593
16	3.0481	2.6682	2.4618	2.3327	2.2438	2.1783	2.1280	2.0880	2.0553	2.0281
17	3.0262	2.6446	2.4374	2.3077	2.2183	2.1524	2.1017	2.0613	2.0284	2.0009
18	3.0070	2.6239	2.4160	2.2858	2.1958	2.1296	2.0785	2.0379	2.0047	1.9770
19	2.9899	2.6056	2.3970	2.2663	2.1760	2.1094	2.0580	2.0171	1.9836	1.9557
20	2.9747	2.5893	2.3801	2.2489	2.1582	2.0913	2.0397	1.9985	1.9649	1.9367
21	2.9610	2.5746	2.3649	2.2333	2.1423	2.0751	2.0233	1.9819	1.9480	1.9197
22	2.9486	2.5613	2.3512	2.2193	2.1279	2.0605	2.0084	1.9668	1.9327	1.9043
23	2.9374	2.5493	2.3387	2.2065	2.1149	2.0472	1.9949	1.9531	1.9189	1.8903
24	2.9271	2.5383	2.3274	2.1949	2.1030	2.0351	1.9826	1.9407	1.9063	1.8775
25	2.9177	2.5283	2.3170	2.1842	2.0922	2.0241	1.9714	1.9292	1.8947	1.8658
26	2.9091	2.5191	2.3075	2.1745	2.0822	2.0139	1.9610	1.9188	1.8841	1.8550
27	2.9012	2.5106	2.2987	2.1655	2.0730	2.0045	1.9515	1.9091	1.8743	1.8451
28	2.8938	2.5028	2.2906	2.1571	2.0645	1.9959	1.9427	1.9001	1.8652	1.8359
29	2.8870	2.4955	2.2831	2.1494	2.0566	1.9878	1.9345	1.8918	1.8568	1.8274
30	2.8807	2.4887	2.2761	2.1422	2.0492	1.9803	1.9269	1.8841	1.8490	1.8195
40	2.8354	2.4404	2.2261	2.0909	1.9968	1.9269	1.8725	1.8289	1.7929	1.7627
50	2.8087	2.4120	2.1967	2.0608	1.9660	1.8954	1.8405	1.7963	1.7598	1.7291
60	2.7911	2.3933	2.1774	2.0410	1.9457	1.8747	1.8194	1.7748	1.7380	1.7070
70	2.7786	2.3800	2.1637	2.0269	1.9313	1.8600	1.8044	1.7596	1.7225	1.6913
80	2.7693	2.3701	2.1535	2.0165	1.9206	1.8491	1.7933	1.7483	1.7110	1.6796
90	2.7621	2.3625	2.1457	2.0084	1.9123	1.8406	1.7846	1.7395	1.7021	1.6705
100	2.7564	2.3564	2.1394	2.0019	1.9057	1.8339	1.7778	1.7324	1.6949	1.6632
110	2.7517	2.3515	2.1343	1.9967	1.9004	1.8284	1.7721	1.7267	1.6891	1.6573
120	2.7478	2.3473	2.1300	1.9923	1.8959	1.8238	1.7675	1.7220	1.6842	1.6524
∞	2.7055	2.3026	2.0838	1.9449	1.8473	1.7741	1.7167	1.6702	1.6315	1.5987

F-分布臨界值表

$P(F > F_{\alpha,v_1,v_2}) = \alpha = 0.10$

v_2 \ v_1	10	12	15	20	24	30	40	50	60	120	∞
1	60.1950	60.7052	61.2203	61.7403	62.0020	62.2650	62.5291	62.6881	62.7943	63.0606	63.3281
2	9.3916	9.4081	9.4247	9.4413	9.4496	9.4579	9.4662	9.4712	9.4746	9.4829	9.4912
3	5.2304	5.2156	5.2003	5.1845	5.1764	5.1681	5.1597	5.1546	5.1512	5.1425	5.1337
4	3.9199	3.8955	3.8704	3.8443	3.8310	3.8174	3.8036	3.7952	3.7896	3.7753	3.7607
5	3.2974	3.2682	3.2380	3.2067	3.1905	3.1741	3.1573	3.1471	3.1402	3.1228	3.1050
6	2.9369	2.9047	2.8712	2.8363	2.8183	2.8000	2.7812	2.7697	2.7620	2.7423	2.7222
7	2.7025	2.6681	2.6322	2.5947	2.5753	2.5555	2.5351	2.5226	2.5142	2.4928	2.4708
8	2.5380	2.5020	2.4642	2.4246	2.4041	2.3830	2.3614	2.3481	2.3391	2.3162	2.2926
9	2.4163	2.3789	2.3396	2.2983	2.2768	2.2547	2.2320	2.2180	2.2085	2.1843	2.1592
10	2.3226	2.2841	2.2435	2.2007	2.1784	2.1554	2.1317	2.1171	2.1072	2.0818	2.0554
11	2.2482	2.2087	2.1671	2.1230	2.1000	2.0762	2.0516	2.0364	2.0261	1.9997	1.9721
12	2.1878	2.1474	2.1049	2.0597	2.0360	2.0115	1.9861	1.9704	1.9597	1.9323	1.9036
13	2.1376	2.0966	2.0532	2.0070	1.9827	1.9576	1.9315	1.9153	1.9043	1.8759	1.8462
14	2.0954	2.0537	2.0095	1.9625	1.9377	1.9119	1.8852	1.8686	1.8572	1.8280	1.7973

v_2 \ v_1	10	12	15	20	24	30	40	50	60	120	∞
15	2.0593	2.0171	1.9722	1.9243	1.8990	1.8728	1.8454	1.8284	1.8168	1.7867	1.7551
16	2.0281	1.9854	1.9399	1.8913	1.8656	1.8388	1.8108	1.7934	1.7816	1.7507	1.7182
17	2.0009	1.9577	1.9117	1.8624	1.8362	1.8090	1.7805	1.7628	1.7506	1.7191	1.6856
18	1.9770	1.9333	1.8868	1.8368	1.8103	1.7827	1.7537	1.7356	1.7232	1.6910	1.6567
19	1.9557	1.9117	1.8647	1.8142	1.7873	1.7592	1.7298	1.7114	1.6988	1.6659	1.6308
20	1.9367	1.8924	1.8449	1.7938	1.7667	1.7382	1.7083	1.6896	1.6768	1.6433	1.6074
21	1.9197	1.8750	1.8271	1.7756	1.7481	1.7193	1.6890	1.6700	1.6569	1.6228	1.5862
22	1.9043	1.8593	1.8111	1.7590	1.7312	1.7021	1.6714	1.6521	1.6389	1.6041	1.5668
23	1.8903	1.8450	1.7964	1.7439	1.7159	1.6864	1.6554	1.6358	1.6224	1.5871	1.5490
24	1.8775	1.8319	1.7831	1.7302	1.7019	1.6721	1.6407	1.6209	1.6073	1.5715	1.5327
25	1.8658	1.8200	1.7708	1.7175	1.6890	1.6589	1.6272	1.6072	1.5934	1.5570	1.5176
26	1.8550	1.8090	1.7596	1.7059	1.6771	1.6468	1.6147	1.5945	1.5805	1.5437	1.5036
27	1.8451	1.7989	1.7492	1.6951	1.6662	1.6356	1.6032	1.5827	1.5686	1.5313	1.4906
28	1.8359	1.7895	1.7395	1.6852	1.6560	1.6252	1.5925	1.5718	1.5575	1.5198	1.4784
29	1.8274	1.7808	1.7306	1.6759	1.6465	1.6155	1.5825	1.5617	1.5472	1.5090	1.4670
30	1.8195	1.7727	1.7223	1.6673	1.6377	1.6065	1.5732	1.5522	1.5376	1.4989	1.4564
40	1.7627	1.7146	1.6624	1.6052	1.5741	1.5411	1.5056	1.4830	1.4672	1.4248	1.3769
50	1.7291	1.6802	1.6269	1.5681	1.5361	1.5018	1.4648	1.4409	1.4242	1.3789	1.3267
60	1.7070	1.6574	1.6034	1.5435	1.5107	1.4755	1.4373	1.4126	1.3952	1.3476	1.2915
70	1.6913	1.6413	1.5866	1.5259	1.4926	1.4567	1.4176	1.3922	1.3742	1.3246	1.2652
80	1.6796	1.6292	1.5741	1.5128	1.4790	1.4426	1.4027	1.3767	1.3583	1.3071	1.2446
90	1.6705	1.6199	1.5644	1.5025	1.4684	1.4315	1.3911	1.3646	1.3457	1.2932	1.2280
100	1.6632	1.6124	1.5566	1.4943	1.4600	1.4227	1.3817	1.3548	1.3356	1.2819	1.2142
110	1.6573	1.6063	1.5503	1.4877	1.4530	1.4154	1.3740	1.3468	1.3273	1.2725	1.2026
120	1.6524	1.6012	1.5450	1.4821	1.4472	1.4094	1.3676	1.3400	1.3203	1.2646	1.1926
∞	1.5987	1.5458	1.4871	1.4206	1.3832	1.3419	1.2951	1.2633	1.2399	1.1686	1.0000

F-分布臨界值表

$P(F > F_{\alpha,v_1,v_2}) = \alpha = 0.05$

v_2 \ v_1	1	2	3	4	5	6	7	8	9	10
1	161.4476	199.5000	215.7073	224.5832	230.1619	233.9860	236.7684	238.8827	240.5433	241.8817
2	18.5128	19.0000	19.1643	19.2468	19.2964	19.3295	19.3532	19.3710	19.3848	19.3959
3	10.1280	9.5521	9.2766	9.1172	9.0135	8.9406	8.8867	8.8452	8.8123	8.7855
4	7.7086	6.9443	6.5914	6.3882	6.2561	6.1631	6.0942	6.0410	5.9988	5.9644
5	6.6079	5.7861	5.4095	5.1922	5.0503	4.9503	4.8759	4.8183	4.7725	4.7351
6	5.9874	5.1433	4.7571	4.5337	4.3874	4.2839	4.2067	4.1468	4.0990	4.0600
7	5.5914	4.7374	4.3468	4.1203	3.9715	3.8660	3.7870	3.7257	3.6767	3.6365
8	5.3177	4.4590	4.0662	3.8379	3.6875	3.5806	3.5005	3.4381	3.3881	3.3472
9	5.1174	4.2565	3.8625	3.6331	3.4817	3.3738	3.2927	3.2296	3.1789	3.1373
10	4.9646	4.1028	3.7083	3.4780	3.3258	3.2172	3.1355	3.0717	3.0204	2.9782
11	4.8443	3.9823	3.5874	3.3567	3.2039	3.0946	3.0123	2.9480	2.8962	2.8536
12	4.7472	3.8853	3.4903	3.2592	3.1059	2.9961	2.9134	2.8486	2.7964	2.7534
13	4.6672	3.8056	3.4105	3.1791	3.0254	2.9153	2.8321	2.7669	2.7144	2.6710
14	4.6001	3.7389	3.3439	3.1122	2.9582	2.8477	2.7642	2.6987	2.6458	2.6022
15	4.5431	3.6823	3.2874	3.0556	2.9013	2.7905	2.7066	2.6408	2.5876	2.5437
16	4.4940	3.6337	3.2389	3.0069	2.8524	2.7413	2.6572	2.5911	2.5377	2.4935
17	4.4513	3.5915	3.1968	2.9647	2.8100	2.6987	2.6143	2.5480	2.4943	2.4499
18	4.4139	3.5546	3.1599	2.9277	2.7729	2.6613	2.5767	2.5102	2.4563	2.4117
19	4.3807	3.5219	3.1274	2.8951	2.7401	2.6283	2.5435	2.4768	2.4227	2.3779
20	4.3512	3.4928	3.0984	2.8661	2.7109	2.5990	2.5140	2.4471	2.3928	2.3479
21	4.3248	3.4668	3.0725	2.8401	2.6848	2.5727	2.4876	2.4205	2.3660	2.3210
22	4.3009	3.4434	3.0491	2.8167	2.6613	2.5491	2.4638	2.3965	2.3419	2.2967
23	4.2793	3.4221	3.0280	2.7955	2.6400	2.5277	2.4422	2.3748	2.3201	2.2747
24	4.2597	3.4028	3.0088	2.7763	2.6207	2.5082	2.4226	2.3551	2.3002	2.2547
25	4.2417	3.3852	2.9912	2.7587	2.6030	2.4904	2.4047	2.3371	2.2821	2.2365
26	4.2252	3.3690	2.9752	2.7426	2.5868	2.4741	2.3883	2.3205	2.2655	2.2197
27	4.2100	3.3541	2.9604	2.7278	2.5719	2.4591	2.3732	2.3053	2.2501	2.2043
28	4.1960	3.3404	2.9467	2.7141	2.5581	2.4453	2.3593	2.2913	2.2360	2.1900

ν_2 \ ν_1	1	2	3	4	5	6	7	8	9	10
29	4.1830	3.3277	2.9340	2.7014	2.5454	2.4324	2.3463	2.2783	2.2229	2.1768
30	4.1709	3.3158	2.9223	2.6896	2.5336	2.4205	2.3343	2.2662	2.2107	2.1646
40	4.0847	3.2317	2.8387	2.6060	2.4495	2.3359	2.2490	2.1802	2.1240	2.0772
50	4.0343	3.1826	2.7900	2.5572	2.4004	2.2864	2.1992	2.1299	2.0734	2.0261
60	4.0012	3.1504	2.7581	2.5252	2.3683	2.2541	2.1665	2.0970	2.0401	1.9926
70	3.9778	3.1277	2.7355	2.5027	2.3456	2.2312	2.1435	2.0737	2.0166	1.9689
80	3.9604	3.1108	2.7188	2.4859	2.3287	2.2142	2.1263	2.0564	1.9991	1.9512
90	3.9469	3.0977	2.7058	2.4729	2.3157	2.2011	2.1131	2.0430	1.9856	1.9376
100	3.9361	3.0873	2.6955	2.4626	2.3053	2.1906	2.1025	2.0323	1.9748	1.9267
110	3.9274	3.0788	2.6871	2.4542	2.2969	2.1821	2.0939	2.0236	1.9661	1.9178
120	3.9201	3.0718	2.6802	2.4472	2.2899	2.1750	2.0868	2.0164	1.9588	1.9105
∞	3.8415	2.9957	2.6049	2.3719	2.2141	2.0986	2.0096	1.9384	1.8799	1.8307

$\alpha = 0.05$

ν_2 \ ν_1	12	15	20	24	30	40	50	60	120	∞
1	243.9060	245.9499	248.0131	249.0518	250.0951	251.1432	251.7742	252.1957	253.2529	254.3144
2	19.4125	19.4291	19.4458	19.4541	19.4624	19.4707	19.4757	19.4791	19.4874	19.4957
3	8.7446	8.7029	8.6602	8.6385	8.6166	8.5944	8.5810	8.5720	8.5494	8.5265
4	5.9117	5.8578	5.8025	5.7744	5.7459	5.7170	5.6995	5.6877	5.6581	5.6281
5	4.6777	4.6188	4.5581	4.5272	4.4957	4.4638	4.4444	4.4314	4.3985	4.3650
6	3.9999	3.9381	3.8742	3.8415	3.8082	3.7743	3.7537	3.7398	3.7047	3.6689
7	3.5747	3.5107	3.4445	3.4105	3.3758	3.3404	3.3189	3.3043	3.2674	3.2298
8	3.2839	3.2184	3.1503	3.1152	3.0794	3.0428	3.0204	3.0053	2.9669	2.9276
9	3.0729	3.0061	2.9365	2.9005	2.8637	2.8259	2.8028	2.7872	2.7475	2.7067
10	2.9130	2.8450	2.7740	2.7372	2.6996	2.6609	2.6371	2.6211	2.5801	2.5379
11	2.7876	2.7186	2.6464	2.6090	2.5705	2.5309	2.5066	2.4901	2.4480	2.4045
12	2.6866	2.6169	2.5436	2.5055	2.4663	2.4259	2.4010	2.3842	2.3410	2.2962
13	2.6037	2.5331	2.4589	2.4202	2.3803	2.3392	2.3138	2.2966	2.2524	2.2064
14	2.5342	2.4630	2.3879	2.3487	2.3082	2.2664	2.2405	2.2229	2.1778	2.1307
15	2.4753	2.4034	2.3275	2.2878	2.2468	2.2043	2.1780	2.1601	2.1141	2.0658
16	2.4247	2.3522	2.2756	2.2354	2.1938	2.1507	2.1240	2.1058	2.0589	2.0096
17	2.3807	2.3077	2.2304	2.1898	2.1477	2.1040	2.0769	2.0584	2.0107	1.9604
18	2.3421	2.2686	2.1906	2.1497	2.1071	2.0629	2.0354	2.0166	1.9681	1.9168
19	2.3080	2.2341	2.1555	2.1141	2.0712	2.0264	1.9986	1.9795	1.9302	1.8780
20	2.2776	2.2033	2.1242	2.0825	2.0391	1.9938	1.9656	1.9464	1.8963	1.8432
21	2.2504	2.1757	2.0960	2.0540	2.0102	1.9645	1.9360	1.9165	1.8657	1.8117
22	2.2258	2.1508	2.0707	2.0283	1.9842	1.9380	1.9092	1.8894	1.8380	1.7831
23	2.2036	2.1282	2.0476	2.0050	1.9605	1.9139	1.8848	1.8648	1.8128	1.7570
24	2.1834	2.1077	2.0267	1.9838	1.9390	1.8920	1.8625	1.8424	1.7896	1.7330
25	2.1649	2.0889	2.0075	1.9643	1.9192	1.8718	1.8421	1.8217	1.7684	1.7110
26	2.1479	2.0716	1.9898	1.9464	1.9010	1.8533	1.8233	1.8027	1.7488	1.6906
27	2.1323	2.0558	1.9736	1.9299	1.8842	1.8361	1.8059	1.7851	1.7306	1.6717
28	2.1179	2.0411	1.9586	1.9147	1.8687	1.8203	1.7898	1.7689	1.7138	1.6541
29	2.1045	2.0275	1.9446	1.9005	1.8543	1.8055	1.7748	1.7537	1.6981	1.6376
30	2.0921	2.0148	1.9317	1.8874	1.8409	1.7918	1.7609	1.7396	1.6835	1.6223
40	2.0035	1.9245	1.8389	1.7929	1.7444	1.6928	1.6600	1.6373	1.5766	1.5089
50	1.9515	1.8714	1.7841	1.7371	1.6872	1.6337	1.5995	1.5757	1.5115	1.4383
60	1.9174	1.8364	1.7480	1.7001	1.6491	1.5943	1.5590	1.5343	1.4673	1.3893
70	1.8932	1.8117	1.7223	1.6738	1.6220	1.5661	1.5300	1.5046	1.4351	1.3529
80	1.8753	1.7932	1.7032	1.6542	1.6017	1.5449	1.5081	1.4821	1.4107	1.3247
90	1.8613	1.7789	1.6883	1.6389	1.5859	1.5284	1.4910	1.4645	1.3914	1.3020
100	1.8503	1.7675	1.6764	1.6267	1.5733	1.5151	1.4772	1.4504	1.3757	1.2832
110	1.8412	1.7582	1.6667	1.6167	1.5630	1.5043	1.4660	1.4388	1.3628	1.2674
120	1.8337	1.7505	1.6587	1.6084	1.5543	1.4952	1.4565	1.4290	1.3519	1.2539
∞	1.7522	1.6664	1.5705	1.5173	1.4591	1.3940	1.3501	1.3180	1.2214	1.0007

F-分布臨界值表

$P(F > F_{\alpha,v_1,v_2}) = \alpha = 0.025$

v_2 \ v_1	1	2	3	4	5	6	7	8	9	10	11	12
1	647.7890	799.5000	864.1630	899.5833	921.8479	937.1111	948.2169	956.6562	963.2846	968.6274	973.0252	976.7079
2	38.5063	39.0000	39.1655	39.2484	39.2982	39.3315	39.3552	39.3730	39.3869	39.3980	39.4071	39.4146
3	17.4434	4.6189	9.9792	4.7181	9.3645	4.3197	9.0741	4.1020	8.9047	4.2951	8.7935	4.1997
4	12.2179	10.6491	9.9792	9.6045	9.3645	9.1973	9.0741	8.9796	8.9047	8.8439	8.7935	8.7512
5	10.0070	8.4336	7.7636	7.3879	7.1464	6.9777	6.8531	6.7572	6.6811	6.6192	6.5678	6.5245
6	8.8131	7.2599	6.5988	6.2272	5.9876	5.8198	5.6955	5.5996	5.5234	5.4613	5.4098	5.3662
7	8.0727	6.5415	5.8898	5.5226	5.2852	5.1186	4.9949	4.8993	4.8232	4.7611	4.7095	4.6658
8	7.5709	6.0595	5.4160	5.0526	4.8173	4.6517	4.5286	4.4333	4.3572	4.2951	4.2434	4.1997
9	7.2093	5.7147	5.0781	4.7181	4.4844	4.3197	4.1970	4.1020	4.0260	3.9639	3.9121	3.8682
10	6.9367	5.4564	4.8256	4.4683	4.2361	4.0721	3.9498	3.8549	3.7790	3.7168	3.6649	3.6209
11	6.7241	5.2559	4.6300	4.2751	4.0440	3.8807	3.7586	3.6638	3.5879	3.5257	3.4737	3.4296
12	6.5538	5.0959	4.4742	4.1212	3.8911	3.7283	3.6065	3.5118	3.4358	3.3736	3.3215	3.2773
13	6.4143	4.9653	4.3472	3.9959	3.7667	3.6043	3.4827	3.3880	3.3120	3.2497	3.1975	3.1532
14	6.2979	4.8567	4.2417	3.8919	3.6634	3.5014	3.3799	3.2853	3.2093	3.1469	3.0946	3.0502
15	6.1995	4.7650	4.1528	3.8043	3.5764	3.4147	3.2934	3.1987	3.1227	3.0602	3.0078	2.9633
16	6.1151	4.6867	4.0768	3.7294	3.5021	3.3406	3.2194	3.1248	3.0488	2.9862	2.9337	2.8890
17	6.0420	4.6189	4.0112	3.6648	3.4379	3.2767	3.1556	3.0610	2.9849	2.9222	2.8696	2.8249
18	5.9781	4.5597	3.9539	3.6083	3.3820	3.2209	3.0999	3.0053	2.9291	2.8664	2.8137	2.7689
19	5.9216	4.5075	3.9034	3.5587	3.3327	3.1718	3.0509	2.9563	2.8801	2.8172	2.7645	2.7196
20	5.8715	4.4613	3.8587	3.5147	3.2891	3.1283	3.0074	2.9128	2.8365	2.7737	2.7209	2.6758
21	5.8266	4.4199	3.8188	3.4754	3.2501	3.0895	2.9686	2.8740	2.7977	2.7348	2.6819	2.6368
22	5.7863	4.3828	3.7829	3.4401	3.2151	3.0546	2.9338	2.8392	2.7628	2.6998	2.6469	2.6017
23	5.7498	4.3492	3.7505	3.4083	3.1835	3.0232	2.9023	2.8077	2.7313	2.6682	2.6152	2.5699
24	5.7166	4.3187	3.7211	3.3794	3.1548	2.9946	2.8738	2.7791	2.7027	2.6396	2.5865	2.5411
25	5.6864	4.2909	3.6943	3.3530	3.1287	2.9685	2.8478	2.7531	2.6766	2.6135	2.5603	2.5149
26	5.6586	4.2655	3.6697	3.3289	3.1048	2.9447	2.8240	2.7293	2.6528	2.5896	2.5363	2.4908
27	5.6331	4.2421	3.6472	3.3067	3.0828	2.9228	2.8021	2.7074	2.6309	2.5676	2.5143	2.4688
28	5.6096	4.2205	3.6264	3.2863	3.0626	2.9027	2.7820	2.6872	2.6106	2.5473	2.4940	2.4484
29	5.5878	4.2006	3.6072	3.2674	3.0438	2.8840	2.7633	2.6686	2.5919	2.5286	2.4752	2.4295
30	5.5675	4.1821	3.5894	3.2499	3.0265	2.8667	2.7460	2.6513	2.5746	2.5112	2.4577	2.4120
40	5.4239	4.0510	3.4633	3.1261	2.9037	2.7444	2.6238	2.5289	2.4519	2.3882	2.3343	2.2882
50	5.3403	3.9749	3.3902	3.0544	2.8327	2.6736	2.5530	2.4579	2.3808	2.3168	2.2627	2.2162
60	5.2856	3.9253	3.3425	3.0077	2.7863	2.6274	2.5068	2.4117	2.3344	2.2702	2.2159	2.1692
70	5.2470	3.8903	3.3090	2.9748	2.7537	2.5949	2.4743	2.3791	2.3017	2.2374	2.1829	2.1361
80	5.2184	3.8643	3.2841	2.9504	2.7295	2.5708	2.4502	2.3549	2.2775	2.2130	2.1584	2.1115
90	5.1962	3.8443	3.2649	2.9315	2.7109	2.5522	2.4316	2.3363	2.2588	2.1942	2.1395	2.0925
100	5.1786	3.8284	3.2496	2.9166	2.6961	2.5374	2.4168	2.3215	2.2439	2.1793	2.1245	2.0773
110	5.1642	3.8154	3.2372	2.9044	2.6840	2.5254	2.4048	2.3094	2.2318	2.1671	2.1123	2.0650
120	5.1523	3.8046	3.2269	2.8943	2.6740	2.5154	2.3948	2.2994	2.2217	2.1570	2.1021	2.0548
140	5.1337	3.7878	3.2108	2.8785	2.6583	2.4998	2.3792	2.2838	2.2060	2.1412	2.0862	2.0388
160	5.1198	3.7753	3.1988	2.8667	2.6467	2.4882	2.3675	2.2721	2.1943	2.1294	2.0744	2.0269
180	5.1090	3.7655	3.1894	2.8576	2.6376	2.4792	2.3585	2.2630	2.1852	2.1203	2.0652	2.0177
200	5.1004	3.7578	3.1820	2.8503	2.6304	2.4720	2.3513	2.2558	2.1780	2.1130	2.0578	2.0103
∞	5.0239	3.6889	3.1161	2.7858	2.5665	2.4082	2.2875	2.1918	2.1136	2.0483	1.9927	1.9447

F-分布臨界值表

$P(F > F_{\alpha,v_1,v_2}) = \alpha = 0.025$

v_2 \ v_1	13	14	15	20	30	40	50	60	100	120	∞
1	979.8368	982.5278	984.8668	993.1028	1001.4144	1005.5981	1008.1171	1009.8001	1013.1748	1014.0202	1018.2274
2	39.4210	39.4265	39.4313	39.4479	39.4646	39.4729	39.4779	39.4812	39.4879	39.4896	39.4977
3	8.7150	4.1297	8.6565	3.9995	14.0805	2.6742	39.4779	1.8133	1013.1748	1.2895	1018.2274
4	8.7150	8.6838	8.6565	8.5599	8.4613	8.4111	8.3808	8.3604	8.3195	8.3092	8.2573
5	6.4876	6.4556	6.4277	6.3286	6.2269	6.1750	6.1436	6.1225	6.0800	6.0693	6.0153
6	5.3290	5.2968	5.2687	5.1684	5.0652	5.0125	4.9804	4.9589	4.9154	4.9044	4.8491
7	4.6285	4.5961	4.5678	4.4667	4.3624	4.3089	4.2763	4.2544	4.2101	4.1989	4.1423
8	4.1622	4.1297	4.1012	3.9995	3.8940	3.8398	3.8067	3.7844	3.7393	3.7279	3.6702
9	3.8306	3.7980	3.7694	3.6669	3.5604	3.5055	3.4719	3.4493	3.4034	3.3918	3.3328
10	3.5832	3.5504	3.5217	3.4185	3.3110	3.2554	3.2214	3.1984	3.1517	3.1399	3.0798
11	3.3917	3.3588	3.3299	3.2261	3.1176	3.0613	3.0268	3.0035	2.9561	2.9441	2.8828
12	3.2393	3.2062	3.1772	3.0728	2.9633	2.9063	2.8714	2.8478	2.7996	2.7874	2.7249
13	3.1150	3.0819	3.0527	2.9477	2.8372	2.7797	2.7443	2.7204	2.6715	2.6590	2.5955
14	3.0119	2.9786	2.9493	2.8437	2.7324	2.6742	2.6384	2.6142	2.5646	2.5519	2.4872

v_2 \ v_1	13	14	15	20	30	40	50	60	100	120	∞
15	2.9249	2.8915	2.8621	2.7559	2.6437	2.5850	2.5488	2.5242	2.4739	2.4611	2.3953
16	2.8506	2.8170	2.7875	2.6808	2.5678	2.5085	2.4719	2.4471	2.3961	2.3831	2.3163
17	2.7863	2.7526	2.7230	2.6158	2.5020	2.4422	2.4053	2.3801	2.3285	2.3153	2.2474
18	2.7302	2.6964	2.6667	2.5590	2.4445	2.3842	2.3468	2.3214	2.2692	2.2558	2.1869
19	2.6808	2.6469	2.6171	2.5089	2.3937	2.3329	2.2952	2.2696	2.2167	2.2032	2.1333
20	2.6369	2.6030	2.5731	2.4645	2.3486	2.2873	2.2493	2.2234	2.1699	2.1562	2.0853
21	2.5978	2.5638	2.5338	2.4247	2.3082	2.2465	2.2081	2.1819	2.1280	2.1141	2.0422
22	2.5626	2.5285	2.4984	2.3890	2.2718	2.2097	2.1710	2.1446	2.0901	2.0760	2.0032
23	2.5308	2.4966	2.4665	2.3567	2.2389	2.1763	2.1374	2.1107	2.0557	2.0415	1.9677
24	2.5019	2.4677	2.4374	2.3273	2.2090	2.1460	2.1067	2.0799	2.0243	2.0099	1.9353
25	2.4756	2.4413	2.4110	2.3005	2.1816	2.1183	2.0787	2.0516	1.9955	1.9811	1.9055
26	2.4515	2.4171	2.3867	2.2759	2.1565	2.0928	2.0530	2.0257	1.9691	1.9545	1.8781
27	2.4293	2.3949	2.3644	2.2533	2.1334	2.0693	2.0293	2.0018	1.9447	1.9299	1.8527
28	2.4089	2.3743	2.3438	2.2324	2.1121	2.0477	2.0073	1.9797	1.9221	1.9072	1.8291
29	2.3900	2.3554	2.3248	2.2131	2.0923	2.0276	1.9870	1.9591	1.9011	1.8861	1.8072
30	2.3724	2.3378	2.3072	2.1952	2.0739	2.0089	1.9681	1.9400	1.8816	1.8664	1.7867
40	2.2481	2.2130	2.1819	2.0677	1.9429	1.8752	1.8324	1.8028	1.7405	1.7242	1.6371
50	2.1758	2.1404	2.1090	1.9933	1.8659	1.7963	1.7520	1.7211	1.6558	1.6386	1.5452
60	2.1286	2.0929	2.0613	1.9445	1.8152	1.7440	1.6985	1.6668	1.5990	1.5810	1.4821
70	2.0953	2.0595	2.0277	1.9100	1.7792	1.7069	1.6604	1.6279	1.5581	1.5394	1.4357
80	2.0706	2.0346	2.0026	1.8843	1.7523	1.6790	1.6318	1.5987	1.5271	1.5079	1.3997
90	2.0515	2.0154	1.9833	1.8644	1.7315	1.6574	1.6095	1.5758	1.5028	1.4831	1.3710
100	2.0363	2.0001	1.9679	1.8486	1.7148	1.6401	1.5917	1.5575	1.4833	1.4631	1.3473
110	2.0239	1.9876	1.9554	1.8356	1.7013	1.6259	1.5771	1.5425	1.4671	1.4466	1.3274
120	2.0136	1.9773	1.9450	1.8249	1.6899	1.6141	1.5649	1.5299	1.4536	1.4327	1.3104
140	1.9975	1.9611	1.9287	1.8081	1.6722	1.5956	1.5456	1.5101	1.4321	1.4106	1.2828
160	1.9855	1.9490	1.9165	1.7955	1.6589	1.5817	1.5312	1.4952	1.4158	1.3938	1.2611
180	1.9762	1.9396	1.9071	1.7858	1.6485	1.5708	1.5199	1.4835	1.4030	1.3806	1.2436
200	1.9688	1.9322	1.8996	1.7780	1.6403	1.5621	1.5108	1.4742	1.3927	1.3700	1.2290
∞	1.9027	1.8656	1.8326	1.7085	1.5660	1.4835	1.4284	1.3883	1.2956	1.2684	1.0009

F-分布臨界值表

$P(F > F_{\alpha,v_1,v_2}) = \alpha = 0.01$

v_2 \ v_1	1	2	3	4	5	6	7	8	9	10
1	4052.1807	4999.5000	5403.3520	5624.5833	5763.6496	5858.9861	5928.3557	5981.0703	6022.4732	6055.8467
2	98.5025	99.0000	99.1662	99.2494	99.2993	99.3326	99.3564	99.3742	99.3881	99.3992
3	34.1162	30.8165	29.4567	28.7099	28.2371	27.9107	27.6717	27.4892	27.3452	27.2287
4	21.1977	18.0000	16.6944	15.9770	15.5219	15.2069	14.9758	14.7989	14.6591	14.5459
5	16.2582	13.2739	12.0600	11.3919	10.9670	10.6723	10.4555	10.2893	10.1578	10.0510
6	13.7450	10.9248	9.7795	9.1483	8.7459	8.4661	8.2600	8.1017	7.9761	7.8741
7	12.2464	9.5466	8.4513	7.8466	7.4604	7.1914	6.9928	6.8400	6.7188	6.6201
8	11.2586	8.6491	7.5910	7.0061	6.6318	6.3707	6.1776	6.0289	5.9106	5.8143
9	10.5614	8.0215	6.9919	6.4221	6.0569	5.8018	5.6129	5.4671	5.3511	5.2565
10	10.0443	7.5594	6.5523	5.9943	5.6363	5.3858	5.2001	5.0567	4.9424	4.8491
11	9.6460	7.2057	6.2167	5.6683	5.3160	5.0692	4.8861	4.7445	4.6315	4.5393
12	9.3302	6.9266	5.9525	5.4120	5.0643	4.8206	4.6395	4.4994	4.3875	4.2961
13	9.0738	6.7010	5.7394	5.2053	4.8616	4.6204	4.4410	4.3021	4.1911	4.1003
14	8.8616	6.5149	5.5639	5.0354	4.6950	4.4558	4.2779	4.1399	4.0297	3.9394
15	8.6831	6.3589	5.4170	4.8932	4.5556	4.3183	4.1415	4.0045	3.8948	3.8049
16	8.5310	6.2262	5.2922	4.7726	4.4374	4.2016	4.0259	3.8896	3.7804	3.6909
17	8.3997	6.1121	5.1850	4.6690	4.3359	4.1015	3.9267	3.7910	3.6822	3.5931
18	8.2854	6.0129	5.0919	4.5790	4.2479	4.0146	3.8406	3.7054	3.5971	3.5082
19	8.1849	5.9259	5.0103	4.5003	4.1708	3.9386	3.7653	3.6305	3.5225	3.4338
20	8.0960	5.8489	4.9382	4.4307	4.1027	3.8714	3.6987	3.5644	3.4567	3.3682
21	8.0166	5.7804	4.8740	4.3688	4.0421	3.8117	3.6396	3.5056	3.3981	3.3098
22	7.9454	5.7190	4.8166	4.3134	3.9880	3.7583	3.5867	3.4530	3.3458	3.2576
23	7.8811	5.6637	4.7649	4.2636	3.9392	3.7102	3.5390	3.4057	3.2986	3.2106
24	7.8229	5.6136	4.7181	4.2184	3.8951	3.6667	3.4959	3.3629	3.2560	3.1681
25	7.7698	5.5680	4.6755	4.1774	3.8550	3.6272	3.4568	3.3239	3.2172	3.1294
26	7.7213	5.5263	4.6366	4.1400	3.8183	3.5911	3.4210	3.2884	3.1818	3.0941
27	7.6767	5.4881	4.6009	4.1056	3.7848	3.5580	3.3882	3.2558	3.1494	3.0618
28	7.6356	5.4529	4.5681	4.0740	3.7539	3.5276	3.3581	3.2259	3.1195	3.0320
29	7.5977	5.4204	4.5378	4.0449	3.7254	3.4995	3.3303	3.1982	3.0920	3.0045
30	7.5625	5.3903	4.5097	4.0179	3.6990	3.4735	3.3045	3.1726	3.0665	2.9791

v_2 \ v_1	1	2	3	4	5	6	7	8	9	10
40	7.3141	5.1785	4.3126	3.8283	3.5138	3.2910	3.1238	2.9930	2.8876	2.8005
50	7.1706	5.0566	4.1993	3.7195	3.4077	3.1864	3.0202	2.8900	2.7850	2.6981
60	7.0771	4.9774	4.1259	3.6490	3.3389	3.1187	2.9530	2.8233	2.7185	2.6318
70	7.0114	4.9219	4.0744	3.5996	3.2907	3.0712	2.9060	2.7765	2.6719	2.5852
80	6.9627	4.8807	4.0363	3.5631	3.2550	3.0361	2.8713	2.7420	2.6374	2.5508
90	6.9251	4.8491	4.0070	3.5350	3.2276	3.0091	2.8445	2.7154	2.6109	2.5243
100	6.8953	4.8239	3.9837	3.5127	3.2059	2.9877	2.8233	2.6943	2.5898	2.5033
110	6.8710	4.8035	3.9648	3.4946	3.1882	2.9703	2.8061	2.6771	2.5727	2.4862
120	6.8509	4.7865	3.9491	3.4795	3.1735	2.9559	2.7918	2.6629	2.5586	2.4721
∞	6.6349	4.6052	3.7816	3.3192	3.0173	2.8020	2.6393	2.5113	2.4073	2.3209

$\alpha = 0.01$

v_2 \ v_1	12	15	20	24	30	40	50	60	120	∞
1	6106.3207	6157.2846	6208.7302	6234.6309	6260.6486	6286.7821	6302.5172	6313.0301	6339.3913	6365.8641
2	99.4159	99.4325	99.4492	99.4575	99.4658	99.4742	99.4792	99.4825	99.4908	99.4992
3	27.0518	26.8722	26.6898	26.5975	26.5045	26.4108	26.3542	26.3164	26.2211	26.1252
4	14.3736	14.1982	14.0196	13.9291	13.8377	13.7454	13.6896	13.6522	13.5581	13.4631
5	9.8883	9.7222	9.5526	9.4665	9.3793	9.2912	9.2378	9.2020	9.1118	9.0204
6	7.7183	7.5590	7.3958	7.3127	7.2285	7.1432	7.0915	7.0567	6.9690	6.8800
7	6.4691	6.3143	6.1554	6.0743	5.9920	5.9084	5.8577	5.8236	5.7373	5.6495
8	5.6667	5.5151	5.3591	5.2793	5.1981	5.1156	5.0654	5.0316	4.9461	4.8588
9	5.1114	4.9621	4.8080	4.7290	4.6486	4.5666	4.5167	4.4831	4.3978	4.3106
10	4.7059	4.5581	4.4054	4.3269	4.2469	4.1653	4.1155	4.0819	3.9965	3.9090
11	4.3974	4.2509	4.0990	4.0209	3.9411	3.8596	3.8097	3.7761	3.6904	3.6024
12	4.1553	4.0096	3.8584	3.7805	3.7008	3.6192	3.5692	3.5355	3.4494	3.3608
13	3.9603	3.8154	3.6646	3.5868	3.5070	3.4253	3.3752	3.3413	3.2548	3.1654
14	3.8001	3.6557	3.5052	3.4274	3.3476	3.2656	3.2153	3.1813	3.0942	3.0040
15	3.6662	3.5222	3.3719	3.2940	3.2141	3.1319	3.0814	3.0471	2.9595	2.8684
16	3.5527	3.4089	3.2587	3.1808	3.1007	3.0182	2.9675	2.9330	2.8447	2.7528
17	3.4552	3.3117	3.1615	3.0835	3.0032	2.9205	2.8694	2.8348	2.7459	2.6530
18	3.3706	3.2273	3.0771	2.9990	2.9185	2.8354	2.7841	2.7493	2.6597	2.5660
19	3.2965	3.1533	3.0031	2.9249	2.8442	2.7608	2.7093	2.6742	2.5839	2.4893
20	3.2311	3.0880	2.9377	2.8594	2.7785	2.6947	2.6430	2.6077	2.5168	2.4212
21	3.1730	3.0300	2.8796	2.8010	2.7200	2.6359	2.5838	2.5484	2.4568	2.3603
22	3.1209	2.9779	2.8274	2.7488	2.6675	2.5831	2.5308	2.4951	2.4029	2.3055
23	3.0740	2.9311	2.7805	2.7017	2.6202	2.5355	2.4829	2.4471	2.3542	2.2559
24	3.0316	2.8887	2.7380	2.6591	2.5773	2.4923	2.4395	2.4035	2.3100	2.2107
25	2.9931	2.8502	2.6993	2.6203	2.5383	2.4530	2.3999	2.3637	2.2696	2.1694
26	2.9578	2.8150	2.6640	2.5848	2.5026	2.4170	2.3637	2.3273	2.2325	2.1315
27	2.9256	2.7827	2.6316	2.5522	2.4699	2.3840	2.3304	2.2938	2.1985	2.0965
28	2.8959	2.7530	2.6017	2.5223	2.4397	2.3535	2.2997	2.2629	2.1670	2.0642
29	2.8685	2.7256	2.5742	2.4946	2.4118	2.3253	2.2714	2.2344	2.1379	2.0342
30	2.8431	2.7002	2.5487	2.4689	2.3860	2.2992	2.2450	2.2079	2.1108	2.0062
40	2.6648	2.5216	2.3689	2.2880	2.2034	2.1142	2.0581	2.0194	1.9172	1.8047
50	2.5625	2.4190	2.2652	2.1835	2.0976	2.0066	1.9490	1.9090	1.8026	1.6831
60	2.4961	2.3523	2.1978	2.1154	2.0285	1.9360	1.8772	1.8363	1.7263	1.6006
70	2.4496	2.3055	2.1504	2.0674	1.9797	1.8861	1.8263	1.7846	1.6717	1.5404
80	2.4151	2.2709	2.1153	2.0318	1.9435	1.8489	1.7883	1.7459	1.6305	1.4942
90	2.3886	2.2442	2.0882	2.0044	1.9155	1.8201	1.7588	1.7158	1.5982	1.4574
100	2.3676	2.2230	2.0666	1.9826	1.8933	1.7972	1.7353	1.6918	1.5723	1.4273
110	2.3505	2.2058	2.0491	1.9648	1.8751	1.7784	1.7160	1.6721	1.5509	1.4020
120	2.3363	2.1915	2.0346	1.9500	1.8600	1.7628	1.7000	1.6557	1.5330	1.3805
∞	2.1847	2.0385	1.8783	1.7908	1.6964	1.5923	1.5231	1.4730	1.3246	1.0010

F-分布臨界值表

$P(F > F_{\alpha,v_1,v_2}) = \alpha = 0.005$

v_2 \ v_1	1	2	3	4	5	6	7	8	9	10
1	16210.7227	19999.5000	21614.7414	22499.5833	23055.7982	23437.1111	23714.5658	23925.4062	24091.0041	24224.4868
2	198.5013	199.0000	199.1664	199.2497	199.2996	199.3330	199.3568	199.3746	199.3885	199.3996
3	55.5520	49.7993	47.4672	46.1946	45.3916	44.8385	44.4341	44.1256	43.8824	43.6858
4	31.3328	26.2843	24.2591	23.1545	22.4564	21.9746	21.6217	21.3520	21.1391	20.9667
5	22.7848	18.3138	16.5298	15.5561	14.9396	14.5133	14.2004	13.9610	13.7716	13.6182
6	18.6350	14.5441	12.9166	12.0275	11.4637	11.0730	10.7859	10.5658	10.3915	10.2500

v_2 \ v_1	1	2	3	4	5	6	7	8	9	10
7	16.2356	12.4040	10.8824	10.0505	9.5221	9.1553	8.8854	8.6781	8.5138	8.3803
8	14.6882	11.0424	9.5965	8.8051	8.3018	7.9520	7.6941	7.4959	7.3386	7.2106
9	13.6136	10.1067	8.7171	7.9559	7.4712	7.1339	6.8849	6.6933	6.5411	6.4172
10	12.8265	9.4270	8.0807	7.3428	6.8724	6.5446	6.3025	6.1159	5.9676	5.8467
11	12.2263	8.9122	7.6004	6.8809	6.4217	6.1016	5.8648	5.6821	5.5368	5.4183
12	11.7542	8.5096	7.2258	6.5211	6.0711	5.7570	5.5245	5.3451	5.2021	5.0855
13	11.3735	8.1865	6.9258	6.2335	5.7910	5.4819	5.2529	5.0761	4.9351	4.8199
14	11.0603	7.9216	6.6804	5.9984	5.5623	5.2574	5.0313	4.8566	4.7173	4.6034
15	10.7980	7.7008	6.4760	5.8029	5.3721	5.0708	4.8473	4.6744	4.5364	4.4235
16	10.5755	7.5138	6.3034	5.6378	5.2117	4.9134	4.6920	4.5207	4.3838	4.2719
17	10.3842	7.3536	6.1556	5.4967	5.0746	4.7789	4.5594	4.3894	4.2535	4.1424
18	10.2181	7.2148	6.0278	5.3746	4.9560	4.6627	4.4448	4.2759	4.1410	4.0305
19	10.0725	7.0935	5.9161	5.2681	4.8526	4.5614	4.3448	4.1770	4.0428	3.9329
20	9.9439	6.9865	5.8177	5.1743	4.7616	4.4721	4.2569	4.0900	3.9564	3.8470
30	9.1797	6.3547	5.2388	4.6234	4.2276	3.9492	3.7416	3.5801	3.4505	3.3440
40	8.8279	6.0664	4.9758	4.3738	3.9860	3.7129	3.5088	3.3498	3.2220	3.1167
50	8.6258	5.9016	4.8259	4.2316	3.8486	3.5785	3.3765	3.2189	3.0920	2.9875
60	8.4946	5.7950	4.7290	4.1399	3.7599	3.4918	3.2911	3.1344	3.0083	2.9042
80	8.3346	5.6652	4.6113	4.0285	3.6524	3.3867	3.1876	3.0320	2.9066	2.8031
100	8.2406	5.5892	4.5424	3.9634	3.5895	3.3252	3.1271	2.9722	2.8472	2.7440
120	8.1788	5.5393	4.4972	3.9207	3.5482	3.2849	3.0874	2.9330	2.8083	2.7052
200	8.0572	5.4412	4.4084	3.8368	3.4674	3.2059	3.0097	2.8560	2.7319	2.6292
∞	7.8794	5.2983	4.2794	3.7151	3.3499	3.0913	2.8968	2.7444	2.6210	2.5188

$\alpha = 0.005$

v_2 \ v_1	12	13	15	20	40	60	80	100	120	∞
1	24426.3662	24504.5356	24630.2051	24835.9709	25148.1532	25253.1369	25305.7989	25337.4502	25358.5734	25464.4604
2	199.4163	199.4227	199.4329	199.4496	199.4746	199.4829	199.4871	199.4896	199.4912	199.4996
3	43.3874	43.2715	43.0847	42.7775	42.3082	42.1494	42.0696	42.0216	41.9895	41.8283
4	20.7047	20.6027	20.4383	20.1673	19.7518	19.6107	19.5397	19.4970	19.4684	19.3247
5	13.3845	13.2934	13.1463	12.9035	12.5297	12.4024	12.3383	12.2996	12.2737	12.1435
6	10.0343	9.9501	9.8140	9.5888	9.2408	9.1219	9.0619	9.0257	9.0015	8.8793
7	8.1764	8.0967	7.9678	7.7540	7.4224	7.3088	7.2513	7.2165	7.1933	7.0760
8	7.0149	6.9384	6.8143	6.6082	6.2875	6.1772	6.1213	6.0875	6.0649	5.9506
9	6.2274	6.1530	6.0325	5.8318	5.5186	5.4104	5.3555	5.3223	5.3001	5.1875
10	5.6613	5.5887	5.4707	5.2740	4.9659	4.8592	4.8050	4.7721	4.7501	4.6385
11	5.2363	5.1649	5.0489	4.8552	4.5508	4.4450	4.3912	4.3585	4.3367	4.2255
12	4.9062	4.8358	4.7213	4.5299	4.2282	4.1229	4.0693	4.0368	4.0149	3.9039
13	4.6429	4.5733	4.4600	4.2703	3.9704	3.8655	3.8120	3.7795	3.7577	3.6465
14	4.4281	4.3591	4.2468	4.0585	3.7600	3.6552	3.6017	3.5692	3.5473	3.4359
15	4.2497	4.1813	4.0698	3.8826	3.5850	3.4803	3.4267	3.3941	3.3722	3.2602
16	4.0994	4.0314	3.9205	3.7342	3.4372	3.3324	3.2787	3.2460	3.2240	3.1115
17	3.9709	3.9033	3.7929	3.6073	3.3108	3.2058	3.1520	3.1192	3.0971	2.9839
18	3.8599	3.7926	3.6827	3.4977	3.2014	3.0962	3.0422	3.0093	2.9871	2.8732
19	3.7631	3.6961	3.5866	3.4020	3.1058	3.0004	2.9462	2.9131	2.8908	2.7762
20	3.6779	3.6111	3.5020	3.3178	3.0215	2.9159	2.8614	2.8282	2.8058	2.6904
30	3.1787	3.1132	3.0057	2.8230	2.5241	2.4151	2.3584	2.3234	2.2998	2.1760
40	2.9531	2.8880	2.7811	2.5984	2.2958	2.1838	2.1249	2.0884	2.0636	1.9318
50	2.8247	2.7599	2.6531	2.4702	2.1644	2.0499	1.9891	1.9512	1.9254	1.7863
60	2.7419	2.6771	2.5705	2.3872	2.0789	1.9622	1.8998	1.8609	1.8341	1.6885
80	2.6413	2.5767	2.4700	2.2862	1.9739	1.8540	1.7892	1.7484	1.7203	1.5634
100	2.5825	2.5180	2.4113	2.2270	1.9119	1.7896	1.7231	1.6809	1.6516	1.4853
120	2.5439	2.4794	2.3727	2.1881	1.8709	1.7469	1.6789	1.6357	1.6055	1.4311
200	2.4683	2.4038	2.2970	2.1116	1.7897	1.6614	1.5902	1.5442	1.5118	1.3137
∞	2.3583	2.2938	2.1868	1.9998	1.6691	1.5325	1.4540	1.4017	1.3637	1.0005

鄧肯法臨界值表或鄧氏多變域臨界值表

$Q_{\alpha,k,v=n_t-k}$(k =欲檢定的母體(平均值)之數量，$v = df =$ 誤差項自由度; $\alpha = 0.05$)

df \ k	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	17.969	17.969	17.969	17.969	17.969	17.969	17.969	17.969	17.969	17.969	17.969	17.969	17.969	17.969	17.969	17.969	17.969	17.969	17.969
2	6.085	6.085	6.085	6.085	6.085	6.085	6.085	6.085	6.085	6.085	6.085	6.085	6.085	6.085	6.085	6.085	6.085	6.085	6.085
3	4.501	4.516	4.516	4.516	4.516	4.516	4.516	4.516	4.516	4.516	4.516	4.516	4.516	4.516	4.516	4.516	4.516	4.516	4.516
4	3.926	4.013	4.033	4.033	4.033	4.033	4.033	4.033	4.033	4.033	4.033	4.033	4.033	4.033	4.033	4.033	4.033	4.033	4.033
5	3.635	3.749	3.796	3.814	3.814	3.814	3.814	3.814	3.814	3.814	3.814	3.814	3.814	3.814	3.814	3.814	3.814	3.814	3.814
6	3.460	3.586	3.649	3.680	3.694	3.697	3.697	3.697	3.697	3.697	3.697	3.697	3.697	3.697	3.697	3.697	3.697	3.697	3.697
7	3.344	3.477	3.548	3.588	3.611	3.622	3.625	3.625	3.625	3.625	3.625	3.625	3.625	3.625	3.625	3.625	3.625	3.625	3.625
8	3.261	3.398	3.475	3.521	3.549	3.566	3.575	3.579	3.579	3.579	3.579	3.579	3.579	3.579	3.579	3.579	3.579	3.579	3.579
9	3.199	3.339	3.420	3.470	3.502	3.523	3.536	3.544	3.547	3.547	3.547	3.547	3.547	3.547	3.547	3.547	3.547	3.547	3.547
10	3.151	3.293	3.376	3.430	3.465	3.489	3.505	3.516	3.522	3.525	3.525	3.525	3.525	3.525	3.525	3.525	3.525	3.525	3.525
11	3.113	3.256	3.341	3.397	3.435	3.462	3.480	3.493	3.501	3.506	3.509	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510
12	3.081	3.225	3.312	3.370	3.410	3.439	3.459	3.474	3.484	3.491	3.495	3.498	3.498	3.498	3.498	3.498	3.498	3.498	3.498