1/15/25, 10:40 PM F-Distribution Tables

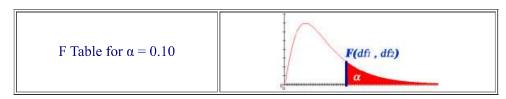
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F Distribution Tables

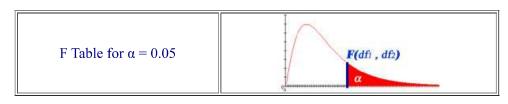
The F distribution is a right-skewed distribution used most commonly in Analysis of Variance. When referencing the F distribution, the <u>numerator degrees of freedom are always given first</u>, as switching the order of degrees of freedom changes the distribution (e.g., $F_{(10,12)}$ does not equal $F_{(12,10)}$). For the four F tables below, the rows represent denominator degrees of freedom and the columns represent numerator degrees of freedom. The right tail area is given in the name of the table. For example, to determine the .05 critical value for an F distribution with 10 and 12 degrees of freedom, look in the 10 column (numerator) and 12 row (denominator) of the F Table for alpha=.05. $F_{(.05, 10, 12)} = 2.7534$. You can use the interactive F-Distribution Applet to obtain more accurate measures.



\	df ₁ =1	2	3	4	5	6	7	8	9	10	12	15	20	24	30	40	60	120	∞
df ₂ =1	39.86346	49.50000	53.59324	55.83296	57.24008	58.20442	58.90595	59.43898	59.85759	60.19498	60.70521	61.22034	61.74029	62.00205	62.26497	62.52905	62.79428	63.06064	63.32812
2	8.52632	9.00000	9.16179	9.24342	9.29263	9.32553	9.34908	9.36677	9.38054	9.39157	9.40813	9.42471	9.44131	9.44962	9.45793	9.46624	9.47456	9.48289	9.49122
3	5.53832	5.46238	5.39077	5.34264	5.30916	5.28473	5.26619	5.25167	5.24000	5.23041	5.21562	5.20031	5.18448	5.17636	5.16811	5.15972	5.15119	5.14251	5.13370
4	4.54477	4.32456	4.19086	4.10725	4.05058	4.00975	3.97897	3.95494	3.93567	3.91988	3.89553	3.87036	3.84434	3.83099	3.81742	3.80361	3.78957	3.77527	3.76073
5	4.06042	3.77972	3.61948	3.52020	3.45298	3.40451	3.36790	3.33928	3.31628	3.29740	3.26824	3.23801	3.20665	3.19052	3.17408	3.15732	3.14023	3.12279	3.10500
6	3.77595	3.46330	3.28876	3.18076	3.10751	3.05455	3.01446	2.98304	2.95774	2.93693	2.90472	2.87122	2.83634	2.81834	2.79996	2.78117	2.76195	2.74229	2.72216
7	3.58943	3.25744	3.07407	2.96053	2.88334	2.82739	2.78493	2.75158	2.72468	2.70251	2.66811	2.63223	2.59473	2.57533	2.55546	2.53510	2.51422	2.49279	2.47079
8	3.45792	3.11312	2.92380	2.80643	2.72645	2.66833	2.62413	2.58935	2.56124	2.53804	2.50196	2.46422	2.42464	2.40410	2.38302	2.36136	2.33910	2.31618	2.29257
9	3.36030	3.00645	2.81286	2.69268	2.61061	2.55086	2.50531	2.46941	2.44034	2.41632	2.37888	2.33962	2.29832	2.27683	2.25472	2.23196	2.20849	2.18427	2.15923
10	3.28502	2.92447	2.72767	2.60534	2.52164	2.46058	2.41397	2.37715	2.34731	2.32260	2.28405	2.24351	2.20074	2.17843	2.15543	2.13169	2.10716	2.08176	2.05542
11	3.22520	2.85951	2.66023	2.53619	2.45118	2.38907	2.34157	2.30400	2.27350	2.24823	2.20873	2.16709	2.12305	2.10001	2.07621	2.05161	2.02612	1.99965	1.97211
12	3.17655	2.80680	2.60552	2.48010	2.39402	2.33102	2.28278	2.24457	2.21352	2.18776	2.14744	2.10485	2.05968	2.03599	2.01149	1.98610	1.95973	1.93228	1.90361
13	3.13621	2.76317	2.56027	2.43371	2.34672	2.28298	2.23410	2.19535	2.16382	2.13763	2.09659	2.05316	2.00698	1.98272	1.95757	1.93147	1.90429	1.87591	1.84620

F-Distribution Tables

1																				
16 3.04811 2.66817 2.46181 2.33274 2.24376 2.17833 2.12800 2.08798 2.05533 2.02815 1.98539 1.93992 1.89127 1.86556 1.83879 1.81084 1.78156 1.75073	14	3.10221	2.72647	2.52222	2.39469	2.30694	2.24256	2.19313	2.15390	2.12195	2.09540	2.05371	2.00953	1.96245	1.93766	1.91193	1.88516	1.85723	1.82800	1.79728
17 3.02623 2.64464 2.43743 2.30775 2.21825 2.15239 2.10169 2.06134 2.02839 2.00094 1.95772 1.91169 1.86236 1.83624 1.8090 1.78053 1.75063 1.71909 1.80990 2.62395 2.41601 2.28577 2.19583 2.12958 2.02785 2.03789 2.00467 1.97698 1.93334 1.88681 1.81683 1.81033 1.78269 1.75371 1.72322 1.69099 1.92889 2.288990 2.6956 2.39702 2.26630 2.17596 2.10936 2.03870 2.03870 1.99853 1.96485 1.93674 1.89236 1.84494 1.79384 1.76667 1.73822 1.70933 1.6678 1.65691 1.6278 1.8284 1.82928 1.8499 1.7927 1.6889 1.65691 1.66478 1.66488 1.82898 1.82	15	3.07319	2.69517	2.48979	2.36143	2.27302	2.20808	2.15818	2.11853	2.08621	2.05932	2.01707	1.97222	1.92431	1.89904	1.87277	1.84539	1.81676	1.78672	1.75505
17 3.02623 2.64464 2.43743 2.30775 2.21825 2.15239 2.10169 2.06134 2.02839 2.00094 1.95772 1.91169 1.86236 1.83624 1.8090 1.78053 1.75063 1.71909 1.80990 2.62395 2.41601 2.28577 2.19583 2.12958 2.02785 2.03789 2.00467 1.97698 1.93334 1.88681 1.81683 1.81033 1.78269 1.75371 1.72322 1.69099 1.92889 2.288990 2.6956 2.39702 2.26630 2.17596 2.10936 2.03870 2.03870 1.99853 1.96485 1.93674 1.89236 1.84494 1.79384 1.76667 1.73822 1.70933 1.6678 1.65691 1.6278 1.8284 1.82928 1.8499 1.7927 1.6889 1.65691 1.66478 1.66488 1.82898 1.82			•	•						·						· · · · · ·			,	
18 3.00698 2.62395 2.41601 2.28577 2.19583 2.12958 2.07854 2.03789 2.00467 1.97698 1.93334 1.88681 1.83685 1.8105 1.78269 1.75371 1.72322 1.69999 1.928990 2.6950 2.58925 2.38009 2.24893 2.15823 2.09132 2.03970 1.99853 1.96485 1.93674 1.99585 1.94170 1.86471 1.81416 1.78731 1.75924 1.72979 1.69876 1.65877 1.72322 1.69999 1.92090 1.92090 1.92820	16	3.04811	2.66817	2.46181	2.33274	2.24376	2.17833	2.12800	2.08798	2.05533	2.02815	1.98539	1.93992	1.89127	1.86556	1.83879	1.81084	1.78156	1.75075	1.71817
19 2,98990 2,60561 2,39702 2,26630 2,17596 2,10936 2,03970 1,99852 1,98186 1,93674 1,89236 1,84494 1,79384 1,76667 1,73822 1,70833 1,67678 1,63267 1,00000000000000000000000000000000000	17	3.02623	2.64464	2.43743	2.30775	2.21825	2.15239	2.10169	2.06134	2.02839	2.00094	1.95772	1.91169	1.86236	1.83624	1.80901	1.78053	1.75063	1.71909	1.68564
20 2.97465 2.58925 2.38009 2.24893 2.15823 2.09132 2.03970 1.98853 1.96485 1.93674 1.89236 1.84494 1.79384 1.76667 1.73822 1.70833 1.67678 1.64326	18	3.00698	2.62395	2.41601	2.28577	2.19583	2.12958	2.07854	2.03789	2.00467	1.97698	1.93334	1.88681	1.83685	1.81035	1.78269	1.75371	1.72322	1.69099	1.65671
21 2.96096 2.57457 2.36489 2.23334 2.14231 2.07512 2.02325 1.98186 1.94797 1.91967 1.87497 1.8215 1.77555 1.74807 1.71927 1.68896 1.65091 1.62278 22 2.94858 2.56131 2.35117 2.21927 2.12794 2.06050 2.00840 1.96680 1.93273 1.90425 1.85925 1.81106 1.75899 1.73122 1.70208 1.67138 1.63885 1.66415 23 2.93736 2.54929 2.33873 2.20651 2.11491 2.04723 1.99492 1.95312 1.91888 1.89025 1.84407 1.79643 1.74592 1.71588 1.66463 1.65535 1.62237 1.58711 24 2.92712 2.53833 2.32799 2.19488 2.19303 2.03513 1.98263 1.94066 1.90625 1.87748 1.83194 1.78308 1.73015 1.70185 1.64682 1.64720 1.60726 1.57146 25 2.91774 2.52831 <t< th=""><th>19</th><th>2.98990</th><th>2.60561</th><th>2.39702</th><th>2.26630</th><th>2.17596</th><th>2.10936</th><th>2.05802</th><th>2.01710</th><th>1.98364</th><th>1.95573</th><th>1.91170</th><th>1.86471</th><th>1.81416</th><th>1.78731</th><th>1.75924</th><th>1.72979</th><th>1.69876</th><th>1.66587</th><th>1.63077</th></t<>	19	2.98990	2.60561	2.39702	2.26630	2.17596	2.10936	2.05802	2.01710	1.98364	1.95573	1.91170	1.86471	1.81416	1.78731	1.75924	1.72979	1.69876	1.66587	1.63077
22 2.94858 2.56131 2.35117 2.21927 2.12794 2.06050 2.00840 1.9680 1.93273 1.90425 1.81106 1.75899 1.73122 1.70208 1.67138 1.63885 1.60415 23 2.93736 2.59429 2.33873 2.20615 2.11491 2.04723 1.99492 1.95312 1.91888 1.89025 1.84497 1.79643 1.73492 1.71588 1.68643 1.65335 1.62237 1.58711 24 2.92712 2.53833 2.32739 2.19488 2.10303 2.03513 1.98263 1.94066 1.90625 1.87748 1.83194 1.78308 1.73105 1.6710 1.64067 1.60726 1.57146 25 2.91774 2.52831 2.31702 2.18424 2.09216 2.02406 1.97138 1.92925 1.89469 1.85503 1.82000 1.77083 1.71752 1.68895 1.62710 1.64067 1.59733 26 2.99119 2.51061 2.29871 2.16546 2.07298 <th< th=""><th>20</th><th>2.97465</th><th>2.58925</th><th>2.38009</th><th>2.24893</th><th>2.15823</th><th>2.09132</th><th>2.03970</th><th>1.99853</th><th>1.96485</th><th>1.93674</th><th>1.89236</th><th>1.84494</th><th>1.79384</th><th>1.76667</th><th>1.73822</th><th>1.70833</th><th>1.67678</th><th>1.64326</th><th>1.60738</th></th<>	20	2.97465	2.58925	2.38009	2.24893	2.15823	2.09132	2.03970	1.99853	1.96485	1.93674	1.89236	1.84494	1.79384	1.76667	1.73822	1.70833	1.67678	1.64326	1.60738
22 2.94858 2.56131 2.35117 2.21227 2.12794 2.06050 2.00840 1.9680 1.93273 1.90425 1.81106 1.75899 1.73122 1.70208 1.67138 1.63885 1.60415 23 2.93736 2.54929 2.33873 2.20651 2.11491 2.04723 1.99492 1.95312 1.91888 1.89025 1.84497 1.79643 1.73492 1.71588 1.68643 1.65335 1.62237 1.58711 24 2.92712 2.53833 2.32739 2.19488 2.10303 2.03513 1.98263 1.94066 1.90625 1.87748 1.83194 1.78308 1.73105 1.6710 1.64067 1.60726 1.57146 25 2.91774 2.52831 2.31702 2.18424 2.09216 2.02406 1.97138 1.99255 1.89469 1.85503 1.82000 1.77083 1.71752 1.68895 1.62718 1.59335 1.55703 26 2.99119 2.51061 2.29871 2.16546 2.07298 <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>																				
23 2.93736 2.54929 2.33873 2.20651 2.11491 2.04723 1.99492 1.95312 1.9188 1.89025 1.84497 1.79643 1.74392 1.7158 1.68643 1.65535 1.62237 1.58711 24 2.92712 2.53833 2.32739 2.19488 2.10303 2.03513 1.98263 1.94066 1.90625 1.87748 1.83194 1.78308 1.73015 1.70185 1.67210 1.64067 1.60726 1.57146 25 2.91774 2.52831 2.31702 2.18424 2.09216 2.02406 1.97138 1.92925 1.89469 1.86578 1.82000 1.77083 1.71752 1.68898 1.65895 1.62718 1.59335 1.55703 26 2.90913 2.51910 2.30749 2.17447 2.08218 2.01389 1.96104 1.91876 1.88407 1.85503 1.80902 1.75957 1.70589 1.67712 1.64682 1.61472 1.58050 1.53438 27 2.90119 2.51061 2.29871 2.16546 2.07298 2.00452 1.95151 1.90909 1.87427 1.84511 1.79889 1.74917 1.69514 1.66616 1.63560 1.60320 1.56859 1.53129 28 2.89385 2.50276 2.29000 2.15714 2.06447 1.99585 1.94270 1.9014 1.86520 1.83593 1.78951 1.73954 1.68519 1.65600 1.62519 1.59250 1.55753 1.51976 29 2.88703 2.49548 2.28307 2.14941 2.05658 1.98781 1.93452 1.89184 1.85679 1.82741 1.78081 1.73060 1.67593 1.64655 1.61551 1.58253 1.54721 1.50899 30 2.88069 2.48872 2.27607 2.14223 2.04925 1.98033 1.92692 1.88412 1.84896 1.81949 1.77270 1.72227 1.66731 1.63744 1.60648 1.57323 1.53757 1.49811 40 2.83535 2.44037 2.22609 2.09095 1.99682 1.92688 1.87252 1.82886 1.79290 1.76269 1.71456 1.66241 1.60515 1.57411 1.54108 1.50562 1.46716 1.42476 40 2.83535 2.44037 2.23609 2.09095 1.99682 1.92688 1.87252 1.82886 1.79290 1.76269 1.71456 1.66241 1.60515 1.57411 1.54108 1.50562 1.46716 1.42476 40 2.83535 2.44037 2.39325 2.17741 2.04099 1.94571 1.87472 1.81939 1.77483 1.73802 1.70701 1.65743 1.60337 1.54349 1.51072 1.47554 1.43734 1.	21	2.96096	2.57457	2.36489	2.23334	2.14231	2.07512	2.02325	1.98186	1.94797	1.91967	1.87497	1.82715	1.77555	1.74807	1.71927	1.68896	1.65691	1.62278	1.58615
24 2.92712 2.53833 2.32739 2.19488 2.10303 2.03513 1.98263 1.94066 1.90625 1.87748 1.83194 1.78308 1.73015 1.70185 1.67210 1.64067 1.60726 1.57146 25 2.91774 2.52831 2.31702 2.18424 2.09216 2.02406 1.97138 1.92925 1.89469 1.86578 1.82000 1.77083 1.71752 1.68898 1.65895 1.62718 1.59335 1.55703 26 2.99013 2.51910 2.30749 2.17447 2.08218 2.01389 1.96104 1.91876 1.88407 1.85503 1.80902 1.75957 1.70589 1.67712 1.64682 1.61472 1.58050 1.54368 27 2.90119 2.51061 2.29871 2.16546 2.07298 2.00452 1.95151 1.90099 1.87427 1.84511 1.79889 1.74917 1.66514 1.6616 1.63560 1.60320 1.55853 1.5176 29 2.88703 2.49548 <th< th=""><th>22</th><th>2.94858</th><th>2.56131</th><th>2.35117</th><th>2.21927</th><th>2.12794</th><th>2.06050</th><th>2.00840</th><th>1.96680</th><th>1.93273</th><th>1.90425</th><th>1.85925</th><th>1.81106</th><th>1.75899</th><th>1.73122</th><th>1.70208</th><th>1.67138</th><th>1.63885</th><th>1.60415</th><th>1.56678</th></th<>	22	2.94858	2.56131	2.35117	2.21927	2.12794	2.06050	2.00840	1.96680	1.93273	1.90425	1.85925	1.81106	1.75899	1.73122	1.70208	1.67138	1.63885	1.60415	1.56678
25 2.91774 2.52831 2.31702 2.18424 2.09216 2.02406 1.97138 1.92925 1.89469 1.86578 1.82000 1.77083 1.71752 1.68898 1.65895 1.62718 1.59335 1.55703 26 2.90913 2.51910 2.30749 2.17447 2.08218 2.01389 1.96104 1.91876 1.88407 1.85503 1.80902 1.75957 1.70589 1.67712 1.64682 1.61472 1.58050 1.54368 27 2.90119 2.51061 2.29871 2.16546 2.07298 2.00452 1.95151 1.90909 1.87427 1.84511 1.79889 1.74917 1.69514 1.66616 1.63560 1.60320 1.56859 1.53129 28 2.89385 2.50276 2.29060 2.15714 2.06447 1.99585 1.94270 1.90014 1.86520 1.83593 1.78951 1.73954 1.68519 1.65600 1.62519 1.59250 1.55753 1.51976 29 2.88703 2.49548 2.28307 2.14941 2.05658 1.98781 1.93452 1.89184 1.85679 1.82741 1.78081 1.73060 1.67593 1.64655 1.61551 1.58253 1.54721 1.50899 30 2.88069 2.48872 2.27607 2.14223 2.04925 1.98033 1.92692 1.88412 1.84896 1.81949 1.77270 1.72227 1.66731 1.63774 1.60648 1.57323 1.53757 1.49891 40 2.83535 2.44037 2.22609 2.09095 1.99682 1.92688 1.87252 1.82886 1.79290 1.76269 1.71456 1.66241 1.60515 1.57411 1.54108 1.50562 1.46716 1.42476 60 2.79107 2.39325 2.17741 2.04099 1.94571 1.87472 1.81939 1.77483 1.73802 1.70701 1.65743 1.60337 1.54349 1.51072 1.47554 1.43734 1.39520 1.34757 40 2.83535 2.44037 2.22609 2.09095 1.99682 1.92688 1.87252 1.82886 1.79290 1.76269 1.71456 1.66241 1.60515 1.57411 1.54108 1.50562 1.46716 1.42476 60 2.79107 2.39325 2.17741 2.04099 1.94571 1.87472 1.81939 1.77483 1.73802 1.70701 1.65743 1.60337 1.54349 1.51072 1.47554 1.43734 1.39520 1.34757	23	2.93736	2.54929	2.33873	2.20651	2.11491	2.04723	1.99492	1.95312	1.91888	1.89025	1.84497	1.79643	1.74392	1.71588	1.68643	1.65535	1.62237	1.58711	1.54903
26 2.90913 2.51910 2.30749 2.17447 2.08218 2.01389 1.96104 1.91876 1.88407 1.85503 1.80902 1.75957 1.70589 1.67712 1.64682 1.61472 1.58050 1.54368 27 2.90119 2.51061 2.29871 2.16546 2.07298 2.00452 1.95151 1.90909 1.87427 1.84511 1.79889 1.74917 1.69514 1.66616 1.63560 1.6320 1.56859 1.53129 28 2.89385 2.50276 2.29060 2.15714 2.06447 1.99585 1.94270 1.90014 1.86520 1.83593 1.78951 1.73954 1.68519 1.65600 1.62519 1.59250 1.55753 1.51976 29 2.88703 2.49548 2.28307 2.14941 2.05658 1.98781 1.93452 1.88184 1.85679 1.82741 1.78081 1.73060 1.67593 1.64655 1.61551 1.58253 1.54721 1.50899 30 2.88069 2.48872 <t< th=""><th>24</th><th>2.92712</th><th>2.53833</th><th>2.32739</th><th>2.19488</th><th>2.10303</th><th>2.03513</th><th>1.98263</th><th>1.94066</th><th>1.90625</th><th>1.87748</th><th>1.83194</th><th>1.78308</th><th>1.73015</th><th>1.70185</th><th>1.67210</th><th>1.64067</th><th>1.60726</th><th>1.57146</th><th>1.53270</th></t<>	24	2.92712	2.53833	2.32739	2.19488	2.10303	2.03513	1.98263	1.94066	1.90625	1.87748	1.83194	1.78308	1.73015	1.70185	1.67210	1.64067	1.60726	1.57146	1.53270
27 2.90119 2.51061 2.29871 2.16546 2.07298 2.00452 1.95151 1.90909 1.87427 1.84511 1.79889 1.74917 1.69514 1.66616 1.63560 1.60320 1.56859 1.53129 28 2.89385 2.50276 2.29060 2.15714 2.06447 1.99585 1.94270 1.90014 1.86520 1.83593 1.78951 1.73954 1.68519 1.65600 1.62519 1.59250 1.55753 1.51976 29 2.88703 2.49548 2.28307 2.14941 2.05658 1.98781 1.93452 1.89184 1.85679 1.82741 1.73060 1.67593 1.64655 1.61551 1.58253 1.54721 1.50899 30 2.88069 2.48872 2.27607 2.14223 2.04925 1.98033 1.92692 1.88412 1.84896 1.81949 1.77270 1.72227 1.66731 1.63774 1.60648 1.53753 1.49891 40 2.83535 2.44037 2.22609 2.09095 <	25	2.91774	2.52831	2.31702	2.18424	2.09216	2.02406	1.97138	1.92925	1.89469	1.86578	1.82000	1.77083	1.71752	1.68898	1.65895	1.62718	1.59335	1.55703	1.51760
27 2.90119 2.51061 2.29871 2.16546 2.07298 2.00452 1.95151 1.90909 1.87427 1.84511 1.79889 1.74917 1.69514 1.66616 1.63560 1.60320 1.56859 1.53129 28 2.89385 2.50276 2.29060 2.15714 2.06447 1.99585 1.94270 1.90014 1.86520 1.83593 1.78951 1.73954 1.68519 1.65600 1.62519 1.59250 1.55753 1.51976 29 2.88703 2.49548 2.28307 2.14941 2.05658 1.98781 1.93452 1.89184 1.85679 1.82741 1.73060 1.67593 1.64655 1.61551 1.58253 1.54721 1.50899 30 2.88069 2.48872 2.27607 2.14223 2.04925 1.98033 1.92692 1.88412 1.84896 1.81949 1.77270 1.72227 1.66731 1.63774 1.60648 1.53753 1.49891 40 2.83535 2.44037 2.22609 2.09095 <																				
28 2.89385 2.50276 2.29060 2.15714 2.06447 1.99585 1.94270 1.90014 1.86520 1.83593 1.78951 1.73954 1.68519 1.65600 1.62519 1.59250 1.59753 1.51976 29 2.88703 2.49548 2.28307 2.14941 2.05658 1.98781 1.93452 1.89184 1.85679 1.82741 1.78081 1.73060 1.67593 1.64655 1.61551 1.58253 1.54721 1.50899 30 2.88069 2.48872 2.27607 2.14223 2.04925 1.98033 1.92692 1.88412 1.84896 1.81949 1.77270 1.72227 1.66731 1.63774 1.60648 1.53723 1.53757 1.49891 40 2.83535 2.44037 2.22609 2.09095 1.99682 1.92688 1.87252 1.82886 1.79290 1.76269 1.71456 1.66241 1.60515 1.57411 1.54108 1.50562 1.46716 1.42476 60 2.79107 2.39325 <	26	2.90913	2.51910	2.30749	2.17447	2.08218	2.01389	1.96104	1.91876	1.88407	1.85503	1.80902	1.75957	1.70589	1.67712	1.64682	1.61472	1.58050	1.54368	1.50360
29 2.88703 2.49548 2.28307 2.14941 2.05658 1.98781 1.93452 1.89184 1.85679 1.82741 1.78081 1.73060 1.67593 1.64655 1.61551 1.58253 1.54721 1.50899 30 2.88069 2.48872 2.27607 2.14223 2.04925 1.98033 1.92692 1.88412 1.84896 1.81949 1.77270 1.72227 1.66731 1.63774 1.60648 1.57323 1.53757 1.49891 40 2.83535 2.44037 2.22609 2.09095 1.99682 1.92688 1.87252 1.82886 1.79290 1.76269 1.71456 1.66241 1.60515 1.57411 1.54108 1.50562 1.46716 1.42476 60 2.79107 2.39325 2.17741 2.04099 1.94571 1.87472 1.81939 1.77483 1.73802 1.70701 1.65743 1.60337 1.54349 1.51072 1.47554 1.43734 1.39520 1.34757	27	2.90119	2.51061	2.29871	2.16546	2.07298	2.00452	1.95151	1.90909	1.87427	1.84511	1.79889	1.74917	1.69514	1.66616	1.63560	1.60320	1.56859	1.53129	1.49057
30 2.88069 2.48872 2.27607 2.14223 2.04925 1.98033 1.92692 1.88412 1.84896 1.81949 1.77270 1.72227 1.66731 1.63774 1.60648 1.57323 1.53757 1.49891	28	2.89385	2.50276	2.29060	2.15714	2.06447	1.99585	1.94270	1.90014	1.86520	1.83593	1.78951	1.73954	1.68519	1.65600	1.62519	1.59250	1.55753	1.51976	1.47841
40 2.83535 2.44037 2.22609 2.09095 1.99682 1.92688 1.87252 1.82886 1.79290 1.76269 1.71456 1.66241 1.60515 1.57411 1.54108 1.50562 1.46716 1.42476 60 2.79107 2.39325 2.17741 2.04099 1.94571 1.87472 1.81939 1.77483 1.73802 1.70701 1.65743 1.60337 1.54349 1.51072 1.47554 1.43734 1.39520 1.34757	29	2.88703	2.49548	2.28307	2.14941	2.05658	1.98781	1.93452	1.89184	1.85679	1.82741	1.78081	1.73060	1.67593	1.64655	1.61551	1.58253	1.54721	1.50899	1.46704
60 2.79107 2.39325 2.17741 2.04099 1.94571 1.87472 1.81939 1.77483 1.73802 1.70701 1.65743 1.60337 1.54349 1.51072 1.47554 1.43734 1.39520 1.34757	30	2.88069	2.48872	2.27607	2.14223	2.04925	1.98033	1.92692	1.88412	1.84896	1.81949	1.77270	1.72227	1.66731	1.63774	1.60648	1.57323	1.53757	1.49891	1.45636
60 2.79107 2.39325 2.17741 2.04099 1.94571 1.87472 1.81939 1.77483 1.73802 1.70701 1.65743 1.60337 1.54349 1.51072 1.47554 1.43734 1.39520 1.34757																				
	40	2.83535	2.44037	2.22609	2.09095	1.99682	1.92688	1.87252	1.82886	1.79290	1.76269	1.71456	1.66241	1.60515	1.57411	1.54108	1.50562	1.46716	1.42476	1.37691
120 2.74781 2.34734 2.12999 1.99230 1.89587 1.82381 1.76748 1.72196 1.68425 1.65238 1.60120 1.54500 1.48207 1.44723 1.40938 1.36760 1.32034 1.26457	60	2.79107	2.39325	2.17741	2.04099	1.94571	1.87472	1.81939	1.77483	1.73802	1.70701	1.65743	1.60337	1.54349	1.51072	1.47554	1.43734	1.39520	1.34757	1.29146
	120	2.74781	2.34734	2.12999	1.99230	1.89587	1.82381	1.76748	1.72196	1.68425	1.65238	1.60120	1.54500	1.48207	1.44723	1.40938	1.36760	1.32034	1.26457	1.19256
∞ 2.70554 2.30259 2.08380 1.94486 1.84727 1.77411 1.71672 1.67020 1.63152 1.59872 1.54578 1.48714 1.42060 1.38318 1.34187 1.29513 1.23995 1.16860	∞	2.70554	2.30259	2.08380	1.94486	1.84727	1.77411	1.71672	1.67020	1.63152	1.59872	1.54578	1.48714	1.42060	1.38318	1.34187	1.29513	1.23995	1.16860	1.00000



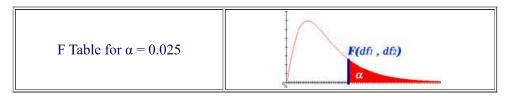
		/	df ₁ =1	2	3	4	5	6	7	8	9	10	12	15	20	24	30	40	60	120	∞
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•	.40 FW									1 0100	וטענוטוו ומנ	,,,,,							
df ₂ =1	161.4476	199.5000	215.7073	224.5832	230.1619	233.9860	236.7684	238.8827	240.5433	241.8817	243.9060	245.9499	248.0131	249.0518	250.0951	251.1432	252.1957	253.2529	254.3144
2	18.5128	19.0000	19.1643	19.2468	19.2964	19.3295	19.3532	19.3710	19.3848	19.3959	19.4125	19.4291	19.4458	19.4541	19.4624	19.4707	19.4791	19.4874	19.4957
3	10.1280	9.5521	9.2766	9.1172	9.0135	8.9406	8.8867	8.8452	8.8123	8.7855	8.7446	8.7029	8.6602	8.6385	8.6166	8.5944	8.5720	8.5494	8.5264
4	7.7086	6.9443	6.5914	6.3882	6.2561	6.1631	6.0942	6.0410	5.9988	5.9644	5.9117	5.8578	5.8025	5.7744	5.7459	5.7170	5.6877	5.6581	5.6281
5	6.6079	5.7861	5.4095	5.1922	5.0503	4.9503	4.8759	4.8183	4.7725	4.7351	4.6777	4.6188	4.5581	4.5272	4.4957	4.4638	4.4314	4.3985	4.3650
6	5.9874	5.1433	4.7571	4.5337	4.3874	4.2839	4.2067	4.1468	4.0990	4.0600	3.9999	3.9381	3.8742	3.8415	3.8082	3.7743	3.7398	3.7047	3.6689
7	5.5914	4.7374	4.3468	4.1203	3.9715	3.8660	3.7870	3.7257	3.6767	3.6365	3.5747	3.5107	3.4445	3.4105	3.3758	3.3404	3.3043	3.2674	3.2298
8	5.3177	4.4590	4.0662	3.8379	3.6875	3.5806	3.5005	3.4381	3.3881	3.3472	3.2839	3.2184	3.1503	3.1152	3.0794	3.0428	3.0053	2.9669	2.9276
9	5.1174	4.2565	3.8625	3.6331	3.4817	3.3738	3.2927	3.2296	3.1789	3.1373	3.0729	3.0061	2.9365	2.9005	2.8637	2.8259	2.7872	2.7475	2.7067
10	4.9646	4.1028	3.7083	3.4780	3.3258	3.2172	3.1355	3.0717	3.0204	2.9782	2.9130	2.8450	2.7740	2.7372	2.6996	2.6609	2.6211	2.5801	2.5379
11	4.8443	3.9823	3.5874	3.3567	3.2039	3.0946	3.0123	2.9480	2.8962	2.8536	2.7876	2.7186	2.6464	2.6090	2.5705	2.5309	2.4901	2.4480	2.4045
12	4.7472	3.8853	3.4903	3.2592	3.1059	2.9961	2.9134	2.8486	2.7964	2.7534	2.6866	2.6169	2.5436	2.5055	2.4663	2.4259	2.3842	2.3410	2.2962
13	4.6672	3.8056	3.4105	3.1791	3.0254	2.9153	2.8321	2.7669	2.7144	2.6710	2.6037	2.5331	2.4589	2.4202	2.3803	2.3392	2.2966	2.2524	2.2064
14	4.6001	3.7389	3.3439	3.1122	2.9582	2.8477	2.7642	2.6987	2.6458	2.6022	2.5342	2.4630	2.3879	2.3487	2.3082	2.2664	2.2229	2.1778	2.1307
15	4.5431	3.6823	3.2874	3.0556	2.9013	2.7905	2.7066	2.6408	2.5876	2.5437	2.4753	2.4034	2.3275	2.2878	2.2468	2.2043	2.1601	2.1141	2.0658
16	4.4940	3.6337	3.2389	3.0069	2.8524	2.7413	2.6572	2.5911	2.5377	2.4935	2.4247	2.3522	2.2756	2.2354	2.1938	2.1507	2.1058	2.0589	2.0096
17	4.4513	3.5915	3.1968	2.9647	2.8100	2.6987	2.6143	2.5480	2.4943	2.4499	2.3807	2.3077	2.2304	2.1898	2.1477	2.1040	2.0584	2.0107	1.9604
18	4.4139	3.5546	3.1599	2.9277	2.7729	2.6613	2.5767	2.5102	2.4563	2.4117	2.3421	2.2686	2.1906	2.1497	2.1071	2.0629	2.0166	1.9681	1.9168
19	4.3807	3.5219	3.1274	2.8951	2.7401	2.6283	2.5435	2.4768	2.4227	2.3779	2.3080	2.2341	2.1555	2.1141	2.0712	2.0264	1.9795	1.9302	1.8780
20	4.3512	3.4928	3.0984	2.8661	2.7109	2.5990	2.5140	2.4471	2.3928	2.3479	2.2776	2.2033	2.1242	2.0825	2.0391	1.9938	1.9464	1.8963	1.8432
21	4.3248	3.4668	3.0725	2.8401	2.6848	2.5727	2.4876	2.4205	2.3660	2.3210	2.2504	2.1757	2.0960	2.0540	2.0102	1.9645	1.9165	1.8657	1.8117
22	4.3009	3.4434	3.0491	2.8167	2.6613	2.5491	2.4638	2.3965	2.3419	2.2967	2.2258	2.1508	2.0707	2.0283	1.9842	1.9380	1.8894	1.8380	1.7831
23	4.2793	3.4221	3.0280	2.7955	2.6400	2.5277	2.4422	2.3748	2.3201	2.2747	2.2036	2.1282	2.0476	2.0050	1.9605	1.9139	1.8648	1.8128	1.7570
24	4.2597	3.4028	3.0088	2.7763	2.6207	2.5082	2.4226	2.3551	2.3002	2.2547	2.1834	2.1077	2.0267	1.9838	1.9390	1.8920	1.8424	1.7896	1.7330
25	4.2417	3.3852	2.9912	2.7587	2.6030	2.4904	2.4047	2.3371	2.2821	2.2365	2.1649	2.0889	2.0075	1.9643	1.9192	1.8718	1.8217	1.7684	1.7110
26	4.2252	3.3690	2.9752	2.7426	2.5868	2.4741	2.3883	2.3205	2.2655	2.2197	2.1479	2.0716	1.9898	1.9464	1.9010	1.8533	1.8027	1.7488	1.6906
27	4.2100	3.3541	2.9604	2.7278	2.5719	2.4591	2.3732	2.3053	2.2501	2.2043	2.1323	2.0558	1.9736	1.9299	1.8842	1.8361	1.7851	1.7306	1.6717

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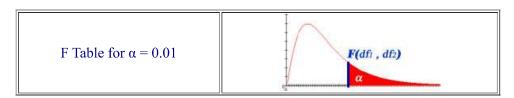
28	4.1960	3.3404	2.9467	2.7141	2.5581	2.4453	2.3593	2.2913	2.2360	2.1900	2.1179	2.0411	1.9586	1.9147	1.8687	1.8203	1.7689	1.7138	1.6541
29	4.1830	3.3277	2.9340	2.7014	2.5454	2.4324	2.3463	2.2783	2.2229	2.1768	2.1045	2.0275	1.9446	1.9005	1.8543	1.8055	1.7537	1.6981	1.6376
30	4.1709	3.3158	2.9223	2.6896	2.5336	2.4205	2.3343	2.2662	2.2107	2.1646	2.0921	2.0148	1.9317	1.8874	1.8409	1.7918	1.7396	1.6835	1.6223
40	4.0847	3.2317	2.8387	2.6060	2.4495	2.3359	2.2490	2.1802	2.1240	2.0772	2.0035	1.9245	1.8389	1.7929	1.7444	1.6928	1.6373	1.5766	1.5089
60	4.0012	3.1504	2.7581	2.5252	2.3683	2.2541	2.1665	2.0970	2.0401	1.9926	1.9174	1.8364	1.7480	1.7001	1.6491	1.5943	1.5343	1.4673	1.3893
120	3.9201	3.0718	2.6802	2.4472	2.2899	2.1750	2.0868	2.0164	1.9588	1.9105	1.8337	1.7505	1.6587	1.6084	1.5543	1.4952	1.4290	1.3519	1.2539
∞	3.8415	2.9957	2.6049	2.3719	2.2141	2.0986	2.0096	1.9384	1.8799	1.8307	1.7522	1.6664	1.5705	1.5173	1.4591	1.3940	1.3180	1.2214	1.0000



/	df ₁ =1	2	3	4	5	6	7	8	9	10	12	15	20	24	30	40	60	120	8
df ₂ =1	647.7890	799.5000	864.1630	899.5833	921.8479	937.1111	948.2169	956.6562	963.2846	968.6274	976.7079	984.8668	993.1028	997.2492	1001.414	1005.598	1009.800	1014.020	1018.258
2	38.5063	39.0000	39.1655	39.2484	39.2982	39.3315	39.3552	39.3730	39.3869	39.3980	39.4146	39.4313	39.4479	39.4562	39.465	39.473	39.481	39.490	39.498
3	17.4434	16.0441	15.4392	15.1010	14.8848	14.7347	14.6244	14.5399	14.4731	14.4189	14.3366	14.2527	14.1674	14.1241	14.081	14.037	13.992	13.947	13.902
4	12.2179	10.6491	9.9792	9.6045	9.3645	9.1973	9.0741	8.9796	8.9047	8.8439	8.7512	8.6565	8.5599	8.5109	8.461	8.411	8.360	8.309	8.257
5	10.0070	8.4336	7.7636	7.3879	7.1464	6.9777	6.8531	6.7572	6.6811	6.6192	6.5245	6.4277	6.3286	6.2780	6.227	6.175	6.123	6.069	6.015
6	8.8131	7.2599	6.5988	6.2272	5.9876	5.8198	5.6955	5.5996	5.5234	5.4613	5.3662	5.2687	5.1684	5.1172	5.065	5.012	4.959	4.904	4.849
7	8.0727	6.5415	5.8898	5.5226	5.2852	5.1186	4.9949	4.8993	4.8232	4.7611	4.6658	4.5678	4.4667	4.4150	4.362	4.309	4.254	4.199	4.142
8	7.5709	6.0595	5.4160	5.0526	4.8173	4.6517	4.5286	4.4333	4.3572	4.2951	4.1997	4.1012	3.9995	3.9472	3.894	3.840	3.784	3.728	3.670
9	7.2093	5.7147	5.0781	4.7181	4.4844	4.3197	4.1970	4.1020	4.0260	3.9639	3.8682	3.7694	3.6669	3.6142	3.560	3.505	3.449	3.392	3.333
10	6.9367	5.4564	4.8256	4.4683	4.2361	4.0721	3.9498	3.8549	3.7790	3.7168	3.6209	3.5217	3.4185	3.3654	3.311	3.255	3.198	3.140	3.080
11	6.7241	5.2559	4.6300	4.2751	4.0440	3.8807	3.7586	3.6638	3.5879	3.5257	3.4296	3.3299	3.2261	3.1725	3.118	3.061	3.004	2.944	2.883
12	6.5538	5.0959	4.4742	4.1212	3.8911	3.7283	3.6065	3.5118	3.4358	3.3736	3.2773	3.1772	3.0728	3.0187	2.963	2.906	2.848	2.787	2.725
13	6.4143	4.9653	4.3472	3.9959	3.7667	3.6043	3.4827	3.3880	3.3120	3.2497	3.1532	3.0527	2.9477	2.8932	2.837	2.780	2.720	2.659	2.595
14	6.2979	4.8567	4.2417	3.8919	3.6634	3.5014	3.3799	3.2853	3.2093	3.1469	3.0502	2.9493	2.8437	2.7888	2.732	2.674	2.614	2.552	2.487
15	6.1995	4.7650	4.1528	3.8043	3.5764	3.4147	3.2934	3.1987	3.1227	3.0602	2.9633	2.8621	2.7559	2.7006	2.644	2.585	2.524	2.461	2.395

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16	6.1151	4.6867	4.0768	3.7294	3.5021	3.3406	3.2194	3.1248	3.0488	2.9862	2.8890	2.7875	2.6808	2.6252	2.568	2.509	2.447	2.383	2.316
17	6.0420	4.6189	4.0112	3.6648	3.4379	3.2767	3.1556	3.0610	2.9849	2.9222	2.8249	2.7230	2.6158	2.5598	2.502	2.442	2.380	2.315	2.247
18	5.9781	4.5597	3.9539	3.6083	3.3820	3.2209	3.0999	3.0053	2.9291	2.8664	2.7689	2.6667	2.5590	2.5027	2.445	2.384	2.321	2.256	2.187
19	5.9216	4.5075	3.9034	3.5587	3.3327	3.1718	3.0509	2.9563	2.8801	2.8172	2.7196	2.6171	2.5089	2.4523	2.394	2.333	2.270	2.203	2.133
20	5.8715	4.4613	3.8587	3.5147	3.2891	3.1283	3.0074	2.9128	2.8365	2.7737	2.6758	2.5731	2.4645	2.4076	2.349	2.287	2.223	2.156	2.085
21	5.8266	4.4199	3.8188	3.4754	3.2501	3.0895	2.9686	2.8740	2.7977	2.7348	2.6368	2.5338	2.4247	2.3675	2.308	2.246	2.182	2.114	2.042
22	5.7863	4.3828	3.7829	3.4401	3.2151	3.0546	2.9338	2.8392	2.7628	2.6998	2.6017	2.4984	2.3890	2.3315	2.272	2.210	2.145	2.076	2.003
23	5.7498	4.3492	3.7505	3.4083	3.1835	3.0232	2.9023	2.8077	2.7313	2.6682	2.5699	2.4665	2.3567	2.2989	2.239	2.176	2.111	2.041	1.968
24	5.7166	4.3187	3.7211	3.3794	3.1548	2.9946	2.8738	2.7791	2.7027	2.6396	2.5411	2.4374	2.3273	2.2693	2.209	2.146	2.080	2.010	1.935
25	5.6864	4.2909	3.6943	3.3530	3.1287	2.9685	2.8478	2.7531	2.6766	2.6135	2.5149	2.4110	2.3005	2.2422	2.182	2.118	2.052	1.981	1.906
26	5.6586	4.2655	3.6697	3.3289	3.1048	2.9447	2.8240	2.7293	2.6528	2.5896	2.4908	2.3867	2.2759	2.2174	2.157	2.093	2.026	1.954	1.878
27	5.6331	4.2421	3.6472	3.3067	3.0828	2.9228	2.8021	2.7074	2.6309	2.5676	2.4688	2.3644	2.2533	2.1946	2.133	2.069	2.002	1.930	1.853
28	5.6096	4.2205	3.6264	3.2863	3.0626	2.9027	2.7820	2.6872	2.6106	2.5473	2.4484	2.3438	2.2324	2.1735	2.112	2.048	1.980	1.907	1.829
29	5.5878	4.2006	3.6072	3.2674	3.0438	2.8840	2.7633	2.6686	2.5919	2.5286	2.4295	2.3248	2.2131	2.1540	2.092	2.028	1.959	1.886	1.807
30	5.5675	4.1821	3.5894	3.2499	3.0265	2.8667	2.7460	2.6513	2.5746	2.5112	2.4120	2.3072	2.1952	2.1359	2.074	2.009	1.940	1.866	1.787
40	5.4239	4.0510	3.4633	3.1261	2.9037	2.7444	2.6238	2.5289	2.4519	2.3882	2.2882	2.1819	2.0677	2.0069	1.943	1.875	1.803	1.724	1.637
60	5.2856	3.9253	3.3425	3.0077	2.7863	2.6274	2.5068	2.4117	2.3344	2.2702	2.1692	2.0613	1.9445	1.8817	1.815	1.744	1.667	1.581	1.482
120	5.1523	3.8046	3.2269	2.8943	2.6740	2.5154	2.3948	2.2994	2.2217	2.1570	2.0548	1.9450	1.8249	1.7597	1.690	1.614	1.530	1.433	1.310
∞	5.0239	3.6889	3.1161	2.7858	2.5665	2.4082	2.2875	2.1918	2.1136	2.0483	1.9447	1.8326	1.7085	1.6402	1.566	1.484	1.388	1.268	1.000



	/	df ₁ =1	2	3	4	5	6	7	8	9	10	12	15	20	24	30	40	60	120	∞
d	f ₂ =1	4052.181	4999.500	5403.352	5624.583	5763.650	5858.986	5928.356	5981.070	6022.473	6055.847	6106.321	6157.285	6208.730	6234.631	6260.649	6286.782	6313.030	6339.391	6365.864
	2	98.503	99.000	99.166	99.249	99.299	99.333	99.356	99.374	99.388	99.399	99.416	99.433	99.449	99.458	99.466	99.474	99.482	99.491	99.499

3	34.116	30.817	29.457	28.710	28.237	27.911	27.672	27.489	27.345	27.229	27.052	26.872	26.690	26.598	26.505	26.411	26.316	26.221	26.125
4	21.198	18.000	16.694	15.977	15.522	15.207	14.976	14.799	14.659	14.546	14.374	14.198	14.020	13.929	13.838	13.745	13.652	13.558	13.463
5	16.258	13.274	12.060	11.392	10.967	10.672	10.456	10.289	10.158	10.051	9.888	9.722	9.553	9.466	9.379	9.291	9.202	9.112	9.020
6	13.745	10.925	9.780	9.148	8.746	8.466	8.260	8.102	7.976	7.874	7.718	7.559	7.396	7.313	7.229	7.143	7.057	6.969	6.880
7	12.246	9.547	8.451	7.847	7.460	7.191	6.993	6.840	6.719	6.620	6.469	6.314	6.155	6.074	5.992	5.908	5.824	5.737	5.650
8	11.259	8.649	7.591	7.006	6.632	6.371	6.178	6.029	5.911	5.814	5.667	5.515	5.359	5.279	5.198	5.116	5.032	4.946	4.859
9	10.561	8.022	6.992	6.422	6.057	5.802	5.613	5.467	5.351	5.257	5.111	4.962	4.808	4.729	4.649	4.567	4.483	4.398	4.311
10	10.044	7.559	6.552	5.994	5.636	5.386	5.200	5.057	4.942	4.849	4.706	4.558	4.405	4.327	4.247	4.165	4.082	3.996	3.909
11	9.646	7.206	6.217	5.668	5.316	5.069	4.886	4.744	4.632	4.539	4.397	4.251	4.099	4.021	3.941	3.860	3.776	3.690	3.602
12	9.330	6.927	5.953	5.412	5.064	4.821	4.640	4.499	4.388	4.296	4.155	4.010	3.858	3.780	3.701	3.619	3.535	3.449	3.361
13	9.074	6.701	5.739	5.205	4.862	4.620	4.441	4.302	4.191	4.100	3.960	3.815	3.665	3.587	3.507	3.425	3.341	3.255	3.165
14	8.862	6.515	5.564	5.035	4.695	4.456	4.278	4.140	4.030	3.939	3.800	3.656	3.505	3.427	3.348	3.266	3.181	3.094	3.004
15	8.683	6.359	5.417	4.893	4.556	4.318	4.142	4.004	3.895	3.805	3.666	3.522	3.372	3.294	3.214	3.132	3.047	2.959	2.868
16	8.531	6.226	5.292	4.773	4.437	4.202	4.026	3.890	3.780	3.691	3.553	3.409	3.259	3.181	3.101	3.018	2.933	2.845	2.753
17	8.400	6.112	5.185	4.669	4.336	4.102	3.927	3.791	3.682	3.593	3.455	3.312	3.162	3.084	3.003	2.920	2.835	2.746	2.653
18	8.285	6.013	5.092	4.579	4.248	4.015	3.841	3.705	3.597	3.508	3.371	3.227	3.077	2.999	2.919	2.835	2.749	2.660	2.566
19	8.185	5.926	5.010	4.500	4.171	3.939	3.765	3.631	3.523	3.434	3.297	3.153	3.003	2.925	2.844	2.761	2.674	2.584	2.489
20	8.096	5.849	4.938	4.431	4.103	3.871	3.699	3.564	3.457	3.368	3.231	3.088	2.938	2.859	2.778	2.695	2.608	2.517	2.421
21	8.017	5.780	4.874	4.369	4.042	3.812	3.640	3.506	3.398	3.310	3.173	3.030	2.880	2.801	2.720	2.636	2.548	2.457	2.360
22	7.945	5.719	4.817	4.313	3.988	3.758	3.587	3.453	3.346	3.258	3.121	2.978	2.827	2.749	2.667	2.583	2.495	2.403	2.305
23	7.881	5.664	4.765	4.264	3.939	3.710	3.539	3.406	3.299	3.211	3.074	2.931	2.781	2.702	2.620	2.535	2.447	2.354	2.256
24	7.823	5.614	4.718	4.218	3.895	3.667	3.496	3.363	3.256	3.168	3.032	2.889	2.738	2.659	2.577	2.492	2.403	2.310	2.211
25	7.770	5.568	4.675	4.177	3.855	3.627	3.457	3.324	3.217	3.129	2.993	2.850	2.699	2.620	2.538	2.453	2.364	2.270	2.169
26	7.721	5.526	4.637	4.140	3.818	3.591	3.421	3.288	3.182	3.094	2.958	2.815	2.664	2.585	2.503	2.417	2.327	2.233	2.131
27	7.677	5.488	4.601	4.106	3.785	3.558	3.388	3.256	3.149	3.062	2.926	2.783	2.632	2.552	2.470	2.384	2.294	2.198	2.097
28	7.636	5.453	4.568	4.074	3.754	3.528	3.358	3.226	3.120	3.032	2.896	2.753	2.602	2.522	2.440	2.354	2.263	2.167	2.064
29	7.598	5.420	4.538	4.045	3.725	3.499	3.330	3.198	3.092	3.005	2.868	2.726	2.574	2.495	2.412	2.325	2.234	2.138	2.034
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30	7.562	5.390	4.510	4.018	3.699	3.473	3.304	3.173	3.067	2.979	2.843	2.700	2.549	2.469	2.386	2.299	2.208	2.111	2.006
40	7.314	5.179	4.313	3.828	3.514	3.291	3.124	2.993	2.888	2.801	2.665	2.522	2.369	2.288	2.203	2.114	2.019	1.917	1.805
60	7.077	4.977	4.126	3.649	3.339	3.119	2.953	2.823	2.718	2.632	2.496	2.352	2.198	2.115	2.028	1.936	1.836	1.726	1.601
120	6.851	4.787	3.949	3.480	3.174	2.956	2.792	2.663	2.559	2.472	2.336	2.192	2.035	1.950	1.860	1.763	1.656	1.533	1.381
∞	6.635	4.605	3.782	3.319	3.017	2.802	2.639	2.511	2.407	2.321	2.185	2.039	1.878	1.791	1.696	1.592	1.473	1.325	1.000

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