

Lampiran

Distribusi F

| Denominator df | Probability of a larger F | Numerator df | | | | | | | | |
|----------------|---------------------------|--------------|--------|-------|-------|-------|-------|-------|-------|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | .100 | 39.86 | 49.50 | 55.99 | 58.83 | 57.24 | 59.20 | 58.91 | 59.44 | 59.86 |
| | .050 | 161.4 | 199.5 | 215.7 | 224.6 | 230.2 | 234.0 | 236.8 | 238.9 | 240.5 |
| | .025 | 647.8 | 799.5 | 864.2 | 899.6 | 921.8 | 937.1 | 948.2 | 956.7 | 963.5 |
| | .010 | 4052 | 4999.5 | 5403 | 5625 | 5764 | 5859 | 5920 | 5982 | 6022 |
| | .005 | 16211 | 20000 | 21615 | 22500 | 23056 | 23437 | 23715 | 23925 | 24091 |
| 2 | .100 | 8.33 | 9.00 | 9.16 | 9.24 | 9.29 | 9.33 | 9.35 | 9.37 | 9.38 |
| | .050 | 18.51 | 19.00 | 19.16 | 19.23 | 19.30 | 19.33 | 19.35 | 19.37 | 19.38 |
| | .025 | 30.31 | 30.00 | 30.17 | 30.23 | 30.30 | 30.33 | 30.36 | 30.37 | 30.38 |
| | .010 | 90.50 | 90.00 | 90.17 | 90.23 | 90.30 | 90.33 | 90.36 | 90.37 | 90.38 |
| | .005 | 198.3 | 199.0 | 199.2 | 199.2 | 199.3 | 199.3 | 199.3 | 199.4 | 199.4 |
| 3 | .100 | 5.54 | 5.46 | 5.39 | 5.34 | 5.31 | 5.29 | 5.27 | 5.25 | 5.24 |
| | .050 | 10.13 | 9.55 | 9.28 | 9.12 | 9.01 | 8.94 | 8.89 | 8.85 | 8.81 |
| | .025 | 17.44 | 16.04 | 15.44 | 15.10 | 14.88 | 14.73 | 14.62 | 14.54 | 14.47 |
| | .010 | 34.12 | 30.82 | 29.46 | 28.71 | 28.24 | 27.91 | 27.67 | 27.49 | 27.35 |
| | .005 | 55.53 | 49.80 | 47.47 | 46.19 | 45.39 | 44.81 | 44.43 | 44.13 | 43.88 |
| 4 | .100 | 4.54 | 4.32 | 4.19 | 4.11 | 4.05 | 4.01 | 3.98 | 3.95 | 3.94 |
| | .050 | 7.71 | 6.94 | 6.59 | 6.39 | 6.26 | 6.16 | 6.09 | 6.04 | 6.00 |
| | .025 | 12.22 | 10.65 | 9.90 | 9.60 | 9.36 | 9.20 | 9.07 | 8.98 | 8.90 |
| | .010 | 21.20 | 18.00 | 16.69 | 15.98 | 15.52 | 15.21 | 14.98 | 14.80 | 14.66 |
| | .005 | 31.33 | 26.28 | 24.26 | 23.15 | 22.46 | 21.97 | 21.62 | 21.35 | 21.14 |
| 5 | .100 | 4.06 | 3.78 | 3.62 | 3.52 | 3.45 | 3.40 | 3.37 | 3.34 | 3.32 |
| | .050 | 6.61 | 5.79 | 5.41 | 5.19 | 5.05 | 4.95 | 4.88 | 4.82 | 4.77 |
| | .025 | 10.01 | 8.43 | 7.76 | 7.39 | 7.15 | 6.98 | 6.85 | 6.76 | 6.68 |
| | .010 | 16.26 | 13.27 | 12.06 | 11.39 | 10.97 | 10.67 | 10.46 | 10.29 | 10.16 |
| | .005 | 22.78 | 18.31 | 16.53 | 15.56 | 14.94 | 14.51 | 14.20 | 13.96 | 13.77 |
| 6 | .100 | 3.78 | 3.46 | 3.29 | 3.18 | 3.11 | 3.05 | 3.01 | 2.99 | 2.96 |
| | .050 | 5.99 | 5.14 | 4.76 | 4.53 | 4.39 | 4.28 | 4.21 | 4.15 | 4.10 |
| | .025 | 8.81 | 7.26 | 6.60 | 6.23 | 5.99 | 5.82 | 5.70 | 5.60 | 5.52 |
| | .010 | 13.75 | 10.92 | 9.78 | 9.15 | 8.75 | 8.47 | 8.26 | 8.10 | 7.98 |
| | .005 | 18.63 | 14.54 | 12.92 | 12.03 | 11.46 | 11.07 | 10.79 | 10.57 | 10.39 |
| 7 | .100 | 3.59 | 3.26 | 3.07 | 2.96 | 2.88 | 2.83 | 2.78 | 2.75 | 2.72 |
| | .050 | 5.59 | 4.74 | 4.35 | 4.12 | 3.97 | 3.87 | 3.79 | 3.73 | 3.68 |
| | .025 | 8.07 | 6.54 | 5.89 | 5.52 | 5.29 | 5.12 | 4.99 | 4.90 | 4.82 |
| | .010 | 12.25 | 9.55 | 8.45 | 7.85 | 7.46 | 7.19 | 6.99 | 6.84 | 6.72 |
| | .005 | 16.24 | 12.40 | 10.88 | 10.05 | 9.52 | 9.16 | 8.89 | 8.68 | 8.51 |
| 8 | .100 | 3.46 | 3.11 | 2.92 | 2.81 | 2.73 | 2.67 | 2.62 | 2.59 | 2.56 |
| | .050 | 5.32 | 4.46 | 4.07 | 3.84 | 3.69 | 3.58 | 3.50 | 3.44 | 3.39 |
| | .025 | 7.57 | 6.06 | 5.42 | 5.05 | 4.82 | 4.65 | 4.53 | 4.43 | 4.36 |
| | .010 | 11.26 | 8.65 | 7.59 | 7.01 | 6.63 | 6.37 | 6.16 | 6.03 | 5.91 |
| | .005 | 14.69 | 11.04 | 9.60 | 8.81 | 8.30 | 7.95 | 7.69 | 7.50 | 7.34 |
| 9 | .100 | 3.35 | 3.01 | 2.81 | 2.69 | 2.61 | 2.55 | 2.51 | 2.47 | 2.44 |
| | .050 | 5.12 | 4.26 | 3.86 | 3.63 | 3.48 | 3.37 | 3.29 | 3.23 | 3.18 |
| | .025 | 7.21 | 5.71 | 5.08 | 4.72 | 4.48 | 4.32 | 4.20 | 4.10 | 4.03 |
| | .010 | 10.56 | 8.02 | 6.99 | 6.42 | 6.06 | 5.80 | 5.61 | 5.47 | 5.35 |
| | .005 | 13.61 | 10.11 | 8.72 | 7.96 | 7.47 | 7.13 | 6.88 | 6.69 | 6.51 |
| 10 | .100 | 3.29 | 2.92 | 2.73 | 2.61 | 2.52 | 2.46 | 2.41 | 2.38 | 2.35 |
| | .050 | 4.96 | 4.10 | 3.71 | 3.48 | 3.33 | 3.22 | 3.14 | 3.07 | 3.02 |
| | .025 | 6.94 | 5.46 | 4.83 | 4.47 | 4.24 | 4.07 | 3.95 | 3.85 | 3.78 |
| | .010 | 10.04 | 7.56 | 6.55 | 5.99 | 5.64 | 5.39 | 5.20 | 5.06 | 4.94 |
| | .005 | 12.83 | 9.43 | 8.08 | 7.34 | 6.87 | 6.54 | 6.30 | 6.12 | 5.97 |
| 11 | .100 | 3.23 | 2.86 | 2.66 | 2.54 | 2.45 | 2.39 | 2.34 | 2.30 | 2.27 |
| | .050 | 4.84 | 3.98 | 3.59 | 3.36 | 3.20 | 3.09 | 3.01 | 2.95 | 2.90 |
| | .025 | 6.72 | 5.20 | 4.63 | 4.28 | 4.04 | 3.88 | 3.76 | 3.66 | 3.59 |
| | .010 | 9.65 | 7.21 | 6.22 | 5.67 | 5.32 | 5.07 | 4.89 | 4.74 | 4.63 |
| | .005 | 12.23 | 8.91 | 7.60 | 6.88 | 6.42 | 6.10 | 5.85 | 5.68 | 5.54 |
| 12 | .100 | 3.18 | 2.81 | 2.61 | 2.48 | 2.39 | 2.33 | 2.28 | 2.24 | 2.21 |
| | .050 | 4.73 | 3.89 | 3.49 | 3.26 | 3.11 | 3.00 | 2.91 | 2.85 | 2.80 |
| | .025 | 6.55 | 5.10 | 4.47 | 4.12 | 3.89 | 3.73 | 3.61 | 3.51 | 3.44 |
| | .010 | 9.33 | 6.93 | 5.95 | 5.41 | 5.06 | 4.82 | 4.64 | 4.50 | 4.39 |
| | .005 | 11.75 | 8.51 | 7.23 | 6.52 | 6.07 | 5.76 | 5.52 | 5.35 | 5.20 |
| 13 | .100 | 3.14 | 2.76 | 2.56 | 2.43 | 2.35 | 2.28 | 2.23 | 2.20 | 2.16 |
| | .050 | 4.67 | 3.81 | 3.41 | 3.18 | 3.03 | 2.92 | 2.83 | 2.77 | 2.71 |
| | .025 | 6.41 | 4.97 | 4.35 | 4.00 | 3.77 | 3.60 | 3.48 | 3.39 | 3.31 |
| | .010 | 9.07 | 6.70 | 5.74 | 5.21 | 4.86 | 4.62 | 4.44 | 4.30 | 4.19 |
| | .005 | 11.37 | 8.19 | 6.93 | 6.23 | 5.79 | 5.48 | 5.25 | 5.08 | 4.94 |
| 14 | .100 | 3.10 | 2.73 | 2.52 | 2.39 | 2.31 | 2.24 | 2.19 | 2.15 | 2.12 |
| | .050 | 4.60 | 3.74 | 3.34 | 3.11 | 2.96 | 2.85 | 2.76 | 2.70 | 2.65 |
| | .025 | 6.30 | 4.86 | 4.24 | 3.89 | 3.66 | 3.50 | 3.38 | 3.29 | 3.21 |
| | .010 | 8.86 | 6.51 | 5.56 | 5.04 | 4.69 | 4.46 | 4.28 | 4.14 | 4.03 |
| | .005 | 11.06 | 7.92 | 6.68 | 6.00 | 5.56 | 5.26 | 5.03 | 4.86 | 4.72 |

| Numerator # | | | | | | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----|
| 10 | 12 | 15 | 20 | 24 | 30 | 40 | 60 | 120 | ∞ | F | # |
| 60.18 | 60.71 | 61.22 | 61.73 | 62.24 | 62.75 | 63.26 | 63.77 | 64.28 | 64.79 | .100 | 1 |
| 241.9 | 243.9 | 245.9 | 248.0 | 249.1 | 250.1 | 251.1 | 252.2 | 253.3 | 254.3 | .050 | |
| 960.6 | 976.7 | 981.9 | 993.1 | 997.2 | 1001 | 1006 | 1010 | 1014 | 1018 | .025 | |
| 6056 | 6106 | 6157 | 6209 | 6255 | 6261 | 6277 | 6313 | 6319 | 6366 | .010 | |
| 21221 | 21126 | 21030 | 21046 | 21010 | 21014 | 21010 | 21021 | 21029 | 21065 | .005 | |
| 9.39 | 9.41 | 9.42 | 9.41 | 9.45 | 9.46 | 9.47 | 9.47 | 9.48 | 9.49 | .100 | 2 |
| 19.40 | 19.41 | 19.43 | 19.45 | 19.45 | 19.46 | 19.47 | 19.48 | 19.49 | 19.50 | .050 | |
| 39.40 | 39.41 | 39.43 | 39.45 | 39.46 | 39.46 | 39.47 | 39.48 | 39.49 | 39.50 | .025 | |
| 99.40 | 99.41 | 99.43 | 99.44 | 99.44 | 99.44 | 99.47 | 99.47 | 99.48 | 99.49 | .010 | |
| 199.4 | 199.4 | 199.4 | 199.4 | 199.5 | 199.5 | 199.5 | 199.5 | 199.5 | 199.5 | .005 | |
| 5.23 | 5.22 | 5.20 | 5.18 | 5.19 | 5.17 | 5.16 | 5.15 | 5.14 | 5.13 | .100 | 3 |
| 8.79 | 8.71 | 8.70 | 8.66 | 8.66 | 8.62 | 8.59 | 8.57 | 8.55 | 8.53 | .050 | |
| 14.42 | 14.31 | 14.25 | 14.17 | 14.12 | 14.00 | 14.01 | 13.99 | 13.95 | 13.90 | .025 | |
| 27.73 | 27.05 | 26.87 | 26.69 | 26.60 | 26.30 | 26.41 | 26.32 | 26.22 | 26.13 | .010 | |
| 41.69 | 41.19 | 41.00 | 42.70 | 42.67 | 42.47 | 42.31 | 42.15 | 41.99 | 41.83 | .005 | |
| 3.92 | 3.90 | 3.87 | 3.81 | 3.81 | 3.80 | 3.80 | 3.79 | 3.78 | 3.78 | .100 | 4 |
| 5.00 | 5.91 | 5.88 | 5.80 | 5.77 | 5.75 | 5.72 | 5.69 | 5.66 | 5.63 | .050 | |
| 8.84 | 8.75 | 8.68 | 8.58 | 8.51 | 8.46 | 8.41 | 8.36 | 8.31 | 8.26 | .025 | |
| 14.53 | 14.37 | 14.20 | 14.02 | 13.93 | 13.84 | 13.75 | 13.65 | 13.56 | 13.46 | .010 | |
| 20.97 | 20.70 | 20.44 | 20.17 | 20.07 | 19.99 | 19.93 | 19.87 | 19.81 | 19.72 | .005 | |
| 3.30 | 3.27 | 3.24 | 3.21 | 3.19 | 3.17 | 3.16 | 3.14 | 3.12 | 3.10 | .100 | 5 |
| 4.74 | 4.68 | 4.62 | 4.56 | 4.53 | 4.50 | 4.46 | 4.43 | 4.40 | 4.36 | .050 | |
| 6.62 | 6.52 | 6.43 | 6.33 | 6.20 | 6.23 | 6.10 | 6.12 | 6.07 | 6.02 | .025 | |
| 10.05 | 9.89 | 9.72 | 9.55 | 9.47 | 9.30 | 9.29 | 9.20 | 9.11 | 9.02 | .010 | |
| 13.52 | 13.30 | 13.15 | 12.90 | 12.70 | 12.66 | 12.53 | 12.40 | 12.27 | 12.14 | .005 | |
| 2.91 | 2.90 | 2.87 | 2.84 | 2.82 | 2.80 | 2.78 | 2.76 | 2.74 | 2.72 | .100 | 6 |
| 4.06 | 4.05 | 4.01 | 3.97 | 3.91 | 3.81 | 3.77 | 3.74 | 3.70 | 3.67 | .050 | |
| 5.46 | 5.37 | 5.27 | 5.17 | 5.12 | 5.07 | 5.01 | 4.96 | 4.90 | 4.85 | .025 | |
| 7.07 | 7.12 | 7.56 | 7.40 | 7.31 | 7.23 | 7.11 | 7.05 | 6.97 | 6.88 | .010 | |
| 10.25 | 10.03 | 9.81 | 9.59 | 9.47 | 9.36 | 9.24 | 9.12 | 9.00 | 8.88 | .005 | |
| 2.70 | 2.67 | 2.63 | 2.59 | 2.58 | 2.56 | 2.54 | 2.51 | 2.49 | 2.47 | .100 | 7 |
| 3.64 | 3.57 | 3.51 | 3.44 | 3.41 | 3.30 | 3.33 | 3.27 | 3.23 | 3.23 | .050 | |
| 4.76 | 4.67 | 4.57 | 4.47 | 4.42 | 4.36 | 4.31 | 4.25 | 4.20 | 4.14 | .025 | |
| 6.62 | 6.47 | 6.31 | 6.16 | 6.07 | 5.99 | 5.91 | 5.82 | 5.74 | 5.65 | .010 | |
| 8.38 | 8.18 | 7.97 | 7.75 | 7.65 | 7.57 | 7.42 | 7.31 | 7.19 | 7.08 | .005 | |
| 2.34 | 2.50 | 2.46 | 2.42 | 2.40 | 2.38 | 2.36 | 2.31 | 2.32 | 2.29 | .100 | 8 |
| 3.33 | 3.20 | 3.22 | 3.15 | 3.12 | 3.08 | 3.04 | 3.01 | 2.97 | 2.93 | .050 | |
| 4.30 | 4.20 | 4.10 | 4.00 | 3.95 | 3.89 | 3.84 | 3.76 | 3.73 | 3.67 | .025 | |
| 5.81 | 5.67 | 5.52 | 5.36 | 5.28 | 5.20 | 5.12 | 5.03 | 4.95 | 4.86 | .010 | |
| 7.21 | 7.01 | 6.81 | 6.61 | 6.50 | 6.40 | 6.29 | 6.18 | 6.06 | 5.95 | .005 | |
| 2.47 | 2.38 | 2.34 | 2.30 | 2.28 | 2.25 | 2.23 | 2.21 | 2.18 | 2.16 | .100 | 9 |
| 3.14 | 3.07 | 3.01 | 2.94 | 2.90 | 2.88 | 2.85 | 2.81 | 2.78 | 2.75 | .050 | |
| 3.96 | 3.87 | 3.77 | 3.67 | 3.61 | 3.58 | 3.53 | 3.48 | 3.39 | 3.33 | .025 | |
| 5.26 | 5.11 | 4.98 | 4.81 | 4.73 | 4.65 | 4.57 | 4.48 | 4.40 | 4.31 | .010 | |
| 6.42 | 6.23 | 6.03 | 5.83 | 5.73 | 5.62 | 5.52 | 5.41 | 5.30 | 5.19 | .005 | |
| 2.32 | 2.28 | 2.24 | 2.20 | 2.18 | 2.16 | 2.13 | 2.11 | 2.08 | 2.06 | .100 | 10 |
| 2.90 | 2.91 | 2.85 | 2.77 | 2.74 | 2.70 | 2.66 | 2.62 | 2.58 | 2.54 | .050 | |
| 3.72 | 3.62 | 3.52 | 3.42 | 3.37 | 3.31 | 3.26 | 3.20 | 3.14 | 3.08 | .025 | |
| 4.84 | 4.71 | 4.56 | 4.41 | 4.31 | 4.23 | 4.17 | 4.00 | 4.00 | 3.91 | .010 | |
| 5.85 | 5.66 | 5.47 | 5.27 | 5.17 | 5.07 | 4.97 | 4.86 | 4.75 | 4.64 | .005 | |
| 2.24 | 2.21 | 2.17 | 2.12 | 2.10 | 2.08 | 2.05 | 2.03 | 2.00 | 1.97 | .100 | 11 |
| 2.83 | 2.79 | 2.72 | 2.65 | 2.61 | 2.57 | 2.51 | 2.49 | 2.45 | 2.40 | .050 | |
| 3.33 | 3.43 | 3.33 | 3.23 | 3.17 | 3.12 | 3.06 | 3.00 | 2.94 | 2.88 | .025 | |
| 4.34 | 4.40 | 4.25 | 4.10 | 4.02 | 3.94 | 3.88 | 3.78 | 3.69 | 3.60 | .010 | |
| 3.42 | 5.24 | 5.05 | 4.86 | 4.76 | 4.65 | 4.55 | 4.44 | 4.34 | 4.23 | .005 | |
| 2.19 | 2.15 | 2.10 | 2.06 | 2.04 | 2.01 | 1.99 | 1.96 | 1.93 | 1.90 | .100 | 12 |
| 2.75 | 2.69 | 2.62 | 2.54 | 2.51 | 2.47 | 2.43 | 2.39 | 2.34 | 2.30 | .050 | |
| 3.37 | 3.28 | 3.18 | 3.07 | 3.02 | 2.96 | 2.91 | 2.83 | 2.79 | 2.72 | .025 | |
| 4.30 | 4.16 | 4.01 | 3.86 | 3.70 | 3.70 | 3.62 | 3.54 | 3.45 | 3.36 | .010 | |
| 5.09 | 4.91 | 4.72 | 4.53 | 4.43 | 4.33 | 4.23 | 4.12 | 4.01 | 3.90 | .005 | |
| 2.14 | 2.10 | 2.05 | 2.01 | 1.98 | 1.96 | 1.93 | 1.90 | 1.88 | 1.85 | .100 | 13 |
| 2.67 | 2.60 | 2.53 | 2.46 | 2.42 | 2.38 | 2.34 | 2.30 | 2.25 | 2.21 | .050 | |
| 3.25 | 3.15 | 3.05 | 2.95 | 2.89 | 2.84 | 2.76 | 2.72 | 2.66 | 2.60 | .025 | |
| 4.10 | 3.96 | 3.82 | 3.66 | 3.59 | 3.51 | 3.43 | 3.34 | 3.25 | 3.17 | .010 | |
| 4.82 | 4.64 | 4.46 | 4.27 | 4.17 | 4.07 | 3.97 | 3.87 | 3.76 | 3.65 | .005 | |
| 2.10 | 2.05 | 2.01 | 1.96 | 1.91 | 1.91 | 1.89 | 1.86 | 1.83 | 1.80 | .100 | 14 |
| 2.60 | 2.53 | 2.46 | 2.39 | 2.35 | 2.31 | 2.27 | 2.22 | 2.18 | 2.13 | .050 | |
| 3.15 | 3.05 | 2.93 | 2.84 | 2.79 | 2.73 | 2.67 | 2.61 | 2.55 | 2.49 | .025 | |
| 3.91 | 3.80 | 3.66 | 3.51 | 3.43 | 3.35 | 3.27 | 3.18 | 3.09 | 3.00 | .010 | |
| 4.60 | 4.43 | 4.25 | 4.06 | 3.96 | 3.86 | 3.76 | 3.66 | 3.55 | 3.44 | .005 | |

| Denominator <i>df</i> | Probability of a larger <i>F</i> | Numerator <i>df</i> | | | | | | | | |
|-----------------------|----------------------------------|---------------------|------|------|------|------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 15 | .100 | 3.07 | 2.70 | 2.49 | 2.36 | 2.27 | 2.21 | 2.16 | 2.12 | 2.09 |
| | .050 | 4.54 | 3.68 | 3.29 | 3.06 | 2.90 | 2.79 | 2.71 | 2.64 | 2.59 |
| | .025 | 6.20 | 4.77 | 4.15 | 3.80 | 3.58 | 3.41 | 3.29 | 3.20 | 3.12 |
| | .010 | 8.68 | 6.36 | 5.42 | 4.89 | 4.56 | 4.32 | 4.14 | 4.00 | 3.89 |
| | .005 | 10.80 | 7.70 | 6.48 | 5.80 | 5.37 | 5.07 | 4.85 | 4.67 | 4.54 |
| 16 | .100 | 3.05 | 2.67 | 2.46 | 2.33 | 2.24 | 2.18 | 2.13 | 2.09 | 2.06 |
| | .050 | 4.49 | 3.63 | 3.24 | 3.01 | 2.85 | 2.74 | 2.66 | 2.59 | 2.54 |
| | .025 | 6.12 | 4.69 | 4.08 | 3.73 | 3.50 | 3.34 | 3.22 | 3.12 | 3.05 |
| | .010 | 8.53 | 6.23 | 5.29 | 4.77 | 4.44 | 4.20 | 4.03 | 3.89 | 3.78 |
| | .005 | 10.58 | 7.51 | 6.30 | 5.64 | 5.21 | 4.91 | 4.69 | 4.52 | 4.38 |
| 17 | .100 | 3.03 | 2.64 | 2.44 | 2.31 | 2.22 | 2.15 | 2.10 | 2.06 | 2.03 |
| | .050 | 4.45 | 3.59 | 3.20 | 2.96 | 2.81 | 2.70 | 2.61 | 2.55 | 2.49 |
| | .025 | 6.04 | 4.62 | 4.01 | 3.66 | 3.44 | 3.28 | 3.16 | 3.06 | 2.98 |
| | .010 | 8.40 | 6.11 | 5.18 | 4.67 | 4.34 | 4.10 | 3.93 | 3.79 | 3.68 |
| | .005 | 10.38 | 7.35 | 6.16 | 5.50 | 5.07 | 4.78 | 4.56 | 4.39 | 4.25 |
| 18 | .100 | 3.01 | 2.62 | 2.42 | 2.29 | 2.20 | 2.13 | 2.08 | 2.04 | 2.00 |
| | .050 | 4.41 | 3.55 | 3.16 | 2.93 | 2.77 | 2.66 | 2.58 | 2.51 | 2.46 |
| | .025 | 5.98 | 4.56 | 3.95 | 3.61 | 3.38 | 3.22 | 3.10 | 3.01 | 2.93 |
| | .010 | 8.29 | 6.01 | 5.09 | 4.58 | 4.25 | 4.01 | 3.84 | 3.71 | 3.60 |
| | .005 | 10.22 | 7.21 | 6.03 | 5.37 | 4.96 | 4.66 | 4.44 | 4.28 | 4.14 |
| 19 | .100 | 2.99 | 2.61 | 2.40 | 2.27 | 2.18 | 2.11 | 2.06 | 2.01 | 1.98 |
| | .050 | 4.38 | 3.52 | 3.13 | 2.90 | 2.74 | 2.63 | 2.54 | 2.48 | 2.42 |
| | .025 | 5.92 | 4.51 | 3.90 | 3.56 | 3.33 | 3.17 | 3.05 | 2.96 | 2.88 |
| | .010 | 8.18 | 5.93 | 5.01 | 4.50 | 4.17 | 3.94 | 3.77 | 3.63 | 3.52 |
| | .005 | 10.07 | 7.09 | 5.92 | 5.27 | 4.85 | 4.56 | 4.34 | 4.18 | 4.04 |
| 20 | .100 | 2.97 | 2.59 | 2.38 | 2.25 | 2.16 | 2.09 | 2.04 | 2.00 | 1.96 |
| | .050 | 4.35 | 3.49 | 3.10 | 2.87 | 2.71 | 2.60 | 2.51 | 2.45 | 2.39 |
| | .025 | 5.87 | 4.46 | 3.86 | 3.51 | 3.29 | 3.13 | 3.01 | 2.91 | 2.84 |
| | .010 | 8.10 | 5.85 | 4.94 | 4.43 | 4.10 | 3.87 | 3.70 | 3.56 | 3.46 |
| | .005 | 9.94 | 6.99 | 5.82 | 5.17 | 4.76 | 4.47 | 4.26 | 4.09 | 3.96 |
| 21 | .100 | 2.96 | 2.57 | 2.36 | 2.23 | 2.14 | 2.08 | 2.02 | 1.98 | 1.95 |
| | .050 | 4.32 | 3.47 | 3.07 | 2.84 | 2.68 | 2.57 | 2.49 | 2.42 | 2.37 |
| | .025 | 5.83 | 4.42 | 3.82 | 3.48 | 3.25 | 3.09 | 2.97 | 2.87 | 2.80 |
| | .010 | 8.02 | 5.78 | 4.87 | 4.37 | 4.04 | 3.81 | 3.64 | 3.51 | 3.40 |
| | .005 | 9.83 | 6.89 | 5.73 | 5.09 | 4.68 | 4.39 | 4.18 | 4.01 | 3.88 |
| 22 | .100 | 2.95 | 2.56 | 2.35 | 2.22 | 2.13 | 2.06 | 2.01 | 1.97 | 1.93 |
| | .050 | 4.30 | 3.44 | 3.05 | 2.82 | 2.66 | 2.55 | 2.46 | 2.40 | 2.34 |
| | .025 | 5.79 | 4.38 | 3.78 | 3.44 | 3.22 | 3.05 | 2.93 | 2.84 | 2.76 |
| | .010 | 7.95 | 5.72 | 4.82 | 4.31 | 3.99 | 3.76 | 3.59 | 3.45 | 3.35 |
| | .005 | 9.73 | 6.81 | 5.65 | 5.02 | 4.61 | 4.32 | 4.11 | 3.94 | 3.81 |
| 23 | .100 | 2.94 | 2.55 | 2.34 | 2.21 | 2.11 | 2.05 | 1.99 | 1.95 | 1.92 |
| | .050 | 4.28 | 3.42 | 3.03 | 2.80 | 2.64 | 2.53 | 2.44 | 2.37 | 2.32 |
| | .025 | 5.75 | 4.35 | 3.75 | 3.41 | 3.18 | 3.02 | 2.90 | 2.81 | 2.73 |
| | .010 | 7.88 | 5.66 | 4.76 | 4.26 | 3.94 | 3.71 | 3.54 | 3.41 | 3.30 |
| | .005 | 9.63 | 6.71 | 5.56 | 4.95 | 4.54 | 4.26 | 4.05 | 3.88 | 3.75 |
| 24 | .100 | 2.93 | 2.54 | 2.33 | 2.19 | 2.10 | 2.04 | 1.98 | 1.94 | 1.91 |
| | .050 | 4.26 | 3.40 | 3.01 | 2.78 | 2.62 | 2.51 | 2.42 | 2.36 | 2.30 |
| | .025 | 5.72 | 4.32 | 3.72 | 3.38 | 3.15 | 2.99 | 2.87 | 2.78 | 2.70 |
| | .010 | 7.82 | 5.61 | 4.72 | 4.22 | 3.90 | 3.67 | 3.50 | 3.36 | 3.26 |
| | .005 | 9.55 | 6.66 | 5.52 | 4.89 | 4.49 | 4.20 | 3.99 | 3.83 | 3.69 |
| 25 | .100 | 2.92 | 2.53 | 2.32 | 2.18 | 2.09 | 2.02 | 1.97 | 1.93 | 1.89 |
| | .050 | 4.24 | 3.39 | 2.99 | 2.76 | 2.60 | 2.49 | 2.40 | 2.34 | 2.28 |
| | .025 | 5.69 | 4.29 | 3.69 | 3.35 | 3.13 | 2.97 | 2.85 | 2.75 | 2.68 |
| | .010 | 7.77 | 5.57 | 4.68 | 4.18 | 3.85 | 3.63 | 3.46 | 3.32 | 3.22 |
| | .005 | 9.48 | 6.60 | 5.46 | 4.84 | 4.43 | 4.15 | 3.94 | 3.78 | 3.64 |
| 26 | .100 | 2.91 | 2.52 | 2.31 | 2.17 | 2.08 | 2.01 | 1.96 | 1.92 | 1.88 |
| | .050 | 4.23 | 3.37 | 2.98 | 2.74 | 2.59 | 2.47 | 2.39 | 2.32 | 2.27 |
| | .025 | 5.66 | 4.27 | 3.67 | 3.33 | 3.10 | 2.94 | 2.82 | 2.73 | 2.65 |
| | .010 | 7.72 | 5.53 | 4.64 | 4.14 | 3.82 | 3.59 | 3.42 | 3.29 | 3.18 |
| | .005 | 9.41 | 6.54 | 5.41 | 4.79 | 4.38 | 4.10 | 3.89 | 3.73 | 3.60 |
| 27 | .100 | 2.90 | 2.51 | 2.30 | 2.17 | 2.07 | 2.00 | 1.95 | 1.91 | 1.87 |
| | .050 | 4.21 | 3.35 | 2.96 | 2.73 | 2.57 | 2.46 | 2.37 | 2.31 | 2.25 |
| | .025 | 5.63 | 4.24 | 3.63 | 3.31 | 3.08 | 2.92 | 2.80 | 2.71 | 2.63 |
| | .010 | 7.68 | 5.49 | 4.60 | 4.11 | 3.78 | 3.56 | 3.39 | 3.26 | 3.15 |
| | .005 | 9.34 | 6.49 | 5.36 | 4.74 | 4.34 | 4.06 | 3.85 | 3.69 | 3.56 |
| 28 | .100 | 2.89 | 2.50 | 2.29 | 2.16 | 2.06 | 2.00 | 1.94 | 1.90 | 1.87 |
| | .050 | 4.20 | 3.34 | 2.95 | 2.71 | 2.56 | 2.45 | 2.36 | 2.29 | 2.24 |
| | .025 | 5.61 | 4.22 | 3.63 | 3.29 | 3.06 | 2.90 | 2.78 | 2.69 | 2.61 |
| | .010 | 7.64 | 5.45 | 4.57 | 4.07 | 3.75 | 3.53 | 3.36 | 3.23 | 3.12 |
| | .005 | 9.28 | 6.44 | 5.32 | 4.70 | 4.30 | 4.02 | 3.81 | 3.65 | 3.52 |

| Numerator d' | | | | | | | | | | | | |
|----------------|------|------|------|------|------|------|------|------|----------|------|------|--|
| 10 | 12 | 15 | 20 | 24 | 30 | 40 | 60 | 120 | ∞ | P | d' | |
| 2.06 | 2.02 | 1.97 | 1.92 | 1.90 | 1.87 | 1.85 | 1.82 | 1.79 | 1.76 | .100 | 15 | |
| 2.54 | 2.48 | 2.40 | 2.33 | 2.29 | 2.25 | 2.20 | 2.16 | 2.11 | 2.07 | .050 | | |
| 3.06 | 2.96 | 2.86 | 2.76 | 2.70 | 2.64 | 2.59 | 2.52 | 2.46 | 2.40 | .025 | | |
| 3.80 | 3.67 | 3.52 | 3.37 | 3.29 | 3.21 | 3.13 | 3.05 | 2.96 | 2.87 | .010 | | |
| 4.42 | 4.25 | 4.07 | 3.88 | 3.79 | 3.69 | 3.58 | 3.48 | 3.37 | 3.26 | .005 | | |
| 2.03 | 1.99 | 1.94 | 1.89 | 1.87 | 1.84 | 1.81 | 1.78 | 1.75 | 1.72 | .100 | 16 | |
| 2.49 | 2.42 | 2.35 | 2.28 | 2.24 | 2.19 | 2.15 | 2.11 | 2.06 | 2.01 | .050 | | |
| 2.99 | 2.89 | 2.79 | 2.68 | 2.63 | 2.57 | 2.51 | 2.45 | 2.38 | 2.32 | .025 | | |
| 3.69 | 3.55 | 3.41 | 3.26 | 3.18 | 3.10 | 3.02 | 2.93 | 2.84 | 2.75 | .010 | | |
| 4.27 | 4.10 | 3.92 | 3.73 | 3.64 | 3.54 | 3.44 | 3.33 | 3.22 | 3.11 | .005 | | |
| 2.00 | 1.96 | 1.91 | 1.86 | 1.84 | 1.81 | 1.78 | 1.75 | 1.72 | 1.69 | .100 | 17 | |
| 2.45 | 2.38 | 2.31 | 2.23 | 2.19 | 2.15 | 2.10 | 2.06 | 2.01 | 1.96 | .050 | | |
| 2.92 | 2.82 | 2.72 | 2.62 | 2.56 | 2.50 | 2.44 | 2.38 | 2.32 | 2.25 | .025 | | |
| 3.59 | 3.46 | 3.31 | 3.16 | 3.08 | 3.00 | 2.92 | 2.83 | 2.75 | 2.65 | .010 | | |
| 4.14 | 3.97 | 3.79 | 3.61 | 3.51 | 3.41 | 3.31 | 3.21 | 3.10 | 2.98 | .005 | | |
| 1.99 | 1.93 | 1.89 | 1.84 | 1.81 | 1.78 | 1.75 | 1.72 | 1.69 | 1.66 | .100 | 18 | |
| 2.41 | 2.34 | 2.27 | 2.19 | 2.15 | 2.11 | 2.06 | 2.02 | 1.97 | 1.92 | .050 | | |
| 2.87 | 2.77 | 2.67 | 2.56 | 2.50 | 2.44 | 2.38 | 2.32 | 2.26 | 2.19 | .025 | | |
| 3.51 | 3.37 | 3.23 | 3.08 | 3.00 | 2.92 | 2.84 | 2.75 | 2.66 | 2.57 | .010 | | |
| 4.03 | 3.86 | 3.68 | 3.50 | 3.40 | 3.30 | 3.20 | 3.10 | 2.99 | 2.87 | .005 | | |
| 1.96 | 1.91 | 1.86 | 1.81 | 1.79 | 1.76 | 1.73 | 1.70 | 1.67 | 1.63 | .100 | 19 | |
| 2.38 | 2.31 | 2.23 | 2.16 | 2.11 | 2.07 | 2.03 | 1.99 | 1.93 | 1.88 | .050 | | |
| 2.84 | 2.72 | 2.62 | 2.51 | 2.45 | 2.39 | 2.33 | 2.27 | 2.20 | 2.13 | .025 | | |
| 3.41 | 3.28 | 3.15 | 3.00 | 2.92 | 2.84 | 2.76 | 2.67 | 2.58 | 2.49 | .010 | | |
| 3.93 | 3.76 | 3.59 | 3.40 | 3.31 | 3.21 | 3.11 | 3.00 | 2.89 | 2.78 | .005 | | |
| 1.91 | 1.89 | 1.84 | 1.79 | 1.77 | 1.74 | 1.71 | 1.69 | 1.64 | 1.61 | .100 | 20 | |
| 2.35 | 2.28 | 2.20 | 2.12 | 2.08 | 2.04 | 1.99 | 1.95 | 1.90 | 1.84 | .050 | | |
| 2.77 | 2.68 | 2.57 | 2.46 | 2.41 | 2.35 | 2.29 | 2.22 | 2.16 | 2.09 | .025 | | |
| 3.37 | 3.23 | 3.09 | 2.91 | 2.86 | 2.79 | 2.69 | 2.61 | 2.52 | 2.42 | .010 | | |
| 3.85 | 3.68 | 3.50 | 3.32 | 3.22 | 3.12 | 3.02 | 2.92 | 2.81 | 2.69 | .005 | | |
| 1.92 | 1.87 | 1.83 | 1.78 | 1.75 | 1.72 | 1.69 | 1.66 | 1.62 | 1.59 | .100 | 21 | |
| 2.32 | 2.25 | 2.17 | 2.10 | 2.05 | 2.01 | 1.96 | 1.92 | 1.87 | 1.81 | .050 | | |
| 2.73 | 2.64 | 2.54 | 2.42 | 2.37 | 2.31 | 2.25 | 2.18 | 2.10 | 2.04 | .025 | | |
| 3.31 | 3.17 | 3.01 | 2.85 | 2.80 | 2.72 | 2.64 | 2.55 | 2.46 | 2.36 | .010 | | |
| 3.77 | 3.60 | 3.43 | 3.24 | 3.15 | 3.05 | 2.95 | 2.84 | 2.73 | 2.61 | .005 | | |
| 1.90 | 1.86 | 1.81 | 1.76 | 1.74 | 1.70 | 1.67 | 1.64 | 1.60 | 1.57 | .100 | 22 | |
| 2.30 | 2.23 | 2.15 | 2.07 | 2.03 | 1.98 | 1.91 | 1.89 | 1.84 | 1.78 | .050 | | |
| 2.70 | 2.60 | 2.50 | 2.39 | 2.33 | 2.27 | 2.21 | 2.14 | 2.06 | 2.00 | .025 | | |
| 3.26 | 3.12 | 2.98 | 2.81 | 2.75 | 2.67 | 2.58 | 2.50 | 2.40 | 2.31 | .010 | | |
| 3.70 | 3.54 | 3.36 | 3.18 | 3.08 | 2.98 | 2.88 | 2.77 | 2.66 | 2.55 | .005 | | |
| 1.89 | 1.84 | 1.80 | 1.74 | 1.72 | 1.69 | 1.66 | 1.62 | 1.59 | 1.55 | .100 | 23 | |
| 2.27 | 2.20 | 2.13 | 2.05 | 2.01 | 1.96 | 1.91 | 1.86 | 1.81 | 1.76 | .050 | | |
| 2.67 | 2.57 | 2.47 | 2.36 | 2.30 | 2.24 | 2.18 | 2.11 | 2.04 | 1.97 | .025 | | |
| 3.21 | 3.07 | 2.93 | 2.76 | 2.70 | 2.62 | 2.54 | 2.45 | 2.35 | 2.26 | .010 | | |
| 3.64 | 3.47 | 3.30 | 3.12 | 3.02 | 2.92 | 2.82 | 2.71 | 2.60 | 2.48 | .005 | | |
| 1.88 | 1.83 | 1.78 | 1.73 | 1.70 | 1.67 | 1.64 | 1.61 | 1.57 | 1.53 | .100 | 24 | |
| 2.25 | 2.18 | 2.11 | 2.03 | 1.99 | 1.94 | 1.89 | 1.84 | 1.79 | 1.73 | .050 | | |
| 2.64 | 2.54 | 2.44 | 2.33 | 2.27 | 2.21 | 2.15 | 2.08 | 2.01 | 1.94 | .025 | | |
| 3.17 | 3.03 | 2.89 | 2.71 | 2.65 | 2.58 | 2.49 | 2.40 | 2.31 | 2.21 | .010 | | |
| 3.59 | 3.42 | 3.25 | 3.06 | 2.97 | 2.87 | 2.77 | 2.66 | 2.55 | 2.44 | .005 | | |
| 1.87 | 1.82 | 1.77 | 1.72 | 1.69 | 1.66 | 1.63 | 1.59 | 1.56 | 1.52 | .100 | 25 | |
| 2.21 | 2.16 | 2.09 | 2.01 | 1.96 | 1.92 | 1.87 | 1.82 | 1.77 | 1.71 | .050 | | |
| 2.61 | 2.51 | 2.41 | 2.30 | 2.24 | 2.18 | 2.12 | 2.05 | 1.98 | 1.91 | .025 | | |
| 3.13 | 2.99 | 2.85 | 2.70 | 2.62 | 2.54 | 2.45 | 2.36 | 2.27 | 2.17 | .010 | | |
| 3.54 | 3.37 | 3.20 | 3.01 | 2.92 | 2.82 | 2.72 | 2.61 | 2.50 | 2.38 | .005 | | |
| 1.86 | 1.81 | 1.76 | 1.71 | 1.68 | 1.65 | 1.61 | 1.58 | 1.54 | 1.50 | .100 | 26 | |
| 2.22 | 2.15 | 2.07 | 1.99 | 1.95 | 1.90 | 1.85 | 1.80 | 1.75 | 1.69 | .050 | | |
| 2.59 | 2.49 | 2.39 | 2.28 | 2.22 | 2.16 | 2.09 | 2.03 | 1.95 | 1.88 | .025 | | |
| 3.09 | 2.95 | 2.81 | 2.66 | 2.58 | 2.50 | 2.42 | 2.33 | 2.23 | 2.13 | .010 | | |
| 3.49 | 3.33 | 3.15 | 2.97 | 2.87 | 2.77 | 2.67 | 2.56 | 2.45 | 2.33 | .005 | | |
| 1.85 | 1.80 | 1.75 | 1.70 | 1.67 | 1.64 | 1.60 | 1.57 | 1.53 | 1.49 | .100 | 27 | |
| 2.20 | 2.13 | 2.06 | 1.97 | 1.93 | 1.88 | 1.84 | 1.79 | 1.73 | 1.67 | .050 | | |
| 2.57 | 2.47 | 2.36 | 2.25 | 2.19 | 2.13 | 2.07 | 2.00 | 1.93 | 1.85 | .025 | | |
| 3.06 | 2.93 | 2.78 | 2.63 | 2.55 | 2.47 | 2.38 | 2.29 | 2.20 | 2.10 | .010 | | |
| 3.45 | 3.28 | 3.11 | 2.93 | 2.83 | 2.73 | 2.63 | 2.52 | 2.41 | 2.29 | .005 | | |
| 1.84 | 1.79 | 1.74 | 1.69 | 1.66 | 1.63 | 1.59 | 1.56 | 1.52 | 1.48 | .100 | 28 | |
| 2.19 | 2.12 | 2.04 | 1.96 | 1.91 | 1.87 | 1.82 | 1.77 | 1.71 | 1.65 | .050 | | |
| 2.55 | 2.45 | 2.34 | 2.23 | 2.17 | 2.11 | 2.05 | 1.98 | 1.91 | 1.83 | .025 | | |
| 3.03 | 2.90 | 2.75 | 2.60 | 2.52 | 2.44 | 2.35 | 2.26 | 2.17 | 2.06 | .010 | | |
| 3.41 | 3.25 | 3.07 | 2.89 | 2.79 | 2.69 | 2.59 | 2.48 | 2.37 | 2.25 | .005 | | |

| Denominator <i>df</i> | Probability of a larger <i>F</i> | Numerator <i>df</i> | | | | | | | | |
|--------------------------|--|---------------------|------|------|------|------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 29 | .100 | 2.89 | 2.50 | 2.28 | 2.15 | 2.06 | 1.99 | 1.93 | 1.89 | 1.86 |
| | .050 | 4.10 | 3.33 | 2.93 | 2.70 | 2.53 | 2.43 | 2.35 | 2.28 | 2.22 |
| | .025 | 5.59 | 4.20 | 3.61 | 3.27 | 3.04 | 2.90 | 2.76 | 2.67 | 2.59 |
| | .010 | 7.60 | 5.42 | 4.54 | 4.04 | 3.73 | 3.50 | 3.33 | 3.20 | 3.09 |
| | .005 | 9.23 | 6.40 | 5.28 | 4.66 | 4.26 | 3.98 | 3.77 | 3.61 | 3.49 |
| 30 | .100 | 2.88 | 2.49 | 2.28 | 2.14 | 2.05 | 1.98 | 1.91 | 1.88 | 1.85 |
| | .050 | 4.17 | 3.32 | 2.92 | 2.69 | 2.53 | 2.42 | 2.33 | 2.27 | 2.21 |
| | .025 | 5.57 | 4.18 | 3.59 | 3.25 | 3.03 | 2.87 | 2.75 | 2.65 | 2.57 |
| | .010 | 7.56 | 5.39 | 4.51 | 4.02 | 3.70 | 3.47 | 3.30 | 3.17 | 3.07 |
| | .005 | 9.10 | 6.35 | 5.24 | 4.62 | 4.23 | 3.95 | 3.74 | 3.58 | 3.45 |
| 40 | .100 | 2.84 | 2.44 | 2.23 | 2.09 | 2.00 | 1.93 | 1.87 | 1.83 | 1.79 |
| | .050 | 4.08 | 3.23 | 2.84 | 2.61 | 2.45 | 2.33 | 2.25 | 2.18 | 2.12 |
| | .025 | 5.42 | 4.05 | 3.46 | 3.13 | 2.90 | 2.74 | 2.62 | 2.53 | 2.45 |
| | .010 | 7.31 | 5.10 | 4.31 | 3.83 | 3.51 | 3.29 | 3.12 | 2.99 | 2.89 |
| | .005 | 8.83 | 6.07 | 4.90 | 4.37 | 3.99 | 3.71 | 3.51 | 3.35 | 3.22 |
| 60 | .100 | 2.79 | 2.39 | 2.18 | 2.04 | 1.95 | 1.87 | 1.82 | 1.77 | 1.74 |
| | .050 | 4.00 | 3.15 | 2.76 | 2.53 | 2.37 | 2.25 | 2.17 | 2.10 | 2.04 |
| | .025 | 5.29 | 3.93 | 3.34 | 3.01 | 2.79 | 2.63 | 2.51 | 2.41 | 2.33 |
| | .010 | 7.08 | 4.90 | 4.13 | 3.65 | 3.34 | 3.12 | 2.95 | 2.82 | 2.72 |
| | .005 | 8.49 | 5.79 | 4.73 | 4.14 | 3.76 | 3.49 | 3.28 | 3.13 | 3.01 |
| 120 | .100 | 2.75 | 2.35 | 2.13 | 1.99 | 1.90 | 1.82 | 1.77 | 1.72 | 1.68 |
| | .050 | 3.92 | 3.07 | 2.68 | 2.45 | 2.29 | 2.17 | 2.09 | 2.02 | 1.96 |
| | .025 | 5.15 | 3.80 | 3.23 | 2.89 | 2.67 | 2.52 | 2.39 | 2.30 | 2.22 |
| | .010 | 6.85 | 4.79 | 3.95 | 3.40 | 3.17 | 2.96 | 2.79 | 2.66 | 2.56 |
| | .005 | 8.10 | 5.31 | 4.50 | 3.92 | 3.55 | 3.28 | 3.09 | 2.93 | 2.81 |
| ∞ | .100 | 2.71 | 2.30 | 2.08 | 1.94 | 1.85 | 1.77 | 1.72 | 1.67 | 1.63 |
| | .050 | 3.84 | 3.00 | 2.60 | 2.37 | 2.21 | 2.10 | 2.01 | 1.94 | 1.88 |
| | .025 | 5.02 | 3.69 | 3.12 | 2.79 | 2.57 | 2.41 | 2.29 | 2.19 | 2.11 |
| | .010 | 6.63 | 4.61 | 3.78 | 3.32 | 3.02 | 2.80 | 2.64 | 2.51 | 2.41 |
| | .005 | 7.80 | 5.30 | 4.28 | 3.72 | 3.35 | 3.09 | 2.90 | 2.74 | 2.62 |

Sumber : A portion of " Tables of Percentage points of the inverted beta (*F*) Distribution," *Biometrika*, vol 33 (1943) by M. Merrington and C.M. Thompson and from table 18 of *Biometrika Tables for Statisticians*, vol 1, Cambridge University Press, 1954, edited by E.S. Pearson and H.O. Hartley. Reproduced with Permission of the authors, editors, and *Biometrika* trustees.

| Numerator d_f | | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|----------|------|-------|
| 10 | 12 | 15 | 20 | 24 | 30 | 40 | 60 | 120 | ∞ | P | d_f |
| 1.03 | 1.70 | 1.71 | 1.69 | 1.65 | 1.62 | 1.50 | 1.55 | 1.51 | 1.47 | 1.00 | 20 |
| 2.18 | 2.10 | 2.03 | 1.94 | 1.90 | 1.85 | 1.81 | 1.75 | 1.70 | 1.61 | 0.99 | |
| 2.53 | 2.43 | 2.32 | 2.21 | 2.15 | 2.09 | 2.03 | 1.96 | 1.89 | 1.81 | 0.95 | |
| 3.00 | 2.87 | 2.73 | 2.57 | 2.49 | 2.41 | 2.33 | 2.23 | 2.14 | 2.01 | 0.90 | |
| 3.38 | 3.21 | 3.04 | 2.86 | 2.76 | 2.66 | 2.56 | 2.45 | 2.33 | 2.21 | 0.85 | |
| 1.82 | 1.77 | 1.72 | 1.67 | 1.64 | 1.61 | 1.57 | 1.54 | 1.50 | 1.46 | 1.00 | 30 |
| 2.16 | 2.09 | 2.01 | 1.91 | 1.89 | 1.81 | 1.79 | 1.71 | 1.68 | 1.62 | 0.99 | |
| 2.51 | 2.41 | 2.31 | 2.21 | 2.14 | 2.07 | 2.01 | 1.91 | 1.87 | 1.79 | 0.95 | |
| 2.98 | 2.84 | 2.70 | 2.55 | 2.47 | 2.39 | 2.30 | 2.21 | 2.11 | 2.01 | 0.90 | |
| 3.34 | 3.18 | 3.01 | 2.82 | 2.73 | 2.63 | 2.52 | 2.42 | 2.30 | 2.18 | 0.85 | |
| 1.76 | 1.71 | 1.66 | 1.61 | 1.57 | 1.54 | 1.51 | 1.47 | 1.42 | 1.38 | 1.00 | 40 |
| 2.00 | 2.00 | 1.92 | 1.81 | 1.79 | 1.74 | 1.69 | 1.64 | 1.58 | 1.51 | 0.99 | |
| 2.39 | 2.29 | 2.18 | 2.07 | 2.01 | 1.94 | 1.88 | 1.80 | 1.72 | 1.64 | 0.95 | |
| 2.80 | 2.66 | 2.52 | 2.37 | 2.29 | 2.20 | 2.11 | 2.02 | 1.92 | 1.80 | 0.90 | |
| 3.12 | 2.95 | 2.78 | 2.60 | 2.50 | 2.40 | 2.30 | 2.18 | 2.06 | 1.93 | 0.85 | |
| 1.71 | 1.66 | 1.60 | 1.51 | 1.51 | 1.48 | 1.44 | 1.40 | 1.35 | 1.29 | 1.00 | 60 |
| 1.99 | 1.92 | 1.84 | 1.73 | 1.70 | 1.65 | 1.59 | 1.53 | 1.47 | 1.39 | 0.99 | |
| 2.27 | 2.17 | 2.06 | 1.91 | 1.80 | 1.82 | 1.74 | 1.67 | 1.58 | 1.48 | 0.95 | |
| 2.63 | 2.50 | 2.35 | 2.20 | 2.12 | 2.03 | 1.94 | 1.84 | 1.73 | 1.60 | 0.90 | |
| 2.90 | 2.74 | 2.57 | 2.39 | 2.29 | 2.18 | 2.08 | 1.96 | 1.83 | 1.69 | 0.85 | |
| 1.65 | 1.60 | 1.55 | 1.46 | 1.45 | 1.41 | 1.37 | 1.37 | 1.26 | 1.19 | 1.00 | 120 |
| 1.91 | 1.83 | 1.75 | 1.60 | 1.61 | 1.55 | 1.50 | 1.43 | 1.35 | 1.25 | 0.99 | |
| 2.16 | 2.05 | 1.94 | 1.81 | 1.76 | 1.69 | 1.61 | 1.53 | 1.43 | 1.31 | 0.95 | |
| 2.47 | 2.34 | 2.19 | 2.07 | 1.95 | 1.86 | 1.76 | 1.66 | 1.53 | 1.40 | 0.90 | |
| 2.71 | 2.54 | 2.37 | 2.19 | 2.09 | 1.98 | 1.87 | 1.75 | 1.61 | 1.49 | 0.85 | |
| 1.60 | 1.55 | 1.49 | 1.42 | 1.38 | 1.34 | 1.30 | 1.24 | 1.17 | 1.09 | 1.00 | ∞ |
| 1.83 | 1.75 | 1.67 | 1.57 | 1.52 | 1.46 | 1.39 | 1.32 | 1.22 | 1.09 | 0.99 | |
| 2.05 | 1.94 | 1.81 | 1.71 | 1.64 | 1.57 | 1.48 | 1.39 | 1.27 | 1.09 | 0.95 | |
| 2.32 | 2.18 | 2.04 | 1.88 | 1.79 | 1.70 | 1.59 | 1.47 | 1.32 | 1.09 | 0.90 | |
| 2.52 | 2.36 | 2.19 | 2.00 | 1.90 | 1.79 | 1.67 | 1.53 | 1.36 | 1.09 | 0.85 | |