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| [**Home**](http://docs.google.com/home.htm)  [**Abstract**](http://docs.google.com/abstract.htm)  [**Introduction**](http://docs.google.com/introduction.htm)  [**Review of Literature**](http://docs.google.com/literature_review.htm)  [**Procedure**](http://docs.google.com/procedure.htm)  [**Data**](http://docs.google.com/data.htm)  [**Conclusion**](http://docs.google.com/conclusion.htm)  [**Cross Sections**](http://docs.google.com/cross_sections.htm)  [**Journal**](http://docs.google.com/journal.htm)  [**References**](http://docs.google.com/references.htm)  [**bonus..**](http://docs.google.com/bonus.htm) |  | **for alpha = .01**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **df2/df1** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **INF** | | **1** | 39.86346 | 49.50000 | 53.59324 | 55.83296 | 57.24008 | 58.20442 | 58.90595 | 59.43898 | 63.32812 | | **2** | 8.52632 | 9.00000 | 9.16179 | 9.24342 | 9.29263 | 9.32553 | 9.34908 | 9.36677 | 9.49122 | | **3** | 5.53832 | 5.46238 | 5.39077 | 5.34264 | 5.30916 | 5.28473 | 5.26619 | 5.25167 | 5.13370 | | **4** | 4.54477 | 4.32456 | 4.19086 | 4.10725 | 4.05058 | 4.00975 | 3.97897 | 3.95494 | 3.76073 | | **5** | 4.06042 | 3.77972 | 3.61948 | 3.52020 | 3.45298 | 3.40451 | 3.36790 | 3.33928 | 3.10500 | | **6** | 3.77595 | 3.46330 | 3.28876 | 3.18076 | 3.10751 | 3.05455 | 3.01446 | 2.98304 | 2.72216 | | **7** | 3.58943 | 3.25744 | 3.07407 | 2.96053 | 2.88334 | 2.82739 | 2.78493 | 2.75158 | 2.47079 | | **8** | 3.45792 | 3.11312 | 2.92380 | 2.80643 | 2.72645 | 2.66833 | 2.62413 | 2.58935 | 2.29257 | | **9** | 3.36030 | 3.00645 | 2.81286 | 2.69268 | 2.61061 | 2.55086 | 2.50531 | 2.46941 | 2.15923 | | **10** | 3.28502 | 2.92447 | 2.72767 | 2.60534 | 2.52164 | 2.46058 | 2.41397 | 2.37715 | 2.05542 | | **inf** | 2.70554 | 2.30259 | 2.08380 | 1.94486 | 1.84727 | 1.77411 | 1.71672 | 1.67020 | 1.00000 |   **for alpha = .05**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **df2/df1** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **INF** | | **1** | 161.4476 | 199.5000 | 215.7073 | 224.5832 | 230.1619 | 233.9860 | 236.7684 | 238.8827 | 254.3144 | | **2** | 18.5128 | 19.0000 | 19.1643 | 19.2468 | 19.2964 | 19.3295 | 19.3532 | 19.3710 | 19.4957 | | **3** | 10.1280 | 9.5521 | 9.2766 | 9.1172 | 9.0135 | 8.9406 | 8.8867 | 8.8452 | 8.5264 | | **4** | 7.7086 | 6.9443 | 6.5914 | 6.3882 | 6.2561 | 6.1631 | 6.0942 | 6.0410 | 5.6281 | | **5** | 6.6079 | 5.7861 | 5.4095 | 5.1922 | 5.0503 | 4.9503 | 4.8759 | 4.8183 | 4.3650 | | **6** | 5.9874 | 5.1433 | 4.7571 | 4.5337 | 4.3874 | 4.2839 | 4.2067 | 4.1468 | 3.6689 | | **7** | 5.5914 | 4.7374 | 4.3468 | 4.1203 | 3.9715 | 3.8660 | 3.7870 | 3.7257 | 3.2298 | | **8** | 5.3177 | 4.4590 | 4.0662 | 3.8379 | 3.6875 | 3.5806 | 3.5005 | 3.4381 | 2.9276 | | **9** | 5.1174 | 4.2565 | 3.8625 | 3.6331 | 3.4817 | 3.3738 | 3.2927 | 3.2296 | 2.7067 | | **10** | 4.9646 | 4.1028 | 3.7083 | 3.4780 | 3.3258 | 3.2172 | 3.1355 | 3.0717 | 2.5379 | | **inf** | 3.8415 | 2.9957 | 2.6049 | 2.3719 | 2.2141 | 2.0986 | 2.0096 | 1.9384 | 1.0000 |   **for alpha = 0.025**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | \**df2/df1** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **INF** | | **1** | 647.7890 | 799.5000 | 864.1630 | 899.5833 | 921.8479 | 937.1111 | 948.2169 | 956.6562 | 1018.258 | | **2** | 38.5063 | 39.0000 | 39.1655 | 39.2484 | 39.2982 | 39.3315 | 39.3552 | 39.3730 | 39.498 | | **3** | 17.4434 | 16.0441 | 15.4392 | 15.1010 | 14.8848 | 14.7347 | 14.6244 | 14.5399 | 13.902 | | **4** | 12.2179 | 10.6491 | 9.9792 | 9.6045 | 9.3645 | 9.1973 | 9.0741 | 8.9796 | 8.257 | | **5** | 10.0070 | 8.4336 | 7.7636 | 7.3879 | 7.1464 | 6.9777 | 6.8531 | 6.7572 | 6.015 | | **6** | 8.8131 | 7.2599 | 6.5988 | 6.2272 | 5.9876 | 5.8198 | 5.6955 | 5.5996 | 4.849 | | **7** | 8.0727 | 6.5415 | 5.8898 | 5.5226 | 5.2852 | 5.1186 | 4.9949 | 4.8993 | 4.142 | | **8** | 7.5709 | 6.0595 | 5.4160 | 5.0526 | 4.8173 | 4.6517 | 4.5286 | 4.4333 | 3.670 | | **9** | 7.2093 | 5.7147 | 5.0781 | 4.7181 | 4.4844 | 4.3197 | 4.1970 | 4.1020 | 3.333 | | **10** | 6.9367 | 5.4564 | 4.8256 | 4.4683 | 4.2361 | 4.0721 | 3.9498 | 3.8549 | 3.080 | | **inf** | 5.0239 | 3.6889 | 3.1161 | 2.7858 | 2.5665 | 2.4082 | 2.2875 | 2.1918 | 1.000 |   **for alpha = 0.01**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **df2/df1** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **INF** | | **1** | 4052.181 | 4999.500 | 5403.352 | 5624.583 | 5763.650 | 5858.986 | 5928.356 | 5981.070 | 6365.864 | | **2** | 98.503 | 99.000 | 99.166 | 99.249 | 99.299 | 99.333 | 99.356 | 99.374 | 99.499 | | **3** | 34.116 | 30.817 | 29.457 | 28.710 | 28.237 | 27.911 | 27.672 | 27.489 | 26.125 | | **4** | 21.198 | 18.000 | 16.694 | 15.977 | 15.522 | 15.207 | 14.976 | 14.799 | 13.463 | | **5** | 16.258 | 13.274 | 12.060 | 11.392 | 10.967 | 10.672 | 10.456 | 10.289 | 9.020 | | **6** | 13.745 | 10.925 | 9.780 | 9.148 | 8.746 | 8.466 | 8.260 | 8.102 | 6.880 | | **7** | 12.246 | 9.547 | 8.451 | 7.847 | 7.460 | 7.191 | 6.993 | 6.840 | 5.650 | | **8** | 11.259 | 8.649 | 7.591 | 7.006 | 6.632 | 6.371 | 6.178 | 6.029 | 4.859 | | **9** | 10.561 | 8.022 | 6.992 | 6.422 | 6.057 | 5.802 | 5.613 | 5.467 | 4.311 | | **10** | 10.044 | 7.559 | 6.552 | 5.994 | 5.636 | 5.386 | 5.200 | 5.057 | 3.909 | | **inf** | 6.635 | 4.605 | 3.782 | 3.319 | 3.017 | 2.802 | 2.639 | 2.511 | 1.000 | |