

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **50%** | **80%** | **90%** | **95%** | **98%** | **99%** | **Confidence Interval** |
|  | **0.25** | **0.10** | **0.05** | **0.025** | **0.01** | **0.005** | ***α*, One tail** |
| **d.f.** | **0.50** | **0.20** | **0.10** | **0.05** | **0.02** | **0.01** | ***α*, Two tails**  |
| **1** | 1.000 | 3.078 | 6.314 | 12.706 | 31.821 | 63.657 |  |
| **2** | .816 | 1.886 | 2.920 | 4.303 | 6.965 | 9.925 |  |
| **3** | .765 | 1.638 | 2.353 | 3.182 | 4.541 | 5.841 |  |
| **4** | .741 | 1.533 | 2.132 | 2.776 | 3.747 | 4.604 |  |
| **5** | .727 | 1.476 | 2.015 | 2.571 | 3.365 | 4.032 |  |
| **6** | .718 | 1.440 | 1.943 | 2.447 | 3.143 | 3.707 |  |
| **7** | .711 | 1.415 | 1.895 | 2.365 | 2.998 | 3.499 |  |
| **8** | .706 | 1.397 | 1.860 | 2.306 | 2.896 | 3.355 |  |
| **9** | .703 | 1.383 | 1.833 | 2.262 | 2.821 | 3.250 |  |
| **10** | .700 | 1.372 | 1.812 | 2.228 | 2.764 | 3.169 |  |
| **11** | .697 | 1.363 | 1.796 | 2.201 | 2.718 | 3.106 |  |
| **12** | .695 | 1.356 | 1.782 | 2.179 | 2.681 | 3.055 |  |
| **13** | .694 | 1.350 | 1.771 | 2.160 | 2.650 | 3.012 |  |
| **14** | .692 | 1.345 | 1.761 | 2.145 | 2.624 | 2.977 |  |
| **15** | .691 | 1.341 | 1.753 | 2.131 | 2.602 | 2.947 |  |
| **16** | .690 | 1.337 | 1.746 | 2.120 | 2.583 | 2.921 |  |
| **17** | .689 | 1.333 | 1.740 | 2.110 | 2.567 | 2.898 |  |
| **18** | .688 | 1.330 | 1.734 | 2.101 | 2.552 | 2.878 |  |
| **19** | .688 | 1.328 | 1.729 | 2.093 | 2.539 | 2.861 |  |
| **20** | .687 | 1.325 | 1.725 | 2.086 | 2.528 | 2.845 |  |
| **21** | .686 | 1.323 | 1.721 | 2.080 | 2.518 | 2.831 |  |
| **22** | .686 | 1.321 | 1.717 | 2.074 | 2.508 | 2.819 |  |
| **23** | .685 | 1.319 | 1.714 | 2.069 | 2.500 | 2.807 |  |
| **24** | .685 | 1.318 | 1.711 | 2.064 | 2.492 | 2.797 |  |
| **25** | .684 | 1.316 | 1.708 | 2.060 | 2.485 | 2.787 |  |
| **26** | .684 | 1.315 | 1.706 | 2.056 | 2.479 | 2.779 |  |
| **27** | .684 | 1.314 | 1.703 | 2.052 | 2.473 | 2.771 |  |
| **28** | .683 | 1.313 | 1.701 | 2.048 | 2.467 | 2.763 |  |
| ***z* (∞)** | .674 | 1.282 | 1.645 | 1.960 | 2.326 | 2.576 |  |

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