**Приложение 1. Критични стойности на t-критерия на Стюдент**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Ниво на значимост на H0 при двустранен тест** | | | | | | | |
|  | **P=0.1** | **0.05** | **0.02** | **0.01** | **0.005** | **0.002** | **0.001** |
| **Ниво на значимост на H0 при едностранен тест** | | | | | | | |
| **K (df)↓** | **Р=0.05** | **0.025** | **0.01** | **0.005** | **0.0025** | **0.001** | **0.0005** |
| **1** | 6.314 | 12.706 | 31.821 | 63.657 | 127.32 | 318.31 | 636.62 |
| **2** | 2.92 | 4.303 | 6.965 | 9.925 | 14.089 | 22.327 | 31.598 |
| **3** | 2.353 | 3.182 | 4.541 | 5.841 | 7.453 | 10.214 | 12.924 |
| **4** | 2.132 | 2.776 | 3.747 | 4.604 | 5.498 | 7.173 | 8.610 |
| **5** | 2.015 | 2.571 | 3.365 | 4.032 | 4.773 | 5.893 | 6.869 |
| **6** | 1.943 | 2-447 | 3.143 | 3.707 | 4.317 | 5.208 | 5.959 |
| **7** | 1.895 | 2.365 | 2.998 | 3.499 | 4.029 | 4.785 | 5.408 |
| **8** | 1.860 | 2.306 | 2.896 | 3.355 | 3.833 | 4.501 | 5.041 |
| **9** | 1.833 | 2.262 | 2.821 | 3.250 | 3.690 | 4.297 | 4.781 |
| **10** | 1.812 | 2.228 | 2.764 | 3.169 | 3.581 | 4.144 | 4.587 |
| **11** | 1.796 | 2.201 | 2.718 | 3.106 | 3.497 | 4.025 | 4.437 |
| **12** | 1.782 | 2.179 | 2.681 | 3.055 | 3.428 | 3.930 | 4.318 |
| **13** | 1.771 | 2.160 | 2.650 | 3.012 | 3.372 | 3.852 | 4.221 |
| **14** | 1.761 | 2.145 | 2.624 | 2.977 | 3.326 | 3.787 | 4.140 |
| **15** | 1.753 | 2.131 | 2.602 | 2.947 | 3.286 | 3.733 | 4.073 |
| **16** | 1.746 | 2.120 | 2.583 | 2.921 | 3.252 | 3.686 | 4.015 |
| **17** | 1.740 | 2.110 | 2.567 | 2.898 | 3.222 | 3.646 | 3.965 |
| **18** | 1.734 | 2.101 | 2.552 | 2.878 | 3.197 | 3.610 | 3.922 |
| **19** | 1.729 | 2.093 | 2.539 | 2.861 | 3.174 | 3.579 | 3.883 |
| **20** | 1.725 | 2.086 | 2.528 | 2.845 | 3.153 | 3.552 | 3.850 |
| **21** | 1.721 | 2.080 | 2.518 | 2.831 | 3.135 | 3.527 | 3.819 |
| **22** | 1.717 | 2.074 | 2.508 | 2.819 | 3.119 | 3.505 | 3.792 |
| **23** | 1.714 | 2.069 | 2.500 | 2.807 | 3.104 | 3.485 | 3.767 |
| **24** | 1.711 | 2.064 | 2.492 | 2.797 | 3.091 | 3.467 | 3.745 |
| **25** | 1.708 | 2.060 | 2.485 | 2.787 | 3.078 | 3.450 | 3.725 |
| **26** | 1.706 | 2.056 | 2.479 | 2.779 | 3.067 | 3.435 | 3.707 |
| **27** | 1.703 | 2.052 | 2.473 | 2.771 | 3.057 | 3.421 | 3.690 |
| **28** | 1.701 | 2.048 | 2.467 | 2.763 | 3.047 | 3.408 | 3.674 |
| **29** | 1.699 | 2.045 | 2.464 | 2.756 | 3.038 | 3.396 | 3.659 |
| **30** | 1.697 | 2.042 | 2.457 | 2.750 | 3.030 | 3.385 | 3.646 |
| **40** | 1.684 | 2.021 | 2.423 | 2.704 | 2.971 | 3.307 | 3.551 |
| **60** | 1.671 | 2.000 | 2.390 | 2.660 | 2.915 | 3.232 | 3.460 |
| **120** | 1.658 | 1.980 | 2.358 | 2.617 | 2.860 | 3.160 | 3.373 |
| **∞** | 1.645 | 1.960 | 2.326 | 2.576 | 2.807 | 3.090 | 3.291 |

***Източник:***Hassard, T. H. Understanding Biostatistics. Mosby Year Boor, St. Louis, 1991, p. А-3

**Приложение 2. Критични стойности на χ2**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **H0→** | **P=0.100** | **0.050** | **0.025** | **0.010** | **0.005** | **0.001** |
| **H1→** | **1-P=0.900** | **0.950** | **0.975** | **0.990** | **0.995** | **0.999** |
| **K (df) ↓**  **1** | 2.71 | 3.84 | 5.02 | 6.63 | 7.88 | 10.83 |
| **2** | 4.61 | 5.99 | 7.38 | 9.21 | 10.60 | 13.82 |
| **3** | 6.25 | 7.81 | 9.35 | 11.34 | 12.84 | 16.27 |
| **4** | 7.78 | 9.49 | 11.14 | 13.28 | 14.86 | 18.47 |
| **5** | 9.24 | 11.07 | 12.83 | 15.09 | 16.75 | 20.52 |
| **6** | 10.64 | 12.59 | 14.45 | 16.81 | 18.55 | 22.46 |
| **7** | 12.02 | 14.07 | 16.01 | 18.48 | 20.28 | 24.32 |
| **8** | 13.36 | 15.51 | 17.53 | 20.09 | 21.96 | 26.13 |
| **9** | 14.68 | 16.92 | 19.02 | 21.67 | 23.59 | 27.88 |
| **10** | 15.99 | 18.31 | 20.48 | 23.21 | 25.19 | 29.59 |
| **11** | 17.28 | 19.68 | 21.92 | 24.73 | 26.76 | 31.26 |
| **12** | 18.55 | 21.03 | 23.34 | 26.22 | 28.30 | 32.91 |
| **13** | 19.81 | 22.36 | 24.74 | 27.69 | 29.82 | 34.53 |
| **14** | 21.06 | 23.68 | 26.12 | 29.14 | 31.32 | 36.12 |
| **15** | 22.31 | 25.00 | 27.49 | 30.58 | 32.80 | 37.70 |
| **16** | 23.54 | 26.30 | 28.85 | 32.00 | 34.27 | 39.25 |
| **17** | 24.77 | 27.59 | 30.19 | 33.41 | 35.72 | 40.79 |
| **18** | 25.99 | 28.87 | 31.53 | 34.81 | 37.16 | 42.31 |
| **19** | 27.20 | 30.14 | 32.85 | 36.19 | 38.58 | 43.88 |
| **20** | 28.41 | 31.41 | 34.17 | 37.57 | 40.00 | 45.32 |
| **21** | 29.62 | 32.67 | 35.48 | 38.93 | 41.40 | 46.80 |
| **22** | 30.81 | 33.92 | 36.78 | 40.29 | 42.80 | 48.27 |
| **23** | 30.81 | 33.92 | 36.78 | 40.29 | 42.80 | 48.27 |
| **24** | 33.20 | 36.42 | 39.36 | 42.98 | 45.56 | 51.18 |
| **25** | 34.38 | 37.65 | 40.65 | 44.31 | 46.93 | 52.62 |
| **26** | 35.56 | 38.89 | 41.92 | 45.64 | 48.29 | 54.05 |
| **27** | 36.74 | 40.11 | 43.19 | 46.96 | 49.64 | 55.48 |
| **28** | 37.92 | 41.34 | 44.46 | 48.28 | 50.99 | 56.89 |
| **29** | 39.09 | 42.56 | 45.72 | 49.59 | 52.34 | 58.30 |
| **30** | 40.26 | 43.77 | 46.98 | 50.89 | 53.67 | 59.70 |
| **40** | 51.81 | 55.76 | 59.34 | 63.69 | 66.77 | 73.40 |
| **50** | 63.17 | 67.50 | 71.42 | 76.15 | 79.49 | 86.66 |
| **60** | 74.40 | 79.08 | 83.30 | 88.38 | 91.95 | 99.61 |

***Източник:***Hassard, T. H. Understanding Biostatistics. Mosby Year Boor, St. Louis, 1991, p. А-9