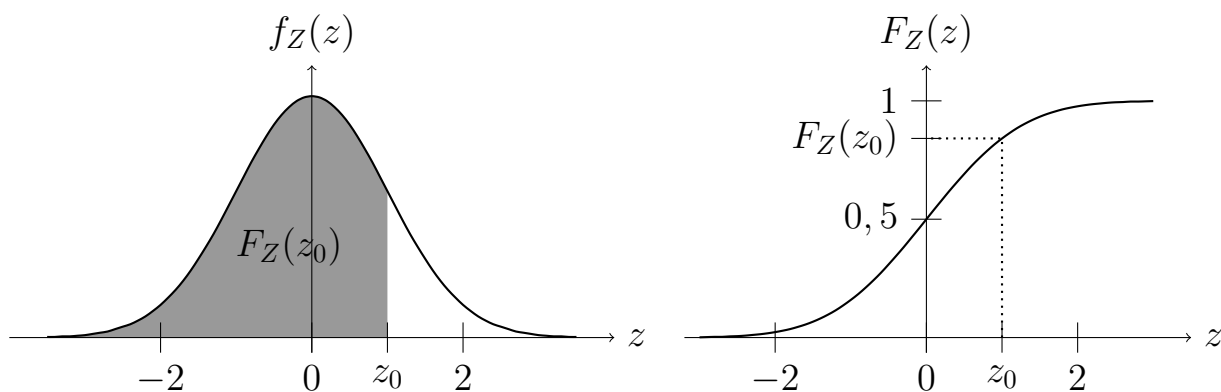


Anhang A: Verteilungstabellen

A.1 Standardnormalverteilung

| z | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.0 | 0.5000 | 0.5040 | 0.5080 | 0.5120 | 0.5160 | 0.5199 | 0.5239 | 0.5279 | 0.5319 | 0.5359 |
| 0.1 | 0.5398 | 0.5438 | 0.5478 | 0.5517 | 0.5557 | 0.5596 | 0.5636 | 0.5675 | 0.5714 | 0.5753 |
| 0.2 | 0.5793 | 0.5832 | 0.5871 | 0.5910 | 0.5948 | 0.5987 | 0.6026 | 0.6064 | 0.6103 | 0.6141 |
| 0.3 | 0.6179 | 0.6217 | 0.6255 | 0.6293 | 0.6331 | 0.6368 | 0.6406 | 0.6443 | 0.6480 | 0.6517 |
| 0.4 | 0.6554 | 0.6591 | 0.6628 | 0.6664 | 0.6700 | 0.6736 | 0.6772 | 0.6808 | 0.6844 | 0.6879 |
| 0.5 | 0.6915 | 0.6950 | 0.6985 | 0.7019 | 0.7054 | 0.7088 | 0.7123 | 0.7157 | 0.7190 | 0.7224 |
| 0.6 | 0.7257 | 0.7291 | 0.7324 | 0.7357 | 0.7389 | 0.7422 | 0.7454 | 0.7486 | 0.7517 | 0.7549 |
| 0.7 | 0.7580 | 0.7611 | 0.7642 | 0.7673 | 0.7704 | 0.7734 | 0.7764 | 0.7794 | 0.7823 | 0.7852 |
| 0.8 | 0.7881 | 0.7910 | 0.7939 | 0.7967 | 0.7995 | 0.8023 | 0.8051 | 0.8078 | 0.8106 | 0.8133 |
| 0.9 | 0.8159 | 0.8186 | 0.8212 | 0.8238 | 0.8264 | 0.8289 | 0.8315 | 0.8340 | 0.8365 | 0.8389 |
| 1.0 | 0.8413 | 0.8438 | 0.8461 | 0.8485 | 0.8508 | 0.8531 | 0.8554 | 0.8577 | 0.8599 | 0.8621 |
| 1.1 | 0.8643 | 0.8665 | 0.8686 | 0.8708 | 0.8729 | 0.8749 | 0.8770 | 0.8790 | 0.8810 | 0.8830 |
| 1.2 | 0.8849 | 0.8869 | 0.8888 | 0.8907 | 0.8925 | 0.8944 | 0.8962 | 0.8980 | 0.8997 | 0.9015 |
| 1.3 | 0.9032 | 0.9049 | 0.9066 | 0.9082 | 0.9099 | 0.9115 | 0.9131 | 0.9147 | 0.9162 | 0.9177 |
| 1.4 | 0.9192 | 0.9207 | 0.9222 | 0.9236 | 0.9251 | 0.9265 | 0.9279 | 0.9292 | 0.9306 | 0.9319 |
| 1.5 | 0.9332 | 0.9345 | 0.9357 | 0.9370 | 0.9382 | 0.9394 | 0.9406 | 0.9418 | 0.9429 | 0.9441 |
| 1.6 | 0.9452 | 0.9463 | 0.9474 | 0.9484 | 0.9495 | 0.9505 | 0.9515 | 0.9525 | 0.9535 | 0.9545 |
| 1.7 | 0.9554 | 0.9564 | 0.9573 | 0.9582 | 0.9591 | 0.9599 | 0.9608 | 0.9616 | 0.9625 | 0.9633 |
| 1.8 | 0.9641 | 0.9649 | 0.9656 | 0.9664 | 0.9671 | 0.9678 | 0.9686 | 0.9693 | 0.9699 | 0.9706 |
| 1.9 | 0.9713 | 0.9719 | 0.9726 | 0.9732 | 0.9738 | 0.9744 | 0.9750 | 0.9756 | 0.9761 | 0.9767 |
| 2.0 | 0.9772 | 0.9778 | 0.9783 | 0.9788 | 0.9793 | 0.9798 | 0.9803 | 0.9808 | 0.9812 | 0.9817 |
| 2.1 | 0.9821 | 0.9826 | 0.9830 | 0.9834 | 0.9838 | 0.9842 | 0.9846 | 0.9850 | 0.9854 | 0.9857 |
| 2.2 | 0.9861 | 0.9864 | 0.9868 | 0.9871 | 0.9875 | 0.9878 | 0.9881 | 0.9884 | 0.9887 | 0.9890 |
| 2.3 | 0.9893 | 0.9896 | 0.9898 | 0.9901 | 0.9904 | 0.9906 | 0.9909 | 0.9911 | 0.9913 | 0.9916 |
| 2.4 | 0.9918 | 0.9920 | 0.9922 | 0.9925 | 0.9927 | 0.9929 | 0.9931 | 0.9932 | 0.9934 | 0.9936 |
| 2.5 | 0.9938 | 0.9940 | 0.9941 | 0.9943 | 0.9945 | 0.9946 | 0.9948 | 0.9949 | 0.9951 | 0.9952 |
| 2.6 | 0.9953 | 0.9955 | 0.9956 | 0.9957 | 0.9959 | 0.9960 | 0.9961 | 0.9962 | 0.9963 | 0.9964 |
| 2.7 | 0.9965 | 0.9966 | 0.9967 | 0.9968 | 0.9969 | 0.9970 | 0.9971 | 0.9972 | 0.9973 | 0.9974 |
| 2.8 | 0.9974 | 0.9975 | 0.9976 | 0.9977 | 0.9977 | 0.9978 | 0.9979 | 0.9979 | 0.9980 | 0.9981 |
| 2.9 | 0.9981 | 0.9982 | 0.9982 | 0.9983 | 0.9984 | 0.9984 | 0.9985 | 0.9985 | 0.9986 | 0.9986 |
| 3.0 | 0.9987 | 0.9987 | 0.9987 | 0.9988 | 0.9988 | 0.9989 | 0.9989 | 0.9989 | 0.9990 | 0.9990 |
| 3.1 | 0.9990 | 0.9991 | 0.9991 | 0.9991 | 0.9992 | 0.9992 | 0.9992 | 0.9992 | 0.9993 | 0.9993 |
| 3.2 | 0.9993 | 0.9993 | 0.9994 | 0.9994 | 0.9994 | 0.9994 | 0.9994 | 0.9995 | 0.9995 | 0.9995 |
| 3.3 | 0.9995 | 0.9995 | 0.9995 | 0.9996 | 0.9996 | 0.9996 | 0.9996 | 0.9996 | 0.9996 | 0.9997 |
| 3.4 | 0.9997 | 0.9997 | 0.9997 | 0.9997 | 0.9997 | 0.9997 | 0.9997 | 0.9997 | 0.9997 | 0.9998 |
| 3.5 | 0.9998 | 0.9998 | 0.9998 | 0.9998 | 0.9998 | 0.9998 | 0.9998 | 0.9998 | 0.9998 | 0.9998 |
| 3.6 | 0.9998 | 0.9998 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 |
| 3.7 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 |
| 3.8 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 | 0.9999 |

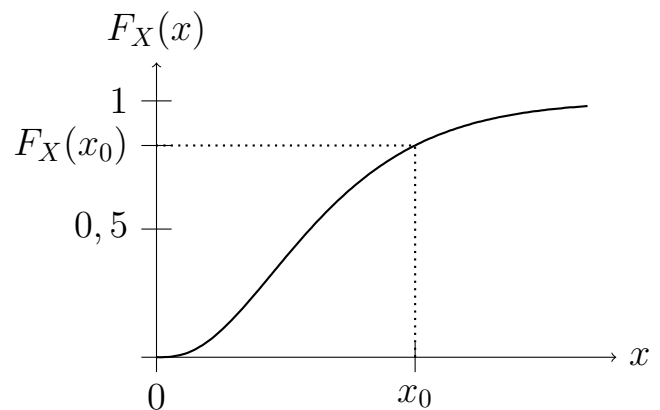
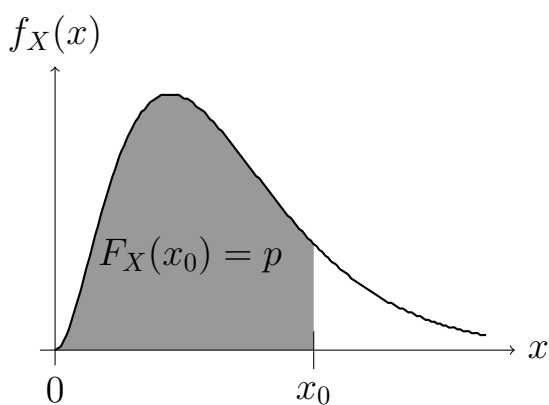
Tabelle 1: Für eine standardnormalverteilte Zufallsvariable $Z \sim \mathcal{N}(0, 1)$ sind die Werte der Verteilungsfunktion $F_Z(z)$ für $0 \leq z \leq 3.89$ tabelliert. Ablesebeispiel: $F_Z(2.13) = 0.9834$.



A.2 χ^2 -Verteilung

| n | Werte p der Verteilungsfunktion | | | | | | | | | | | |
|-----|-----------------------------------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| | 0.001 | 0.005 | 0.025 | 0.05 | 0.1 | 0.5 | 0.9 | 0.95 | 0.975 | 0.99 | 0.995 | 0.999 |
| 1 | 0.000 | 0.000 | 0.001 | 0.004 | 0.016 | 0.455 | 2.706 | 3.841 | 5.024 | 6.635 | 7.879 | 10.828 |
| 2 | 0.002 | 0.010 | 0.051 | 0.103 | 0.211 | 1.386 | 4.605 | 5.991 | 7.378 | 9.210 | 10.597 | 13.816 |
| 3 | 0.024 | 0.072 | 0.216 | 0.352 | 0.584 | 2.366 | 6.251 | 7.815 | 9.348 | 11.345 | 12.838 | 16.266 |
| 4 | 0.091 | 0.207 | 0.484 | 0.711 | 1.064 | 3.357 | 7.779 | 9.488 | 11.143 | 13.277 | 14.860 | 18.467 |
| 5 | 0.210 | 0.412 | 0.831 | 1.145 | 1.610 | 4.351 | 9.236 | 11.070 | 12.833 | 15.086 | 16.750 | 20.515 |
| 6 | 0.381 | 0.676 | 1.237 | 1.635 | 2.204 | 5.348 | 10.645 | 12.592 | 14.449 | 16.812 | 18.548 | 22.458 |
| 7 | 0.598 | 0.989 | 1.690 | 2.167 | 2.833 | 6.346 | 12.017 | 14.067 | 16.013 | 18.475 | 20.278 | 24.322 |
| 8 | 0.857 | 1.344 | 2.180 | 2.733 | 3.490 | 7.344 | 13.362 | 15.507 | 17.535 | 20.090 | 21.955 | 26.124 |
| 9 | 1.152 | 1.735 | 2.700 | 3.325 | 4.168 | 8.343 | 14.684 | 16.919 | 19.023 | 21.666 | 23.589 | 27.877 |
| 10 | 1.479 | 2.156 | 3.247 | 3.940 | 4.865 | 9.342 | 15.987 | 18.307 | 20.483 | 23.209 | 25.188 | 29.588 |
| 11 | 1.834 | 2.603 | 3.816 | 4.575 | 5.578 | 10.341 | 17.275 | 19.675 | 21.920 | 24.725 | 26.757 | 31.264 |
| 12 | 2.214 | 3.074 | 4.404 | 5.226 | 6.304 | 11.340 | 18.549 | 21.026 | 23.337 | 26.217 | 28.300 | 32.909 |
| 13 | 2.617 | 3.565 | 5.009 | 5.892 | 7.042 | 12.340 | 19.812 | 22.362 | 24.736 | 27.688 | 29.819 | 34.528 |
| 14 | 3.041 | 4.075 | 5.629 | 6.571 | 7.790 | 13.339 | 21.064 | 23.685 | 26.119 | 29.141 | 31.319 | 36.123 |
| 15 | 3.483 | 4.601 | 6.262 | 7.261 | 8.547 | 14.339 | 22.307 | 24.996 | 27.488 | 30.578 | 32.801 | 37.697 |
| 16 | 3.942 | 5.142 | 6.908 | 7.962 | 9.312 | 15.338 | 23.542 | 26.296 | 28.845 | 32.000 | 34.267 | 39.252 |
| 17 | 4.416 | 5.697 | 7.564 | 8.672 | 10.085 | 16.338 | 24.769 | 27.587 | 30.191 | 33.409 | 35.718 | 40.790 |
| 18 | 4.905 | 6.265 | 8.231 | 9.390 | 10.865 | 17.338 | 25.989 | 28.869 | 31.526 | 34.805 | 37.156 | 42.312 |
| 19 | 5.407 | 6.844 | 8.907 | 10.117 | 11.651 | 18.338 | 27.204 | 30.144 | 32.852 | 36.191 | 38.582 | 43.820 |
| 20 | 5.921 | 7.434 | 9.591 | 10.851 | 12.443 | 19.337 | 28.412 | 31.410 | 34.170 | 37.566 | 39.997 | 45.315 |
| 21 | 6.447 | 8.034 | 10.283 | 11.591 | 13.240 | 20.337 | 29.615 | 32.671 | 35.479 | 38.932 | 41.401 | 46.797 |
| 22 | 6.983 | 8.643 | 10.982 | 12.338 | 14.041 | 21.337 | 30.813 | 33.924 | 36.781 | 40.289 | 42.796 | 48.268 |
| 23 | 7.529 | 9.260 | 11.689 | 13.091 | 14.848 | 22.337 | 32.007 | 35.172 | 38.076 | 41.638 | 44.181 | 49.728 |
| 24 | 8.085 | 9.886 | 12.401 | 13.848 | 15.659 | 23.337 | 33.196 | 36.415 | 39.364 | 42.980 | 45.559 | 51.179 |
| 25 | 8.649 | 10.520 | 13.120 | 14.611 | 16.473 | 24.337 | 34.382 | 37.652 | 40.646 | 44.314 | 46.928 | 52.620 |
| 26 | 9.222 | 11.160 | 13.844 | 15.379 | 17.292 | 25.336 | 35.563 | 38.885 | 41.923 | 45.642 | 48.290 | 54.052 |
| 27 | 9.803 | 11.808 | 14.573 | 16.151 | 18.114 | 26.336 | 36.741 | 40.113 | 43.195 | 46.963 | 49.645 | 55.476 |
| 28 | 10.391 | 12.461 | 15.308 | 16.928 | 18.939 | 27.336 | 37.916 | 41.337 | 44.461 | 48.278 | 50.993 | 56.892 |
| 29 | 10.986 | 13.121 | 16.047 | 17.708 | 19.768 | 28.336 | 39.087 | 42.557 | 45.722 | 49.588 | 52.336 | 58.301 |
| 30 | 11.588 | 13.787 | 16.791 | 18.493 | 20.599 | 29.336 | 40.256 | 43.773 | 46.979 | 50.892 | 53.672 | 59.703 |
| 40 | 17.916 | 20.707 | 24.433 | 26.509 | 29.051 | 39.335 | 51.805 | 55.758 | 59.342 | 63.691 | 66.766 | 73.402 |
| 50 | 24.674 | 27.991 | 32.357 | 34.764 | 37.689 | 49.335 | 63.167 | 67.505 | 71.420 | 76.154 | 79.490 | 86.661 |
| 60 | 31.738 | 35.534 | 40.482 | 43.188 | 46.459 | 59.335 | 74.397 | 79.082 | 83.298 | 88.379 | 91.952 | 99.607 |
| 70 | 39.036 | 43.275 | 48.758 | 51.739 | 55.329 | 69.334 | 85.527 | 90.531 | 95.023 | 100.425 | 104.215 | 112.317 |
| 80 | 46.520 | 51.172 | 57.153 | 60.391 | 64.278 | 79.334 | 96.578 | 101.879 | 106.629 | 112.329 | 116.321 | 124.839 |
| 90 | 54.155 | 59.196 | 65.647 | 69.126 | 73.291 | 89.334 | 107.565 | 113.145 | 118.136 | 124.116 | 128.299 | 137.208 |
| 100 | 61.918 | 67.328 | 74.222 | 77.929 | 82.358 | 99.334 | 118.498 | 124.342 | 129.561 | 135.807 | 140.169 | 149.449 |

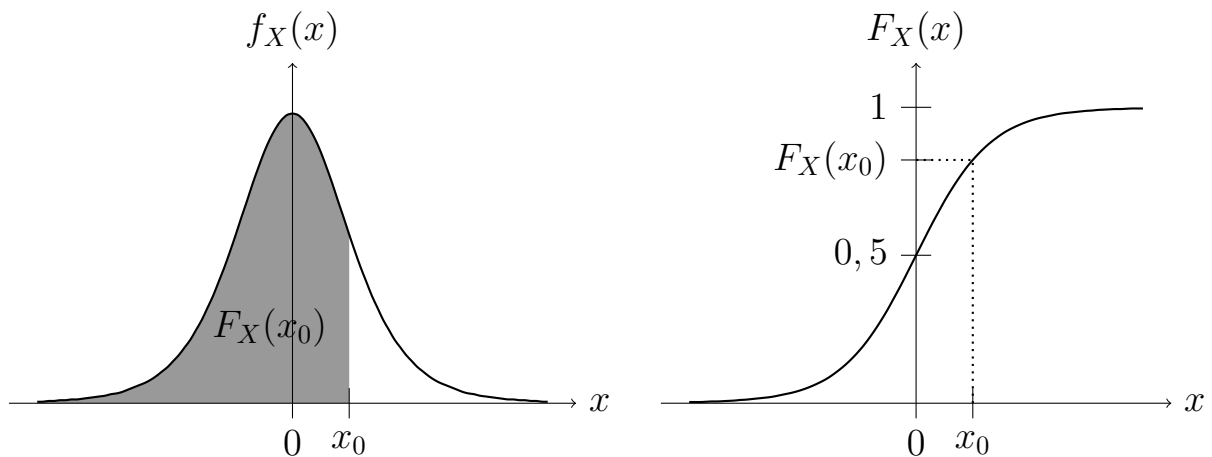
Tabelle 2: Für ausgewählte Wahrscheinlichkeiten $p \in \{0.001; 0.005; \dots; 0.999\}$ sind die Abszissenwerte einer χ^2 -Verteilung mit n Freiheitsgraden tabelliert. D.h. für gegebenes p ist das $x \in \mathbb{R}_{\geq 0}$ tabelliert, für das $P(X \leq x) = p$ (mit $X \sim \chi^2(n)$) gilt. Ablesebeispiel: Sei $X \sim \chi^2(21)$. Dann ist $P(X \leq 11.591) = F_X(11.591) = 0.05$.



A.3 t -Verteilung

| n | Werte p der Verteilungsfunktion | | | | | |
|----------|-----------------------------------|-------|--------|--------|---------|---------|
| | 0.9 | 0.95 | 0.975 | 0.995 | 0.999 | 0.9995 |
| 1 | 3.078 | 6.314 | 12.706 | 63.657 | 318.309 | 636.619 |
| 2 | 1.886 | 2.920 | 4.303 | 9.925 | 22.327 | 31.599 |
| 3 | 1.638 | 2.353 | 3.182 | 5.841 | 10.215 | 12.924 |
| 4 | 1.533 | 2.132 | 2.776 | 4.604 | 7.173 | 8.610 |
| 5 | 1.476 | 2.015 | 2.571 | 4.032 | 5.893 | 6.869 |
| 6 | 1.440 | 1.943 | 2.447 | 3.707 | 5.208 | 5.959 |
| 7 | 1.415 | 1.895 | 2.365 | 3.499 | 4.785 | 5.408 |
| 8 | 1.397 | 1.860 | 2.306 | 3.355 | 4.501 | 5.041 |
| 9 | 1.383 | 1.833 | 2.262 | 3.250 | 4.297 | 4.781 |
| 10 | 1.372 | 1.812 | 2.228 | 3.169 | 4.144 | 4.587 |
| 11 | 1.363 | 1.796 | 2.201 | 3.106 | 4.025 | 4.437 |
| 12 | 1.356 | 1.782 | 2.179 | 3.055 | 3.930 | 4.318 |
| 13 | 1.350 | 1.771 | 2.160 | 3.012 | 3.852 | 4.221 |
| 14 | 1.345 | 1.761 | 2.145 | 2.977 | 3.787 | 4.140 |
| 15 | 1.341 | 1.753 | 2.131 | 2.947 | 3.733 | 4.073 |
| 16 | 1.337 | 1.746 | 2.120 | 2.921 | 3.686 | 4.015 |
| 17 | 1.333 | 1.740 | 2.110 | 2.898 | 3.646 | 3.965 |
| 18 | 1.330 | 1.734 | 2.101 | 2.878 | 3.610 | 3.922 |
| 19 | 1.328 | 1.729 | 2.093 | 2.861 | 3.579 | 3.883 |
| 20 | 1.325 | 1.725 | 2.086 | 2.845 | 3.552 | 3.850 |
| 21 | 1.323 | 1.721 | 2.080 | 2.831 | 3.527 | 3.819 |
| 22 | 1.321 | 1.717 | 2.074 | 2.819 | 3.505 | 3.792 |
| 23 | 1.319 | 1.714 | 2.069 | 2.807 | 3.485 | 3.768 |
| 24 | 1.318 | 1.711 | 2.064 | 2.797 | 3.467 | 3.745 |
| 25 | 1.316 | 1.708 | 2.060 | 2.787 | 3.450 | 3.725 |
| 26 | 1.315 | 1.706 | 2.056 | 2.779 | 3.435 | 3.707 |
| 27 | 1.314 | 1.703 | 2.052 | 2.771 | 3.421 | 3.690 |
| 28 | 1.313 | 1.701 | 2.048 | 2.763 | 3.408 | 3.674 |
| 29 | 1.311 | 1.699 | 2.045 | 2.756 | 3.396 | 3.659 |
| 30 | 1.310 | 1.697 | 2.042 | 2.750 | 3.385 | 3.646 |
| 40 | 1.303 | 1.684 | 2.021 | 2.704 | 3.307 | 3.551 |
| 60 | 1.296 | 1.671 | 2.000 | 2.660 | 3.232 | 3.460 |
| 120 | 1.289 | 1.658 | 1.980 | 2.617 | 3.160 | 3.373 |
| ∞ | 1.282 | 1.645 | 1.960 | 2.576 | 3.090 | 3.291 |

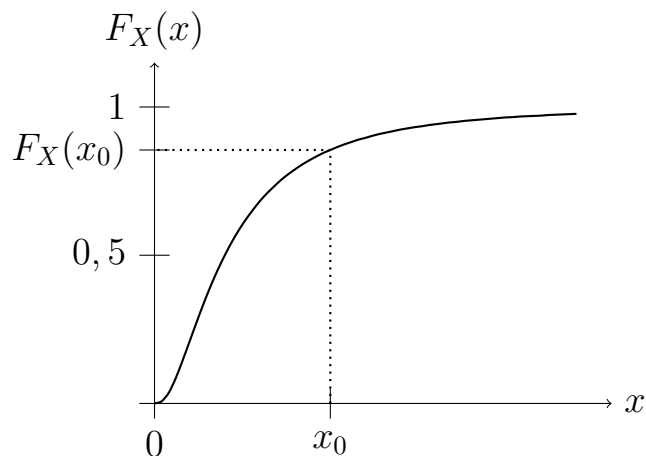
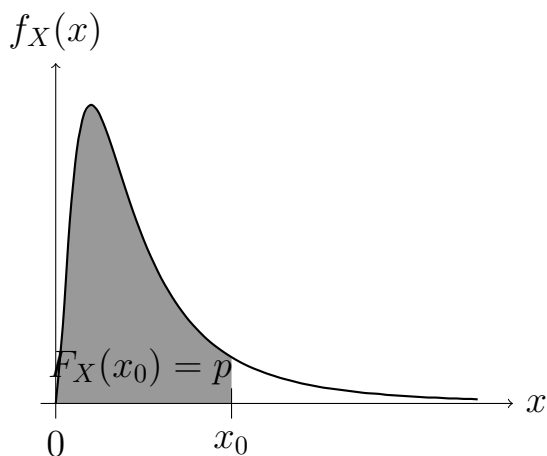
Tabelle 3: Für ausgewählte Wahrscheinlichkeiten $p \in \{0.9, 0.95, \dots, 0.9995\}$ sind die Abszissenwerte einer t -Verteilung mit n Freiheitsgraden tabelliert. D.h. für gegebenes p ist das $x \in \mathbb{R}$ tabelliert, für das $P(X \leq x) = p$ (mit $X \sim t(n)$) gilt. Ablesebeispiel: Sei $X \sim t(16)$. Dann ist $P(X \leq 1.746) = F_X(1.746) = 0.95$.



A.4 F -Verteilung

| $n \backslash m$ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | 648.00 | 799.00 | 864.00 | 900.00 | 922.00 | 937.00 | 948.00 | 957.00 | 963.00 | 969.00 | 973.00 | 977.00 |
| 2 | 38.51 | 39.00 | 39.17 | 39.25 | 39.30 | 39.33 | 39.36 | 39.37 | 39.39 | 39.40 | 39.41 | 39.41 |
| 3 | 17.44 | 16.04 | 15.44 | 15.10 | 14.88 | 14.73 | 14.62 | 14.54 | 14.47 | 14.42 | 14.37 | 14.34 |
| 4 | 12.22 | 10.65 | 9.98 | 9.60 | 9.36 | 9.20 | 9.07 | 8.98 | 8.90 | 8.84 | 8.79 | 8.75 |
| 5 | 10.01 | 8.43 | 7.76 | 7.39 | 7.15 | 6.98 | 6.85 | 6.76 | 6.68 | 6.62 | 6.57 | 6.52 |
| 6 | 8.81 | 7.26 | 6.60 | 6.23 | 5.99 | 5.82 | 5.70 | 5.60 | 5.52 | 5.46 | 5.41 | 5.37 |
| 7 | 8.07 | 6.54 | 5.89 | 5.52 | 5.29 | 5.12 | 4.99 | 4.90 | 4.82 | 4.76 | 4.71 | 4.67 |
| 8 | 7.57 | 6.06 | 5.42 | 5.05 | 4.82 | 4.65 | 4.53 | 4.43 | 4.36 | 4.30 | 4.24 | 4.20 |
| 9 | 7.21 | 5.71 | 5.08 | 4.72 | 4.48 | 4.32 | 4.20 | 4.10 | 4.03 | 3.96 | 3.91 | 3.87 |
| 10 | 6.94 | 5.46 | 4.83 | 4.47 | 4.24 | 4.07 | 3.95 | 3.85 | 3.78 | 3.72 | 3.66 | 3.62 |
| 11 | 6.72 | 5.26 | 4.63 | 4.28 | 4.04 | 3.88 | 3.76 | 3.66 | 3.59 | 3.53 | 3.47 | 3.43 |
| 12 | 6.55 | 5.10 | 4.47 | 4.12 | 3.89 | 3.73 | 3.61 | 3.51 | 3.44 | 3.37 | 3.32 | 3.28 |
| 13 | 6.41 | 4.97 | 4.35 | 4.00 | 3.77 | 3.60 | 3.48 | 3.39 | 3.31 | 3.25 | 3.20 | 3.15 |
| 14 | 6.30 | 4.86 | 4.24 | 3.89 | 3.66 | 3.50 | 3.38 | 3.29 | 3.21 | 3.15 | 3.09 | 3.05 |
| 15 | 6.20 | 4.77 | 4.15 | 3.80 | 3.58 | 3.41 | 3.29 | 3.20 | 3.12 | 3.06 | 3.01 | 2.96 |
| 16 | 6.12 | 4.69 | 4.08 | 3.73 | 3.50 | 3.34 | 3.22 | 3.12 | 3.05 | 2.99 | 2.93 | 2.89 |
| 17 | 6.04 | 4.62 | 4.01 | 3.66 | 3.44 | 3.28 | 3.16 | 3.06 | 2.98 | 2.92 | 2.87 | 2.82 |
| 18 | 5.98 | 4.56 | 3.95 | 3.61 | 3.38 | 3.22 | 3.10 | 3.01 | 2.93 | 2.87 | 2.81 | 2.77 |
| 19 | 5.92 | 4.51 | 3.90 | 3.56 | 3.33 | 3.17 | 3.05 | 2.96 | 2.88 | 2.82 | 2.76 | 2.72 |
| 20 | 5.87 | 4.46 | 3.86 | 3.51 | 3.29 | 3.13 | 3.01 | 2.91 | 2.84 | 2.77 | 2.72 | 2.68 |
| 22 | 5.79 | 4.38 | 3.78 | 3.44 | 3.22 | 3.05 | 2.93 | 2.84 | 2.76 | 2.70 | 2.65 | 2.60 |
| 24 | 5.72 | 4.32 | 3.72 | 3.38 | 3.15 | 2.99 | 2.87 | 2.78 | 2.70 | 2.64 | 2.59 | 2.54 |
| 26 | 5.66 | 4.27 | 3.67 | 3.33 | 3.10 | 2.94 | 2.82 | 2.73 | 2.65 | 2.59 | 2.54 | 2.49 |
| 28 | 5.61 | 4.22 | 3.63 | 3.29 | 3.06 | 2.90 | 2.78 | 2.69 | 2.61 | 2.55 | 2.49 | 2.45 |
| 30 | 5.57 | 4.18 | 3.59 | 3.25 | 3.03 | 2.87 | 2.75 | 2.65 | 2.57 | 2.51 | 2.46 | 2.41 |
| 40 | 5.42 | 4.05 | 3.46 | 3.13 | 2.90 | 2.74 | 2.62 | 2.53 | 2.45 | 2.39 | 2.33 | 2.29 |
| 50 | 5.34 | 3.97 | 3.39 | 3.05 | 2.83 | 2.67 | 2.55 | 2.46 | 2.38 | 2.32 | 2.26 | 2.22 |
| 60 | 5.29 | 3.93 | 3.34 | 3.01 | 2.79 | 2.63 | 2.51 | 2.41 | 2.33 | 2.27 | 2.22 | 2.17 |
| 80 | 5.22 | 3.86 | 3.28 | 2.95 | 2.73 | 2.57 | 2.45 | 2.35 | 2.28 | 2.21 | 2.16 | 2.11 |
| 100 | 5.18 | 3.83 | 3.25 | 2.92 | 2.70 | 2.54 | 2.42 | 2.32 | 2.24 | 2.18 | 2.12 | 2.08 |
| 200 | 5.10 | 3.76 | 3.18 | 2.85 | 2.63 | 2.47 | 2.35 | 2.26 | 2.18 | 2.11 | 2.06 | 2.01 |
| 300 | 5.07 | 3.73 | 3.16 | 2.83 | 2.61 | 2.45 | 2.33 | 2.23 | 2.16 | 2.09 | 2.04 | 1.99 |
| 500 | 5.05 | 3.72 | 3.14 | 2.81 | 2.59 | 2.43 | 2.31 | 2.22 | 2.14 | 2.07 | 2.02 | 1.97 |
| 1000 | 5.04 | 3.70 | 3.13 | 2.80 | 2.58 | 2.42 | 2.30 | 2.20 | 2.13 | 2.06 | 2.01 | 1.96 |
| ∞ | 5.02 | 3.69 | 3.12 | 2.79 | 2.57 | 2.41 | 2.29 | 2.19 | 2.11 | 2.05 | 1.99 | 1.94 |

Tabelle 4: Für die Wahrscheinlichkeit $p = 0.975$ sind die Abszissenwerte einer F -Verteilung mit m und n Freiheitsgraden tabelliert. D.h. für gegebenes $p = 0.975$ ist das $x \in \mathbb{R}_{\geq 0}$ tabelliert, für das $P(X \leq x) = 0.975$ (mit $X \sim F(m, n)$) gilt. Ablesebeispiel: Sei $X \sim F(9, 8)$. Dann ist $P(X \leq 4.36) = F_X(4.36) = 0.975$.



| $\begin{array}{c c} m \\ \hline n \end{array}$ | 13 | 14 | 15 | 16 | 18 | 20 | 30 | 40 | 50 | 100 | 500 | ∞ |
|--|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|----------|
| 1 | 980.00 | 983.00 | 985.00 | 987.00 | 990.00 | 993.00 | 1001.00 | 1006.00 | 1008.00 | 1013.00 | 1017.00 | 1018.00 |
| 2 | 39.42 | 39.43 | 39.43 | 39.44 | 39.44 | 39.45 | 39.46 | 39.47 | 39.48 | 39.49 | 39.50 | 39.50 |
| 3 | 14.30 | 14.28 | 14.25 | 14.23 | 14.20 | 14.17 | 14.08 | 14.04 | 14.01 | 13.96 | 13.91 | 13.90 |
| 4 | 8.71 | 8.68 | 8.66 | 8.63 | 8.59 | 8.56 | 8.46 | 8.41 | 8.38 | 8.32 | 8.27 | 8.26 |
| 5 | 6.49 | 6.46 | 6.43 | 6.40 | 6.36 | 6.33 | 6.23 | 6.18 | 6.14 | 6.08 | 6.03 | 6.02 |
| 6 | 5.33 | 5.30 | 5.27 | 5.24 | 5.20 | 5.17 | 5.07 | 5.01 | 4.98 | 4.92 | 4.86 | 4.85 |
| 7 | 4.63 | 4.60 | 4.57 | 4.54 | 4.50 | 4.47 | 4.36 | 4.31 | 4.28 | 4.21 | 4.16 | 4.14 |
| 8 | 4.16 | 4.13 | 4.10 | 4.08 | 4.03 | 4.00 | 3.89 | 3.84 | 3.81 | 3.74 | 3.68 | 3.67 |
| 9 | 3.83 | 3.80 | 3.77 | 3.74 | 3.70 | 3.67 | 3.56 | 3.51 | 3.47 | 3.40 | 3.35 | 3.33 |
| 10 | 3.58 | 3.55 | 3.52 | 3.50 | 3.45 | 3.42 | 3.31 | 3.26 | 3.22 | 3.15 | 3.09 | 3.08 |
| 11 | 3.39 | 3.36 | 3.33 | 3.30 | 3.26 | 3.23 | 3.12 | 3.06 | 3.03 | 2.96 | 2.90 | 2.88 |
| 12 | 3.24 | 3.21 | 3.18 | 3.15 | 3.11 | 3.07 | 2.96 | 2.91 | 2.87 | 2.80 | 2.74 | 2.72 |
| 13 | 3.12 | 3.08 | 3.05 | 3.03 | 2.98 | 2.95 | 2.84 | 2.78 | 2.74 | 2.67 | 2.61 | 2.60 |
| 14 | 3.01 | 2.98 | 2.95 | 2.92 | 2.88 | 2.84 | 2.73 | 2.67 | 2.64 | 2.56 | 2.50 | 2.49 |
| 15 | 2.92 | 2.89 | 2.86 | 2.84 | 2.79 | 2.76 | 2.64 | 2.59 | 2.55 | 2.47 | 2.41 | 2.40 |
| 16 | 2.85 | 2.82 | 2.79 | 2.76 | 2.72 | 2.68 | 2.57 | 2.51 | 2.47 | 2.40 | 2.33 | 2.32 |
| 17 | 2.79 | 2.75 | 2.72 | 2.70 | 2.65 | 2.62 | 2.50 | 2.44 | 2.41 | 2.33 | 2.26 | 2.25 |
| 18 | 2.73 | 2.70 | 2.67 | 2.64 | 2.60 | 2.56 | 2.44 | 2.38 | 2.35 | 2.27 | 2.20 | 2.19 |
| 19 | 2.68 | 2.65 | 2.62 | 2.59 | 2.55 | 2.51 | 2.39 | 2.33 | 2.30 | 2.22 | 2.15 | 2.13 |
| 20 | 2.64 | 2.60 | 2.57 | 2.55 | 2.50 | 2.46 | 2.35 | 2.29 | 2.25 | 2.17 | 2.10 | 2.09 |
| 22 | 2.56 | 2.53 | 2.50 | 2.47 | 2.43 | 2.39 | 2.27 | 2.21 | 2.17 | 2.09 | 2.02 | 2.00 |
| 24 | 2.50 | 2.47 | 2.44 | 2.41 | 2.36 | 2.33 | 2.21 | 2.15 | 2.11 | 2.02 | 1.95 | 1.94 |
| 26 | 2.45 | 2.42 | 2.39 | 2.36 | 2.31 | 2.28 | 2.16 | 2.09 | 2.05 | 1.97 | 1.90 | 1.88 |
| 28 | 2.41 | 2.37 | 2.34 | 2.32 | 2.27 | 2.23 | 2.11 | 2.05 | 2.01 | 1.92 | 1.85 | 1.83 |
| 30 | 2.37 | 2.34 | 2.31 | 2.28 | 2.23 | 2.20 | 2.07 | 2.01 | 1.97 | 1.88 | 1.81 | 1.79 |
| 40 | 2.25 | 2.21 | 2.18 | 2.15 | 2.11 | 2.07 | 1.94 | 1.88 | 1.83 | 1.74 | 1.66 | 1.64 |
| 50 | 2.18 | 2.14 | 2.11 | 2.08 | 2.03 | 1.99 | 1.87 | 1.80 | 1.75 | 1.66 | 1.57 | 1.55 |
| 60 | 2.13 | 2.09 | 2.06 | 2.03 | 1.98 | 1.94 | 1.82 | 1.74 | 1.70 | 1.60 | 1.51 | 1.48 |
| 80 | 2.07 | 2.03 | 2.00 | 1.97 | 1.92 | 1.88 | 1.75 | 1.68 | 1.63 | 1.53 | 1.43 | 1.40 |
| 100 | 2.04 | 2.00 | 1.97 | 1.94 | 1.89 | 1.85 | 1.71 | 1.64 | 1.59 | 1.48 | 1.38 | 1.35 |
| 200 | 1.97 | 1.93 | 1.90 | 1.87 | 1.82 | 1.78 | 1.64 | 1.56 | 1.51 | 1.39 | 1.27 | 1.23 |
| 300 | 1.95 | 1.91 | 1.88 | 1.85 | 1.80 | 1.75 | 1.62 | 1.54 | 1.48 | 1.36 | 1.23 | 1.18 |
| 500 | 1.93 | 1.89 | 1.86 | 1.83 | 1.78 | 1.74 | 1.60 | 1.52 | 1.46 | 1.34 | 1.19 | 1.14 |
| 1000 | 1.92 | 1.88 | 1.85 | 1.82 | 1.77 | 1.72 | 1.58 | 1.50 | 1.45 | 1.32 | 1.16 | 1.09 |
| ∞ | 1.90 | 1.87 | 1.83 | 1.80 | 1.75 | 1.71 | 1.57 | 1.48 | 1.43 | 1.30 | 1.13 | 1.00 |

Tabelle 5: Für die Wahrscheinlichkeit $p = 0.975$ sind die Abszissenwerte einer F -Verteilung mit m und n Freiheitsgraden tabelliert. D.h. für gegebenes $p = 0.975$ ist das $x \in \mathbb{R}_{\geq 0}$ tabelliert, für das $P(X \leq x) = 0.975$ (mit $X \sim F(m, n)$) gilt. Ablesebeispiel: Sei $X \sim F(16, 28)$. Dann ist $P(X \leq 2.32) = F_X(2.32) = 0.975$.

