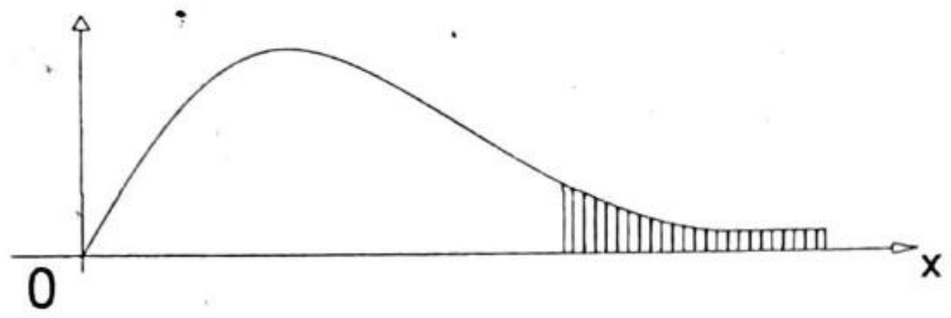
# TABLA N° 1: Valores de probabilidad acumulada para la Dist. Normal Estándar

| $Z_{cab}$ | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 |
|---|---|---|---|---|---|---|---|---|---|---|
| **-3.4** | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0003 | 0.0002 |
| **-3.3** | 0.0005 | 0.0005 | 0.0005 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0003 |
| **-3.2** | 0.0007 | 0.0007 | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0006 | 0.0005 | 0.0005 | 0.0005 |
| **-3.1** | 0.0010 | 0.0009 | 0.0009 | 0.0009 | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0007 | 0.0007 |
| **-3.0** | 0.0013 | 0.0013 | 0.0013 | 0.0012 | 0.0012 | 0.0011 | 0.0011 | 0.0011 | 0.0010 | 0.0010 |
| **-2.9** | 0.0019 | 0.0018 | 0.0018 | 0.0017 | 0.0016 | 0.0016 | 0.0015 | 0.0015 | 0.0014 | 0.0014 |
| **-2.8** | 0.0026 | 0.0025 | 0.0024 | 0.0023 | 0.0023 | 0.0022 | 0.0021 | 0.0021 | 0.0020 | 0.0019 |
| **-2.7** | 0.0035 | 0.0034 | 0.0033 | 0.0032 | 0.0031 | 0.0030 | 0.0029 | 0.0028 | 0.0027 | 0.0026 |
| **-2.6** | 0.0047 | 0.0045 | 0.0044 | 0.0043 | 0.0041 | 0.0040 | 0.0039 | 0.0038 | 0.0037 | 0.0036 |
| **-2.5** | 0.0062 | 0.0060 | 0.0059 | 0.0057 | 0.0055 | 0.0054 | 0.0052 | 0.0051 | 0.0049 | 0.0048 |
| **-2.4** | 0.0082 | 0.0080 | 0.0078 | 0.0075 | 0.0073 | 0.0071 | 0.0069 | 0.0068 | 0.0066 | 0.0064 |
| **-2.3** | 0.0107 | 0.0104 | 0.0102 | 0.0099 | 0.0096 | 0.0094 | 0.0091 | 0.0089 | 0.0087 | 0.0084 |
| **-2.2** | 0.0139 | 0.0136 | 0.0132 | 0.0129 | 0.0125 | 0.0122 | 0.0119 | 0.0116 | 0.0113 | 0.0110 |
| **-2.1** | 0.0179 | 0.0174 | 0.0170 | 0.0166 | 0.0162 | 0.0158 | 0.0154 | 0.0150 | 0.0146 | 0.0143 |
| **-2.0** | 0.0228 | 0.0222 | 0.0217 | 0.0212 | 0.0207 | 0.0202 | 0.0197 | 0.0192 | 0.0188 | 0.0183 |
| **-1.9** | 0.0287 | 0.0281 | 0.0274 | 0.0268 | 0.0262 | 0.0256 | 0.0250 | 0.0244 | 0.0239 | 0.0233 |
| **-1.8** | 0.0359 | 0.0351 | 0.0344 | 0.0336 | 0.0329 | 0.0322 | 0.0314 | 0.0307 | 0.0301 | 0.0294 |
| **-1.7** | 0.0446 | 0.0436 | 0.0427 | 0.0418 | 0.0409 | 0.0401 | 0.0392 | 0.0384 | 0.0375 | 0.0367 |
| **-1.6** | 0.0548 | 0.0537 | 0.0526 | 0.0516 | 0.0505 | 0.0495 | 0.0485 | 0.0475 | 0.0465 | 0.0455 |
| **-1.5** | 0.0668 | 0.0655 | 0.0643 | 0.0630 | 0.0618 | 0.0606 | 0.0594 | 0.0582 | 0.0571 | 0.0559 |
| **-1.4** | 0.0808 | 0.0793 | 0.0778 | 0.0764 | 0.0749 | 0.0735 | 0.0721 | 0.0708 | 0.0694 | 0.0681 |
| **-1.3** | 0.0968 | 0.0951 | 0.0934 | 0.0918 | 0.0901 | 0.0885 | 0.0869 | 0.0853 | 0.0838 | 0.0823 |
| **-1.2** | 0.1151 | 0.1131 | 0.1112 | 0.1093 | 0.1075 | 0.1056 | 0.1038 | 0.1020 | 0.1003 | 0.0985 |
| **-1.1** | 0.1357 | 0.1335 | 0.1314 | 0.1292 | 0.1271 | 0.1251 | 0.1230 | 0.1210 | 0.1190 | 0.1170 |
| **-1.0** | 0.1587 | 0.1562 | 0.1539 | 0.1515 | 0.1492 | 0.1469 | 0.1446 | 0.1423 | 0.1401 | 0.1379 |
| **-0.9** | 0.1841 | 0.1814 | 0.1788 | 0.1762 | 0.1736 | 0.1711 | 0.1685 | 0.1660 | 0.1635 | 0.1611 |
| **-0.8** | 0.2119 | 0.2090 | 0.2061 | 0.2033 | 0.2005 | 0.1977 | 0.1949 | 0.1922 | 0.1894 | 0.1867 |
| **-0.7** | 0.2420 | 0.2389 | 0.2358 | 0.2327 | 0.2296 | 0.2266 | 0.2236 | 0.2206 | 0.2177 | 0.2148 |
| **-0.6** | 0.2743 | 0.2709 | 0.2676 | 0.2643 | 0.2611 | 0.2578 | 0.2546 | 0.2514 | 0.2483 | 0.2451 |
| **-0.5** | 0.3085 | 0.3050 | 0.3015 | 0.2981 | 0.2946 | 0.2912 | 0.2877 | 0.2843 | 0.2810 | 0.2776 |
| **-0.4** | 0.3446 | 0.3409 | 0.3372 | 0.3336 | 0.3300 | 0.3264 | 0.3228 | 0.3192 | 0.3156 | 0.3121 |
| **-0.3** | 0.3821 | 0.3783 | 0.3745 | 0.3707 | 0.3669 | 0.3632 | 0.3594 | 0.3557 | 0.3520 | 0.3483 |
| **-0.2** | 0.4207 | 0.4168 | 0.4129 | 0.4090 | 0.4052 | 0.4013 | 0.3974 | 0.3936 | 0.3897 | 0.3859 |
| **-0.1** | 0.4602 | 0.4562 | 0.4522 | 0.4483 | 0.4443 | 0.4404 | 0.4364 | 0.4325 | 0.4286 | 0.4247 |
| **-0.0** | 0.5000 | 0.4960 | 0.4920 | 0.4880 | 0.4840 | 0.4801 | 0.4761 | 0.4721 | 0.4681 | 0.4641 |
| **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 | 0.9988 | 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 | 0.9993 | 0.9994 | 0.9994 | 0.9994 | 0.9995 | 0.9994 | 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 | 0.9997 |

## TABLA N° 2: Valores de cuantiles de la Distribución "t" de Student

| v | $t_{0.001}$ | $t_{0.005}$ | $t_{0.010}$ | $t_{0.025}$ | $t_{0.050}$ | $t_{0.100}$ | $t_{0.200}$ | $t_{0.800}$ | $t_{0.900}$ | $t_{0.950}$ | $t_{0.975}$ | $t_{0.990}$ | $t_{0.995}$ | $t_{0.999}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | -318.309 | -63.657 | -31.821 | -12.706 | -6.314 | -3.078 | -1.376 | 1.376 | 3.078 | 6.314 | 12.706 | 31.820 | 63.656 | 318.294 |
| 2 | -22.327 | -9.925 | -6.965 | -4.303 | -2.920 | -1.886 | -1.061 | 1.061 | 1.886 | 2.920 | 4.303 | 6.965 | 9.925 | 22.327 |
| 3 | -10.215 | -5.841 | -4.541 | -3.182 | -2.353 | -1.638 | -0.978 | 0.978 | 1.638 | 2.353 | 3.182 | 4.541 | 5.841 | 10.214 |
| 4 | -7.173 | -4.604 | -3.747 | -2.776 | -2.132 | -1.533 | -0.941 | 0.941 | 1.533 | 2.132 | 2.776 | 3.747 | 4.604 | 7.173 |
| 5 | -5.893 | -4.032 | -3.365 | -2.571 | -2.015 | -1.476 | -0.920 | 0.920 | 1.476 | 2.015 | 2.571 | 3.365 | 4.032 | 5.893 |
| 6 | -5.208 | -3.707 | -3.143 | -2.447 | -1.943 | -1.440 | -0.906 | 0.906 | 1.440 | 1.943 | 2.447 | 3.143 | 3.707 | 5.208 |
| 7 | -4.785 | -3.499 | -2.998 | -2.365 | -1.895 | -1.415 | -0.896 | 0.896 | 1.415 | 1.895 | 2.365 | 2.998 | 3.499 | 4.785 |
| 8 | -4.501 | -3.355 | -2.896 | -2.306 | -1.860 | -1.397 | -0.889 | 0.889 | 1.397 | 1.860 | 2.306 | 2.896 | 3.355 | 4.501 |
| 9 | -4.297 | -3.250 | -2.821 | -2.262 | -1.833 | -1.383 | -0.883 | 0.883 | 1.383 | 1.833 | 2.262 | 2.821 | 3.250 | 4.297 |
| 10 | -4.144 | -3.169 | -2.764 | -2.228 | -1.812 | -1.372 | -0.879 | 0.879 | 1.372 | 1.812 | 2.228 | 2.764 | 3.169 | 4.144 |
| 11 | -4.025 | -3.106 | -2.718 | -2.201 | -1.796 | -1.363 | -0.876 | 0.876 | 1.363 | 1.796 | 2.201 | 2.718 | 3.106 | 4.025 |
| 12 | -3.930 | -3.055 | -2.681 | -2.179 | -1.782 | -1.356 | -0.873 | 0.873 | 1.356 | 1.782 | 2.179 | 2.681 | 3.055 | 3.930 |
| 13 | -3.852 | -3.012 | -2.650 | -2.160 | -1.771 | -1.350 | -0.870 | 0.870 | 1.350 | 1.771 | 2.160 | 2.650 | 3.012 | 3.852 |
| 14 | -3.787 | -2.977 | -2.624 | -2.145 | -1.761 | -1.345 | -0.868 | 0.868 | 1.345 | 1.761 | 2.145 | 2.624 | 2.977 | 3.787 |
| 15 | -3.733 | -2.947 | -2.602 | -2.131 | -1.753 | -1.341 | -0.866 | 0.866 | 1.341 | 1.753 | 2.131 | 2.602 | 2.947 | 3.733 |
| 16 | -3.686 | -2.921 | -2.583 | -2.120 | -1.746 | -1.337 | -0.865 | 0.865 | 1.337 | 1.746 | 2.120 | 2.583 | 2.921 | 3.686 |
| 17 | -3.646 | -2.898 | -2.567 | -2.110 | -1.740 | -1.333 | -0.863 | 0.863 | 1.333 | 1.740 | 2.110 | 2.567 | 2.898 | 3.646 |
| 18 | -3.610 | -2.878 | -2.552 | -2.101 | -1.734 | -1.330 | -0.862 | 0.862 | 1.330 | 1.734 | 2.101 | 2.552 | 2.878 | 3.610 |
| 19 | -3.579 | -2.861 | -2.539 | -2.093 | -1.729 | -1.328 | -0.861 | 0.861 | 1.328 | 1.729 | 2.093 | 2.539 | 2.861 | 3.579 |
| 20 | -3.552 | -2.845 | -2.528 | -2.086 | -1.725 | -1.325 | -0.860 | 0.860 | 1.325 | 1.725 | 2.086 | 2.528 | 2.845 | 3.552 |
| 21 | -3.527 | -2.831 | -2.518 | -2.080 | -1.721 | -1.323 | -0.859 | 0.859 | 1.323 | 1.721 | 2.080 | 2.518 | 2.831 | 3.527 |
| 22 | -3.505 | -2.819 | -2.508 | -2.074 | -1.717 | -1.321 | -0.858 | 0.858 | 1.321 | 1.717 | 2.074 | 2.508 | 2.819 | 3.505 |
| 23 | -3.485 | -2.807 | -2.500 | -2.069 | -1.714 | -1.319 | -0.858 | 0.858 | 1.319 | 1.714 | 2.069 | 2.500 | 2.807 | 3.485 |
| 24 | -3.467 | -2.797 | -2.492 | -2.064 | -1.711 | -1.318 | -0.857 | 0.857 | 1.318 | 1.711 | 2.064 | 2.492 | 2.797 | 3.467 |
| 25 | -3.450 | -2.787 | -2.485 | -2.060 | -1.708 | -1.316 | -0.856 | 0.856 | 1.316 | 1.708 | 2.060 | 2.485 | 2.787 | 3.450 |
| 26 | -3.435 | -2.779 | -2.479 | -2.056 | -1.706 | -1.315 | -0.856 | 0.856 | 1.315 | 1.706 | 2.056 | 2.479 | 2.779 | 3.435 |
| 27 | -3.421 | -2.771 | -2.473 | -2.052 | -1.703 | -1.314 | -0.855 | 0.855 | 1.314 | 1.703 | 2.052 | 2.473 | 2.771 | 3.421 |
| 28 | -3.408 | -2.763 | -2.467 | -2.048 | -1.701 | -1.313 | -0.855 | 0.855 | 1.313 | 1.701 | 2.048 | 2.467 | 2.763 | 3.408 |
| 29 | -3.396 | -2.756 | -2.462 | -2.045 | -1.699 | -1.311 | -0.854 | 0.854 | 1.311 | 1.699 | 2.045 | 2.462 | 2.756 | 3.396 |
| 30 | -3.385 | -2.750 | -2.457 | -2.042 | -1.697 | -1.310 | -0.854 | 0.854 | 1.310 | 1.697 | 2.042 | 2.457 | 2.750 | 3.385 |
| 35 | -3.340 | -2.724 | -2.438 | -2.030 | -1.690 | -1.306 | -0.852 | 0.852 | 1.306 | 1.690 | 2.030 | 2.438 | 2.724 | 3.340 |
| 40 | -3.307 | -2.704 | -2.423 | -2.021 | -1.684 | -1.303 | -0.851 | 0.851 | 1.303 | 1.684 | 2.021 | 2.423 | 2.704 | 3.307 |
| 45 | -3.281 | -2.690 | -2.412 | -2.014 | -1.679 | -1.301 | -0.850 | 0.850 | 1.301 | 1.679 | 2.014 | 2.412 | 2.690 | 3.281 |
| 50 | -3.261 | -2.678 | -2.403 | -2.009 | -1.676 | -1.299 | -0.849 | 0.849 | 1.299 | 1.676 | 2.009 | 2.403 | 2.678 | 3.261 |
| 60 | -3.232 | -2.660 | -2.390 | -2.000 | -1.671 | -1.296 | -0.848 | 0.848 | 1.296 | 1.671 | 2.000 | 2.390 | 2.660 | 3.232 |
| 70 | -3.211 | -2.648 | -2.381 | -1.994 | -1.667 | -1.294 | -0.847 | 0.847 | 1.294 | 1.667 | 1.994 | 2.381 | 2.648 | 3.211 |
| 80 | -3.195 | -2.639 | -2.374 | -1.990 | -1.664 | -1.292 | -0.846 | 0.846 | 1.292 | 1.664 | 1.990 | 2.374 | 2.639 | 3.195 |
| 90 | -3.183 | -2.632 | -2.369 | -1.987 | -1.662 | -1.291 | -0.846 | 0.846 | 1.291 | 1.662 | 1.987 | 2.368 | 2.632 | 3.183 |
| 100 | -3.174 | -2.626 | -2.364 | -1.984 | -1.660 | -1.290 | -0.845 | 0.845 | 1.290 | 1.660 | 1.984 | 2.364 | 2.626 | 3.174 |
| 200 | -3.131 | -2.601 | -2.345 | -1.972 | -1.652 | -1.286 | -0.843 | 0.843 | 1.286 | 1.652 | 1.972 | 2.345 | 2.601 | 3.131 |
| 500 | -3.107 | -2.586 | -2.334 | -1.965 | -1.648 | -1.283 | -0.842 | 0.842 | 1.283 | 1.648 | 1.965 | 2.334 | 2.586 | 3.107 |
| 1000 | -3.098 | -2.581 | -2.330 | -1.962 | -1.646 | -1.282 | -0.842 | 0.842 | 1.282 | 1.646 | 1.962 | 2.330 | 2.581 | 3.098 |

# TABLA No 3: Proporciones de área superior para la Distribución $\chi^2$




| gl | 0,995 | 0,99 | 0,975 | 0,95 | 0,9 | 0,5 | 0,1 | 0,05 | 0,025 | 0,01 | 0,005 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | 0,00004 | 0,00016 | 0,00098 | 0,00393 | 0,0158 | 0,455 | 2,71 | 3,84 | 5,02 | 6,63 | 7,88 |
| **2** | 0,01 | 0,0201 | 0,0506 | 0,103 | 0,211 | 1,386 | 4,61 | 5,99 | 7,38 | 9,21 | 10,60 |
| **3** | 0,072 | 0,115 | 0,216 | 0,352 | 0,584 | 2,366 | 6,25 | 7,81 | 9,35 | 11,34 | 12,84 |
| **4** | 0,207 | 0,297 | 0,484 | 0,711 | 1,064 | 3,357 | 7,78 | 9,49 | 11,14 | 13,28 | 14,66 |
| **5** | 0,412 | 0,554 | 0,831 | 1,145 | 1,61 | 4,251 | 9,24 | 11,07 | 12,83 | 15,09 | 16,75 |
| **6** | 0,676 | 0,872 | 1,24 | 1,64 | 2,20 | 5,35 | 10,64 | 12,59 | 14,45 | 16,81 | 18,55 |
| **7** | 0,989 | 1,24 | 1,69 | 2,17 | 2,83 | 6,35 | 12,02 | 14,07 | 16,01 | 18,48 | 20,28 |
| **8** | 1,34 | 1,65 | 2,18 | 2,73 | 3,49 | 7,34 | 13,36 | 15,51 | 17,53 | 20,09 | 21,96 |
| **9** | 1,73 | 2,09 | 2,70 | 3,33 | 4,17 | 8,34 | 14,68 | 16,92 | 19,02 | 21,67 | 23,59 |
| **10** | 2,16 | 2,56 | 3,25 | 3,94 | 4,87 | 9,34 | 15,99 | 18,31 | 20,48 | 23,21 | 25,19 |
| **11** | 2,60 | 3,05 | 3,82 | 4,57 | 5,58 | 10,34 | 17,28 | 19,68 | 21,92 | 24,73 | 26,76 |
| **12** | 3,07 | 3,57 | 4,40 | 5,23 | 6,30 | 11,34 | 18,55 | 21,23 | 23,34 | 26,22 | 28,30 |
| **13** | 3,57 | 4,11 | 5,01 | 5,89 | 7,04 | 12,34 | 19,81 | 22,36 | 24,74 | 27,69 | 29,82 |
| **14** | 4,07 | 4,66 | 5,63 | 6,57 | 7,79 | 13,34 | 21,06 | 23,68 | 26,12 | 29,14 | 31,32 |
| **15** | 4,60 | 5,23 | 6,26 | 7,26 | 8,55 | 14,34 | 22,31 | 25,00 | 27,49 | 30,58 | 32,80 |
| **16** | 5,14 | 5,81 | 6,91 | 7,96 | 9,31 | 15,34 | 23,54 | 26,30 | 28,85 | 32,00 | 34,27 |
| **17** | 5,70 | 6,41 | 7,56 | 8,67 | 10,09 | 16,34 | 24,77 | 27,59 | 30,19 | 33,41 | 35,72 |
| **18** | 6,26 | 7,01 | 8,23 | 9,39 | 10,86 | 17,34 | 25,99 | 28,87 | 31,53 | 34,81 | 37,16 |
| **19** | 6,84 | 7,63 | 8,91 | 10,12 | 11,65 | 18,34 | 27,20 | 30,14 | 32,85 | 36,19 | 38,58 |
| **20** | 7,43 | 8,26 | 9,59 | 10,85 | 12,44 | 19,34 | 28,41 | 31,41 | 34,17 | 37,57 | 40,00 |
| **21** | 8,03 | 8,90 | 10,28 | 11,59 | 13,24 | 20,34 | 29,62 | 32,67 | 35,48 | 38,93 | 41,40 |
| **22** | 8,64 | 9,54 | 10,98 | 12,34 | 14,04 | 21,34 | 30,81 | 33,92 | 36,78 | 40,29 | 42,80 |
| **23** | 9,26 | 10,20 | 11,69 | 13,09 | 14,85 | 22,34 | 32,01 | 35,17 | 38,08 | 41,64 | 44,18 |
| **24** | 9,89 | 10,86 | 12,40 | 13,85 | 15,66 | 23,34 | 33,20 | 36,42 | 39,36 | 42,98 | 45,56 |
| **25** | 10,52 | 11,52 | 13,12 | 14,61 | 16,47 | 24,34 | 34,38 | 37,65 | 40,65 | 44,31 | 46,93 |
| **26** | 11,16 | 12,20 | 13,84 | 15,38 | 17,29 | 25,34 | 35,56 | 38,89 | 41,92 | 45,64 | 48,29 |
| **27** | 11,81 | 12,83 | 14,57 | 16,15 | 18,11 | 26,34 | 36,74 | 40,11 | 43,19 | 46,96 | 49,64 |
| **28** | 12,46 | 13,56 | 15,31 | 16,93 | 18,94 | 27,34 | 37,92 | 41,34 | 44,46 | 48,28 | 50,99 |
| **29** | 13,12 | 14,26 | 16,05 | 17,71 | 19,77 | 28,34 | 39,09 | 42,56 | 45,72 | 49,59 | 52,34 |
| **30** | 13,79 | 14,95 | 16,79 | 18,49 | 20,60 | 29,34 | 40,26 | 43,77 | 46,98 | 50,89 | 53,67 |
| **40** | 20,71 | 22,16 | 24,43 | 26,51 | 29,05 | 39,34 | 51,81 | 55,76 | 59,34 | 63,69 | 66,77 |
| **50** | 27,99 | 29,71 | 32,36 | 34,76 | 37,69 | 49,33 | 63,17 | 67,50 | 71,42 | 76,15 | 79,49 |
| **60** | 35,53 | 37,43 | 40,48 | 43,19 | 46,46 | 59,33 | 74,40 | 79,08 | 83,3 | 88,38 | 91,95 |
| **70** | 43,28 | 45,44 | 48,76 | 51,74 | 55,33 | 69,33 | 85,53 | 90,53 | 95,02 | 100,4 | 104,2 |
| **80** | 51,17 | 53,54 | 51,17 | 60,39 | 64,28 | 79,33 | 98,58 | 101,9 | 106,6 | 112,3 | 116,3 |
| **90** | 59,20 | 61,75 | 65,65 | 69,13 | 73,29 | 89,33 | 107,6 | 113,1 | 118,1 | 124,4 | 128,3 |
| **100** | 67,33 | 70,06 | 74,22 | 77,93 | 82,36 | 99,33 | 118,5 | 124,3 | 129,6 | 135,8 | 140,2 |

# TABLA N° 6: Valores críticos para la prueba de Wilcoxon

| n \ α | 0.10 | 0.05 | 0.02 | 0.01 |
|---|---|---|---|---|
| **4** | - | - | - | - |
| **5** | 0 | - | - | - |
| **6** | 2 | 0 | - | - |
| **7** | 3 | 2 | 0 | - |
| **8** | 5 | 3 | 1 | 0 |
| **9** | 8 | 5 | 3 | 1 |
| **10** | 10 | 8 | 5 | 3 |
| **11** | 13 | 10 | 7 | 5 |
| **12** | 17 | 13 | 19 | 7 |
| **13** | 21 | 17 | 12 | 19 |
| **14** | 25 | 21 | 15 | 12 |
| **15** | 30 | 25 | 19 | 15 |
| **16** | 35 | 29 | 23 | 19 |
| **17** | 41 | 34 | 27 | 23 |
| **18** | 47 | 40 | 32 | 27 |
| **19** | 53 | 46 | 37 | 32 |
| **20** | 60 | 52 | 43 | 37 |
| **21** | 67 | 58 | 49 | 42 |
| **22** | 75 | 65 | 55 | 48 |
| **23** | 83 | 73 | 62 | 54 |
| **24** | 91 | 81 | 69 | 61 |
| **25** | 100 | 89 | 76 | 68 |
| **26** | 110 | 98 | 84 | 75 |
| **27** | 119 | 107 | 92 | 83 |
| **28** | 130 | 116 | 101 | 91 |
| **29** | 140 | 126 | 110 | 100 |
| **30** | 151 | 137 | 120 | 109 |
| **31** | 163 | 147 | 130 | 118 |
| **32** | 175 | 159 | 140 | 128 |
| **33** | 187 | 170 | 151 | 138 |
| **34** | 200 | 182 | 162 | 148 |
| **35** | 213 | 195 | 173 | 159 |
| **36** | 227 | 208 | 185 | 171 |
| **37** | 241 | 221 | 198 | 182 |
| **38** | 256 | 235 | 211 | 194 |
| **39** | 271 | 249 | 224 | 207 |
| **40** | 286 | 264 | 238 | 220 |
| **41** | 302 | 279 | 252 | 233 |
| **42** | 319 | 294 | 266 | 247 |
| **43** | 336 | 310 | 281 | 261 |
| **44** | 353 | 327 | 296 | 276 |
| **45** | 371 | 343 | 312 | 291 |
| **46** | 389 | 361 | 328 | 307 |
| **47** | 407 | 378 | 345 | 322 |
| **48** | 426 | 396 | 362 | 339 |
| **49** | 446 | 415 | 379 | 355 |
| **50** | 466 | 434 | 397 | 373 |

## TABLA N° 7: Valores para la prueba de Kolmogorov-Smirnov ($D_n$)

| n \ α | 0,2 | 0,1 | 0,05 | 0,02 | 0 ,01 |
|---|---|---|---|---|---|
| 1 | 0,9 | 0,95 | 0,975 | 0,99 | 0,995 |
| 2 | 0,684 | 0,776 | 0,842 | 0,900 | 0,929 |
| 3 | 0,565 | 0,636 | 0,780 | 0,785 | 0,829 |
| 4 | 0,493 | 0,565 | 0,624 | 0,689 | 0,734 |
| 5 | 0,447 | 0,509 | 0,563 | 0,627 | 0,669 |
| 6 | 0,410 | 0,468 | 0,519 | 0,577 | 0,617 |
| 7 | 0,381 | 0,436 | 0,483 | 0,538 | 0,576 |
| 8 | 0,358 | 0,410 | 0,454 | 0,507 | 0,542 |
| 9 | 0,339 | 0,387 | 0,43 | 0,48 | 0,513 |
| 10 | 0,323 | 0,369 | 0,409 | 0,457 | 0,489 |
| 11 | 0,308 | 0,352 | 0,391 | 0,437 | 0,468 |
| 12 | 0,296 | 0,338 | 0,375 | 0,419 | 0,449 |
| 13 | 0,285 | 0,325 | 0,361 | 0,404 | 0,432 |
| 14 | 0,275 | 0,314 | 0,349 | 0,390 | 0,418 |
| 15 | 0,266 | 0,304 | 0,338 | 0,377 | 0,404 |
| 16 | 0,258 | 0,295 | 0,327 | 0,366 | 0,392 |
| 17 | 0,250 | 0,286 | 0,318 | 0,355 | 0,381 |
| 18 | 0,244 | 0,279 | 0,309 | 0,346 | 0,371 |
| 19 | 0,237 | 0,271 | 0,301 | 0,337 | 0,361 |
| 20 | 0,232 | 0,265 | 0,294 | 0,329 | 0,352 |
| 21 | 0,226 | 0,259 | 0,287 | 0,321 | 0,344 |
| 22 | 0,221 | 0,253 | 0,281 | 0,314 | 0,337 |
| 23 | 0,216 | 0,247 | 0,275 | 0,307 | 0,33 |
| 24 | 0,212 | 0,242 | 0,269 | 0,301 | 0,323 |
| 25 | 0,208 | 0,238 | 0,264 | 0,295 | 0,317 |
| 26 | 0,204 | 0,233 | 0,259 | 0,290 | 0,311 |
| 27 | 0,200 | 0,229 | 0,254 | 0,284 | 0,305 |
| 28 | 0,197 | 0,225 | 0,25 | 0,279 | 0,300 |
| 29 | 0,193 | 0,221 | 0,246 | 0,275 | 0,295 |
| 30 | 0,190 | 0,218 | 0,242 | 0,270 | 0,290 |
| 31 | 0,187 | 0,214 | 0,238 | 0,266 | 0,285 |
| 32 | 0,184 | 0,211 | 0,234 | 0,262 | 0,281 |
| 33 | 0,182 | 0,208 | 0,231 | 0,258 | 0,277 |
| 34 | 0,179 | 0,205 | 0,227 | 0,254 | 0,273 |
| 35 | 0,177 | 0,202 | 0,224 | 0,251 | 0,269 |
| 36 | 0,174 | 0,199 | 0,221 | 0,247 | 0,265 |
| 37 | 0,172 | 0,196 | 0,218 | 0,244 | 0,262 |
| 38 | 0,170 | 0,194 | 0,215 | 0,241 | 0,258 |
| 39 | 0,168 | 0,191 | 0,213 | 0,238 | 0,255 |
| 40 | 0,165 | 0,189 | 0,210 | 0,235 | 0,252 |
| >40 | $\frac{1,07}{\sqrt{n}}$ | $\frac{1,22}{\sqrt{n}}$ | $\frac{1,36}{\sqrt{n}}$ | $\frac{1,52}{\sqrt{n}}$ | $\frac{1,63}{\sqrt{n}}$ |