

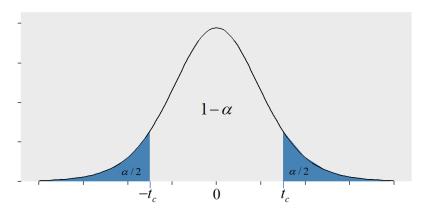
Universidade Federal de Santa Catarina Centro de Ciências Agrárias Graduação em Agronomia Departamento de Fitotecnia



UFSC FIT5306 - Bioestatística e Experimentação Agrícola

Tabela da Distribuição t (bicaudal)

Valores críticos de t tais que a probabilidade da variável aleatória t estar entre $-t_c$ e t_c vale $1-\alpha$.



| GL | Valores de $lpha$ | | | | | | | | |
|----|-------------------|--------|--------|---------|---------|---------|----------|--|--|
| | 0,3 | 0,2 | 0,1 | 0,05 | 0,02 | 0,01 | 0,001 | | |
| 1 | 1,9626 | 3,0777 | 6,3138 | 12,7062 | 31,8205 | 63,6567 | 636,6192 | | |
| 2 | 1,3862 | 1,8856 | 2,9200 | 4,3027 | 6,9646 | 9,9248 | 31,5991 | | |
| 3 | 1,2498 | 1,6377 | 2,3534 | 3,1824 | 4,5407 | 5,8409 | 12,9240 | | |
| 4 | 1,1896 | 1,5332 | 2,1318 | 2,7764 | 3,7469 | 4,6041 | 8,6103 | | |
| 5 | 1,1558 | 1,4759 | 2,0150 | 2,5706 | 3,3649 | 4,0321 | 6,8688 | | |
| 6 | 1,1342 | 1,4398 | 1,9432 | 2,4469 | 3,1427 | 3,7074 | 5,9588 | | |
| 7 | 1,1192 | 1,4149 | 1,8946 | 2,3646 | 2,9980 | 3,4995 | 5,4079 | | |
| 8 | 1,1081 | 1,3968 | 1,8595 | 2,3060 | 2,8965 | 3,3554 | 5,0413 | | |
| 9 | 1,0997 | 1,3830 | 1,8331 | 2,2622 | 2,8214 | 3,2498 | 4,7809 | | |
| 10 | 1,0931 | 1,3722 | 1,8125 | 2,2281 | 2,7638 | 3,1693 | 4,5869 | | |
| 11 | 1,0877 | 1,3634 | 1,7959 | 2,2010 | 2,7181 | 3,1058 | 4,4370 | | |
| 12 | 1,0832 | 1,3562 | 1,7823 | 2,1788 | 2,6810 | 3,0545 | 4,3178 | | |
| 13 | 1,0795 | 1,3502 | 1,7709 | 2,1604 | 2,6503 | 3,0123 | 4,2208 | | |
| 14 | 1,0763 | 1,3450 | 1,7613 | 2,1448 | 2,6245 | 2,9768 | 4,1405 | | |
| 15 | 1,0735 | 1,3406 | 1,7531 | 2,1314 | 2,6025 | 2,9467 | 4,0728 | | |
| 16 | 1,0711 | 1,3368 | 1,7459 | 2,1199 | 2,5835 | 2,9208 | 4,0150 | | |
| 17 | 1,0690 | 1,3334 | 1,7396 | 2,1098 | 2,5669 | 2,8982 | 3,9651 | | |
| 18 | 1,0672 | 1,3304 | 1,7341 | 2,1009 | 2,5524 | 2,8784 | 3,9216 | | |
| 19 | 1,0655 | 1,3277 | 1,7291 | 2,0930 | 2,5395 | 2,8609 | 3,8834 | | |
| 20 | 1,0640 | 1,3253 | 1,7247 | 2,0860 | 2,5280 | 2,8453 | 3,8495 | | |
| 21 | 1,0627 | 1,3232 | 1,7207 | 2,0796 | 2,5176 | 2,8314 | 3,8193 | | |
| 22 | 1,0614 | 1,3212 | 1,7171 | 2,0739 | 2,5083 | 2,8188 | 3,7921 | | |
| 23 | 1,0603 | 1,3195 | 1,7139 | 2,0687 | 2,4999 | 2,8073 | 3,7676 | | |
| 24 | 1,0593 | 1,3178 | 1,7109 | 2,0639 | 2,4922 | 2,7969 | 3,7454 | | |
| 25 | 1,0584 | 1,3163 | 1,7081 | 2,0595 | 2,4851 | 2,7874 | 3,7251 | | |
| 26 | 1,0575 | 1,3150 | 1,7056 | 2,0555 | 2,4786 | 2,7787 | 3,7066 | | |
| 27 | 1,0567 | 1,3137 | 1,7033 | 2,0518 | 2,4727 | 2,7707 | 3,6896 | | |



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| GL | Valores de $lpha$ | | | | | | | | | |
|----------|-------------------|--------|--------|--------|--------|--------|--------|--|--|--|
| | 0,3 | 0,2 | 0,1 | 0,05 | 0,02 | 0,01 | 0,001 | | | |
| 28 | 1,0560 | 1,3125 | 1,7011 | 2,0484 | 2,4671 | 2,7633 | 3,6739 | | | |
| 29 | 1,0553 | 1,3114 | 1,6991 | 2,0452 | 2,4620 | 2,7564 | 3,6594 | | | |
| 30 | 1,0547 | 1,3104 | 1,6973 | 2,0423 | 2,4573 | 2,7500 | 3,6460 | | | |
| 31 | 1,0541 | 1,3095 | 1,6955 | 2,0395 | 2,4528 | 2,7440 | 3,6335 | | | |
| 32 | 1,0535 | 1,3086 | 1,6939 | 2,0369 | 2,4487 | 2,7385 | 3,6218 | | | |
| 33 | 1,0530 | 1,3077 | 1,6924 | 2,0345 | 2,4448 | 2,7333 | 3,6109 | | | |
| 34 | 1,0525 | 1,3070 | 1,6909 | 2,0322 | 2,4411 | 2,7284 | 3,6007 | | | |
| 35 | 1,0520 | 1,3062 | 1,6896 | 2,0301 | 2,4377 | 2,7238 | 3,5911 | | | |
| 36 | 1,0516 | 1,3055 | 1,6883 | 2,0281 | 2,4345 | 2,7195 | 3,5821 | | | |
| 37 | 1,0512 | 1,3049 | 1,6871 | 2,0262 | 2,4314 | 2,7154 | 3,5737 | | | |
| 38 | 1,0508 | 1,3042 | 1,6860 | 2,0244 | 2,4286 | 2,7116 | 3,5657 | | | |
| 39 | 1,0504 | 1,3036 | 1,6849 | 2,0227 | 2,4258 | 2,7079 | 3,5581 | | | |
| 40 | 1,0500 | 1,3031 | 1,6839 | 2,0211 | 2,4233 | 2,7045 | 3,5510 | | | |
| 45 | 1,0485 | 1,3006 | 1,6794 | 2,0141 | 2,4121 | 2,6896 | 3,5203 | | | |
| 50 | 1,0473 | 1,2987 | 1,6759 | 2,0086 | 2,4033 | 2,6778 | 3,4960 | | | |
| 55 | 1,0463 | 1,2971 | 1,6730 | 2,0040 | 2,3961 | 2,6682 | 3,4764 | | | |
| 60 | 1,0455 | 1,2958 | 1,6706 | 2,0003 | 2,3901 | 2,6603 | 3,4602 | | | |
| 65 | 1,0448 | 1,2947 | 1,6686 | 1,9971 | 2,3851 | 2,6536 | 3,4466 | | | |
| 70 | 1,0442 | 1,2938 | 1,6669 | 1,9944 | 2,3808 | 2,6479 | 3,4350 | | | |
| 75 | 1,0436 | 1,2929 | 1,6654 | 1,9921 | 2,3771 | 2,6430 | 3,4250 | | | |
| 80 | 1,0432 | 1,2922 | 1,6641 | 1,9901 | 2,3739 | 2,6387 | 3,4163 | | | |
| 85 | 1,0428 | 1,2916 | 1,6630 | 1,9883 | 2,3710 | 2,6349 | 3,4087 | | | |
| 90 | 1,0424 | 1,2910 | 1,6620 | 1,9867 | 2,3685 | 2,6316 | 3,4019 | | | |
| 95 | 1,0421 | 1,2905 | 1,6611 | 1,9853 | 2,3662 | 2,6286 | 3,3959 | | | |
| 100 | 1,0418 | 1,2901 | 1,6602 | 1,9840 | 2,3642 | 2,6259 | 3,3905 | | | |
| 110 | 1,0413 | 1,2893 | 1,6588 | 1,9818 | 2,3607 | 2,6213 | 3,3812 | | | |
| 120 | 1,0409 | 1,2886 | 1,6577 | 1,9799 | 2,3578 | 2,6174 | 3,3735 | | | |
| 130 | 1,0406 | 1,288 | 1,6567 | 1,9784 | 2,3554 | 2,6142 | 3,3669 | | | |
| 140 | 1,0403 | 1,288 | 1,6558 | 1,9771 | 2,3533 | 2,6114 | 3,3614 | | | |
| 150 | 1,0400 | 1,287 | 1,6551 | 1,9759 | 2,3515 | 2,6090 | 3,3566 | | | |
| 160 | 1,0398 | 1,287 | 1,6544 | 1,9749 | 2,3499 | 2,6069 | 3,3524 | | | |
| 170 | 1,0396 | 1,287 | 1,6539 | 1,9740 | 2,3485 | 2,6051 | 3,3487 | | | |
| 180 | 1,0394 | 1,286 | 1,6534 | 1,9732 | 2,3472 | 2,6034 | 3,3454 | | | |
| 190 | 1,0393 | 1,286 | 1,6529 | 1,9725 | 2,3461 | 2,6020 | 3,3425 | | | |
| 200 | 1,0391 | 1,286 | 1,6525 | 1,9719 | 2,3451 | 2,6006 | 3,3398 | | | |
| 210 | 1,0390 | 1,286 | 1,6521 | 1,9713 | 2,3442 | 2,5994 | 3,3375 | | | |
| 220 | 1,0389 | 1,285 | 1,6518 | 1,9708 | 2,3434 | 2,5984 | 3,3353 | | | |
| 230 | 1,0388 | 1,285 | 1,6515 | 1,9703 | 2,3427 | 2,5974 | 3,3333 | | | |
| 240 | 1,0387 | 1,285 | 1,6512 | 1,9699 | 2,3420 | 2,5965 | 3,3315 | | | |
| 250 | 1,0386 | 1,285 | 1,6510 | 1,9695 | 2,3414 | 2,5956 | 3,3299 | | | |
| ∞ | 1,0364 | 1,2815 | 1,6448 | 1,9599 | 2,3263 | 2,5758 | 3,2905 | | | |