# ANEXO I:

## TABELAS

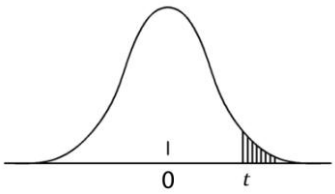
**Tabela A.1**- *t-distribution* [34].

| **Value of t for a confidence interval of** | **95%** | **98%** | **99%** |
|---|---|---|---|
| **Critical value of \|t\| for P values of** | **0,05** | **0,02** | **0,01** |
| **Number of degrees of fredom** | | | |
| 1 | 12,71 | 31,82 | 63,66 |
| 2 | 4,30 | 6,96 | 9,92 |
| 3 | 3,18 | 4,54 | 5,84 |
| 4 | 2,78 | 3,75 | 4,60 |
| 5 | 2,57 | 3,36 | 4,03 |
| 6 | 2,45 | 3,14 | 3,71 |
| 7 | 2,36 | 3,00 | 3,50 |
| 8 | 2,31 | 2,90 | 3,36 |
| 9 | 2,26 | 2,82 | 3,25 |
| 10 | 2,23 | 2,76 | 3,17 |
| 12 | 2,18 | 2,68 | 3,05 |
| 14 | 2,14 | 2,62 | 2,98 |
| 16 | 2,12 | 2,58 | 2,92 |
| 18 | 2,10 | 2,55 | 2,88 |
| 20 | 2,09 | 2,53 | 2,85 |
| 30 | 2,04 | 2,46 | 2,75 |
| 50 | 2,01 | 2,40 | 2,68 |
| ∞ | 1,96 | 2,33 | 2,58 |

**Tabela A.2**- Valores para a distribuição F a um nível de significância de 99 % [27].

| f2/f1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| **1** | 4052 | 4999,5 | 5403 | 5625 | 5764 | 5859 | 5928 | 5982 | 6022 | 6056 |
| **2** | 98,50 | 99,00 | 99,17 | 99,25 | 99,30 | 99,33 | 99,36 | 99,37 | 99,39 | 99,40 |
| **3** | 34,12 | 30,82 | 29,46 | 28,71 | 28,24 | 27,91 | 27,67 | 27,49 | 27,35 | 27,23 |
| **4** | 21,20 | 18,00 | 16,69 | 15,98 | 15,52 | 15,21 | 14,98 | 14,80 | 14,66 | 14,55 |
| **5** | 16,26 | 13,27 | 12,06 | 11,39 | 10,97 | 10,67 | 10,46 | 10,29 | 10,16 | 10,05 |
| **6** | 13,75 | 10,92 | 9,78 | 9,15 | 8,75 | 8,47 | 8,26 | 8,10 | 7,98 | 7,87 |
| **7** | 12,25 | 9,55 | 8,45 | 7,85 | 7,46 | 7,19 | 6,99 | 6,84 | 6,72 | 6,62 |
| **8** | 11,26 | 8,65 | 7,59 | 7,01 | 6,63 | 6,37 | 6,18 | 6,03 | 5,91 | 5,81 |
| **9** | 10,56 | 8,02 | 6,99 | 6,42 | 6,06 | 5,80 | 5,61 | 5,47 | 5,35 | 5,26 |
| **10** | 10,04 | 7,56 | 6,55 | 5,99 | 5,64 | 5,39 | 5,20 | 5,06 | 4,94 | 4,85 |
| **11** | 9,65 | 7,21 | 6,22 | 5,67 | 5,32 | 5,07 | 4,89 | 4,74 | 4,63 | 4,54 |
| **12** | 9,33 | 6,93 | 5,95 | 5,41 | 5,06 | 4,82 | 4,64 | 4,50 | 4,39 | 4,30 |
| **13** | 9,07 | 6,70 | 5,74 | 5,21 | 4,86 | 4,62 | 4,44 | 4,30 | 4,19 | 4,10 |
| **14** | 8,86 | 6,51 | 5,56 | 5,04 | 4,69 | 4,46 | 4,28 | 4,14 | 4,03 | 3,94 |
| **15** | 8,68 | 6,36 | 5,42 | 4,89 | 4,56 | 4,32 | 4,14 | 4,00 | 3,89 | 3,80 |

**Tabela A.3**- Distribuição de *t- Student* [34].




The first columm lists the number of degrees of freedom (v). The headings of the other columns give probabilities (P) for *t* to exceed the entry value. Use symmetry for negative *t* values.

| P | 0,10 | 0,05 | 0,025 | 0,01 | 0,005 |
|---|---|---|---|---|---|
| **v** | | | | | |
| **1** | 3,078 | 6,314 | 12,706 | 31,821 | 63,657 |
| **2** | 1,886 | 2,920 | 4,303 | 6,965 | 9,925 |
| **3** | 1,638 | 2,353 | 3,182 | 4,541 | 5,841 |
| **4** | 1,533 | 2,132 | 2,776 | 3,747 | 4,604 |
| **5** | 1,476 | 2,015 | 2,571 | 3,365 | 4,032 |
| **6** | 1,440 | 1,943 | 2,447 | 3,143 | 3,707 |
| **7** | 1,415 | 1,895 | 2,365 | 2,998 | 3,499 |
| **8** | 1,397 | 1,860 | 2,306 | 2,896 | 3,355 |
| **9** | 1,383 | 1,833 | 2,262 | 2,821 | 3,250 |
| **10** | 1,372 | 1,812 | 2,228 | 2,764 | 3,169 |
| **11** | 1,363 | 1,796 | 2,201 | 2,718 | 3,106 |
| **12** | 1,356 | 1,782 | 2,179 | 2,681 | 3,055 |
| **13** | 1,350 | 1,771 | 2,160 | 2,650 | 3,012 |
| **14** | 1,345 | 1,761 | 2,145 | 2,624 | 2,977 |
| **15** | 1,341 | 1,753 | 2,131 | 2,602 | 2,947 |
| **16** | 1,337 | 1,746 | 2,120 | 2,583 | 2,921 |
| **17** | 1,333 | 1,740 | 2,110 | 2,567 | 2,898 |
| **18** | 1,330 | 1,734 | 2,101 | 2,552 | 2,878 |
| **19** | 1,328 | 1,729 | 2,093 | 2,539 | 2,861 |
| **20** | 1,325 | 1,725 | 2,086 | 2,528 | 2,845 |
| **21** | 1,323 | 1,721 | 2,080 | 2,518 | 2,831 |
| **22** | 1,321 | 1,717 | 2,074 | 2,508 | 2,819 |
| **23** | 1,319 | 1,714 | 2,069 | 2,500 | 2,807 |
| **24** | 1,318 | 1,711 | 2,064 | 2,492 | 2,797 |
| **25** | 1,316 | 1,708 | 2,060 | 2,485 | 2,787 |
| **26** | 1,315 | 1,706 | 2,056 | 2,479 | 2,779 |
| **27** | 1,314 | 1,703 | 2,052 | 2,473 | 2,771 |
| **28** | 1,313 | 1,701 | 2,048 | 2,467 | 2,763 |
| **29** | 1,311 | 1,699 | 2,045 | 2,462 | 2,756 |
| **30** | 1,310 | 1,697 | 2,042 | 2,457 | 2,750 |
| **40** | 1,303 | 1,684 | 2,021 | 2,423 | 2,704 |
| **60** | 1,296 | 1,671 | 2,000 | 2,390 | 2,660 |
| **120** | 1,289 | 1,658 | 1,980 | 2,258 | 2,617 |
| **∞** | 1,282 | 1,645 | 1,960 | 2,326 | 2,576 |