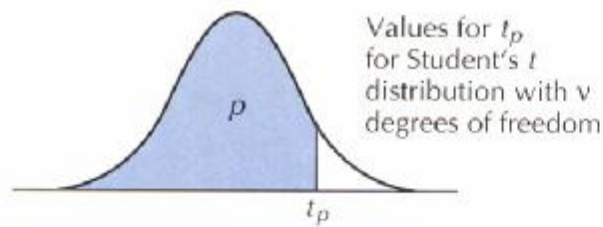


# LOI de STUDENT



**TABLE A.3** Values of  $t$  for Various Probability Levels,  $p$

| $\nu$    | $t_{.60}$ | $t_{.75}$ | $t_{.85}$ | $t_{.90}$ | $t_{.95}$ | $t_{.975}$ | $t_{.99}$ | $t_{.995}$ | $t_{.9975}$ | $t_{.999}$ | $t_{.9995}$ |
|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|-------------|------------|-------------|
| 1        | 0.325     | 1.000     | 1.963     | 3.078     | 6.314     | 12.71      | 31.82     | 63.66      | 127.3       | 318.3      | 636.6       |
| 2        | 0.289     | 0.816     | 1.386     | 1.886     | 2.920     | 4.303      | 6.965     | 9.925      | 14.09       | 22.33      | 31.60       |
| 3        | 0.277     | 0.765     | 1.250     | 1.638     | 2.353     | 3.182      | 4.541     | 5.841      | 7.453       | 10.21      | 12.92       |
| 4        | 0.271     | 0.741     | 1.190     | 1.533     | 2.132     | 2.776      | 3.747     | 4.604      | 5.598       | 7.173      | 8.610       |
| 5        | 0.267     | 0.727     | 1.156     | 1.476     | 2.015     | 2.571      | 3.365     | 4.032      | 4.773       | 5.893      | 6.869       |
| 6        | 0.265     | 0.718     | 1.134     | 1.440     | 1.943     | 2.447      | 3.143     | 3.707      | 4.317       | 5.208      | 5.959       |
| 7        | 0.263     | 0.711     | 1.119     | 1.415     | 1.895     | 2.365      | 2.998     | 3.499      | 4.029       | 4.785      | 5.408       |
| 8        | 0.262     | 0.706     | 1.108     | 1.397     | 1.860     | 2.306      | 2.896     | 3.355      | 3.833       | 4.501      | 5.041       |
| 9        | 0.261     | 0.703     | 1.100     | 1.383     | 1.833     | 2.262      | 2.821     | 3.250      | 3.690       | 4.297      | 4.781       |
| 10       | 0.260     | 0.700     | 1.093     | 1.372     | 1.812     | 2.228      | 2.764     | 3.169      | 3.581       | 4.144      | 4.587       |
| 11       | 0.260     | 0.697     | 1.088     | 1.363     | 1.796     | 2.201      | 2.718     | 3.106      | 3.497       | 4.025      | 4.437       |
| 12       | 0.259     | 0.695     | 1.083     | 1.356     | 1.782     | 2.179      | 2.681     | 3.055      | 3.428       | 3.930      | 4.318       |
| 13       | 0.259     | 0.694     | 1.079     | 1.350     | 1.771     | 2.160      | 2.650     | 3.012      | 3.372       | 3.852      | 4.221       |
| 14       | 0.258     | 0.692     | 1.076     | 1.345     | 1.761     | 2.145      | 2.624     | 2.977      | 3.326       | 3.787      | 4.140       |
| 15       | 0.258     | 0.691     | 1.074     | 1.341     | 1.753     | 2.131      | 2.602     | 2.947      | 3.286       | 3.733      | 4.073       |
| 16       | 0.258     | 0.690     | 1.071     | 1.337     | 1.746     | 2.120      | 2.583     | 2.921      | 3.252       | 3.686      | 4.015       |
| 17       | 0.257     | 0.689     | 1.069     | 1.333     | 1.740     | 2.110      | 2.567     | 2.898      | 3.222       | 3.646      | 3.965       |
| 18       | 0.257     | 0.688     | 1.067     | 1.330     | 1.734     | 2.101      | 2.552     | 2.878      | 3.197       | 3.610      | 3.922       |
| 19       | 0.257     | 0.688     | 1.066     | 1.328     | 1.729     | 2.093      | 2.539     | 2.861      | 3.174       | 3.579      | 3.883       |
| 20       | 0.257     | 0.687     | 1.064     | 1.325     | 1.725     | 2.086      | 2.528     | 2.845      | 3.153       | 3.552      | 3.850       |
| 21       | 0.257     | 0.686     | 1.063     | 1.323     | 1.721     | 2.080      | 2.518     | 2.831      | 3.135       | 3.527      | 3.819       |
| 22       | 0.256     | 0.686     | 1.061     | 1.321     | 1.717     | 2.074      | 2.508     | 2.819      | 3.119       | 3.505      | 3.792       |
| 23       | 0.256     | 0.685     | 1.060     | 1.319     | 1.714     | 2.069      | 2.500     | 2.807      | 3.104       | 3.485      | 3.768       |
| 24       | 0.256     | 0.685     | 1.059     | 1.318     | 1.711     | 2.064      | 2.492     | 2.797      | 3.091       | 3.467      | 3.745       |
| 25       | 0.256     | 0.684     | 1.058     | 1.316     | 1.708     | 2.060      | 2.485     | 2.787      | 3.078       | 3.450      | 3.725       |
| 26       | 0.256     | 0.684     | 1.058     | 1.315     | 1.706     | 2.056      | 2.479     | 2.779      | 3.067       | 3.435      | 3.707       |
| 27       | 0.256     | 0.684     | 1.057     | 1.314     | 1.703     | 2.052      | 2.473     | 2.771      | 3.057       | 3.421      | 3.690       |
| 28       | 0.256     | 0.683     | 1.056     | 1.313     | 1.701     | 2.048      | 2.467     | 2.763      | 3.047       | 3.408      | 3.674       |
| 29       | 0.256     | 0.683     | 1.055     | 1.311     | 1.699     | 2.045      | 2.462     | 2.756      | 3.038       | 3.396      | 3.659       |
| 30       | 0.256     | 0.683     | 1.055     | 1.310     | 1.697     | 2.042      | 2.457     | 2.750      | 3.030       | 3.385      | 3.646       |
| 40       | 0.255     | 0.681     | 1.050     | 1.303     | 1.684     | 2.021      | 2.423     | 2.704      | 2.971       | 3.307      | 3.551       |
| 50       | 0.255     | 0.679     | 1.047     | 1.299     | 1.676     | 2.009      | 2.403     | 2.678      | 2.937       | 3.261      | 3.496       |
| 60       | 0.254     | 0.679     | 1.045     | 1.296     | 1.671     | 2.000      | 2.390     | 2.660      | 2.915       | 3.232      | 3.460       |
| 70       | 0.254     | 0.678     | 1.044     | 1.294     | 1.667     | 1.994      | 2.381     | 2.648      | 2.899       | 3.211      | 3.435       |
| 80       | 0.254     | 0.678     | 1.043     | 1.292     | 1.664     | 1.990      | 2.374     | 2.639      | 2.887       | 3.195      | 3.416       |
| 90       | 0.254     | 0.677     | 1.042     | 1.291     | 1.662     | 1.987      | 2.368     | 2.632      | 2.878       | 3.183      | 3.402       |
| 100      | 0.254     | 0.677     | 1.042     | 1.290     | 1.660     | 1.984      | 2.364     | 2.626      | 2.871       | 3.174      | 3.390       |
| 110      | 0.254     | 0.677     | 1.041     | 1.289     | 1.659     | 1.982      | 2.361     | 2.621      | 2.865       | 3.166      | 3.381       |
| 120      | 0.254     | 0.677     | 1.041     | 1.289     | 1.658     | 1.980      | 2.358     | 2.617      | 2.860       | 3.160      | 3.373       |
| $\infty$ | 0.253     | 0.674     | 1.036     | 1.282     | 1.645     | 1.960      | 2.326     | 2.576      | 2.807       | 3.090      | 3.291       |