T-Distribution Table (One Tail)

	DF	A = 0.1	0.05	0.025	0.01	0.005	0.001	0.0005
2 1.886 2.92 4.903 6.965 9.925 22.328 31.6 3 1.638 2.353 3.182 4.541 5.841 10.214 12.924 4 1.533 2.132 2.776 3.747 4.604 7.173 8.61 5 1.476 2.015 2.571 3.365 4.032 5.894 6.869 6 1.44 1.943 2.447 3.143 3.707 5.208 5.959 7 1.415 1.895 2.365 2.998 3.499 4.785 5.408 8 1.397 1.86 2.306 2.896 3.355 4.501 5.041 9 1.383 1.833 2.262 2.821 3.25 4.297 4.781 10 1.372 1.812 2.228 2.764 3.169 4.144 4.587 11 1.363 1.796 2.201 2.718 3.106 4.025 4.437 12 1.356 1.782 2.179 2.681 3.055 3.93 4.318 13<	00	ta = 1.282	1.645	1.96	2.326	2.576	3.091	3.291
3 1.638 2.353 3.182 4.541 5.841 10.214 12.924 4 1.533 2.132 2.776 3.747 4.604 7.173 8.61 5 1.476 2.015 2.571 3.365 4.032 5.894 6.869 6 1.44 1.943 2.447 3.143 3.707 5.208 5.959 7 1.415 1.895 2.365 2.998 3.499 4.785 5.408 8 1.397 1.86 2.306 2.896 3.355 4.501 5.041 9 1.383 1.833 2.262 2.821 3.25 4.297 4.781 10 1.372 1.812 2.228 2.764 3.169 4.144 4.587 11 1.363 1.796 2.201 2.718 3.106 4.025 4.437 12 1.356 1.771 2.16 2.651 3.012 3.852 4.221 14 1.344	1	3.078	6.314	12.706	31.821	63.656	318.289	636.578
4 1,533 2,132 2,776 3,747 4,604 7,173 8,61 5 1,476 2,015 2,571 3,365 4,032 5,894 6,869 6 1,44 1,943 2,447 3,143 3,707 5,208 5,959 7 1,415 1,895 2,365 2,998 3,499 4,785 5,408 8 1,397 1,86 2,306 2,896 3,355 4,501 5,041 9 1,383 1,833 2,262 2,821 3,25 4,297 4,781 10 1,372 1,812 2,228 2,764 3,169 4,144 4,587 11 1,363 1,796 2,201 2,718 3,106 4,025 4,437 12 1,336 1,762 2,179 2,681 3,055 3,93 4,318 13 1,35 1,771 2,16 2,65 3,012 3,852 4,221 14 1,344	2	1.886	2.92	4.303	6.965	9.925	22.328	31.6
5 1,476 2,015 2,571 3,365 4,032 5,894 6,869 6 1,44 1,943 2,447 3,143 3,707 5,208 5,959 7 1,415 1,895 2,365 2,998 3,499 4,785 5,408 8 1,397 1,86 2,306 2,896 3,355 4,501 5,041 9 1,383 1,833 2,262 2,821 3,25 4,297 4,781 10 1,372 1,812 2,228 2,764 3,169 4,144 4,587 11 1,363 1,796 2,201 2,718 3,106 4,025 4,437 12 1,356 1,782 2,179 2,681 3,055 3,93 4,318 13 1,35 1,771 2,16 2,65 3,012 3,852 4,221 14 1,344 1,753 2,131 2,602 2,947 3,733 4,073 15 1,341	3	1.638	2.353	3.182	4.541	5.841	10.214	12.924
6 1.44 1.943 2.447 3.143 3.707 5.208 5.959 7 1.415 1.895 2.365 2.998 3.499 4.785 5.408 8 1.397 1.86 2.306 2.896 3.355 4.501 5.041 9 1.383 1.833 2.262 2.821 3.25 4.297 4.781 10 1.372 1.812 2.228 2.764 3.169 4.144 4.587 11 1.363 1.796 2.201 2.718 3.106 4.025 4.437 12 1.356 1.782 2.179 2.681 3.055 3.93 4.318 13 1.35 1.771 2.16 2.655 3.012 3.852 4.221 14 1.345 1.761 2.145 2.624 2.977 3.733 4.073 15 1.341 1.753 2.131 2.602 2.947 3.733 4.073 16 1.337	4	1.533	2.132	2.776	3.747	4.604	7.173	8.61
7 1,415 1,895 2,365 2,998 3,499 4,785 5,408 8 1,397 1,86 2,306 2,896 3,355 4,501 5,041 9 1,383 1,833 2,262 2,821 3,25 4,297 4,781 10 1,372 1,812 2,228 2,764 3,169 4,144 4,587 11 1,363 1,796 2,201 2,718 3,106 4,025 4,437 12 1,356 1,782 2,179 2,681 3,055 3,93 4,318 13 1,35 1,771 2,16 2,655 3,012 3,852 4,221 14 1,345 1,761 2,145 2,624 2,977 3,787 4,14 15 1,341 1,753 2,131 2,602 2,947 3,733 4,073 16 1,337 1,746 2,12 2,583 2,921 3,686 4,015 17 1,333	5	1.476	2.015	2.571	3.365	4.032	5.894	6.869
8 1.397 1.86 2.306 2.896 3.355 4.501 5.041 9 1.383 1.833 2.262 2.821 3.25 4.297 4.781 10 1.372 1.812 2.228 2.764 3.169 4.144 4.587 11 1.363 1.796 2.201 2.718 3.106 4.025 4.437 12 1.356 1.782 2.179 2.681 3.055 3.93 4.318 13 1.35 1.771 2.16 2.65 3.012 3.852 4.221 14 1.345 1.761 2.145 2.624 2.977 3.787 4.14 15 1.341 1.753 2.131 2.602 2.947 3.733 4.073 16 1.337 1.746 2.12 2.583 2.921 3.686 4.015 17 1.333 1.74 2.11 2.567 2.898 3.646 3.965 18 1.32 1.729 2.093 2.539 2.861 3.579 3.883 20 </td <td>6</td> <td>1.44</td> <td>1.943</td> <td>2.447</td> <td>3.143</td> <td>3.707</td> <td>5.208</td> <td>5.959</td>	6	1.44	1.943	2.447	3.143	3.707	5.208	5.959
9 1.383 1.833 2.262 2.821 3.25 4.297 4.781 10 1.372 1.812 2.228 2.764 3.169 4.144 4.587 11 1.363 1.796 2.201 2.718 3.106 4.025 4.437 12 1.356 1.782 2.179 2.681 3.055 3.93 4.318 13 1.35 1.771 2.16 2.65 3.012 3.852 4.221 14 1.345 1.761 2.145 2.624 2.977 3.787 4.14 15 1.341 1.753 2.131 2.602 2.947 3.733 4.073 16 1.337 1.746 2.12 2.583 2.921 3.686 4.015 17 1.333 1.74 2.11 2.567 2.898 3.646 3.965 18 1.33 1.729 2.093 2.539 2.861 3.579 3.883 20 1.325	7	1.415	1.895	2.365	2.998	3.499	4.785	5.408
10 1.372 1.812 2.228 2.764 3.169 4.144 4.587 11 1.363 1.796 2.201 2.718 3.106 4.025 4.437 12 1.356 1.782 2.179 2.681 3.055 3.93 4.318 13 1.35 1.771 2.16 2.65 3.012 3.852 4.221 14 1.345 1.761 2.145 2.624 2.977 3.787 4.14 15 1.341 1.753 2.131 2.602 2.947 3.733 4.073 16 1.337 1.746 2.12 2.583 2.921 3.686 4.015 17 1.333 1.74 2.11 2.567 2.898 3.646 3.965 18 1.33 1.729 2.093 2.539 2.861 3.579 3.883 20 1.325 1.725 2.086 2.528 2.845 3.552 3.85 21 1.323	8	1.397	1.86	2.306	2.896	3.355	4.501	5.041
11 1.363 1.796 2.201 2.718 3.106 4.025 4.437 12 1.356 1.782 2.179 2.681 3.055 3.93 4.318 13 1.35 1.771 2.16 2.65 3.012 3.852 4.221 14 1.345 1.761 2.145 2.624 2.977 3.787 4.14 15 1.341 1.753 2.131 2.602 2.947 3.733 4.073 16 1.337 1.746 2.12 2.583 2.921 3.686 4.015 17 1.333 1.74 2.11 2.567 2.898 3.646 3.965 18 1.33 1.734 2.101 2.552 2.878 3.61 3.922 19 1.328 1.729 2.093 2.539 2.861 3.579 3.883 20 1.325 1.725 2.086 2.528 2.845 3.552 3.85 21 1.323 1.721 2.08 2.518 2.831 3.527 3.819 22<	9	1.383	1.833	2.262	2.821	3.25	4.297	4.781
12 1,356 1,782 2,179 2,681 3,055 3,93 4,318 13 1,35 1,771 2,16 2,65 3,012 3,852 4,221 14 1,345 1,761 2,145 2,624 2,977 3,787 4,14 15 1,341 1,753 2,131 2,602 2,947 3,733 4,073 16 1,337 1,746 2,12 2,583 2,921 3,686 4,015 17 1,333 1,74 2,11 2,567 2,898 3,646 3,965 18 1,33 1,734 2,101 2,552 2,678 3,61 3,922 19 1,328 1,729 2,093 2,539 2,861 3,579 3,883 20 1,325 1,725 2,086 2,528 2,845 3,552 3,85 21 1,323 1,711 2,074 2,508 2,819 3,505 3,792 23 1,319 1,714 2,069 2,5 2,807 3,467 3,745 25 </td <td>10</td> <td>1.372</td> <td>1.812</td> <td>2.228</td> <td>2.764</td> <td>3.169</td> <td>4.144</td> <td>4.587</td>	10	1.372	1.812	2.228	2.764	3.169	4.144	4.587
13 1.35 1.771 2.16 2.65 3.012 3.852 4.221 14 1.345 1.761 2.145 2.624 2.977 3.787 4.14 15 1.341 1.753 2.131 2.602 2.947 3.733 4.073 16 1.337 1.746 2.12 2.583 2.921 3.686 4.015 17 1.333 1.74 2.11 2.567 2.898 3.646 3.965 18 1.33 1.734 2.101 2.552 2.878 3.61 3.922 19 1.328 1.729 2.093 2.539 2.861 3.579 3.883 20 1.325 1.725 2.086 2.528 2.845 3.552 3.85 21 1.323 1.721 2.08 2.518 2.831 3.527 3.819 22 1.321 1.717 2.074 2.508 2.819 3.505 3.792 23 1.319	11	1.363	1.796	2.201	2.718	3.106	4.025	4.437
14 1.345 1.761 2.145 2.624 2.977 3.787 4.14 15 1.341 1.753 2.131 2.602 2.947 3.733 4.073 16 1.337 1.746 2.12 2.583 2.921 3.686 4.015 17 1.333 1.74 2.11 2.567 2.898 3.646 3.965 18 1.33 1.734 2.101 2.552 2.878 3.61 3.922 19 1.328 1.729 2.093 2.539 2.861 3.579 3.883 20 1.325 1.725 2.086 2.528 2.845 3.552 3.85 21 1.323 1.721 2.08 2.518 2.831 3.527 3.819 22 1.321 1.717 2.074 2.508 2.819 3.505 3.792 23 1.319 1.714 2.069 2.5 2.807 3.485 3.768 24 1.318	12	1.356	1.782	2.179	2.681	3.055	3.93	4.318
15 1.341 1.753 2.131 2.602 2.947 3.733 4.073 16 1.337 1.746 2.12 2.583 2.921 3.686 4.015 17 1.333 1.74 2.11 2.567 2.898 3.646 3.965 18 1.33 1.734 2.101 2.552 2.878 3.61 3.922 19 1.328 1.729 2.093 2.539 2.861 3.579 3.883 20 1.325 1.725 2.086 2.528 2.845 3.552 3.85 21 1.323 1.721 2.08 2.518 2.831 3.527 3.819 22 1.321 1.717 2.074 2.508 2.819 3.505 3.792 23 1.319 1.714 2.069 2.5 2.807 3.485 3.768 24 1.318 1.701 2.064 2.492 2.797 3.467 3.745 25 1.316 1.708 2.06 2.485 2.787 3.45 3.725 26	13	1.35	1.771	2.16	2.65	3.012	3.852	4.221
16 1.337 1.746 2.12 2.583 2.921 3.686 4.015 17 1.333 1.74 2.11 2.567 2.898 3.646 3.965 18 1.33 1.734 2.101 2.552 2.878 3.61 3.922 19 1.328 1.729 2.093 2.539 2.861 3.579 3.883 20 1.325 1.725 2.086 2.528 2.845 3.552 3.85 21 1.323 1.721 2.08 2.518 2.831 3.527 3.819 22 1.321 1.717 2.074 2.508 2.819 3.505 3.792 23 1.319 1.714 2.069 2.5 2.807 3.485 3.768 24 1.318 1.711 2.064 2.492 2.797 3.467 3.745 25 1.316 1.708 2.06 2.485 2.787 3.45 3.707 27 1.314 1.703 2.052 2.479 2.779 3.435 3.609 28	14	1.345	1.761	2.145	2.624	2.977	3.787	4.14
17 1.333 1.74 2.11 2.567 2.898 3.646 3.965 18 1.33 1.734 2.101 2.552 2.878 3.61 3.922 19 1.328 1.729 2.093 2.539 2.861 3.579 3.883 20 1.325 1.725 2.086 2.528 2.845 3.552 3.85 21 1.323 1.721 2.08 2.518 2.831 3.527 3.819 22 1.321 1.717 2.074 2.508 2.819 3.505 3.792 23 1.319 1.714 2.069 2.5 2.807 3.485 3.768 24 1.318 1.711 2.064 2.492 2.797 3.467 3.745 25 1.316 1.708 2.06 2.485 2.787 3.45 3.707 27 1.314 1.703 2.056 2.479 2.779 3.435 3.707 28 1.313 1.701 2.048 2.467 2.763 3.408 3.674 2	15	1.341	1.753	2.131	2.602	2.947	3.733	4.073
18 1.33 1.734 2.101 2.552 2.878 3.61 3.922 19 1.328 1.729 2.093 2.539 2.861 3.579 3.883 20 1.325 1.725 2.086 2.528 2.845 3.552 3.85 21 1.323 1.721 2.08 2.518 2.831 3.527 3.819 22 1.321 1.717 2.074 2.508 2.819 3.505 3.792 23 1.319 1.714 2.069 2.5 2.807 3.485 3.768 24 1.318 1.711 2.064 2.492 2.797 3.467 3.745 25 1.316 1.708 2.06 2.485 2.787 3.45 3.725 26 1.315 1.706 2.056 2.479 2.779 3.435 3.707 27 1.314 1.703 2.052 2.473 2.771 3.421 3.689 28 1.313 1.701 2.048 2.467 2.756 3.396 3.66	16	1.337	1.746	2.12	2.583	2.921	3.686	4.015
19 1.328 1.729 2.093 2.539 2.861 3.579 3.883 20 1.325 1.725 2.086 2.528 2.845 3.552 3.85 21 1.323 1.721 2.08 2.518 2.831 3.527 3.819 22 1.321 1.717 2.074 2.508 2.819 3.505 3.792 23 1.319 1.714 2.069 2.5 2.807 3.485 3.768 24 1.318 1.711 2.064 2.492 2.797 3.467 3.745 25 1.316 1.708 2.06 2.485 2.787 3.45 3.725 26 1.315 1.706 2.056 2.479 2.779 3.435 3.707 27 1.314 1.703 2.052 2.473 2.771 3.421 3.689 28 1.313 1.701 2.048 2.467 2.763 3.408 3.674 29 1.311 1.699 2.045 2.462 2.756 3.385 3.646 <	17	1.333	1.74	2.11	2.567	2.898	3.646	3.965
20 1.325 1.725 2.086 2.528 2.845 3.552 3.85 21 1.323 1.721 2.08 2.518 2.831 3.527 3.819 22 1.321 1.717 2.074 2.508 2.819 3.505 3.792 23 1.319 1.714 2.069 2.5 2.807 3.485 3.768 24 1.318 1.711 2.064 2.492 2.797 3.467 3.745 25 1.316 1.708 2.06 2.485 2.787 3.45 3.725 26 1.315 1.706 2.056 2.479 2.779 3.435 3.707 27 1.314 1.703 2.052 2.473 2.771 3.421 3.689 28 1.313 1.701 2.048 2.467 2.763 3.408 3.674 29 1.311 1.699 2.045 2.462 2.756 3.385 3.646 30 1.31 1.697 2.042 2.457 2.75 3.385 3.646 <td< td=""><td>18</td><td>1.33</td><td>1.734</td><td>2.101</td><td>2.552</td><td>2.878</td><td>3.61</td><td>3.922</td></td<>	18	1.33	1.734	2.101	2.552	2.878	3.61	3.922
21 1.323 1.721 2.08 2.518 2.831 3.527 3.819 22 1.321 1.717 2.074 2.508 2.819 3.505 3.792 23 1.319 1.714 2.069 2.5 2.807 3.485 3.768 24 1.318 1.711 2.064 2.492 2.797 3.467 3.745 25 1.316 1.708 2.06 2.485 2.787 3.45 3.725 26 1.315 1.706 2.056 2.479 2.779 3.435 3.707 27 1.314 1.703 2.052 2.473 2.771 3.421 3.689 28 1.313 1.701 2.048 2.467 2.763 3.408 3.674 29 1.311 1.699 2.045 2.462 2.756 3.396 3.66 30 1.31 1.697 2.042 2.457 2.75 3.385 3.646 60 1.296 1.671 2 2.39 2.66 3.232 3.46 120 <td>19</td> <td>1.328</td> <td>1.729</td> <td>2.093</td> <td>2.539</td> <td>2.861</td> <td>3.579</td> <td>3.883</td>	19	1.328	1.729	2.093	2.539	2.861	3.579	3.883
22 1.321 1.717 2.074 2.508 2.819 3.505 3.792 23 1.319 1.714 2.069 2.5 2.807 3.485 3.768 24 1.318 1.711 2.064 2.492 2.797 3.467 3.745 25 1.316 1.708 2.06 2.485 2.787 3.45 3.725 26 1.315 1.706 2.056 2.479 2.779 3.435 3.707 27 1.314 1.703 2.052 2.473 2.771 3.421 3.689 28 1.313 1.701 2.048 2.467 2.763 3.408 3.674 29 1.311 1.699 2.045 2.462 2.756 3.396 3.66 30 1.31 1.697 2.042 2.457 2.75 3.385 3.646 60 1.296 1.671 2 2.39 2.66 3.232 3.46 120 1.289 1.658 1.98 2.358 2.617 3.16 3.373	20	1.325	1.725	2.086	2.528	2.845	3.552	3.85
23 1.319 1.714 2.069 2.5 2.807 3.485 3.768 24 1.318 1.711 2.064 2.492 2.797 3.467 3.745 25 1.316 1.708 2.06 2.485 2.787 3.45 3.725 26 1.315 1.706 2.056 2.479 2.779 3.435 3.707 27 1.314 1.703 2.052 2.473 2.771 3.421 3.689 28 1.313 1.701 2.048 2.467 2.763 3.408 3.674 29 1.311 1.699 2.045 2.462 2.756 3.396 3.66 30 1.31 1.697 2.042 2.457 2.75 3.385 3.646 60 1.296 1.671 2 2.39 2.66 3.232 3.46 120 1.289 1.658 1.98 2.358 2.617 3.16 3.373	21	1.323	1.721	2.08	2.518	2.831	3.527	3.819
24 1.318 1.711 2.064 2.492 2.797 3.467 3.745 25 1.316 1.708 2.06 2.485 2.787 3.45 3.725 26 1.315 1.706 2.056 2.479 2.779 3.435 3.707 27 1.314 1.703 2.052 2.473 2.771 3.421 3.689 28 1.313 1.701 2.048 2.467 2.763 3.408 3.674 29 1.311 1.699 2.045 2.462 2.756 3.396 3.66 30 1.31 1.697 2.042 2.457 2.75 3.385 3.646 60 1.296 1.671 2 2.39 2.66 3.232 3.46 120 1.289 1.658 1.98 2.358 2.617 3.16 3.373	22	1.321	1.717	2.074	2.508	2.819	3.505	3.792
25 1.316 1.708 2.06 2.485 2.787 3.45 3.725 26 1.315 1.706 2.056 2.479 2.779 3.435 3.707 27 1.314 1.703 2.052 2.473 2.771 3.421 3.689 28 1.313 1.701 2.048 2.467 2.763 3.408 3.674 29 1.311 1.699 2.045 2.462 2.756 3.396 3.66 30 1.31 1.697 2.042 2.457 2.75 3.385 3.646 60 1.296 1.671 2 2.39 2.66 3.232 3.46 120 1.289 1.658 1.98 2.358 2.617 3.16 3.373	23	1.319	1.714	2.069	2.5	2.807	3.485	3.768
26 1.315 1.706 2.056 2.479 2.779 3.435 3.707 27 1.314 1.703 2.052 2.473 2.771 3.421 3.689 28 1.313 1.701 2.048 2.467 2.763 3.408 3.674 29 1.311 1.699 2.045 2.462 2.756 3.396 3.66 30 1.31 1.697 2.042 2.457 2.75 3.385 3.646 60 1.296 1.671 2 2.39 2.66 3.232 3.46 120 1.289 1.658 1.98 2.358 2.617 3.16 3.373	24	1.318	1.711	2.064	2.492	2.797	3.467	3.745
27 1.314 1.703 2.052 2.473 2.771 3.421 3.689 28 1.313 1.701 2.048 2.467 2.763 3.408 3.674 29 1.311 1.699 2.045 2.462 2.756 3.396 3.66 30 1.31 1.697 2.042 2.457 2.75 3.385 3.646 60 1.296 1.671 2 2.39 2.66 3.232 3.46 120 1.289 1.658 1.98 2.358 2.617 3.16 3.373	25	1.316	1.708	2.06	2.485	2.787	3.45	3.725
28 1.313 1.701 2.048 2.467 2.763 3.408 3.674 29 1.311 1.699 2.045 2.462 2.756 3.396 3.66 30 1.31 1.697 2.042 2.457 2.75 3.385 3.646 60 1.296 1.671 2 2.39 2.66 3.232 3.46 120 1.289 1.658 1.98 2.358 2.617 3.16 3.373	26	1.315	1.706	2.056	2.479	2.779	3.435	3.707
29 1.311 1.699 2.045 2.462 2.756 3.396 3.66 30 1.31 1.697 2.042 2.457 2.75 3.385 3.646 60 1.296 1.671 2 2.39 2.66 3.232 3.46 120 1.289 1.658 1.98 2.358 2.617 3.16 3.373	27	1.314	1.703	2.052	2.473	2.771	3.421	3.689
30 1.31 1.697 2.042 2.457 2.75 3.385 3.646 60 1.296 1.671 2 2.39 2.66 3.232 3.46 120 1.289 1.658 1.98 2.358 2.617 3.16 3.373	28	1.313	1.701	2.048	2.467	2.763	3.408	3.674
60 1.296 1.671 2 2.39 2.66 3.232 3.46 120 1.289 1.658 1.98 2.358 2.617 3.16 3.373	29	1.311	1.699	2.045	2.462	2.756	3.396	3.66
120 1.289 1.658 1.98 2.358 2.617 3.16 3.373	30	1.31	1.697	2.042	2.457	2.75	3.385	3.646
	60	1.296	1.671	2	2.39	2.66	3.232	3.46
1000 1.282 1.646 1.962 2.33 2.581 3.098 3.3	120	1.289	1.658	1.98	2.358	2.617	3.16	3.373
	1000	1.282	1.646	1.962	2.33	2.581	3.098	3.3

Two Tails T Distribution Table

DF	A = 0.2	0.1	0.05	0.02	0.01	0.002	0.001
00	ta = 1.282	1.645	1.96	2.326	2.576	3.091	3.291
1	3.078	6.314	12.706	31.821	63.656	318.289	636.578
2	1.886	2.92	4.303	6.965	9.925	22.328	31.6
3	1.638	2.353	3.182	4.541	5.841	10.214	12.924
4	1.533	2.132	2.776	3.747	4.604	7.173	8.61
5	1.476	2.015	2.571	3.365	4.032	5.894	6.869
6	1.44	1.943	2.447	3.143	3.707	5.208	5.959
7	1.415	1.895	2.365	2.998	3.499	4.785	5.408
8	1.397	1.86	2.306	2.896	3.355	4.501	5.041
9	1.383	1.833	2.262	2.821	3.25	4.297	4.781
10	1.372	1.812	2.228	2.764	3.169	4.144	4.587
11	1.363	1.796	2.201	2.718	3.106	4.025	4.437
12	1.356	1.782	2.179	2.681	3.055	3.93	4.318
13	1.35	1.771	2.16	2.65	3.012	3.852	4.221
14	1.345	1.761	2.145	2.624	2.977	3.787	4.14
15	1.341	1.753	2.131	2.602	2.947	3.733	4.073
16	1.337	1.746	2.12	2.583	2.921	3.686	4.015
17	1.333	1.74	2.11	2.567	2.898	3.646	3.965
18	1.33	1.734	2.101	2.552	2.878	3.61	3.922
19	1.328	1.729	2.093	2.539	2.861	3.579	3.883
20	1.325	1.725	2.086	2.528	2.845	3.552	3.85
21	1.323	1.721	2.08	2.518	2.831	3.527	3.819
22	1.321	1.717	2.074	2.508	2.819	3.505	3.792
23	1.319	1.714	2.069	2.5	2.807	3.485	3.768
24	1.318	1.711	2.064	2.492	2.797	3.467	3.745
25	1.316	1.708	2.06	2.485	2.787	3.45	3.725
26	1.315	1.706	2.056	2.479	2.779	3.435	3.707
27	1.314	1.703	2.052	2.473	2.771	3.421	3.689
28	1.313	1.701	2.048	2.467	2.763	3.408	3.674
29	1.311	1.699	2.045	2.462	2.756	3.396	3.66
30	1.31	1.697	2.042	2.457	2.75	3.385	3.646
60	1.296	1.671	2	2.39	2.66	3.232	3.46
120	1.289	1.658	1.98	2.358	2.617	3.16	3.373
8	1.282	1.645	1.96	2.326	2.576	3.091	3.291