

## Appendix A: Table of the standard normal distribution

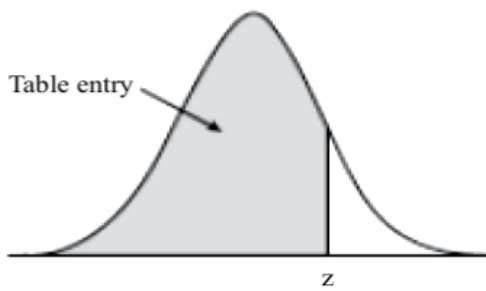


Table entry for  $z$  is the area under the standard normal curve for the left of  $z$ .

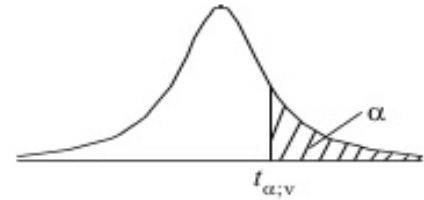
[illegible]

**Appendix B: Significance level  $\alpha$  and the corresponding Z-Score**

| <b>Credible Level</b> | <b><math>\alpha</math></b> | <b><math>\alpha/2</math></b> | <b>Z-Score</b> |
|-----------------------|----------------------------|------------------------------|----------------|
| 50.0%                 | 0.500                      | 0.2500                       | $\pm 0.675$    |
| 80.0%                 | 0.200                      | 0.1000                       | $\pm 1.282$    |
| 90.0%                 | 0.100                      | 0.0500                       | $\pm 1.645$    |
| 95.0%                 | 0.050                      | 0.0250                       | $\pm 1.960$    |
| 98.0%                 | 0.020                      | 0.0100                       | $\pm 2.326$    |
| 99.0%                 | 0.010                      | 0.0050                       | $\pm 2.576$    |
| 99.9%                 | 0.001                      | 0.0005                       | $\pm 3.291$    |

## Appendix C: Table of the Student's t-distribution

The table gives the values of  $t_{\alpha;v}$  where  
 $\Pr(T_v > t_{\alpha;v}) = \alpha$ , with  $v$  degrees of freedom



| $\alpha \backslash v$ | 0.1   | 0.05  | 0.025  | 0.01   | 0.005  | 0.001   | 0.0005  |
|-----------------------|-------|-------|--------|--------|--------|---------|---------|
| 1                     | 3.078 | 6.314 | 12.076 | 31.821 | 63.657 | 318.310 | 636.620 |
| 2                     | 1.886 | 2.920 | 4.303  | 6.965  | 9.925  | 22.326  | 31.598  |
| 3                     | 1.638 | 2.353 | 3.182  | 4.541  | 5.841  | 10.213  | 12.924  |
| 4                     | 1.533 | 2.132 | 2.776  | 3.747  | 4.604  | 7.173   | 8.610   |
| 5                     | 1.476 | 2.015 | 2.571  | 3.365  | 4.032  | 5.893   | 6.869   |
| 6                     | 1.440 | 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 | 1.860 | 2.306  | 2.896  | 3.355  | 4.501   | 5.041   |
| 9                     | 1.383 | 1.833 | 2.262  | 2.821  | 3.250  | 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  | 3.930   | 4.318   |
| 13                    | 1.350 | 1.771 | 2.160  | 2.650  | 3.012  | 3.852   | 4.221   |
| 14                    | 1.345 | 1.761 | 2.145  | 2.624  | 2.977  | 3.787   | 4.140   |
| 15                    | 1.341 | 1.753 | 2.131  | 2.602  | 2.947  | 3.733   | 4.073   |
| 16                    | 1.337 | 1.746 | 2.120  | 2.583  | 2.921  | 3.686   | 4.015   |
| 17                    | 1.333 | 1.740 | 2.110  | 2.567  | 2.898  | 3.646   | 3.965   |
| 18                    | 1.330 | 1.734 | 2.101  | 2.552  | 2.878  | 3.610   | 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   | 3.850   |
| 21                    | 1.323 | 1.721 | 2.080  | 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  | 2.500  | 2.807  | 3.485   | 3.767   |
| 24                    | 1.318 | 1.711 | 2.064  | 2.492  | 2.797  | 3.467   | 3.745   |
| 25                    | 1.316 | 1.708 | 2.060  | 2.485  | 2.787  | 3.450   | 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   | 3.690   |
| 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   | 3.659   |
| 30                    | 1.310 | 1.697 | 2.042  | 2.457  | 2.750  | 3.385   | 3.646   |
| 40                    | 1.303 | 1.684 | 2.021  | 2.423  | 2.704  | 3.307   | 3.551   |
| 60                    | 1.296 | 1.671 | 2.000  | 2.390  | 2.660  | 3.232   | 3.460   |
| 120                   | 1.289 | 1.658 | 1.980  | 2.358  | 2.617  | 3.160   | 3.373   |
| $\infty$              | 1.282 | 1.645 | 1.960  | 2.326  | 2.576  | 3.090   | 3.291   |