

SOC 4015/5050: Lecture 06 Functions

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Fall 2018

Packages

- stats

Normal Distribution

For the normal distribution, let:

z = standardized score

Cumulative Probability

```
stats::pnorm(z, mean=0, sd=1, lower.tail=TRUE)
```

Area Greater Than z

```
stats::pnorm(z, mean=0, sd=1, lower.tail=FALSE)
```