

# One Sample t Test

Prior to the steps below, enter the data as appropriate for the analyses (described elsewhere). As always, the following commands should be typed directly in the R console window.

## Obtaining Descriptive Statistics

Get the mean and standard deviation for the variable.

```
(Outcome) |> describeMoments()
```

## Obtaining Inferential Statistics

Get the mean difference and its confidence interval. Though the confidence interval defaults to 95%, it can be changed if desired.

```
(Outcome) |> estimateMeans(mu = 7)
(Outcome) |> estimateMeans(mu = 7, conf.level = .99)
```

Test the mean difference for statistical significance.

```
(Outcome) |> testMeans(mu = 7)
```

Get the standardized effect size for the mean difference.

```
(Outcome) |> standardizeMeans(mu = 7)
```