

# 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 sample size, mean, and standard deviation for the variable.

```
c(length(Outcome), mean(Outcome), sd(Outcome))
```

## Obtaining Inferential Statistics

Test the mean difference for statistical significance and get its confidence interval.

```
t.test(Outcome, mu=7)
```

Also, you can change the width of the confidence interval if desired.

```
t.test(Outcome, mu=7, conf.level=.99)
```