Confidence interval for a population mean

Analyze–Descriptive Statistics–Explore.

One sample t test

Input data values 2,3,3,2.
$H_0 : \mu = 1.8, H_1 : \mu > 1.8$.
Analyze-Compare means-One sample T test
The output gives two tail probability. You need to divide the p-value by 2 for one-sided test.

two sample t test and CI

The following are number of tree species in unlogged and logged plots.
unlogged: 22,18,22,20,15,21
logged: 17,4,18,14,18,15,15,10,12
Analyze–Compare Means–Independent Samples T Test