yes

no

no

yes

Bootstrap

Wilcoxon test

Use distribution for c.i.’s and tests

Use N(0,1) for c.i.’s and tests

variance

mean

variance

mean

Is n large?

Use Bootstrap and non parametric tests

Use Chi-squared for tests and confidence intervals

Is known?

No

Yes

Inference on mean or variance?

Inference on mean or variance?

Is the population Normally distributed?