

## Confidence Intervals for AP Statistics

### Proportions

Name	Statistic	Parameter	Conditions	Formula	Calculator
One-sample z-interval for a proportion					
Two-sample z-interval for a difference in proportions					

### Means

Name	Statistic	Parameter	Conditions	Formula	Calculator
One-sample t-interval for a mean or paired t-interval					
Two-sample t-interval for a difference in means					

### Slope

Name	Statistic	Parameter	Conditions	Formula	Calculator
t-interval for a slope					

## Significance Tests for AP Statistics

### Proportions

Name	Null Hypothesis	Conditions	Formula	Calculator
One-sample z-test for a proportion				
Two-sample z-test for a difference in proportions				

### Means

Name	Null Hypothesis	Conditions	Formula	Calculator
One-sample t-test for a mean or paired t-test				
Two-sample t-test for a difference in means				

### Slope

Name	Null Hypothesis	Conditions	Formula	Calculator
t-test for a slope				

## Chi-Square

Name	Hypotheses	Conditions	Formula	Calculator
$\chi^2$ test for goodness-of-fit				
$\chi^2$ test for homogeneity				
$\chi^2$ test for independence				