

## Goodness of fit test review.

What is categorical data?

How is this different from what we've been doing with two-sample tests?

Know how to carry out the  $\chi^2$  goodness of fit test.

What is your null hypothesis? Your alternative hypothesis?

How do you calculate  $\chi^2$ ?

How do you calculate your expected values?

What are your degrees of freedom?

What is your comparison?

What is your decision?

When can you use a one-sided alternative?

(When you have only two categories)

What are the assumptions of a  $\chi^2$  goodness of fit test?

How does sample size help here?