Inference for Categorical Variables

Parametric One-Sample Inference of Categorical Variables

```
* one-sample proportion test
  * do NOT use Yate's continuity, so specify:
    * prop.test(..., correct = FALSE)

* $\Chi^2$ goodness of fit test
  * to ensure sufficient sample size: $n \cdotp_{0} > 5$
```

- QI
    - SQUIRE 2.0 for QI Reporting
    - ☐ Stepped-wedge trial
        - Link
- Linear regression
    - Q-Q plot
    - plot of residuals
    - Cook's Distance
    - these are different!
        - correlative
        - descriptive
        - predictive
        - associative
- confounding vs. effect modification

to assess a paired difference

- create histogram
- plot as box plot
- make Q-Q plot