[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](#)