[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

<u>to assess a paired difference</u>

- create histogram
- plot as box plot
- make [Q-Q plot](#)