

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:  $n \cdot p_{\{0\}} > 5$ 
* don't use continuity corrections!
  * chisq.test(..., correct = FALSE)
```

- 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](#)

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