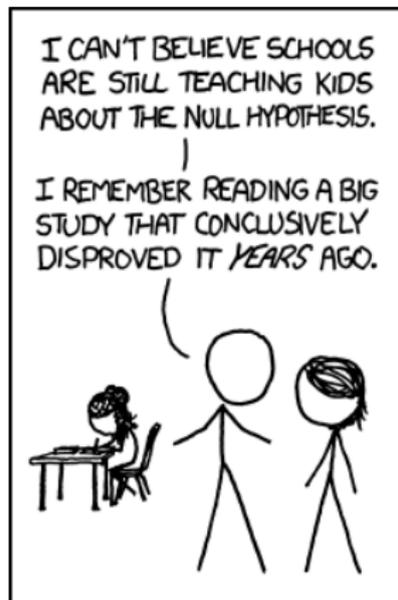


# Inference

- 1 Sampling Distributions
- 2 Single Hypothesis - Single Parameter
  - ▶ Critical value
  - ▶ p-value
  - ▶ Confidence interval
- 3 Single Hypothesis - Multiple Parameters
- 4 Multiple Hypotheses
- 5 Final Thoughts

# Sampling Distributions

# Single Hypothesis - Single Parameter



<https://xkcd.com/892/>

# Single Hypothesis - Multiple Parameters

# Multiple Hypotheses

# Final Thoughts