* CI for one proportion
  + Buttons
    - Finite Population
    - Worst Case
  + Inputs
    - N
    - pi
  + Sliders
    - Margin of Error
    - n
  + Scrollers
    - Confidence
* Test of one proportion
  + Buttons
  + Inputs
  + Sliders
    - Null value (p\_0)
    - Actual value (p)
    - Sample size
    - Power
  + Scrollers
    - Alternative hypothesis
    - Method
    - Alpha
* Test comparing two proportions
  + Buttons
    - Continuity Correlation
  + Inputs
  + Sliders
    - p1, p2
    - n1, n2
    - alpha, power
  + Scrollers
    - Alternative Hypothesis
* CI for one mean
  + Buttons
    - Finite Population
  + Inputs
    - N
  + Sliders
    - Sigma
    - Margin of Error
    - n
  + Scrollers
    - Confidence
* One-sample t test (or paired t)
  + Buttons
    - Two-tailed
  + Inputs
  + Sliders
    - Sigma
    - True (mu – mu\_0)
    - N
    - Power
  + Scrollers
    - Solve for
    - Alpha
* Two-sample t test (pooled or Satterhwaite)
  + Buttons
    - Equal sigmas
    - Two-tailed
    - Equivalence
  + Inputs
    - Alpha
  + Sliders
    - sigma1, sigma2
    - n1, n2
    - True difference of means
    - Power
  + Scrollers
    - Allocation
    - Solve for
* Linear Regression
  + Buttons
    - Two-tailed
  + Inputs
  + Sliders
    - Number of predictors
    - SD of x[j]
    - Alpha
    - Error SD
    - Detecable beta[j]
    - Sample size
    - Power
  + Scrollers
    - Solve for
* Balanced ANOVA (any model)
  + THIS HAS A LOT TO IT
* Two Variances (F test)
  + Buttons
    - Equal ns
  + Inputs
  + Sliders
    - n1, n2
    - Variance 1, Variance 2
    - Alpha, Power
  + Scrollers
    - Alternative Hypothesis
* R-square (multiple correlation)
  + Buttons
  + Inputs
    - Alpha
  + Sliders
    - True rho^2 value
    - Sample Size
    - Number of Regressors
    - Power
  + Scrollers
* Generic chi-square test
  + Buttons
  + Inputs
    - Chi2, n
    - DF, Alpha
  + Sliders
    - N
    - Power
  + Scrollers
* Generic Poisson Test
  + Buttons
  + Inputs
    - alpha
  + Sliders
    - Lambda\_0
    - lambda
  + Scrollers
    - Alternative
  + Outputs
    - Lower, Upper
    - size
* Online tables of common distributions
  + DON’T THINK WE NEED
* Pilot study
  + Buttons
  + Inputs
  + Sliders
    - Percent by which N is underestimated
    - Risk of exceeding this percentage
    - DF for error in pilot study
  + Scrollers
* Header
* Sidebar
  + Sidebar can either be all tabs or a selection scroller
* Body
  + Colored headers for boxes depending on if it is input or output
  + Background Color could also indicate type
  + infoBox or valueBox for output?
  + Use both fluidRow and column