Shiny Apps We Want To Make (green is done)

Linear Model

* How logistic regression is just a linear regression underneath
  + Presents example population data (e.g., temp), which we don’t have access to in practice
  + Presents data as classification (continuous temp recoded into high vs low temp)
  + Shows how link function connects high vs low to the original temp data (i.e., in effect shows how logistic reg is a latent variable model)
  + Point is to demonstrate how logistic regression is just linear regression when you don’t have access to normal continuous data
  + Allow user to vary noise (classification accuracy)
* Tinkering with betas and compare with ols solution (to illustrate that ols guarantees that residuals are minimized, saving you trouble of tinkering)

Inference

* Sample effect on Cis
* Sampling distributions
* Effect of sampling distributions on slopes