* Take data from Critchfield
  + Possibly other sources?
* For each model
  + Model list
    - OML
    - GML
    - OCS
    - ODS
    - GCS
    - GDS
    - DS-ROE
    - CS-ROE
  + Analyze data
    - Simple MLE model fit
    - Establish parameters for each person
  + Clone data
    - Experiment 1: clone individual parameters
    - Experiment 2: use parameters to create population level distributions, draw large number of people
  + Add noise
    - X values are determined from data set and parameters
    - Y values are determined from data set, parameters, and Gaussian noise
    - Starting at small values, going to big
    - Small values should have very high fidelity, large values should have low fidelity
  + Test model fits
    - For every analysis style
      * MLE - AIC
      * Empirical Bayes -?
      * Hierarchical MLE -?
      * Hierarchical Bayes with MCMC - LOOIC
      * Hierarchical Bayes with hyperparameters and MCMC - LOOIC
* Run logistic regressions
  + X value is amount of noise added
  + Y value is percent of evidence given to the original model
  + Y ~ logit(aX + b)
    - However, as X 🡪 infinity, this should approach 1/(# models), so it will be a modified logistic