Outline

* Models
  + GLM with Fourier terms
  + SuperLearner
    - <https://cran.r-project.org/web/packages/SuperLearner/vignettes/Guide-to-SuperLearner.html>
      * Mean, glm, glmnet (lasso / elastic), ranger (Random forest), neural net
  + Variables
    - Time (transformed etc.), viral activity, temperature
    - Lagged indicators
  + Model fitting strategy
    - Cross-validation, X seasons, leave one out, fit model to X-1, test in excluded season
  + Performance
    - RSME
    - Peak week
    - Cumulative cases
* Training Data
  + 2013+ Public Data; 2012-2017; 6 seasons
    - National; Region; State
* Test Data
  + RSV/NH dataset (2012 - 2017); 6 seasons
    - National; Region (HHS/Census)
  + Va data?
* Report
  + Model building strategy
  + Performance
  + Estimates of attributable risk