**Bayesian Poster Elements**

Ben - layout

Background: Ben

Methods:

Data Source - Ben

Multiple Imputation (missingness) - Ben

* Mice
* Brm\_multiple
* Show lack of mixing chains?

Model Outline - Alexander

(How pick priors)

Why dropped underlying conditions (missing data) - Luke

Why added race (bivariate shows race differences) - Luke

Explored state in hierarchical analyses - Luke

Explored score for age (more accurate depiction of age) vs. ordered factor - Luke

* Conditional effects similar
* Consider quadratic vs. linear

Results:

* Bivariate table - Ben
* Summary of results (Rhat, ESS) - Alexander
* Map predicted proportions (maybe low and high sample size) – Luke and others
* Conditional effects - Alexander
* Model Checking - Luke
  + LOO results - Alexander
  + State checking
  + Hierarchical model does better

Discussion: Ben

* Age clearly increases risk of hospitalization
* Small sample size states less well
* Including term for state increases accuracy for a given state (predicting individual)
* Missing data a challenge
* Limitations

References?