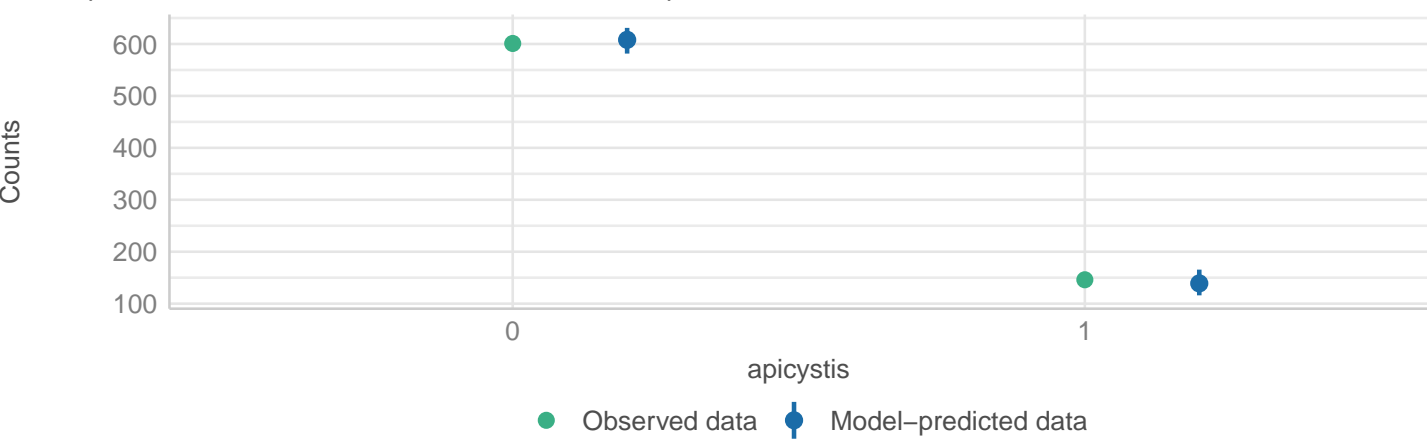
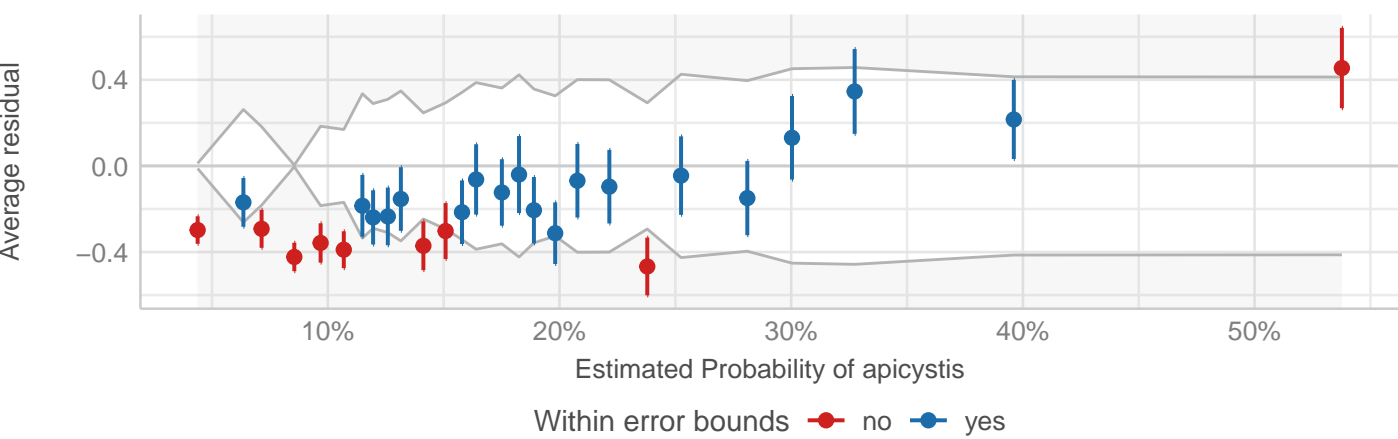


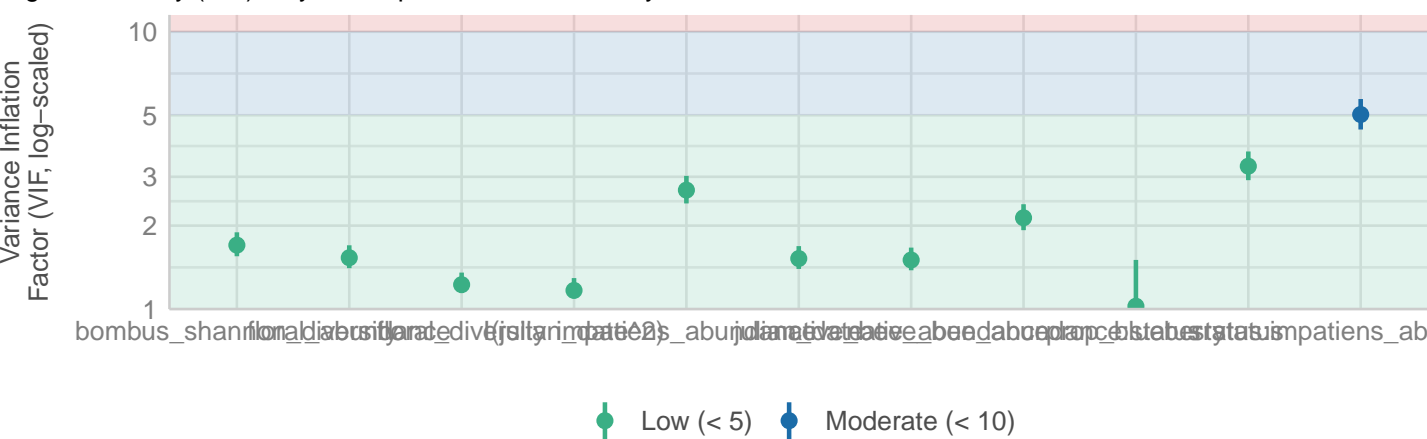
Posterior Predictive Check  
Model-predicted intervals should include observed data points



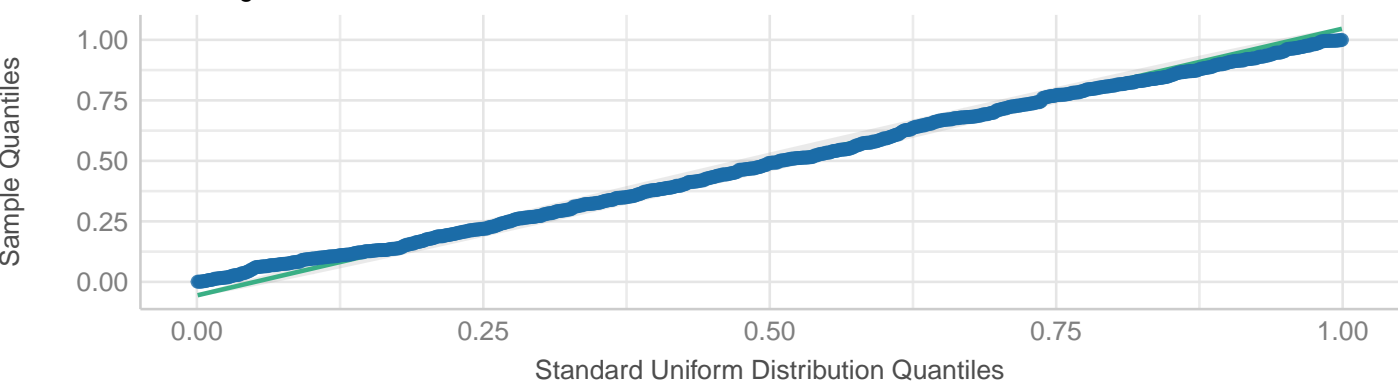
Binned Residuals  
Points should be within error bounds



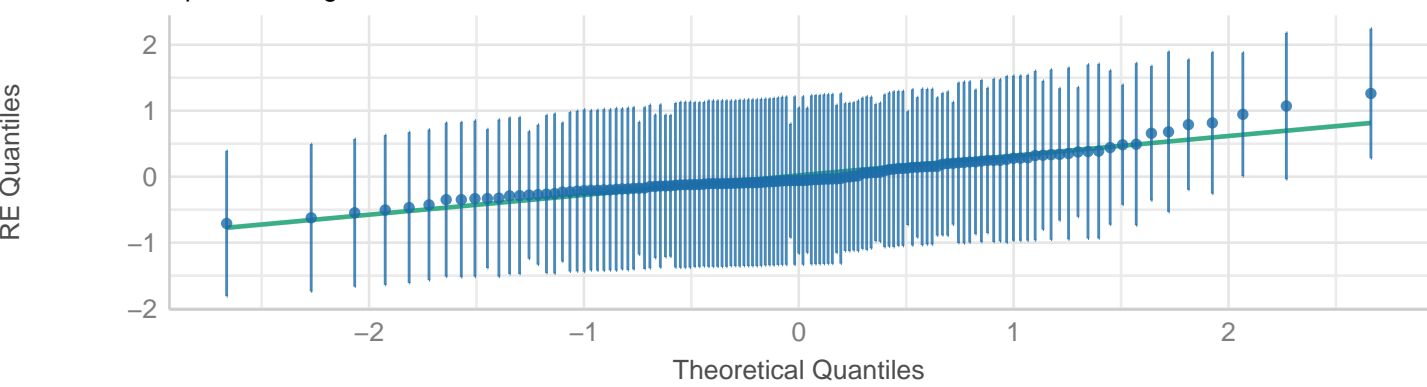
Collinearity  
High collinearity (VIF) may inflate parameter uncertainty



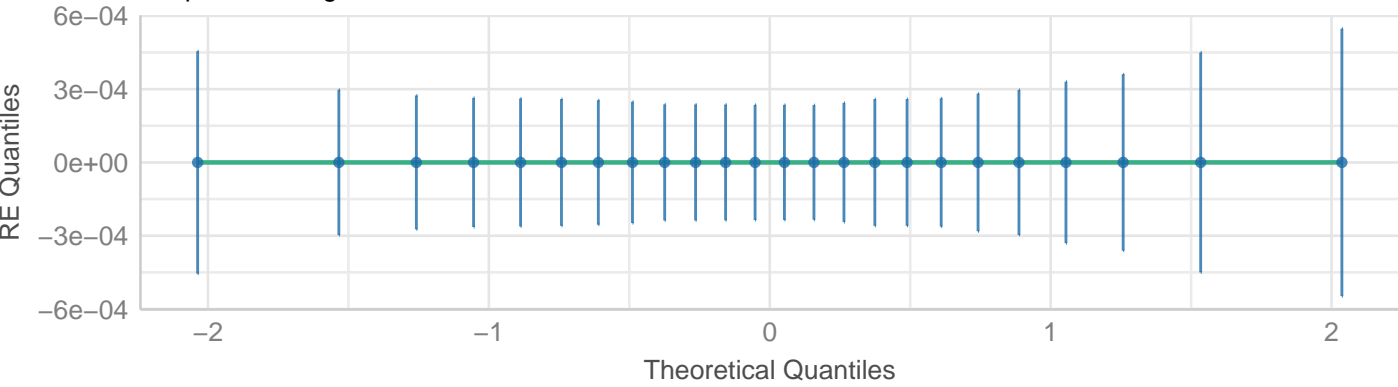
Uniformity of Residuals  
Dots should fall along the line



Normality of Random Effects (sample\_pt)  
Dots should be plotted along the line



Normality of Random Effects (subsite)  
Dots should be plotted along the line



Normality of Random Effects (final\_id)  
Dots should be plotted along the line

