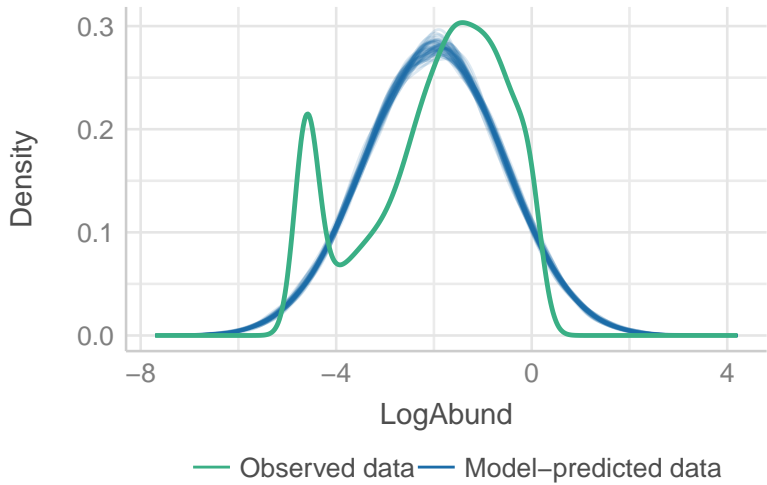
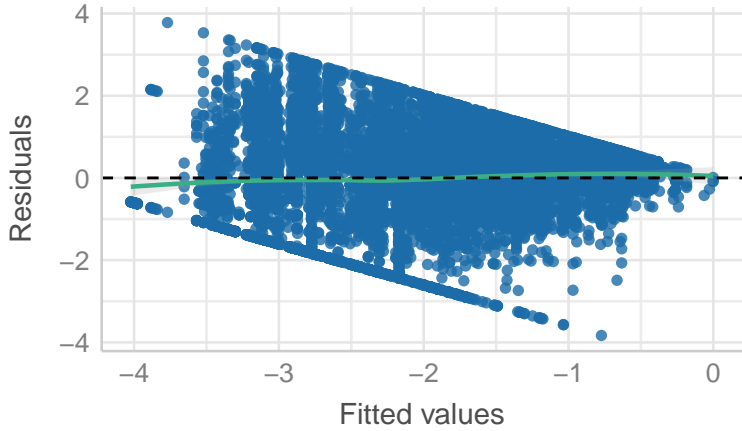


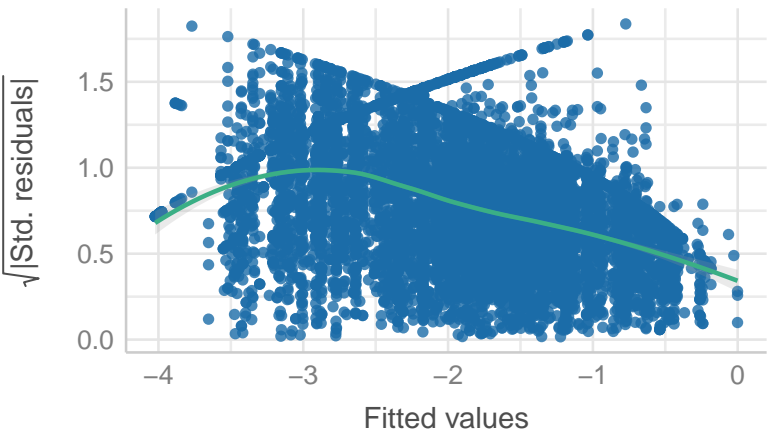
Posterior Predictive Check
Model-predicted lines should resemble observed data line



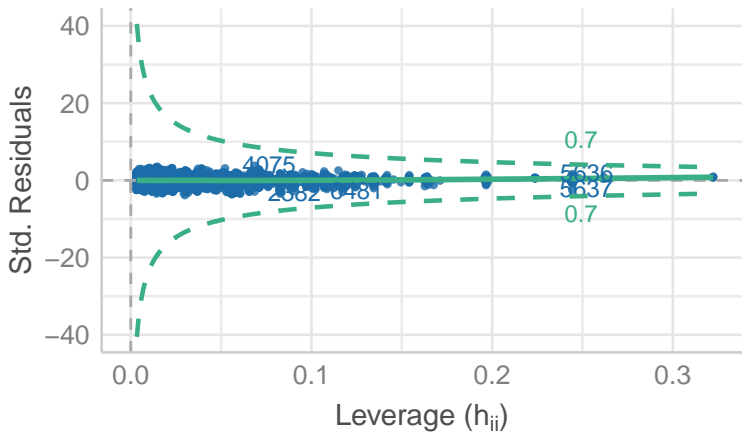
Linearity
Reference line should be flat and horizontal



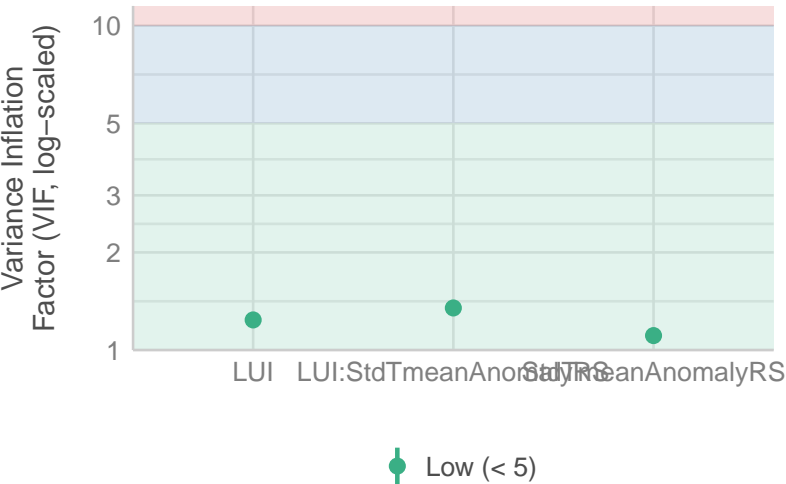
Homogeneity of Variance
Reference line should be flat and horizontal



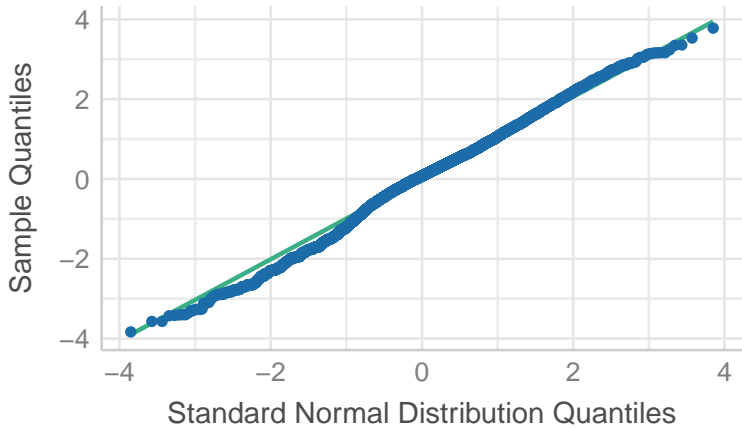
Influential Observations
Points should be inside the contour lines



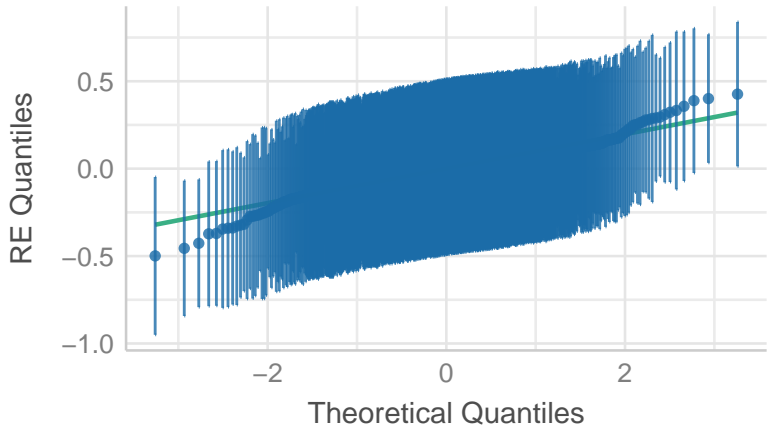
Collinearity
High collinearity (VIF) may inflate parameter uncertainty



Normality of Residuals
Dots should fall along the line



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



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

