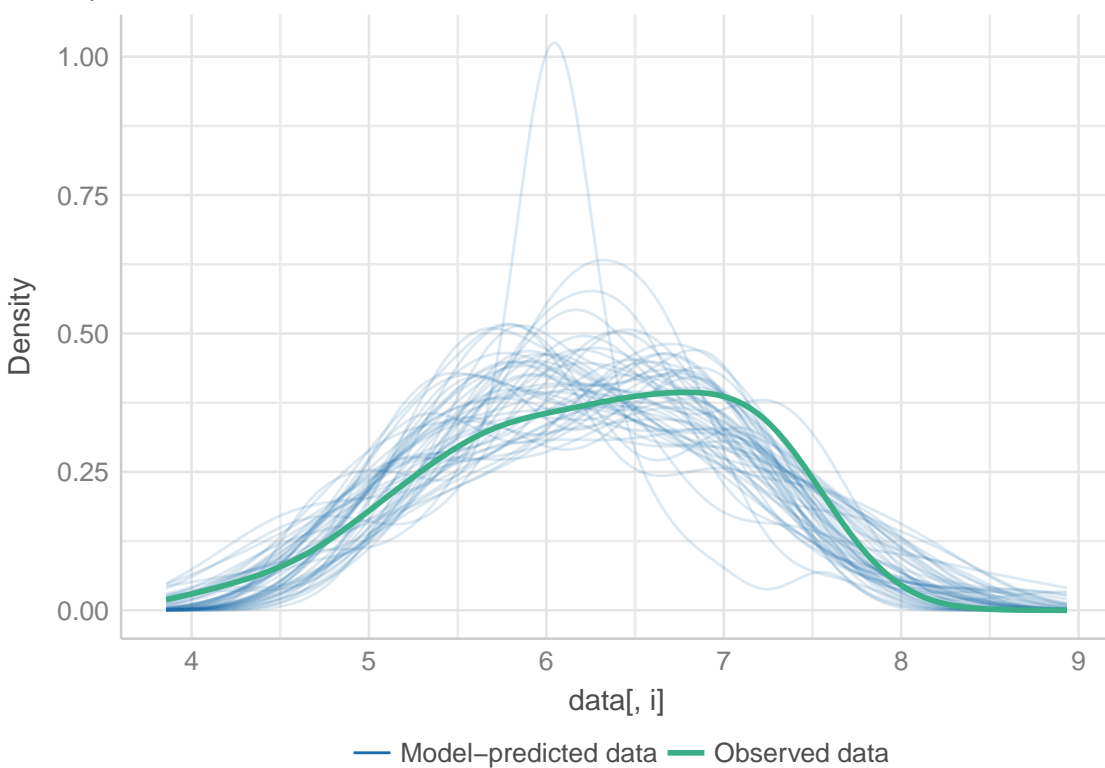
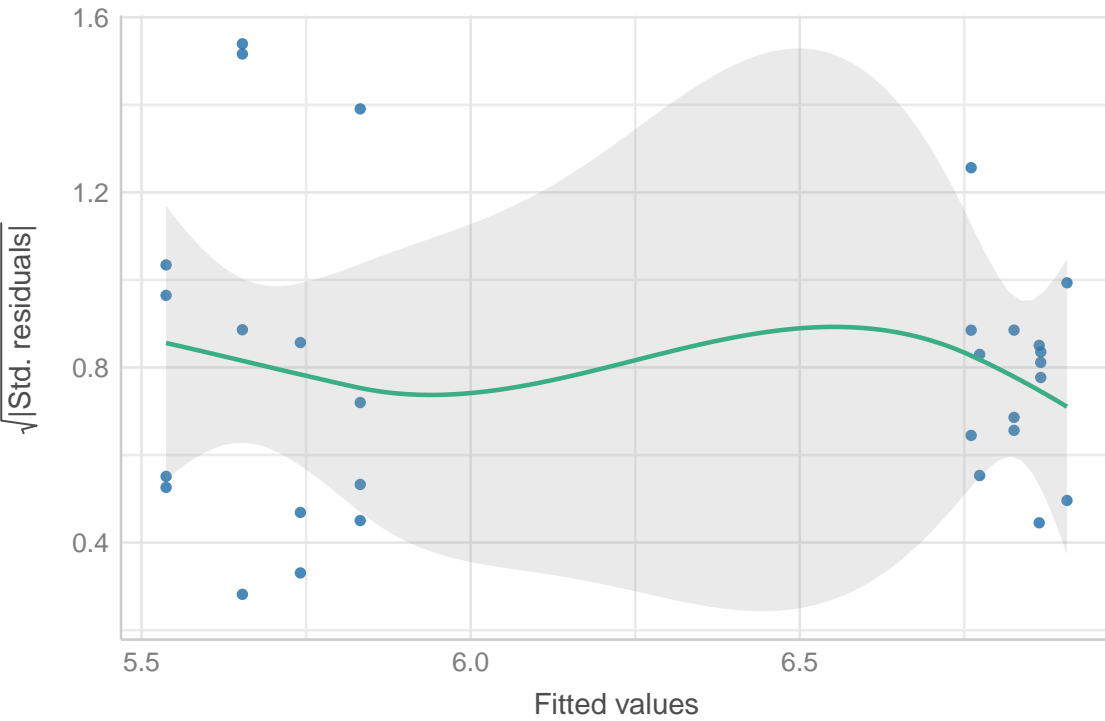


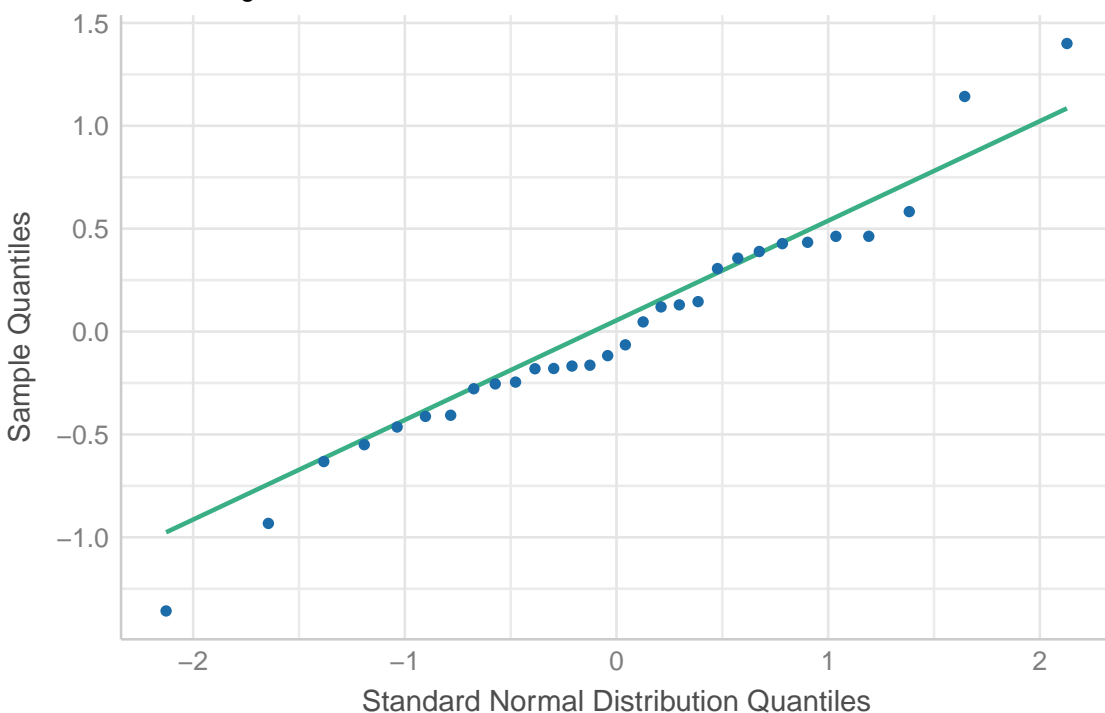
Posterior Predictive Check  
Model-predicted lines should resemble observed data line



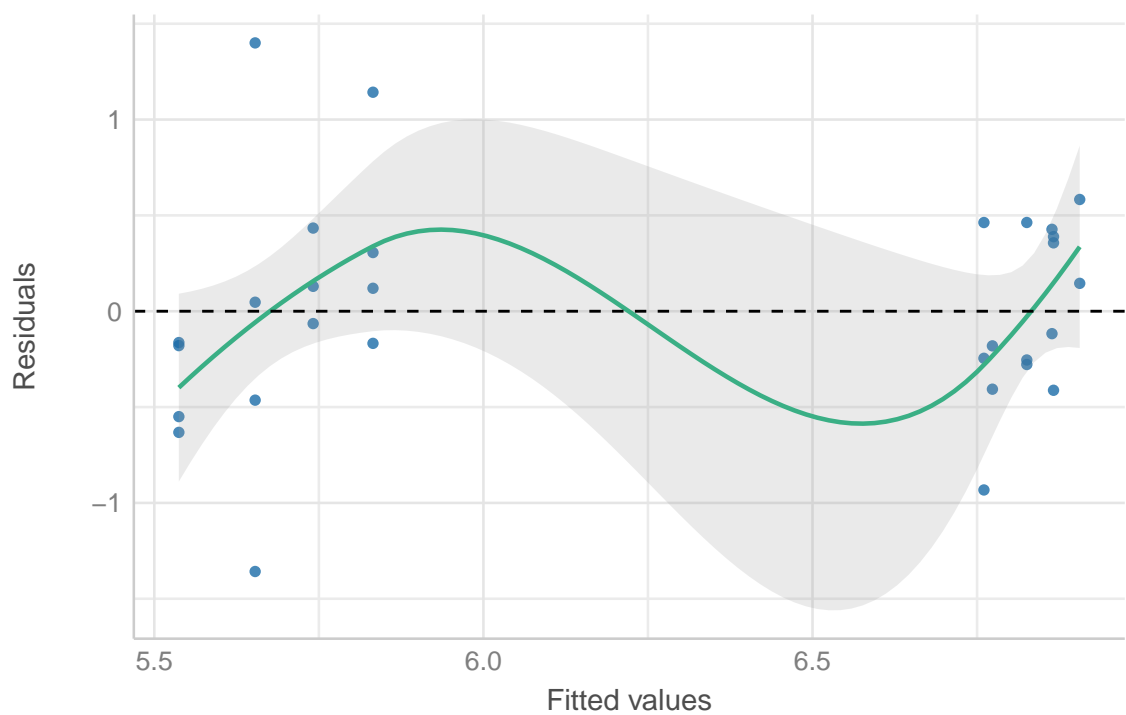
Homogeneity of Variance  
Reference line should be flat and horizontal



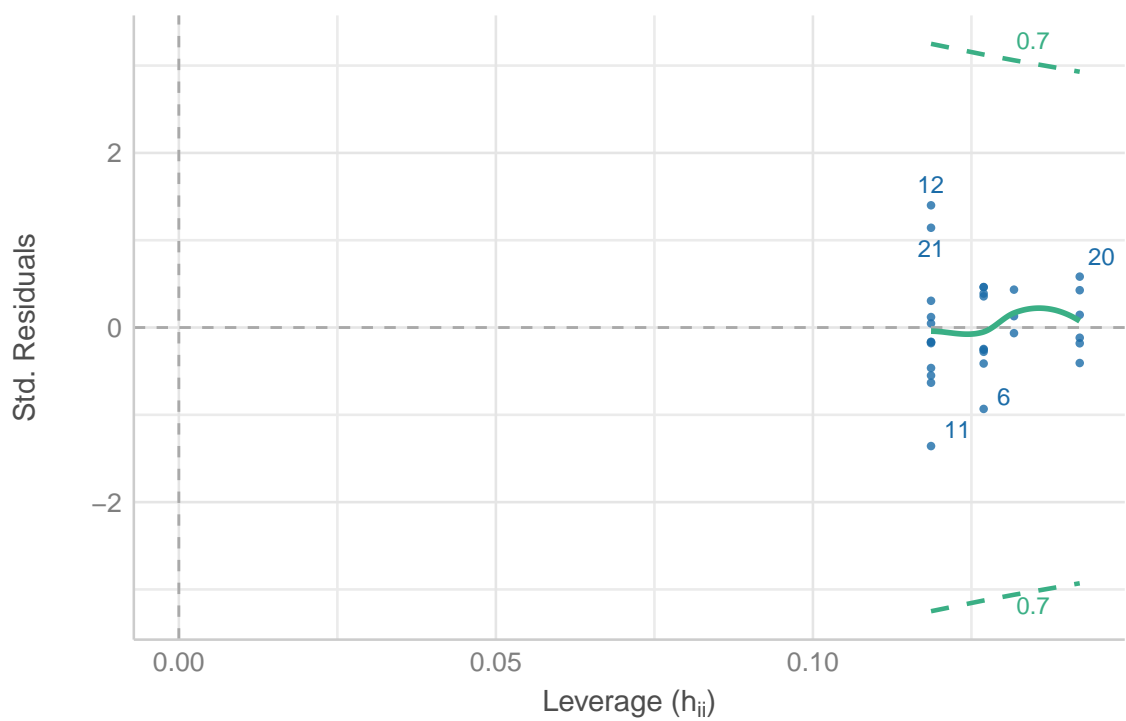
Normality of Residuals  
Dots should fall along the line



Linearity  
Reference line should be flat and horizontal



Influential Observations  
Points should be inside the contour lines



Normality of Random Effects (batch.random)  
Dots should be plotted along the line

