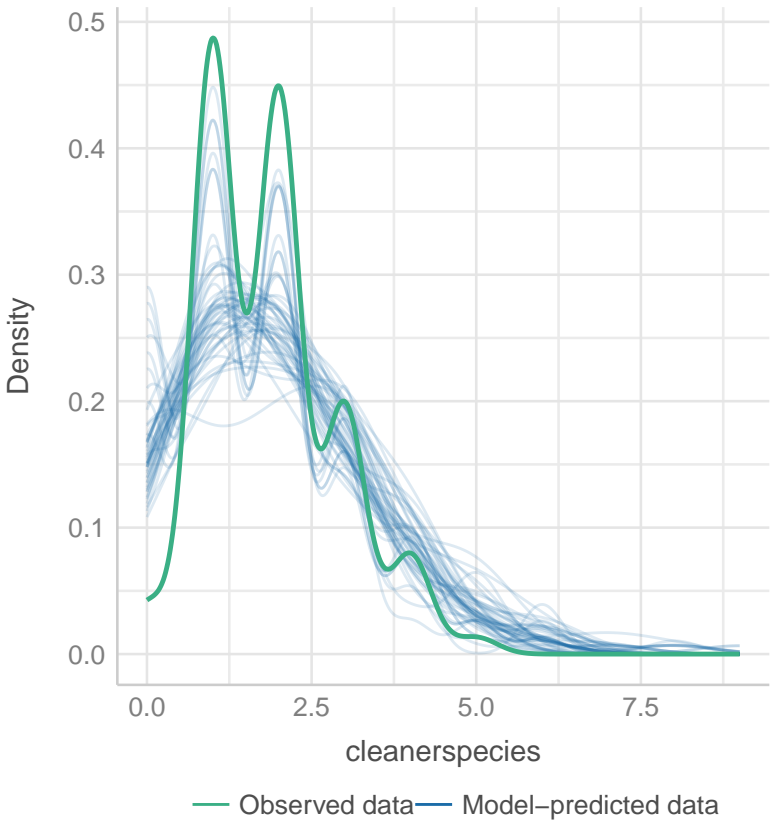
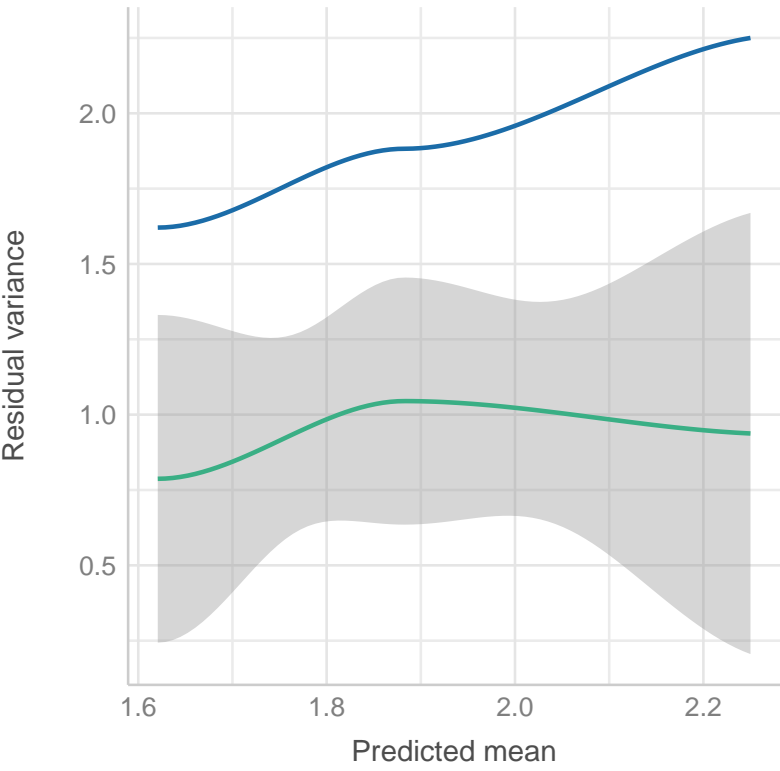


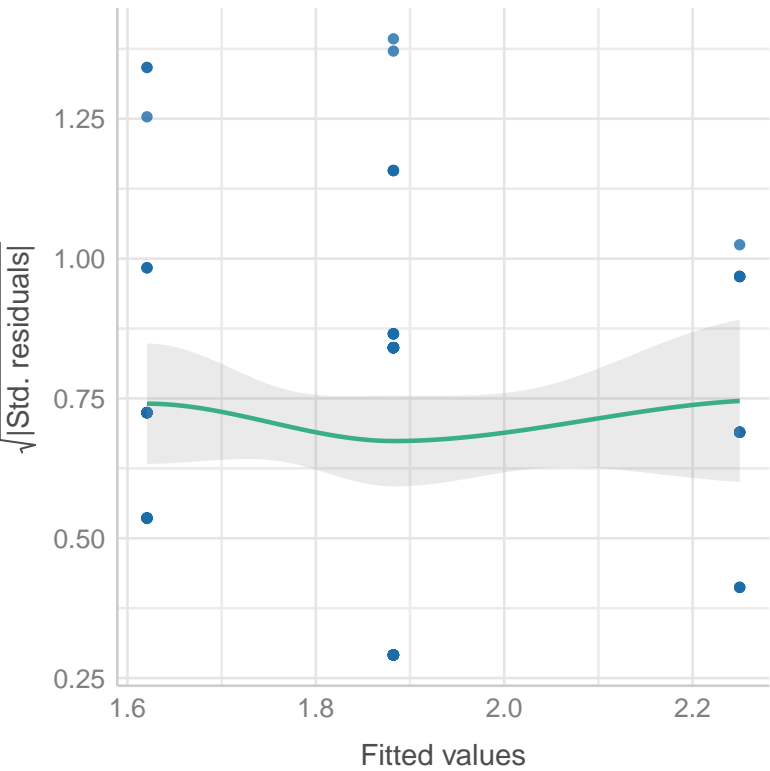
Posterior Predictive Check
Model-predicted lines should resemble observed data line



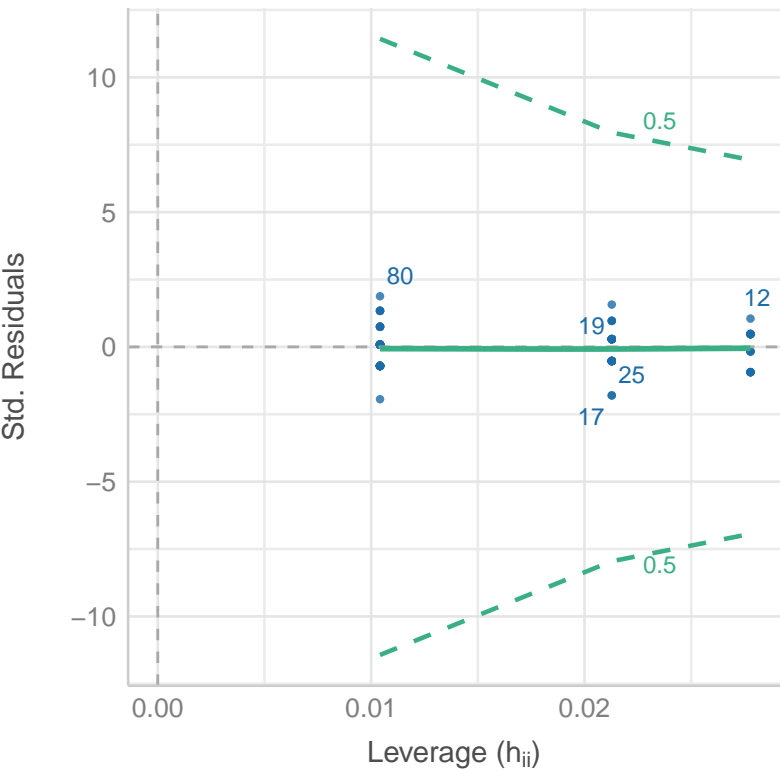
Overdispersion and zero-inflation
Observed residual variance (green) should follow predicted residual



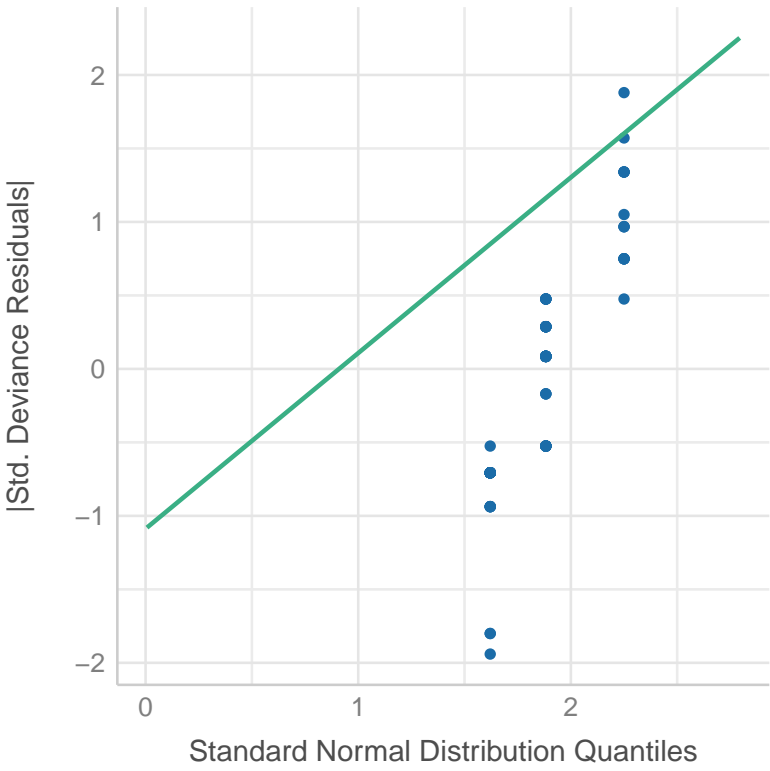
Homogeneity of Variance
Reference line should be flat and horizontal



Influential Observations
Points should be inside the contour lines



Normality of Residuals
Dots should fall along the line



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

