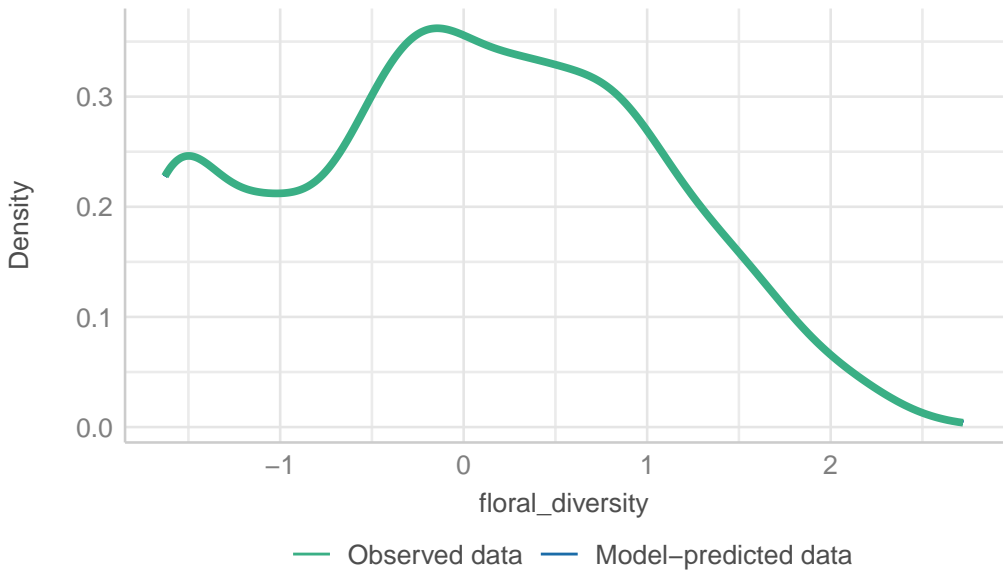
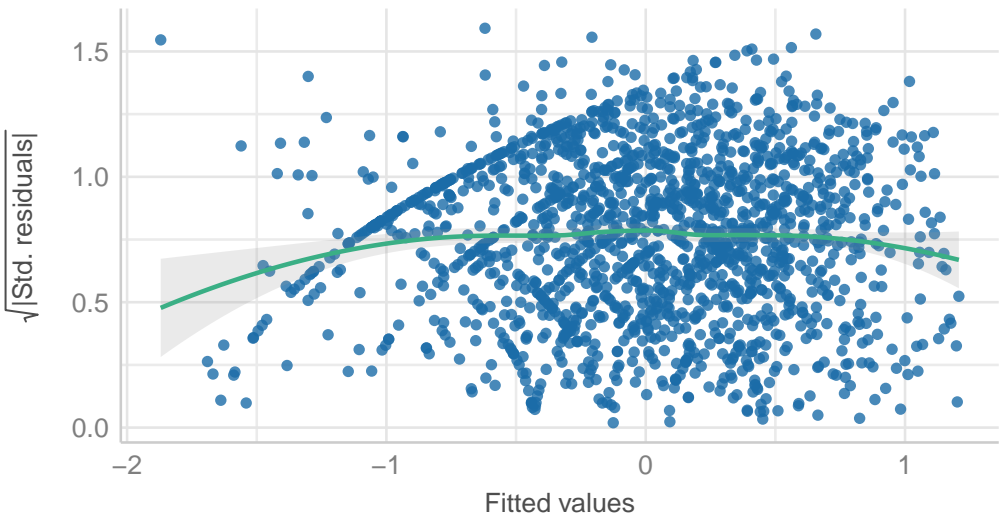


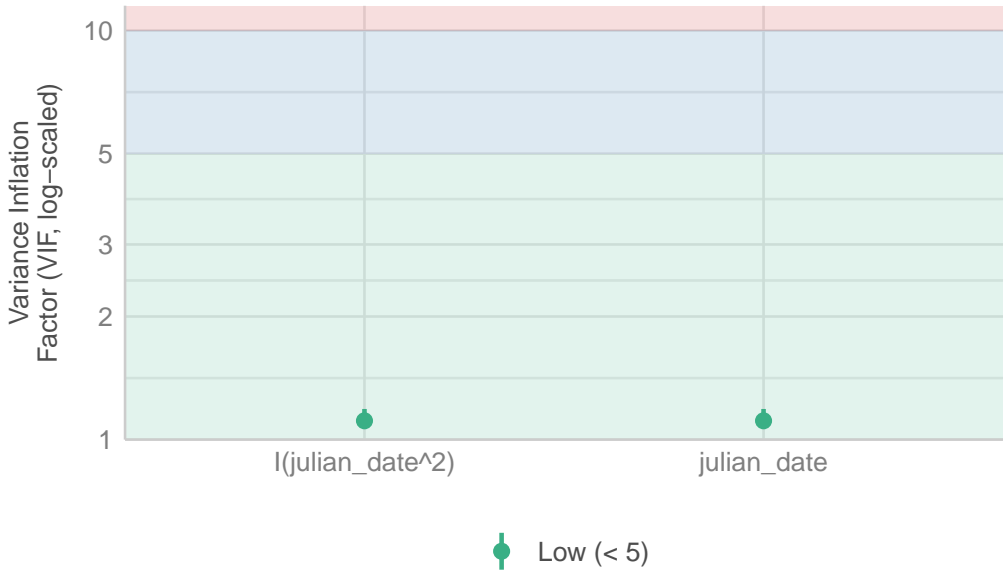
Posterior Predictive Check
Model-predicted lines should resemble observed data line



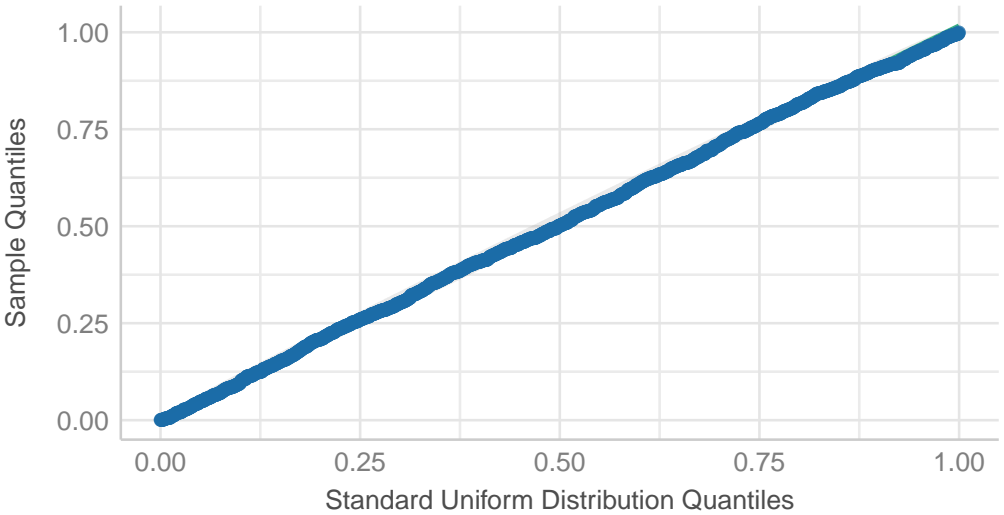
Homogeneity of Variance
Reference line should be flat and horizontal



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

