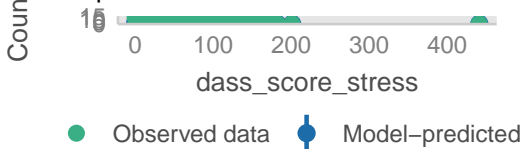


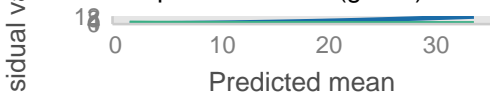
Posterior Predictive Check

Model-predicted intervals should include observed data points



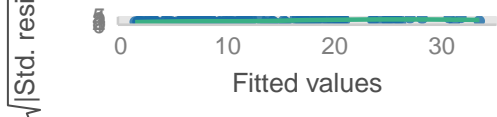
Misspecified dispersion and zero-inflated

Observed data variance (green) should be close to model-predicted variance (blue)



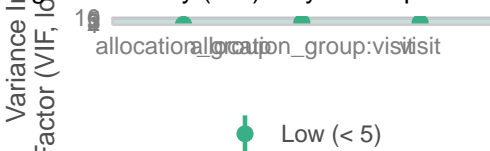
Homogeneity of Variance

Reference line should be flat and horizontal



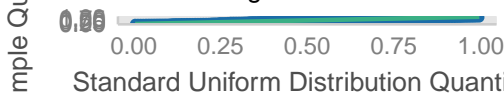
Collinearity

High collinearity (VIF) may inflate parameter estimates



Uniformity of Residuals

Points should fall along the line



Normality of Random Effects (record)

Points should be plotted along the line

