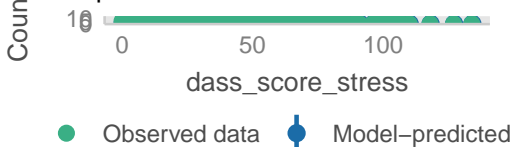


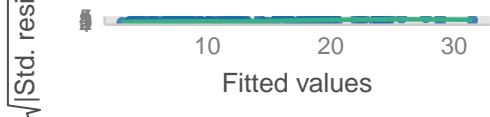
Posterior Predictive Check

Model-predicted intervals should include observed data points



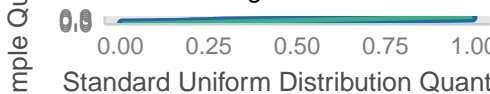
Homogeneity of Variance

Reference line should be flat and horizontal



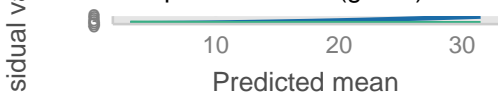
Uniformity of Residuals

Points should fall along the line



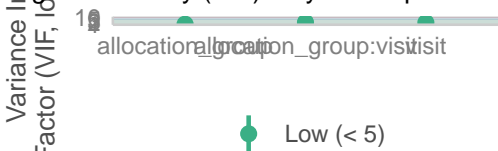
Misspecified dispersion and zero-inflated

Observed data points (green) should fall within predicted intervals



Collinearity

High collinearity (VIF) may inflate parameter estimates



Normality of Random Effects (record)

Points should be plotted along the line

