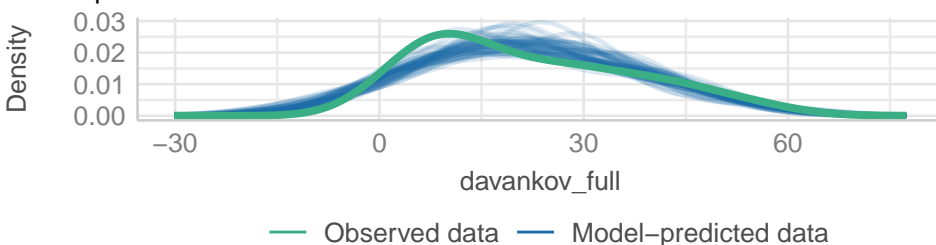


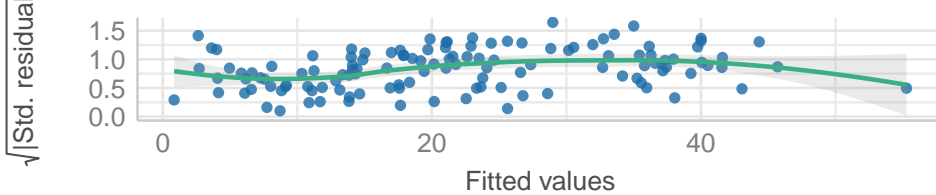
Posterior Predictive Check

Model-predicted lines should resemble observed data line



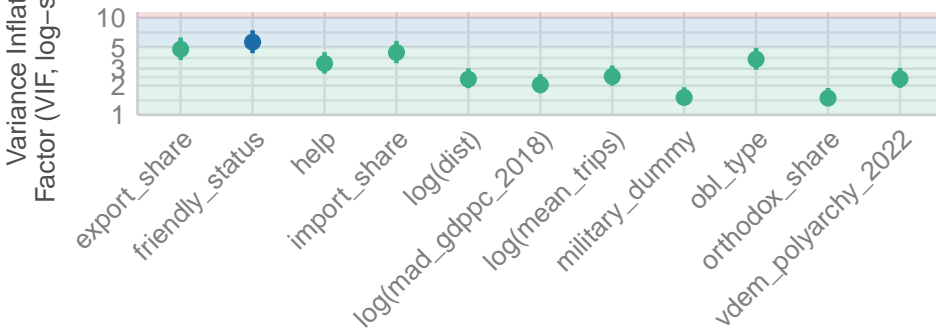
Homogeneity of Variance

Reference line should be flat and horizontal



Collinearity

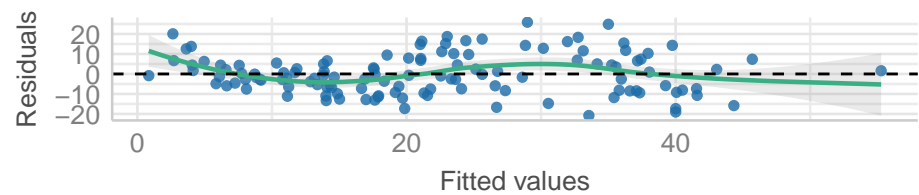
High collinearity (VIF) may inflate parameter uncertainty



● Low (< 5) ● Moderate (< 10)

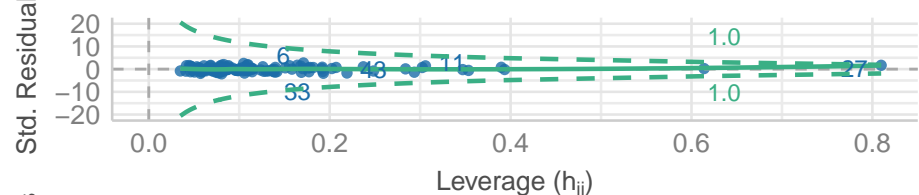
Linearity

Reference line should be flat and horizontal



Influential Observations

Points should be inside the contour lines



Normality of Residuals

Points should fall along the line

