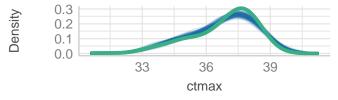
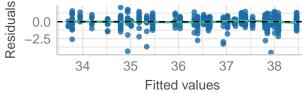
Posterior Predictive Check

Model-predicted lines should resemble observed data lin Reference line should be flat and horizontal



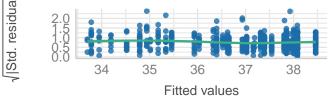
Observed data — Model-predicted data

Linearity



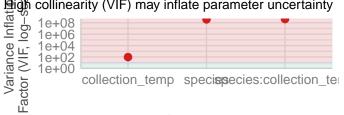
Homogeneity of Variance

Reference line should be flat and horizontal



Collinearity

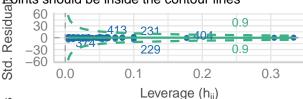
Bigh collinearity (VIF) may inflate parameter uncertainty



High (>= 10)

Influential Observations

Points should be inside the contour lines



Sormality of Residuals

nots should fall along the line

