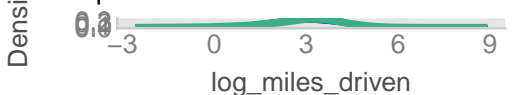


Posterior Predictive Check

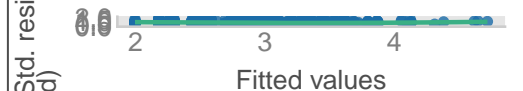
Model-predicted lines should resemble observed



— Observed data — Model-predicted

Homogeneity of Variance

Reference line should be flat and horizontal



Collinearity

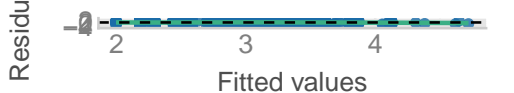
High collinearity (VIF) may inflate parameter



● Low (< 5)

Linearity

Reference line should be flat and horizontal



Influential Observations

Points should be inside the contour lines



Normality of Residuals

Dots should fall along the line

