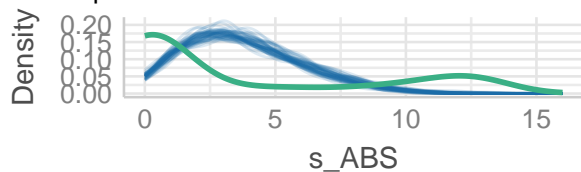


Posterior Predictive Check

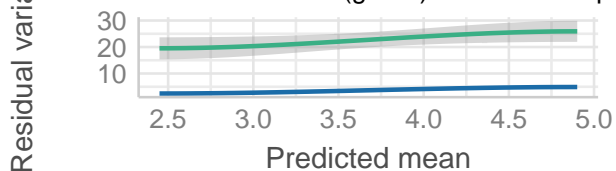
Model-predicted lines should resemble observed (green)



— Model-predicted data — Observed data

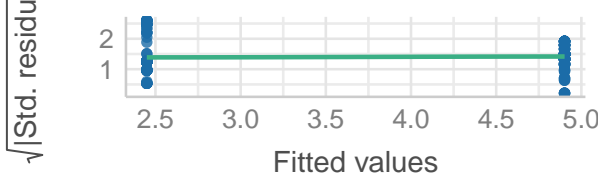
Overdispersion and zero-inflation

Observed residual variance (green) should follow predicted (blue)



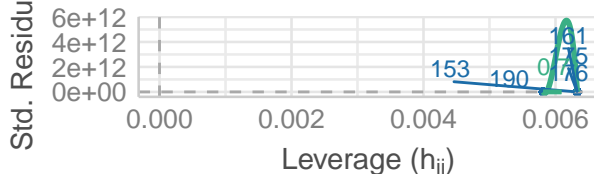
Homogeneity of Variance

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

