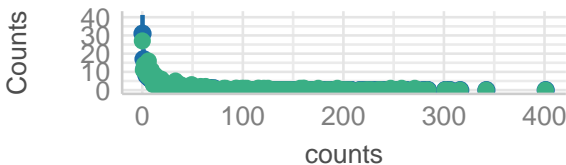


Posterior Predictive Check

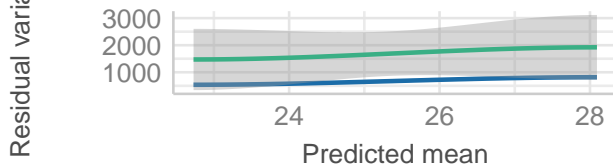
Model-predicted intervals should include observed data points



● Observed data ● Model-predicted data

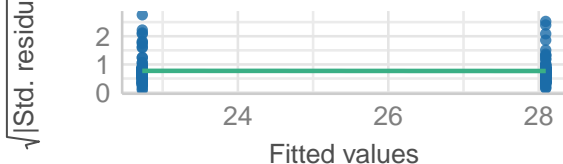
Misspecified dispersion and zero-inflation

Observed residual variance (green) should follow predicted intervals



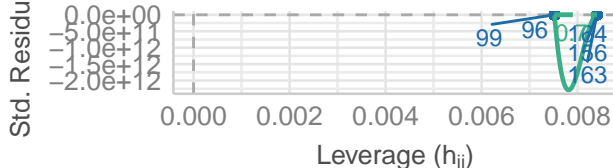
Homogeneity of Variance

Reference line should be flat and horizontal



Influential Observations

Points should be inside the contour lines



Uniformity of Residuals

Dots should fall along the line

