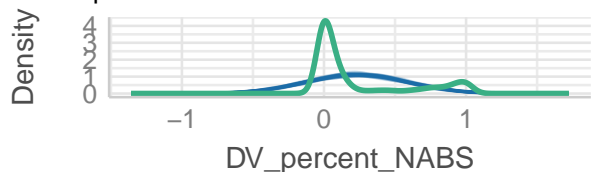


## Posterior Predictive Check

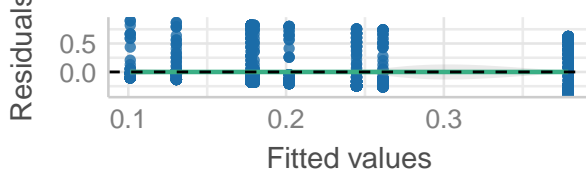
Model-predicted lines should resemble observed data



— Model-predicted data — Observed data

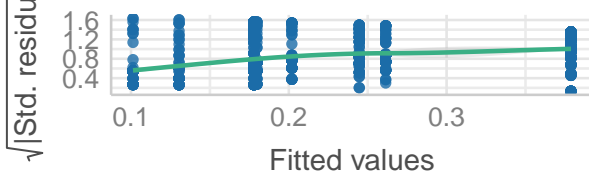
## Linearity

Reference line should be flat and horizontal



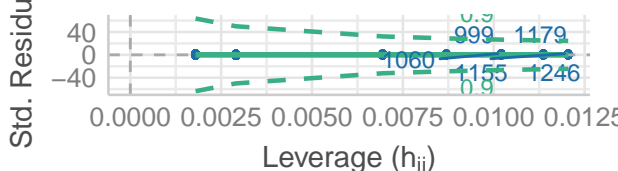
## Homogeneity of Variance

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

