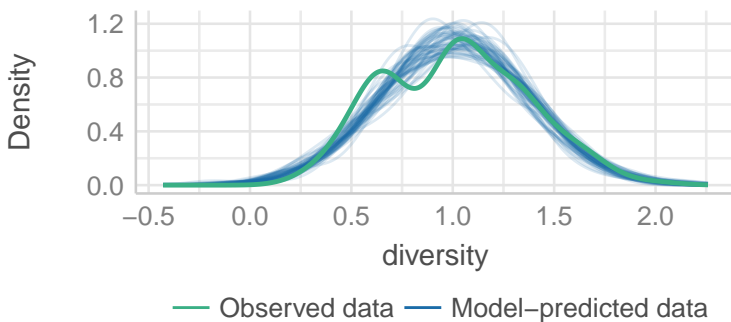


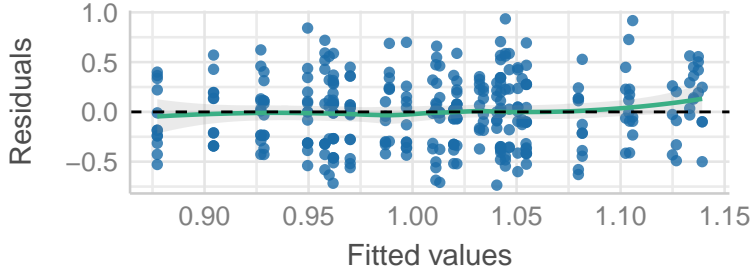
### Posterior Predictive Check

Model-predicted lines should resemble observed data line



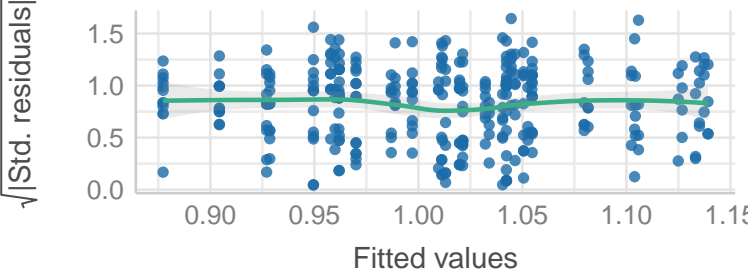
### Linearity

Reference line should be flat and horizontal



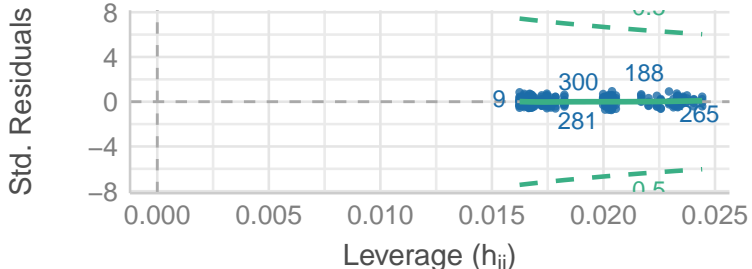
### Homogeneity of Variance

Reference line should be flat and horizontal



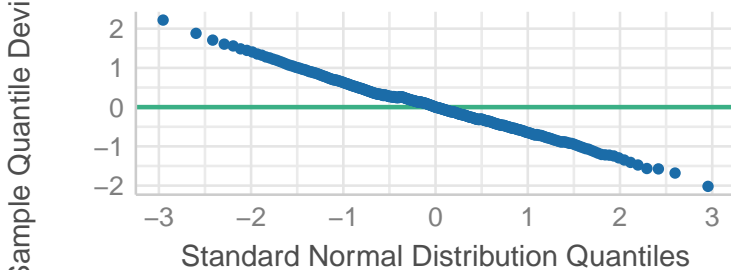
### Influential Observations

Points should be inside the contour lines



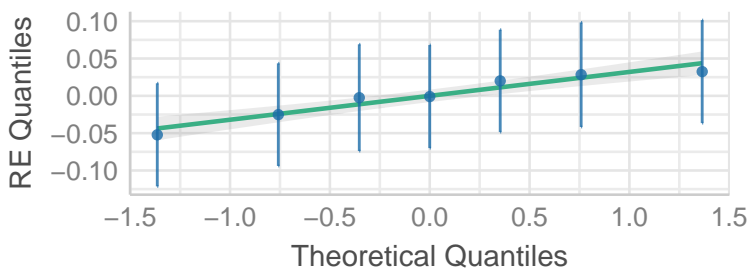
### Normality of Residuals

Dots should fall along the line



### Normality of Random Effects (block)

Dots should be plotted along the line



### Normality of Random Effects (time)

Dots should be plotted along the line

