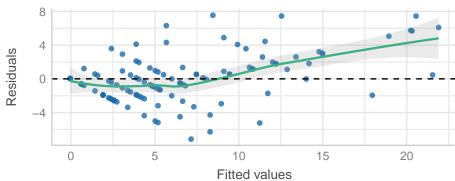
# Posterior Predictive Check Model-predicted lines should resemble observed data line 0.06 0.04 0.02 0.00 -10 0 10 20 30 dass\_score\_anxiety

Observed data — Model-predicted data

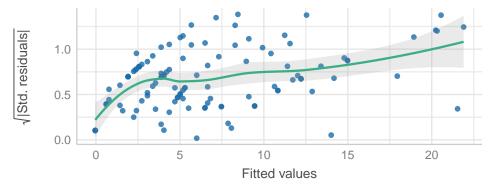
# Linearity

Reference line should be flat and horizontal



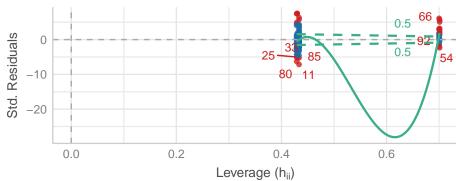
### Homogeneity of Variance

Reference line should be flat and horizontal



### Influential Observations

Points should be inside the contour lines



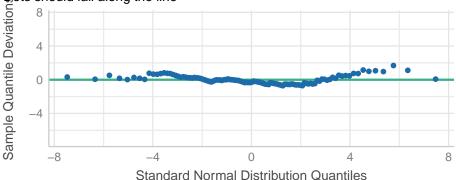
### Collinearity

High collinearity (VIF) may inflate parameter uncertainty



### Normality of Residuals

Dots should fall along the line



### Low (< 5)

## Normality of Random Effects (record\_id)

Dots should be plotted along the line

