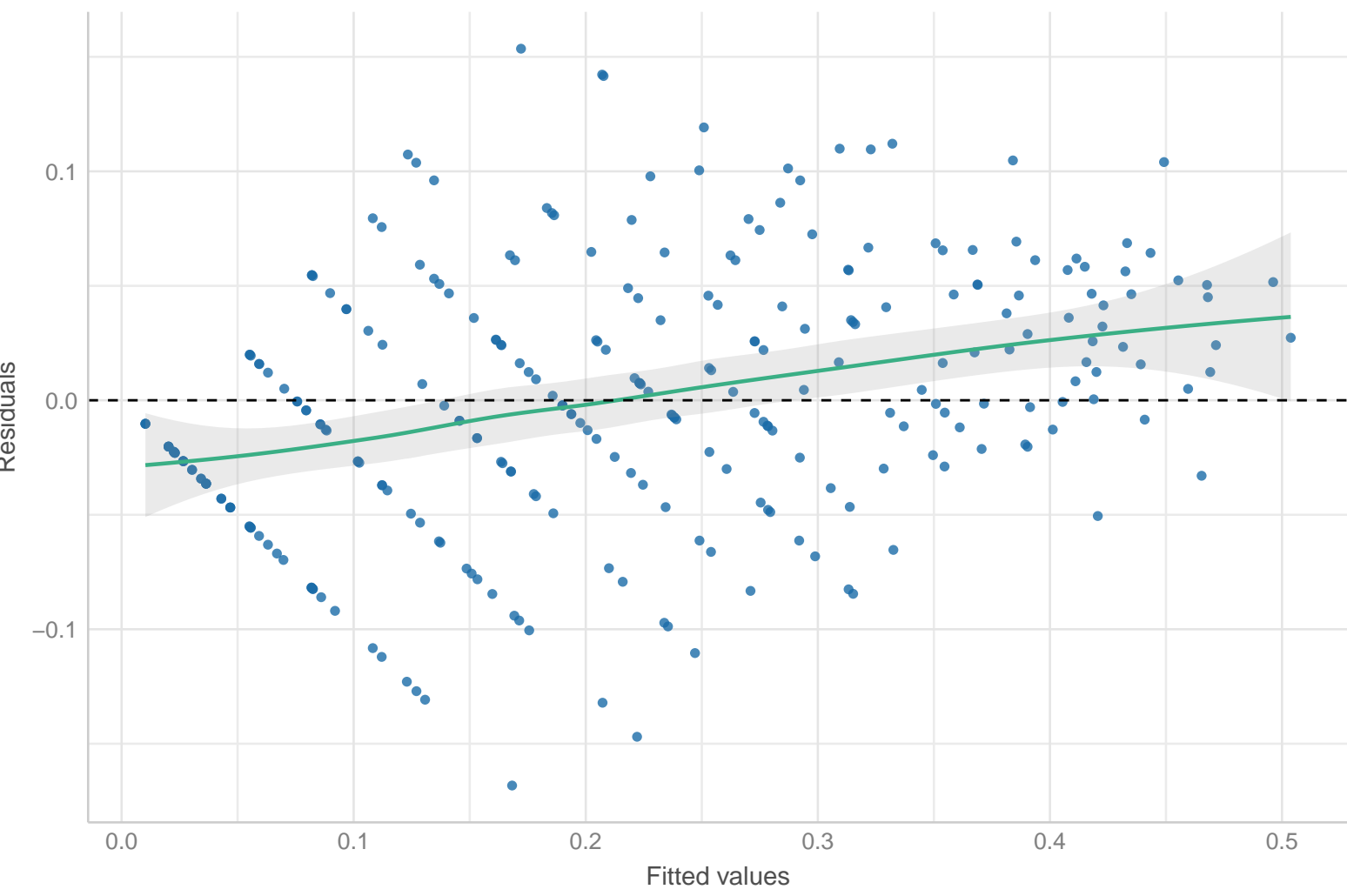
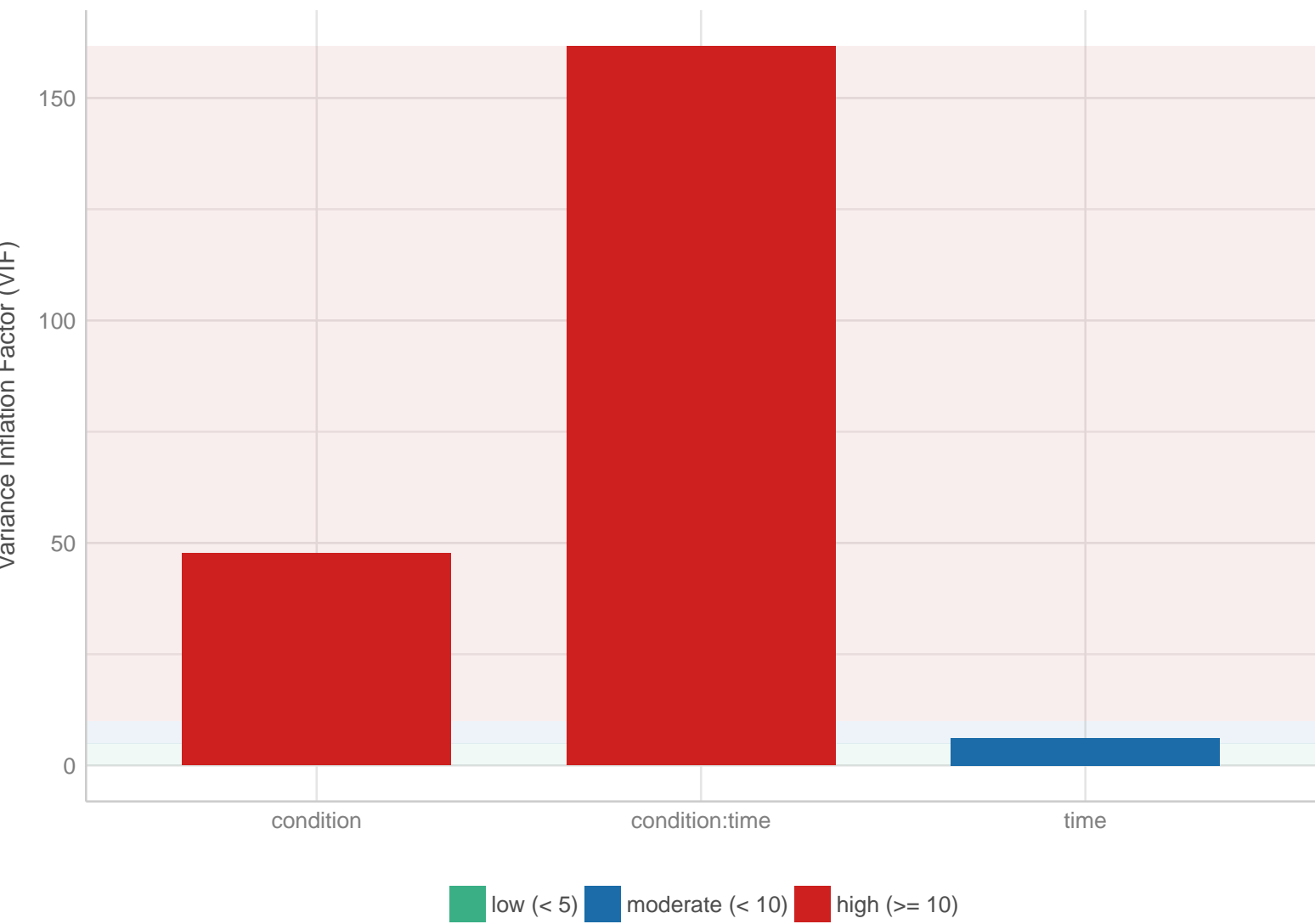


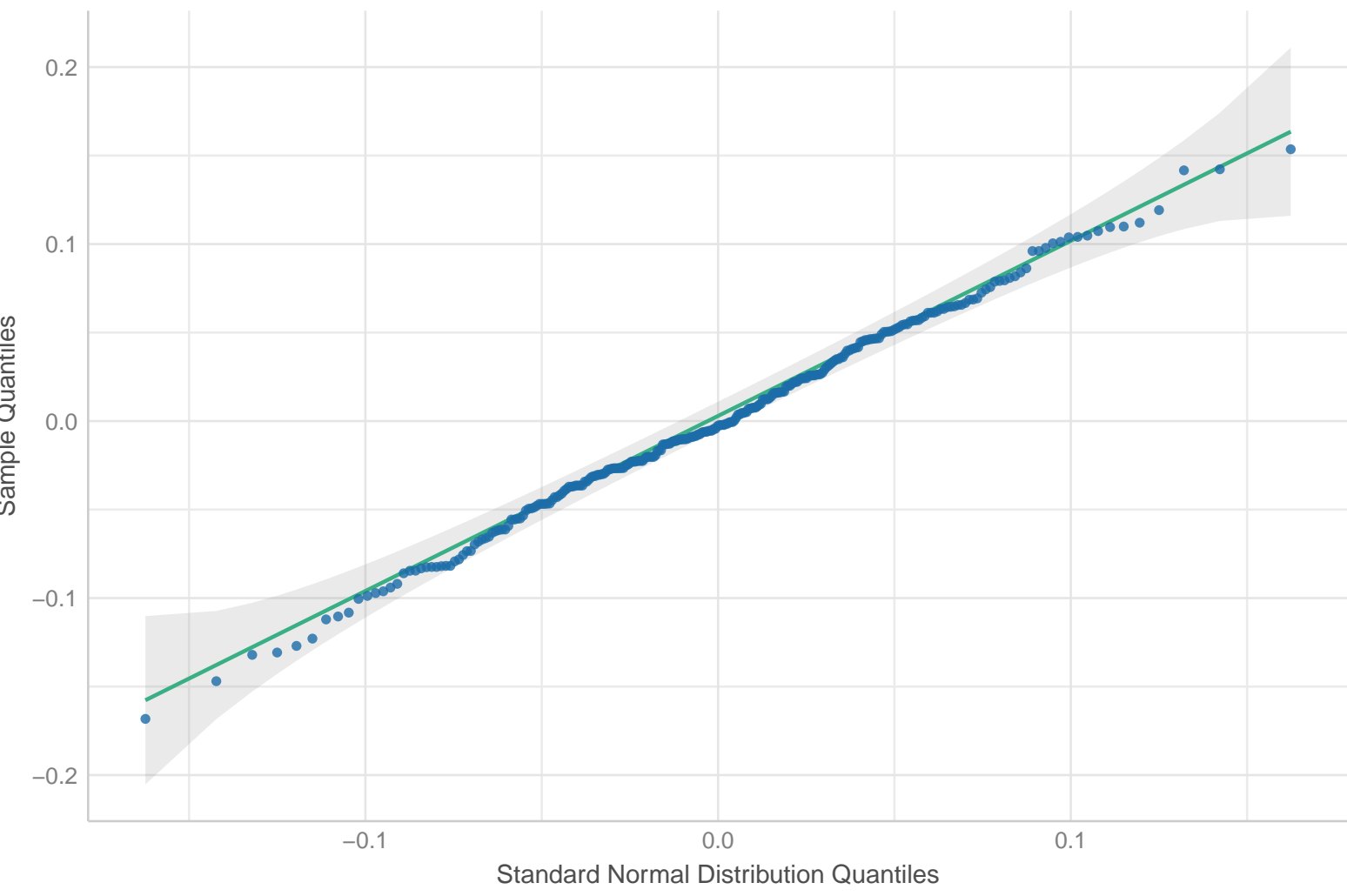
Linearity  
Reference line should be flat and horizontal



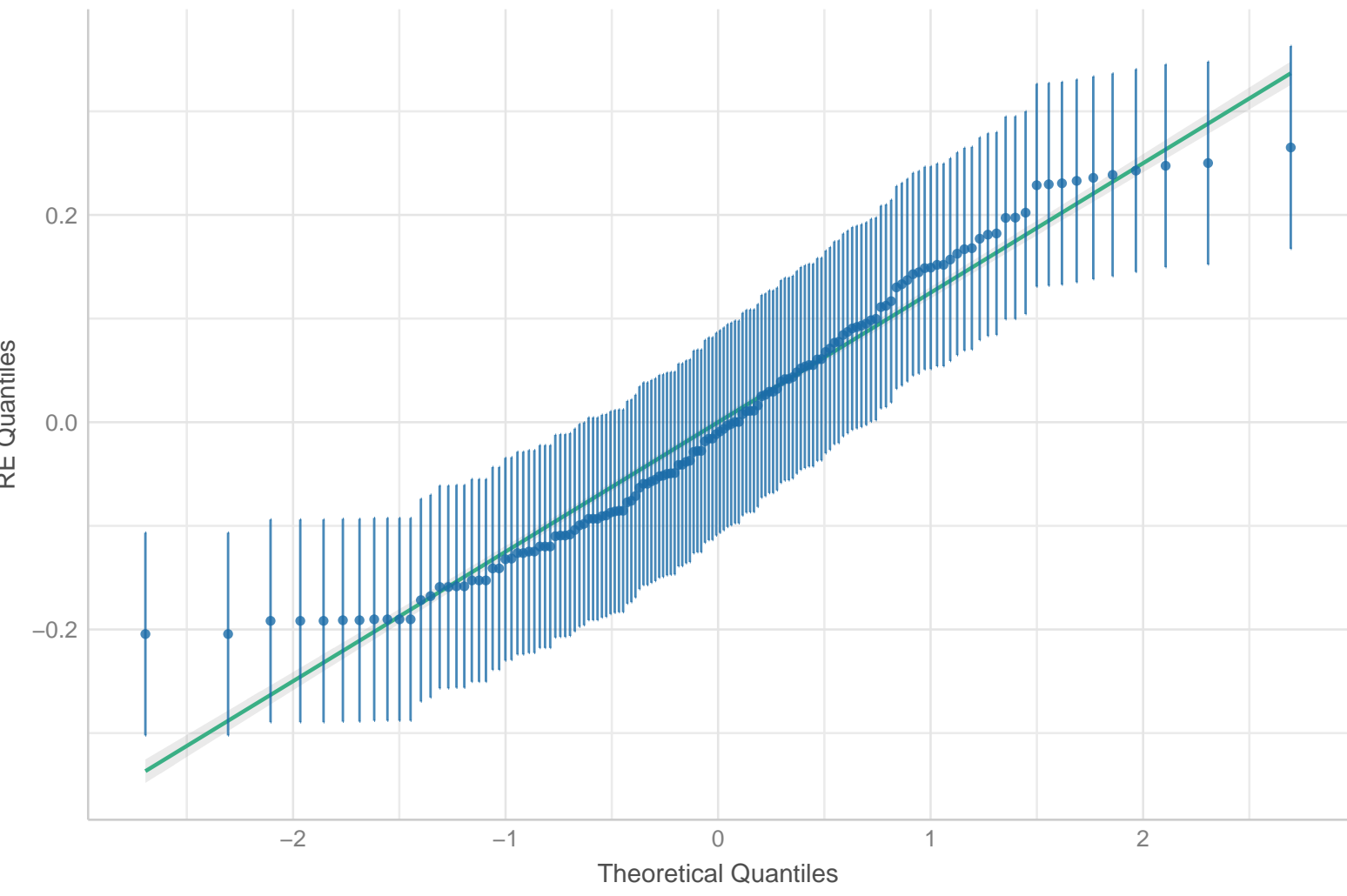
Collinearity  
Higher bars (>5) indicate potential collinearity issues



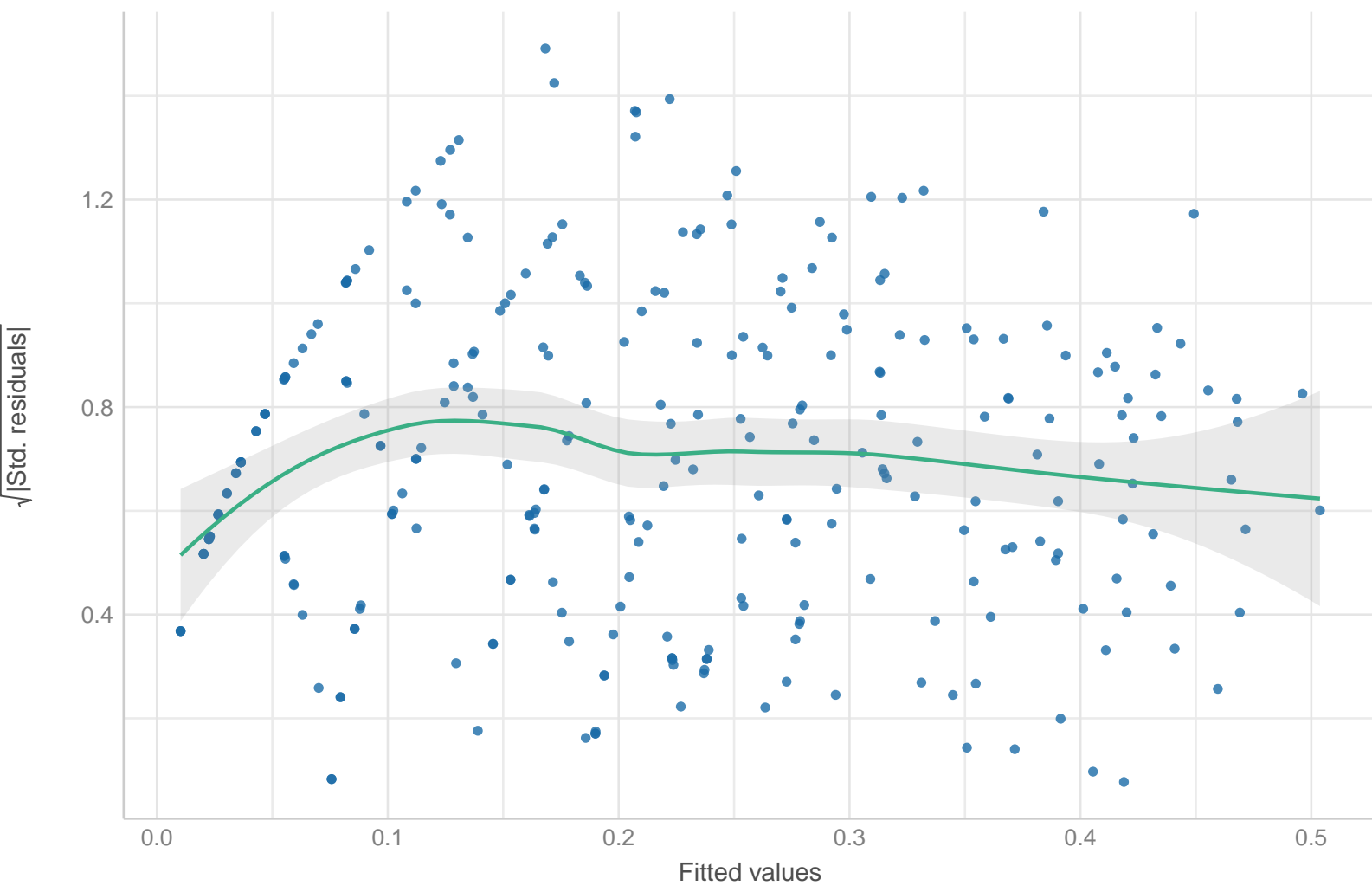
Normality of Residuals  
Dots should fall along the line



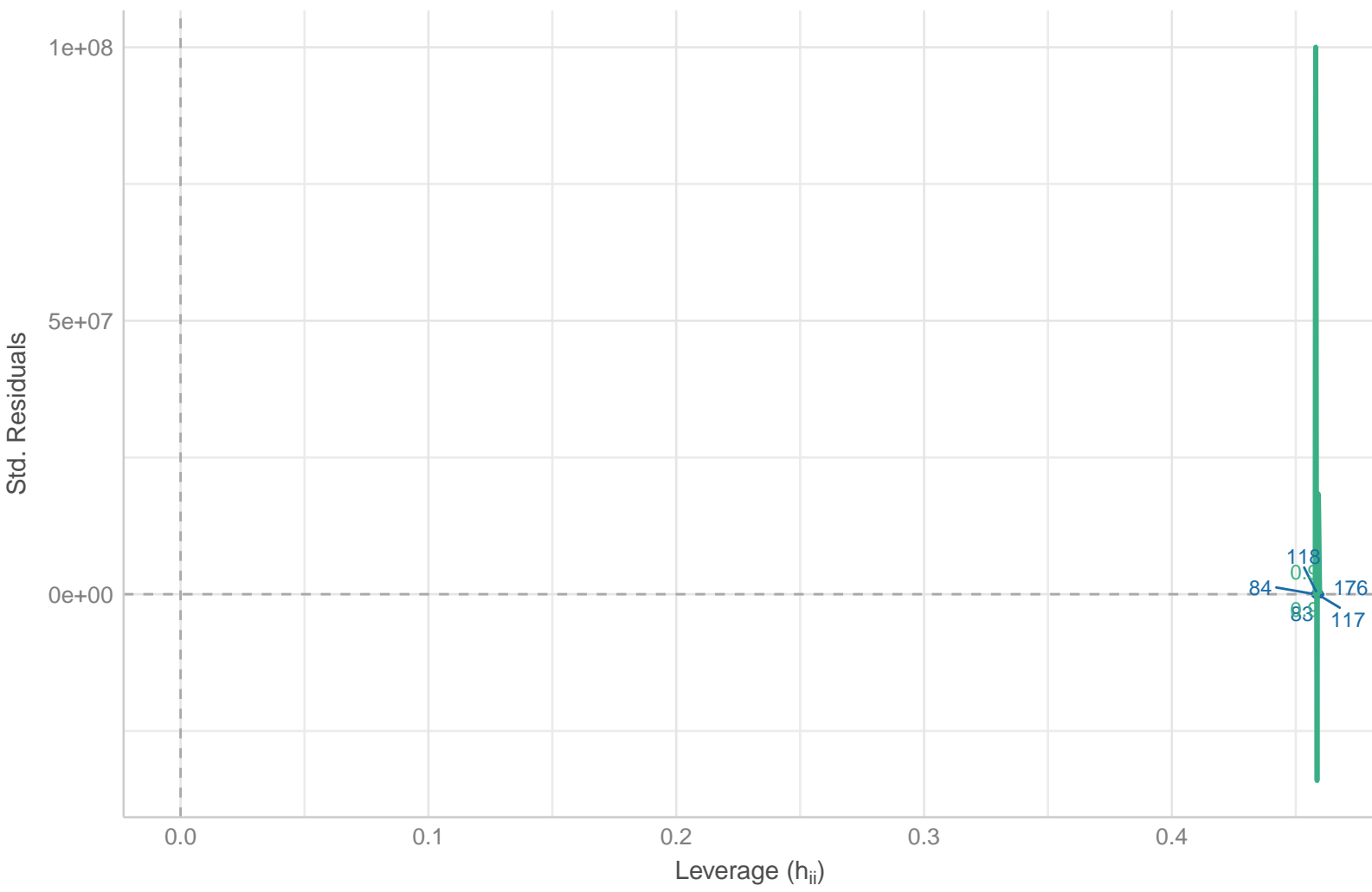
Normality of Random Effects (id)  
Dots should be plotted along the line



Homogeneity of Variance  
Reference line should be flat and horizontal



Influential Observations  
Points should be inside the contour lines



Normality of Residuals  
Distribution should be close to the normal curve

