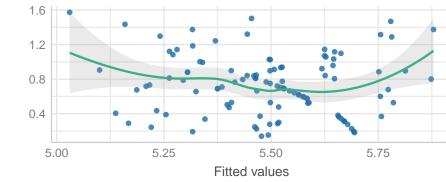
Model-predicted lines should resemble observed data line 0.004 0.003 0.002 0.001 0.000 0 500 1000 1500 2000 log1p(evs_score) - Observed data — Model-predicted data

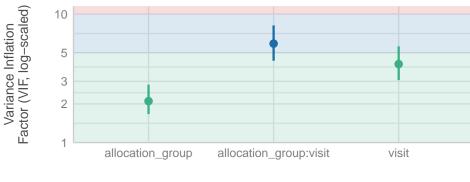
— Observed data — Model-predicted dat Homogeneity of Variance Reference line should be flat and horizontal

Posterior Predictive Check

√|Std. residuals

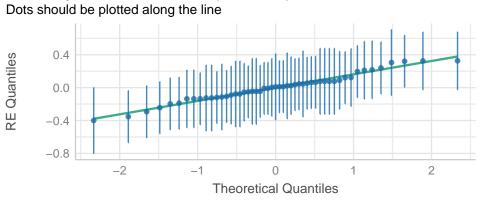


Collinearity High collinearity (VIF) may inflate parameter uncertainty

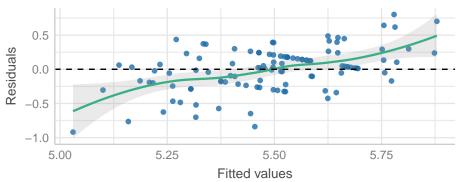




Normality of Random Effects (record_id)

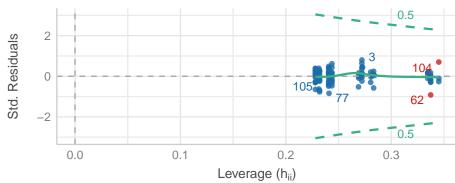


Linearity
Reference line should be flat and horizontal

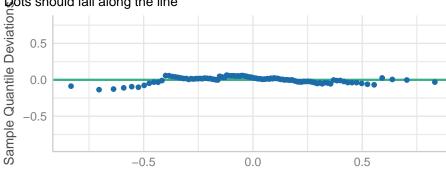


Influential Observations

Points should be inside the contour lines



Normality of Residuals Qots should fall along the line



Standard Normal Distribution Quantiles