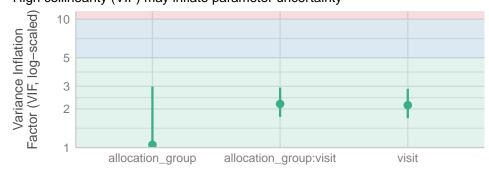
Posterior Predictive Check Model-predicted lines should resemble observed data line 0.06 Density 0.04 0.02 0.00 20 ecap_score Observed data — Model-predicted data Homogeneity of Variance Reference line should be flat and horizontal √|Std. residuals| 1.0 0.5

Collinearity High collinearity (VIF) may inflate parameter uncertainty

10

0

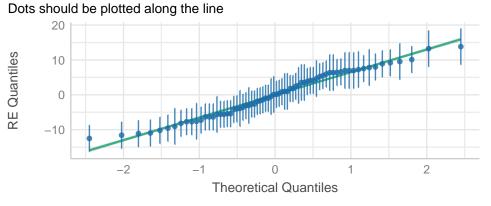


Low (< 5)

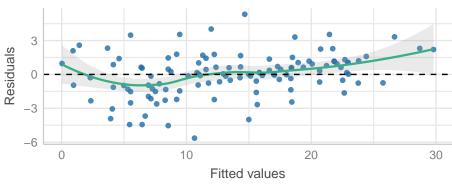
Fitted values

20

Normality of Random Effects (record_id)

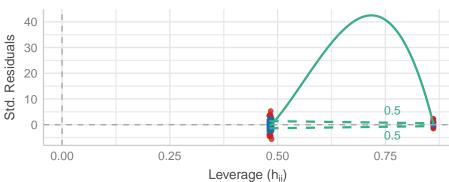


Linearity Reference line should be flat and horizontal



Influential Observations

Points should be inside the contour lines



Normality of Residuals

30

