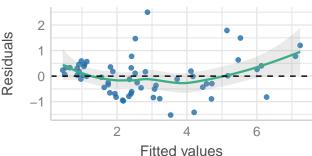
Posterior Predictive Check Model-predicted lines should resemble observed data I Reference line should be flat and horizontal 0.25 0.20 Density 0.15 0.10 0.05

lactate Observed data — Model-predicted data

10

15

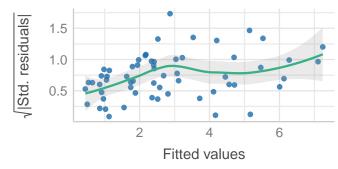
Linearity



Homogeneity of Variance

-10

0.00

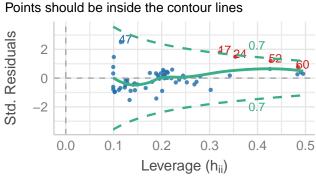


Reference line should be flat and horizontal

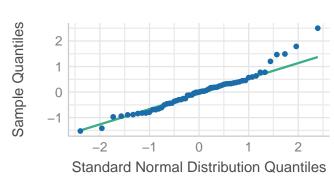
-5

Normality of Random Effects (id)

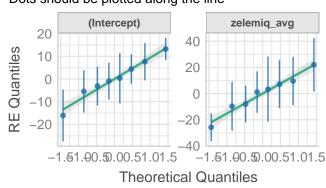
Influential Observations



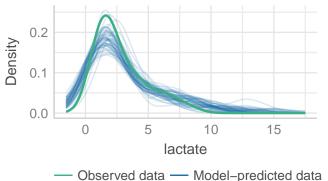
Normality of Residuals Dots should fall along the line



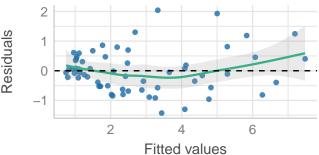




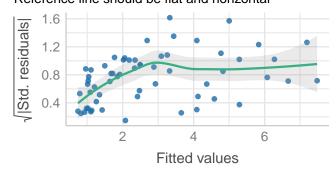
Posterior Predictive Check Model-predicted lines should resemble observed data Reference line should be flat and horizontal



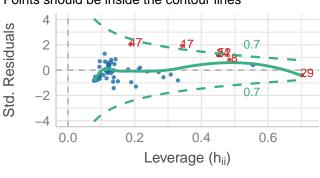
Linearity



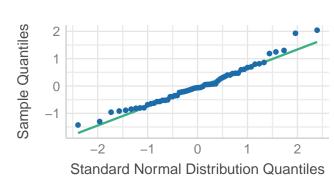
Homogeneity of Variance Reference line should be flat and horizontal



Influential Observations Points should be inside the contour lines



Normality of Residuals Dots should fall along the line



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

