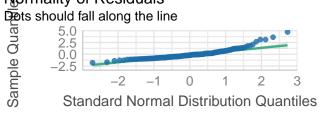
## Posterior Predictive Check Linearity Model-predicted lines should resemble observed d Reference line should be flat and horizontal Density esidua 7.5e+15 5.0e+15 2.5e+15 Ř -5050 100 150 40 44 48 52 item\_q1\_rt Fitted values — Model–predicted data — Observed c Homogeneity of Variance Influential Observations Reference line should be flat and horizontal Roints should be inside the contour lines √|Std. resid∟ 0e+00esid -5e+13-1e+1431 Std. 52 40 44 48 0.000 0.005 0.010 0.015

Leverage (h<sub>ii</sub>)

## Mormality of Residuals



Fitted values