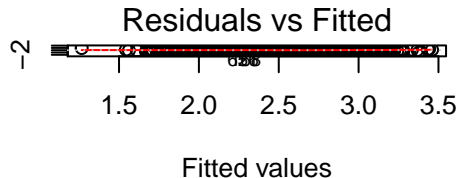
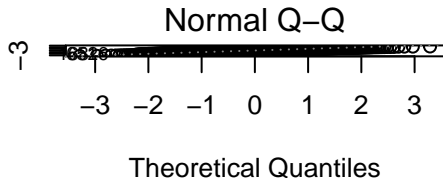


Diagnostics for GPA model with SATV and SATM

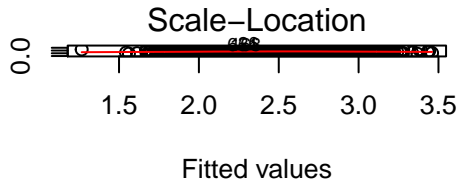
Residuals



Standardized residuals



$\sqrt{|\text{Standardized residuals}|}$



Standardized residuals

