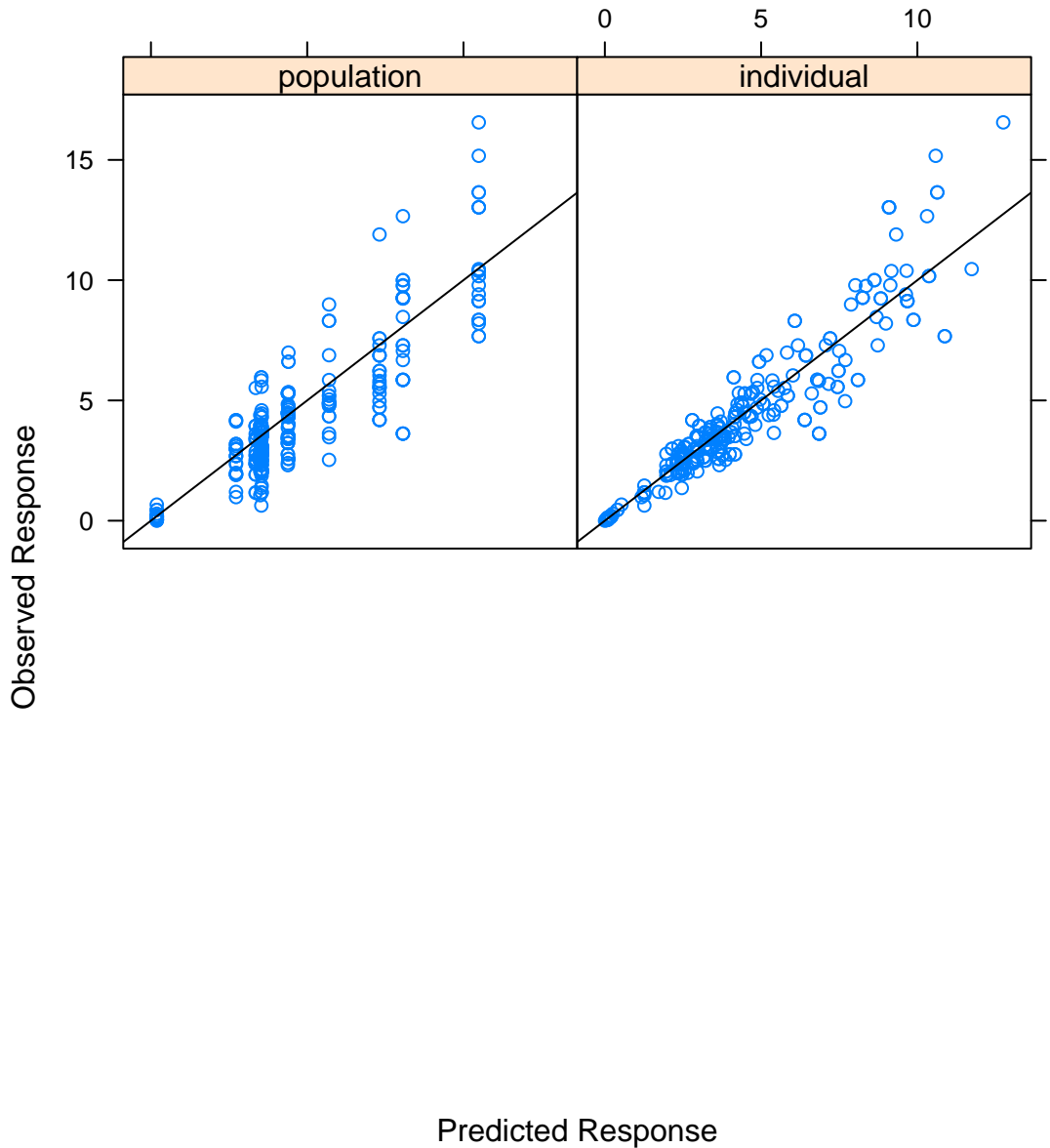


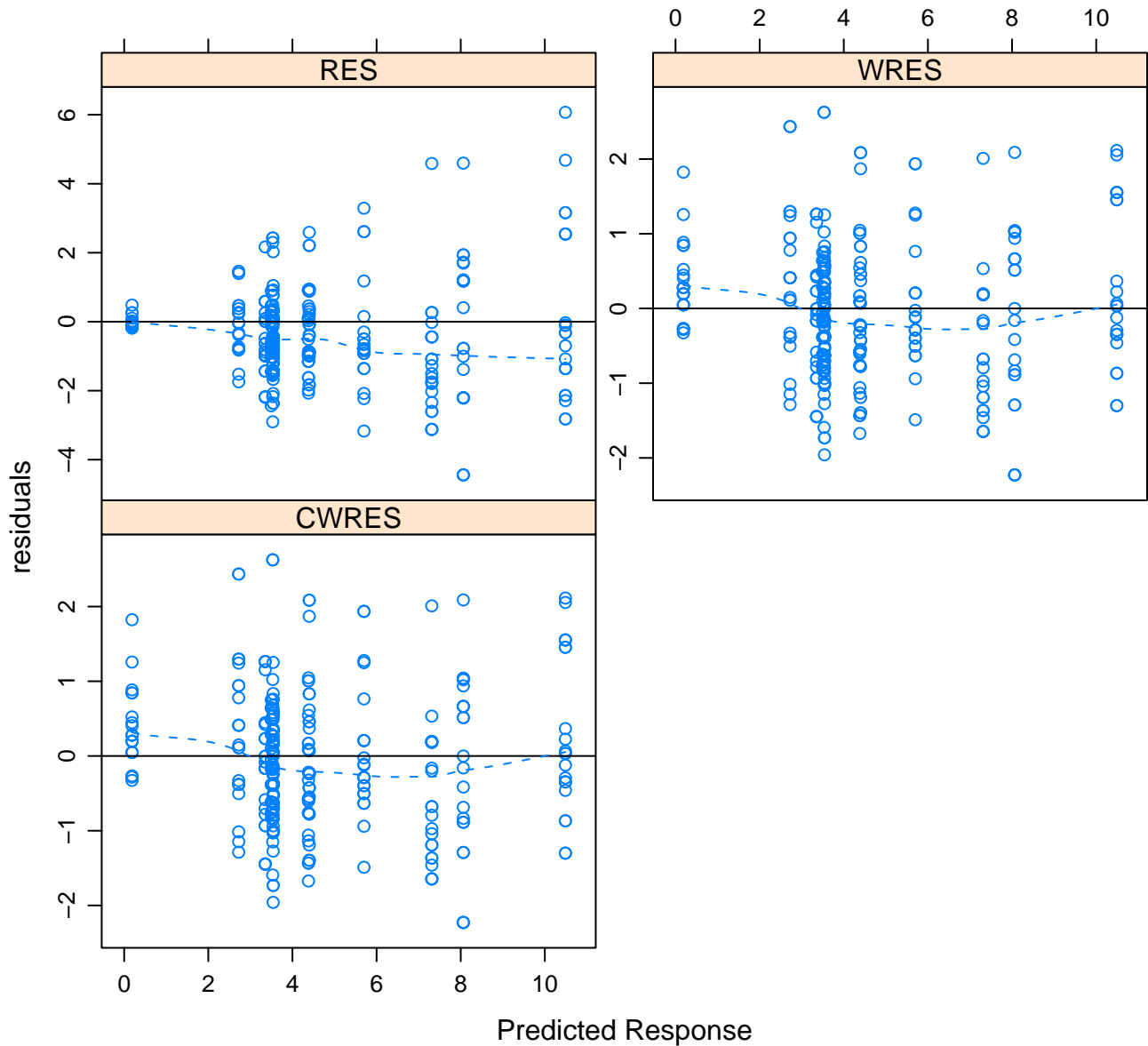
Model 1003

Observed vs. Predicted for female data



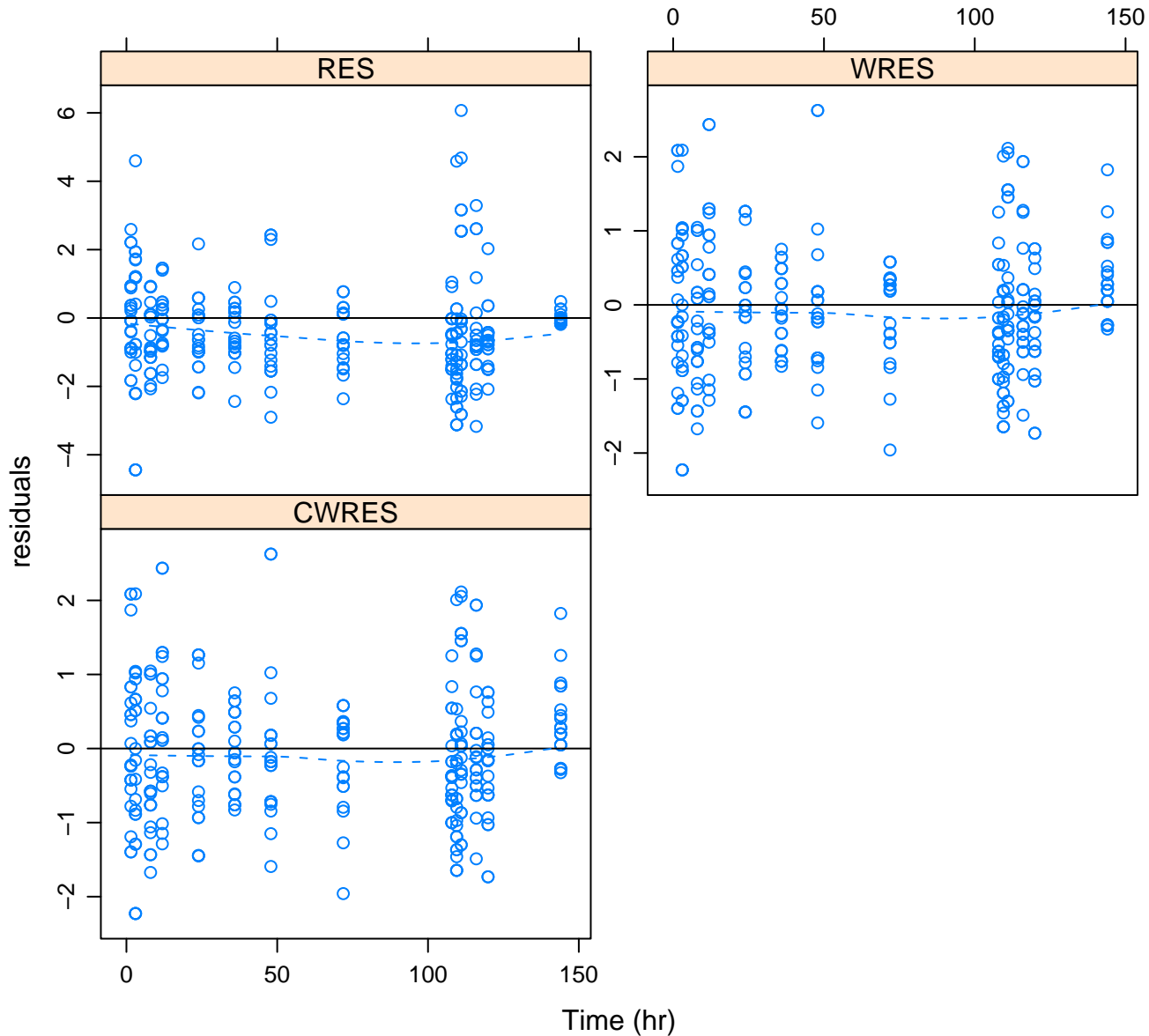
Model 1003

Residuals vs. Predicted for female data



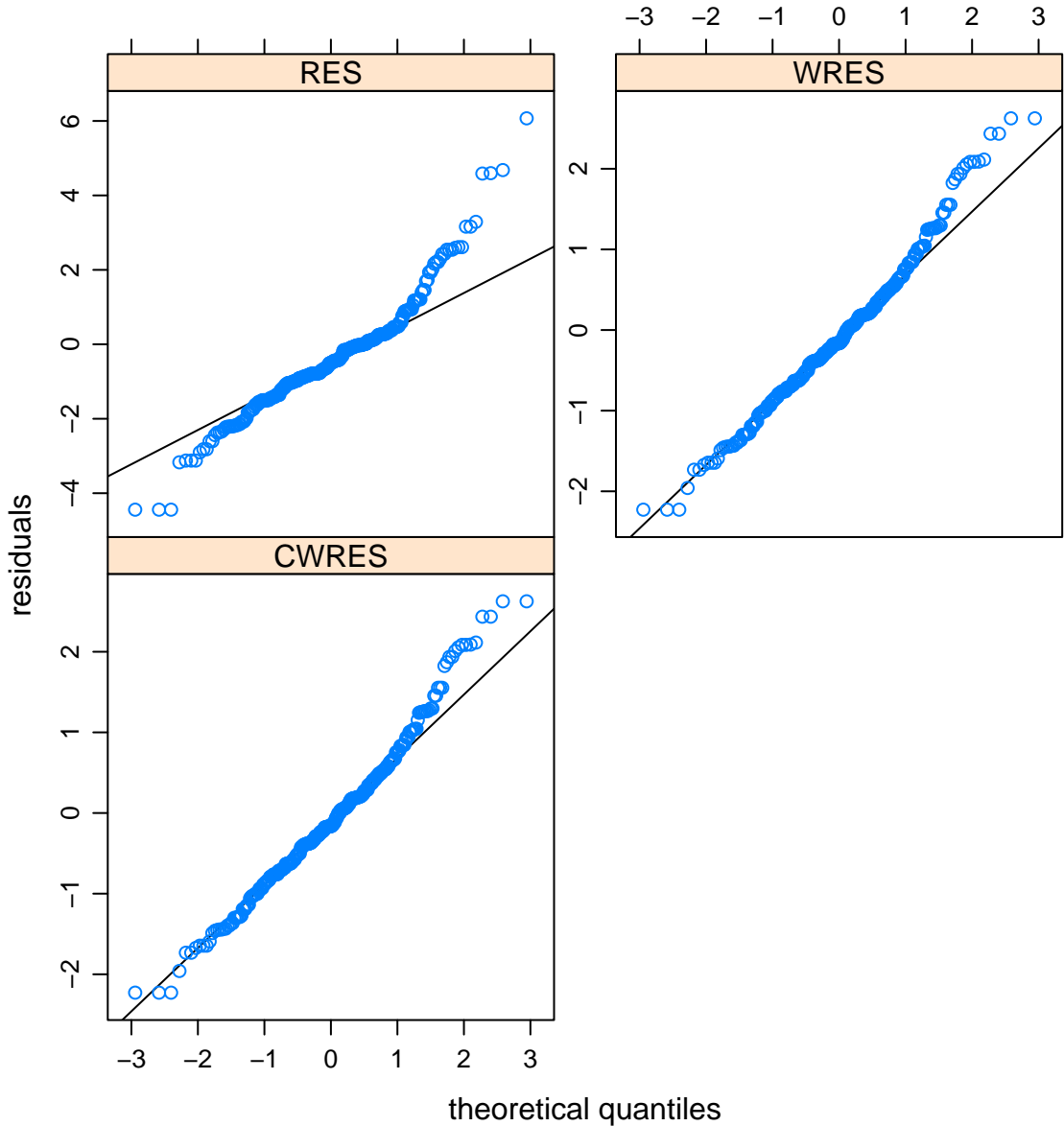
Model 1003

Residuals vs. Time for female data



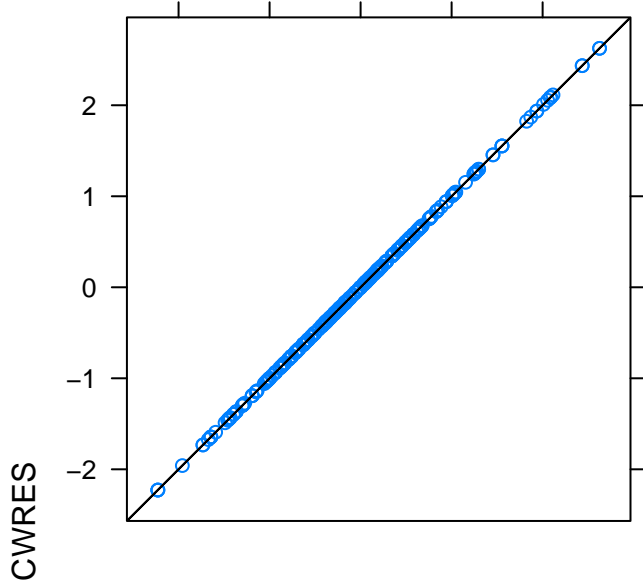
Model 1003

Normal Q-Q Plot Residuals for female data



Model 1003

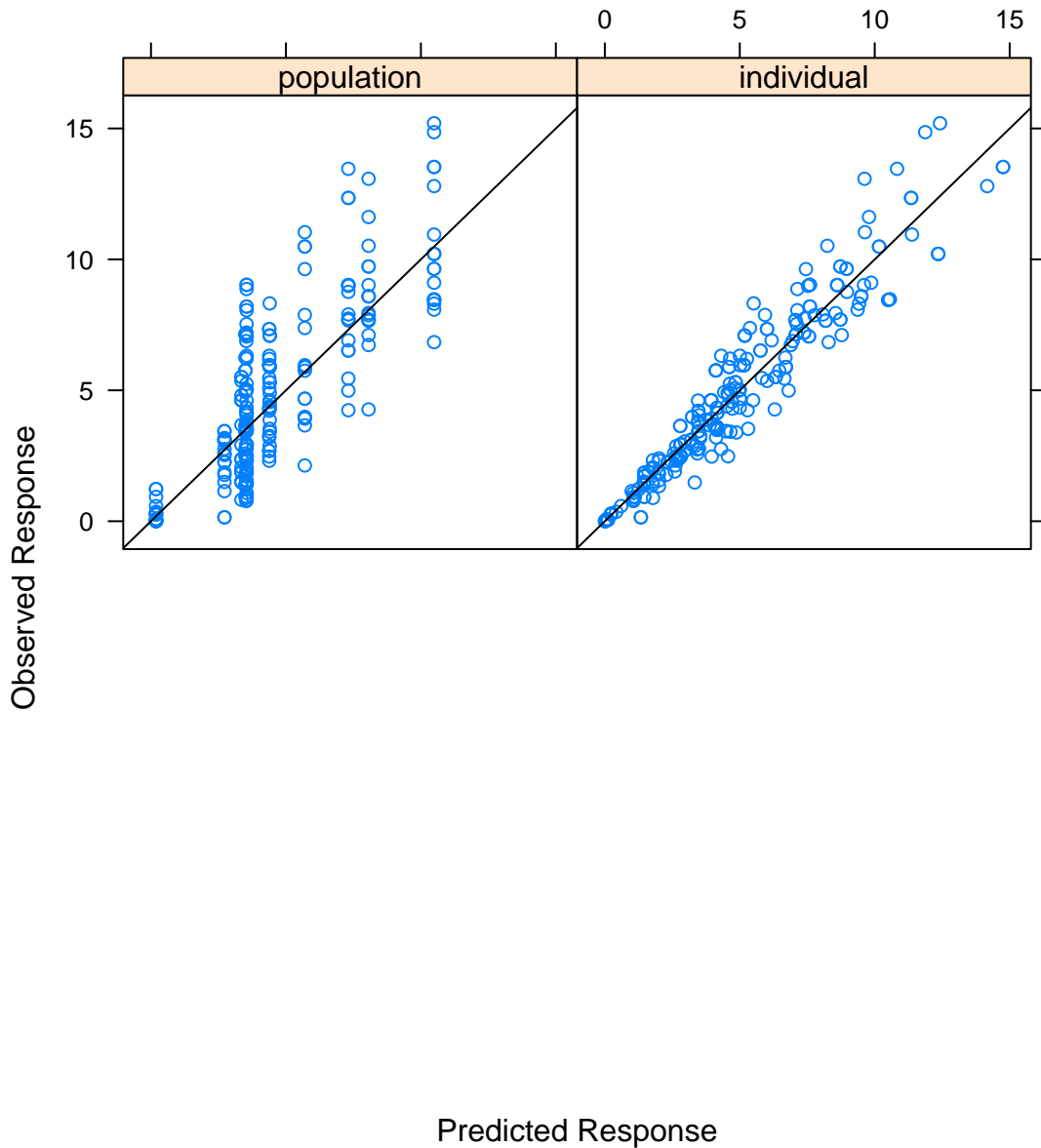
Q-Q Plot of CWRES vs. WRES for female data



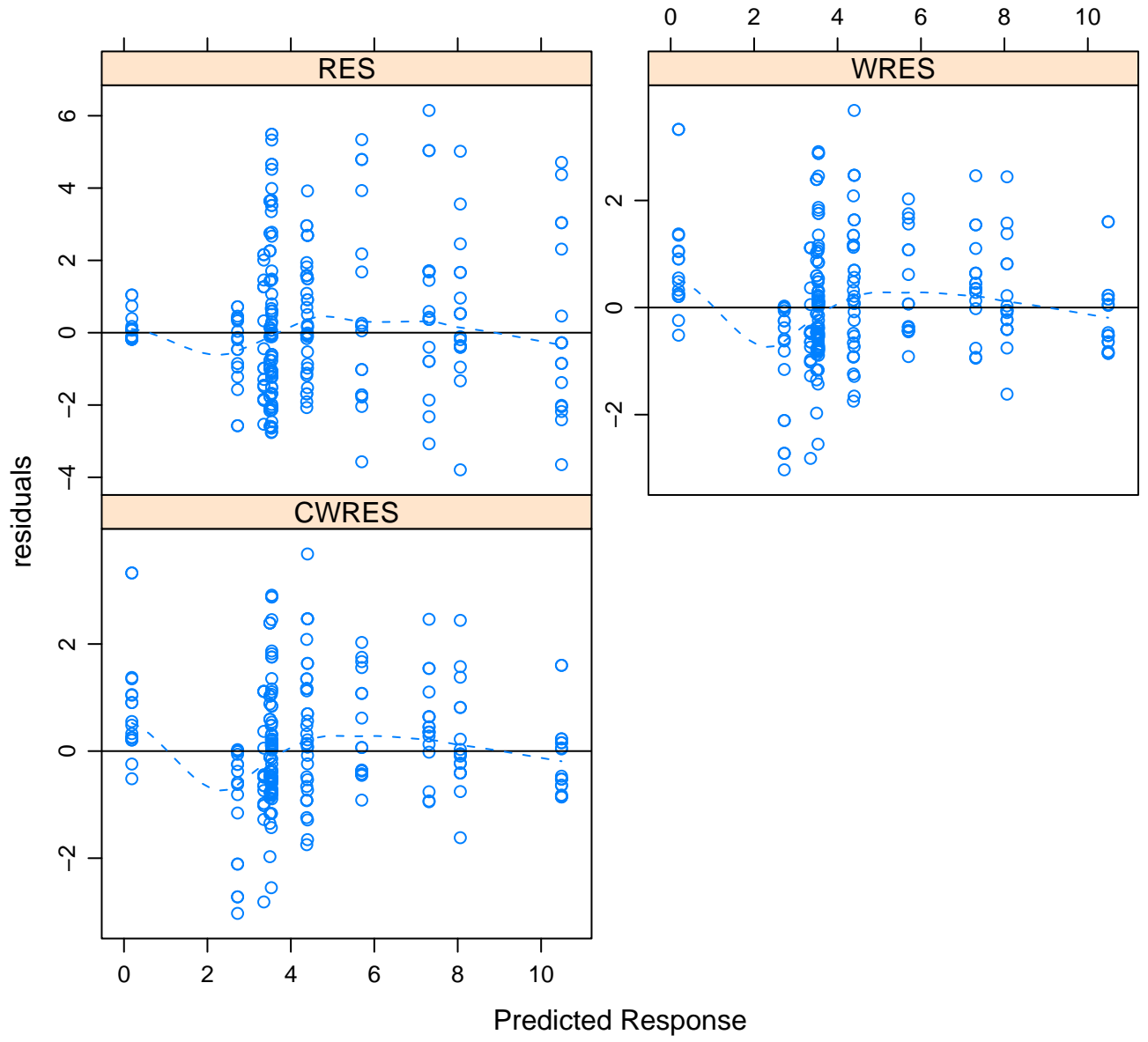
WRES

Model 1003

Observed vs. Predicted for male data

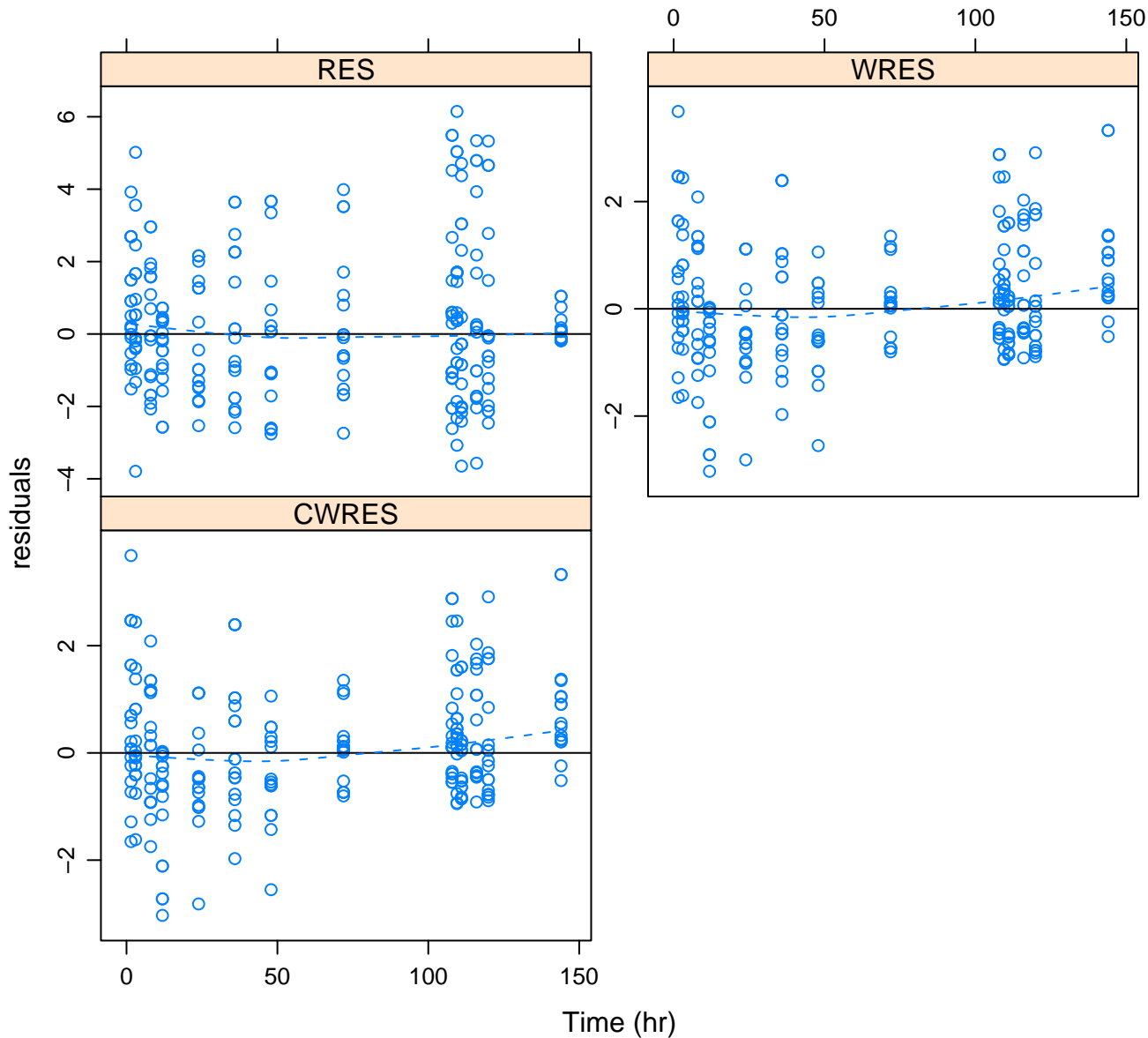


Model 1003
Residuals vs. Predicted for male data



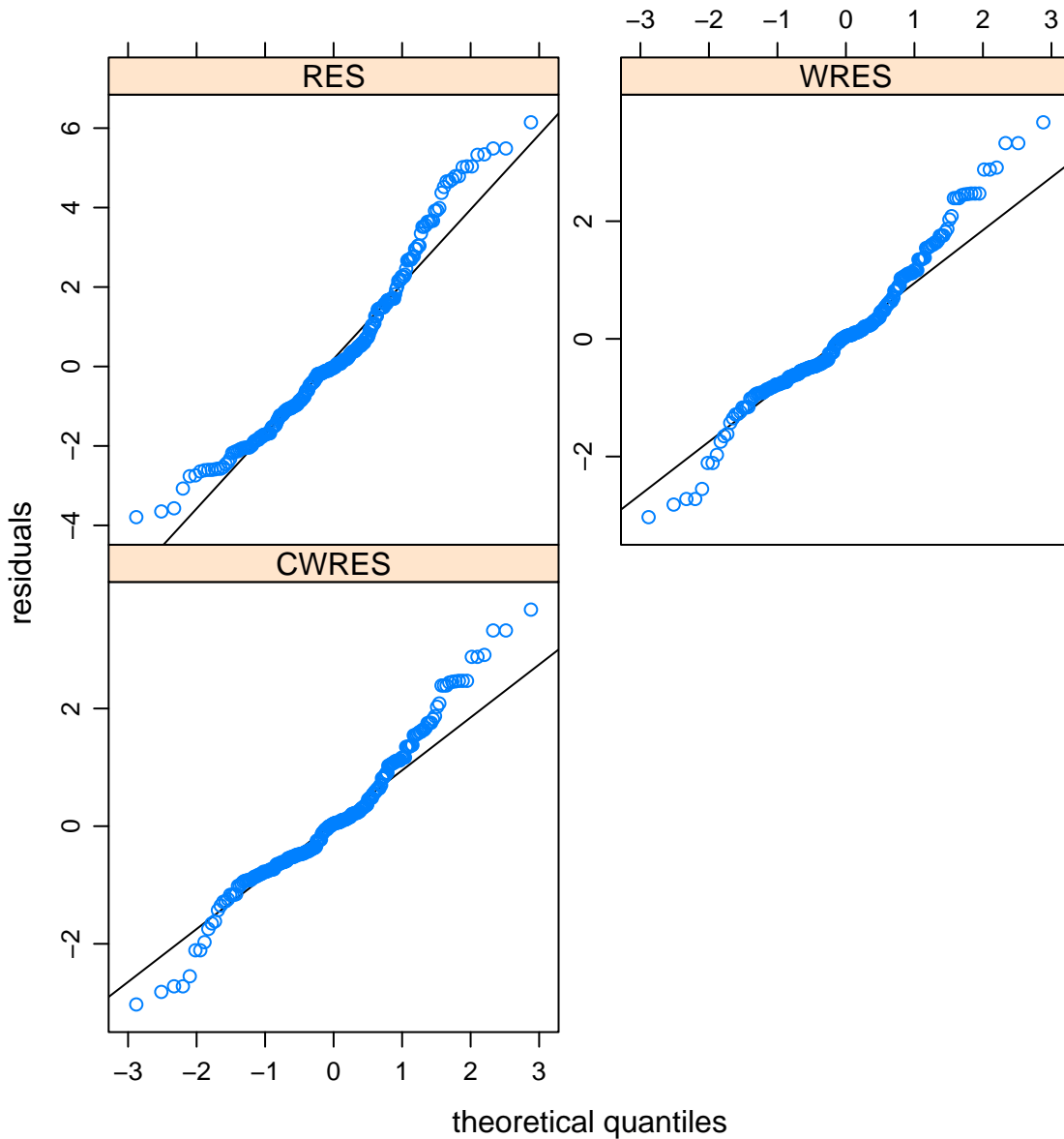
Model 1003

Residuals vs. Time for male data



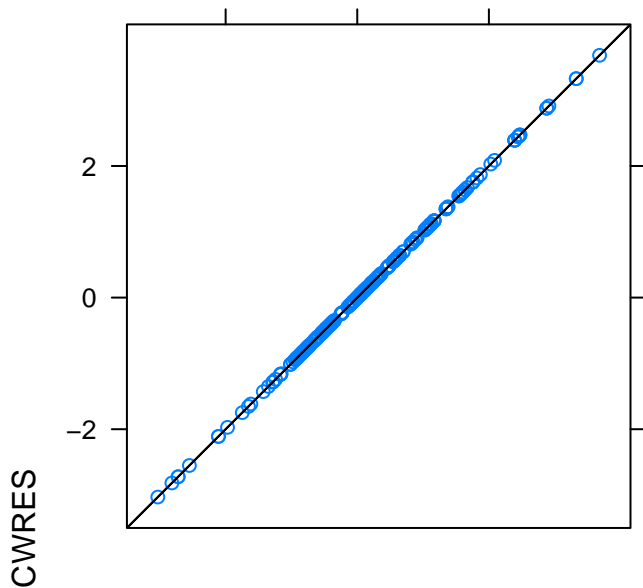
Model 1003

Normal Q-Q Plot Residuals for male data

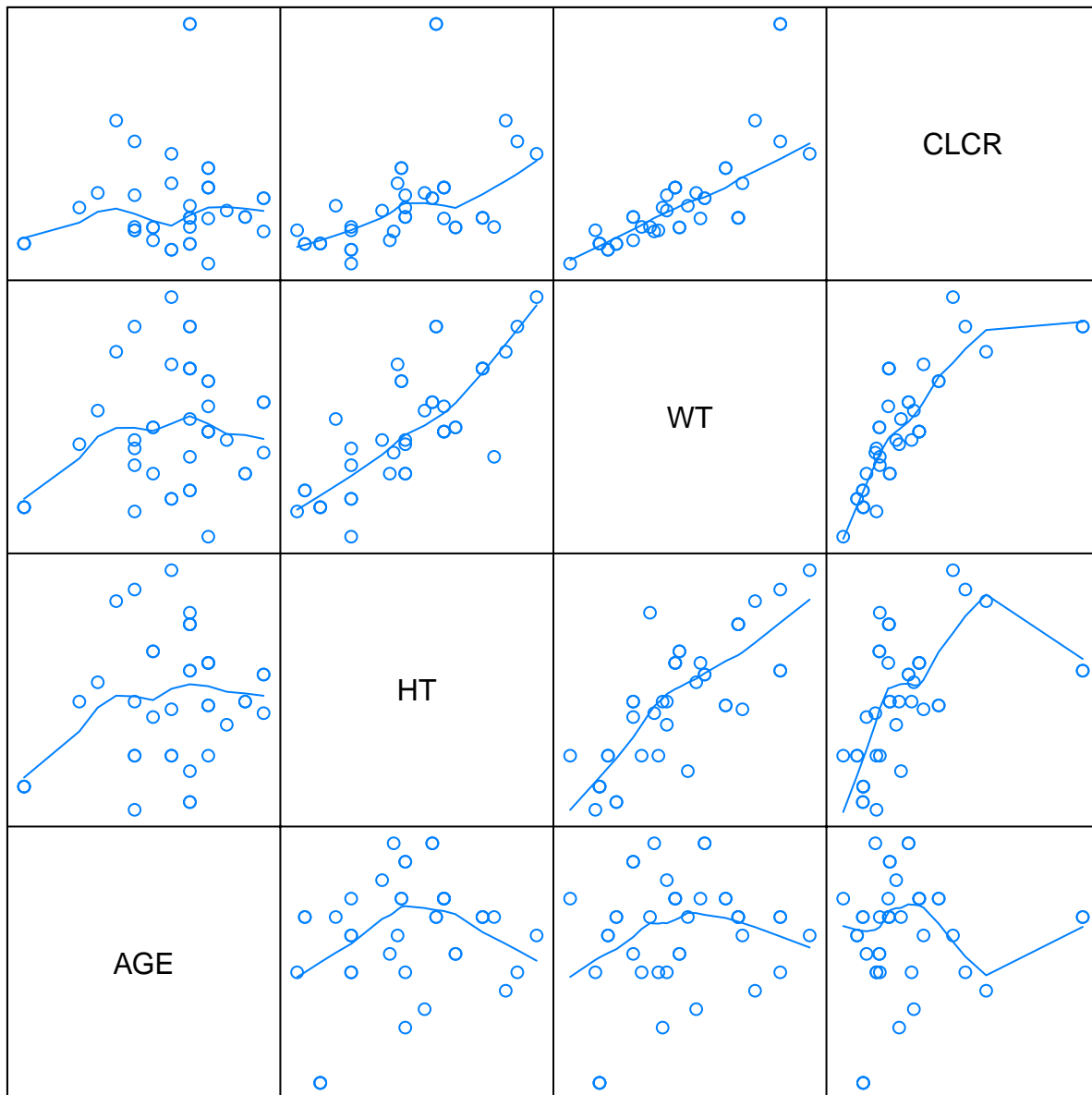


Model 1003

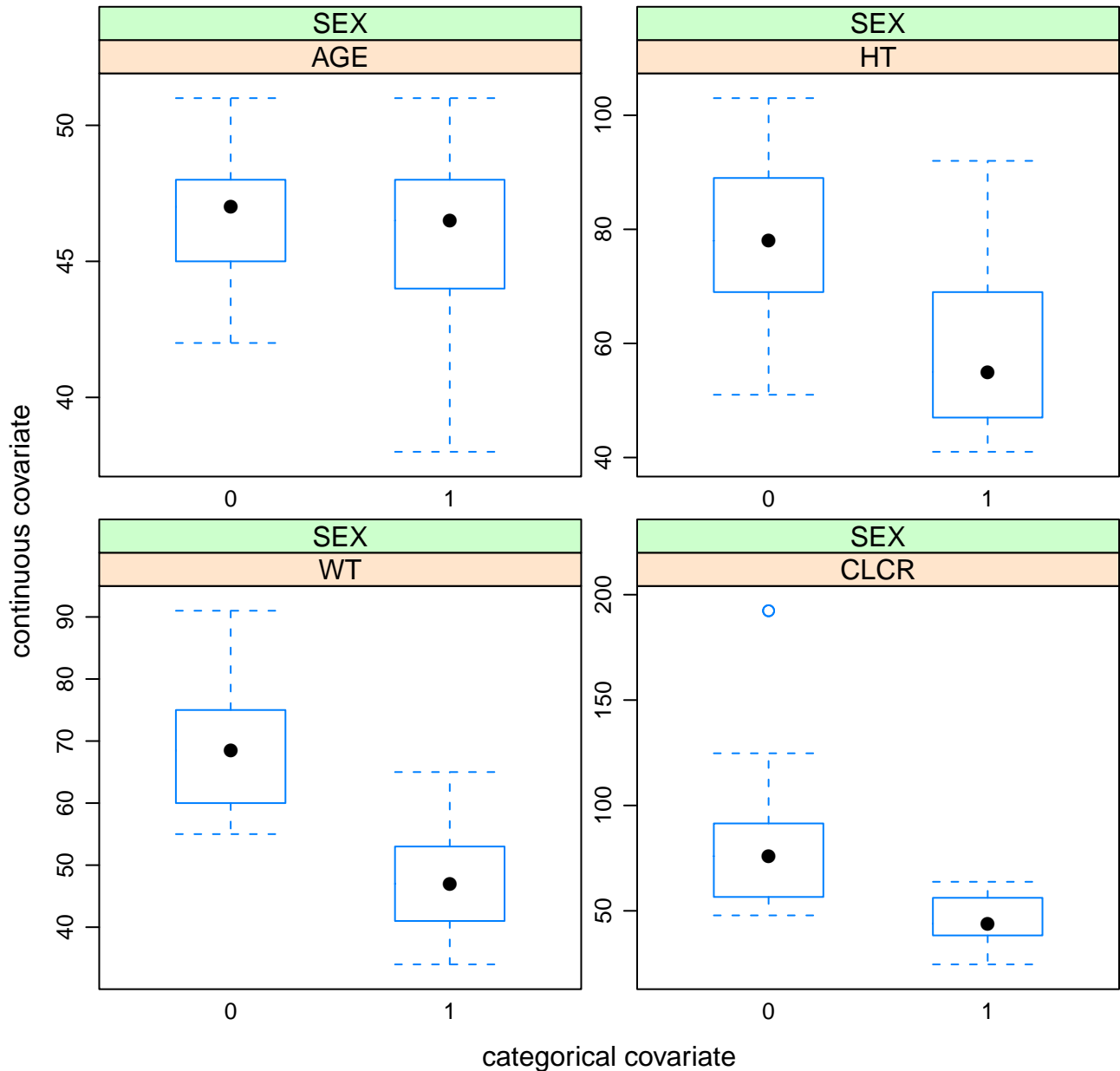
Q-Q Plot of CWRES vs. WRES for male data



Covariate Scatterplots



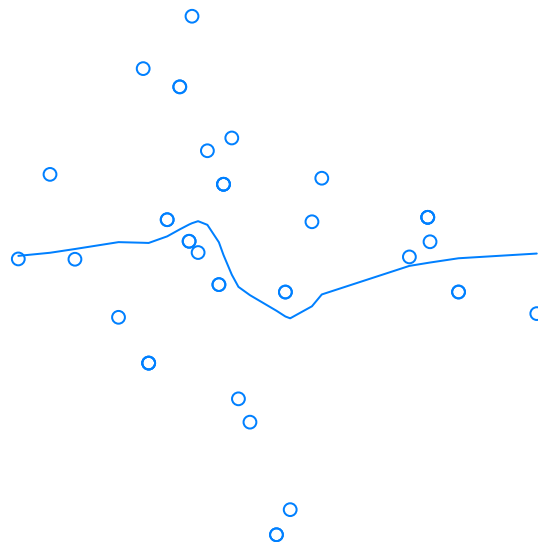
Continuous Covariates vs. Categorical Covariates



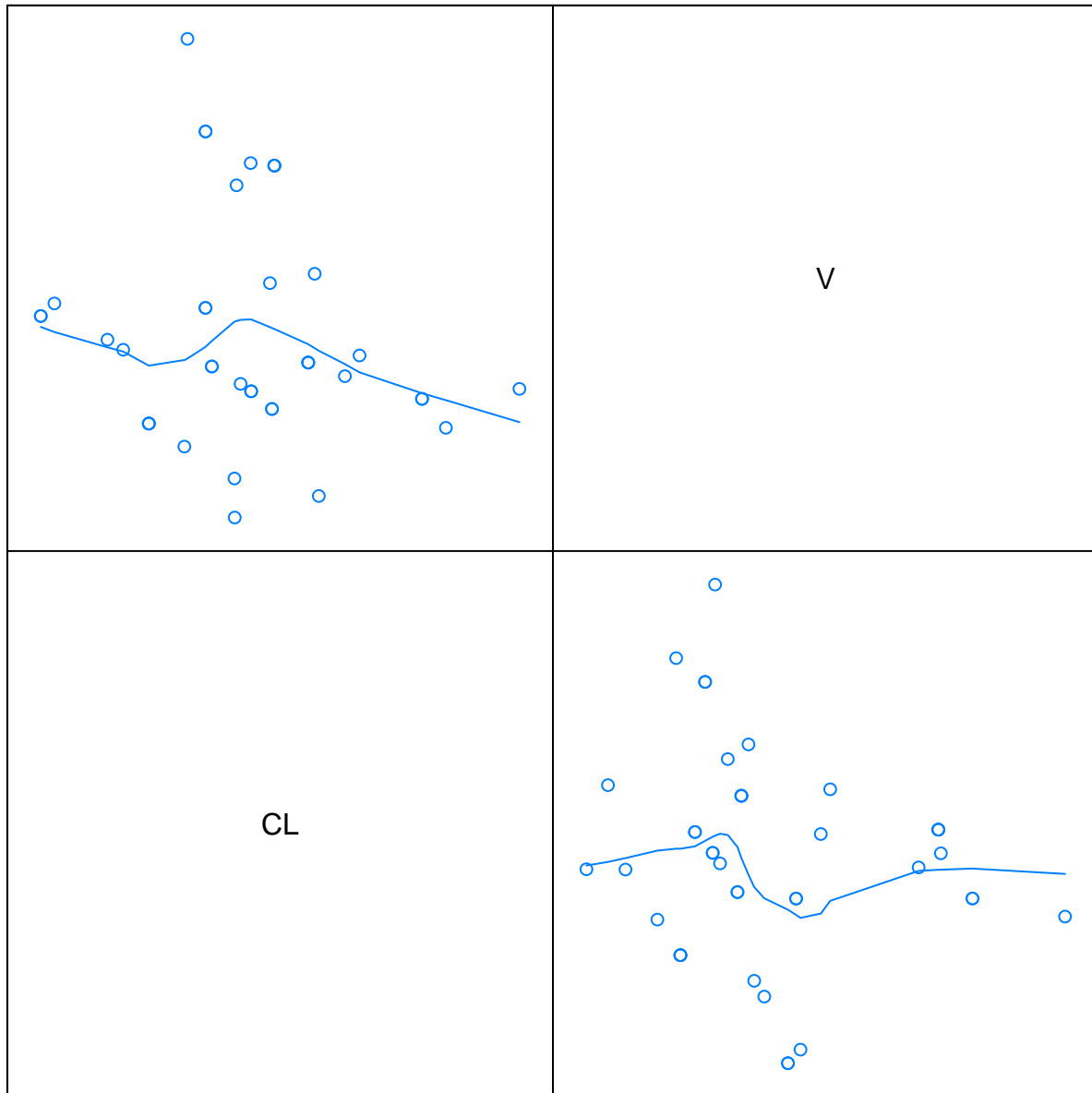
ETA Scatterplots

ETA2

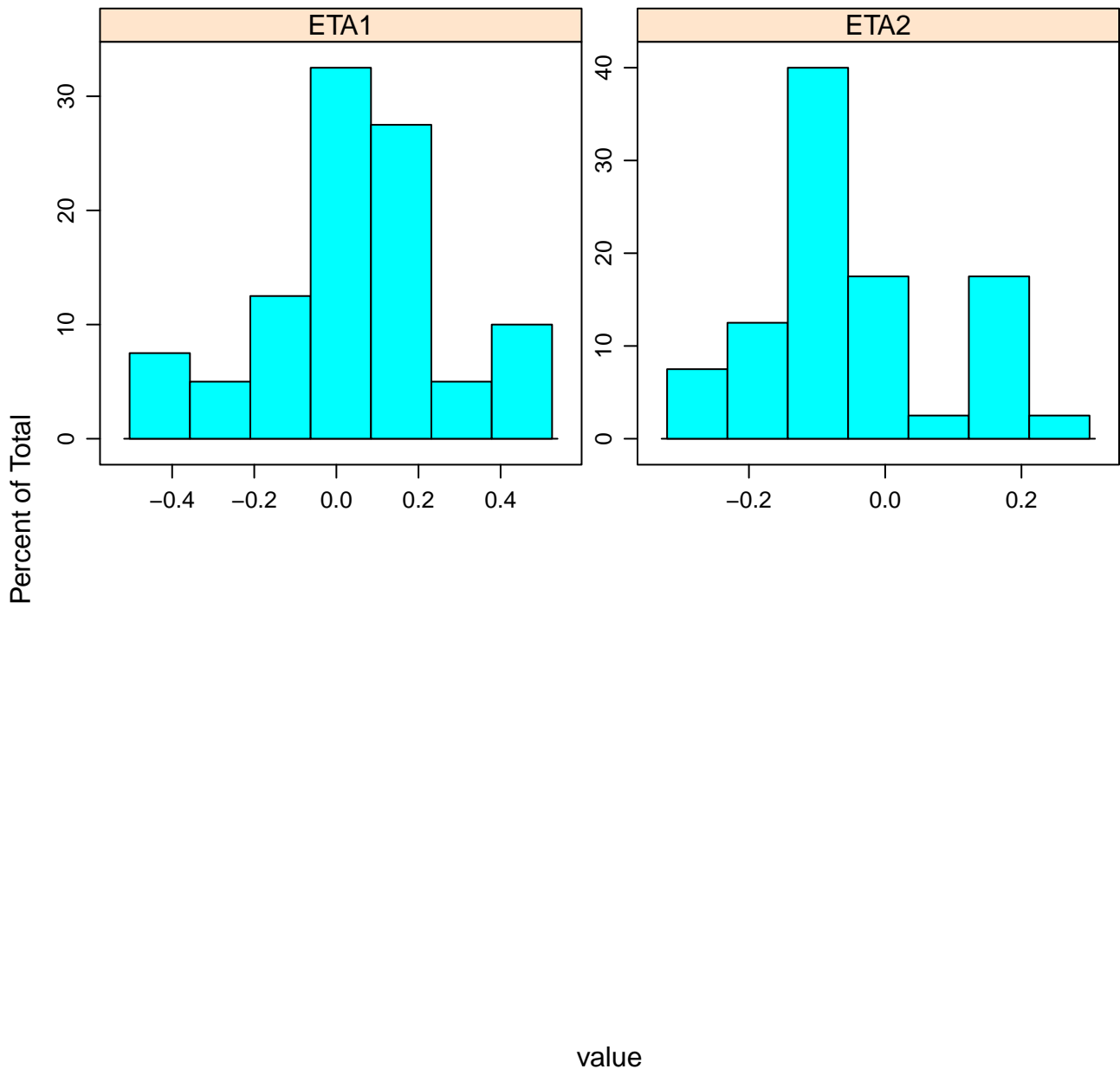
ETA1



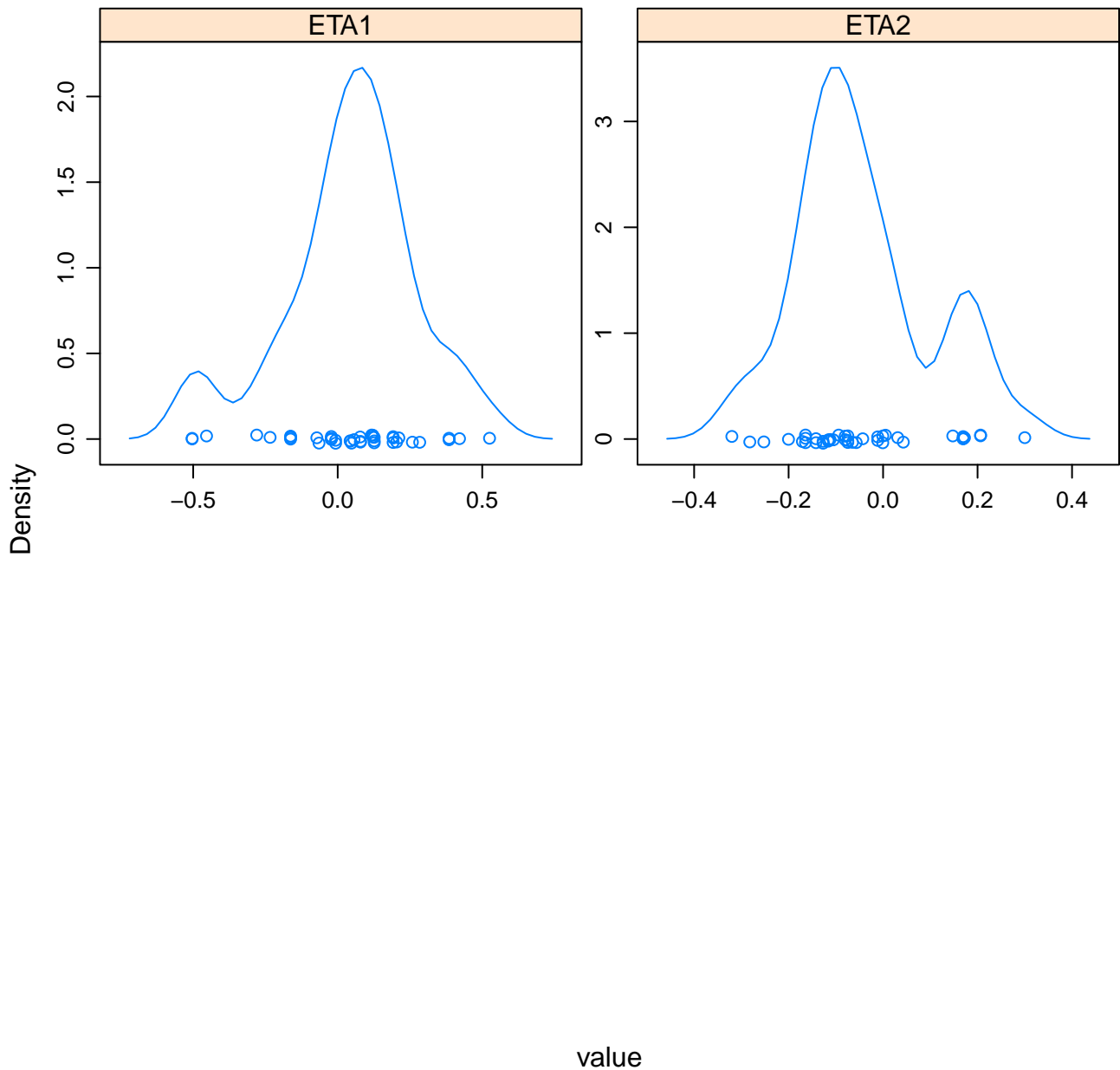
Parameter Scatterplots



Histograms of Etas

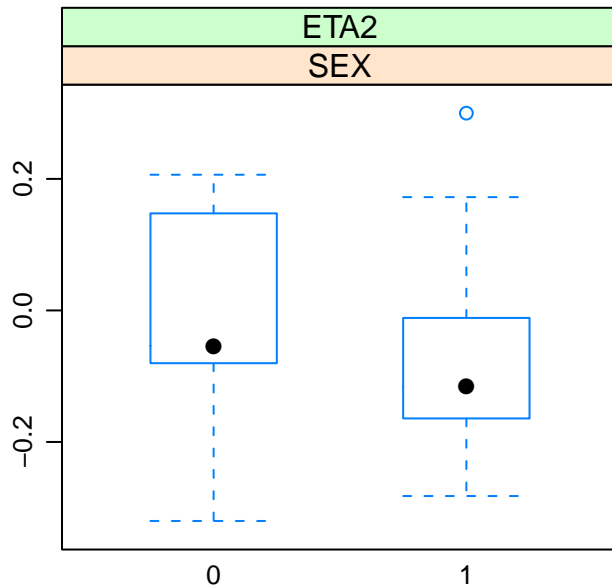
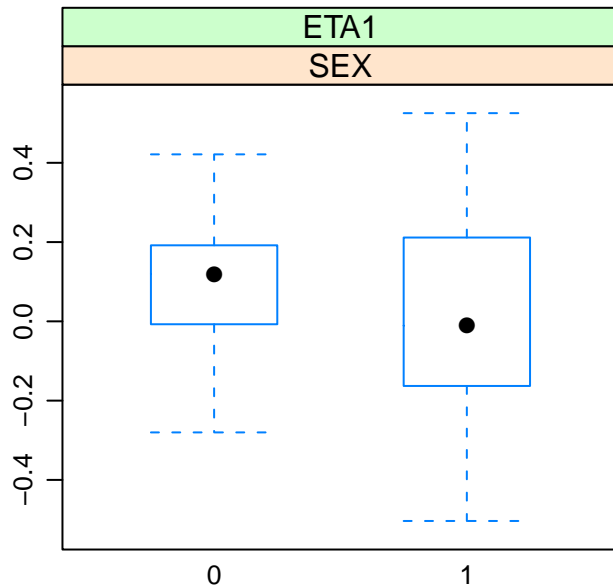


Density of Etas



Boxplots of Etas by Categorical Covariate

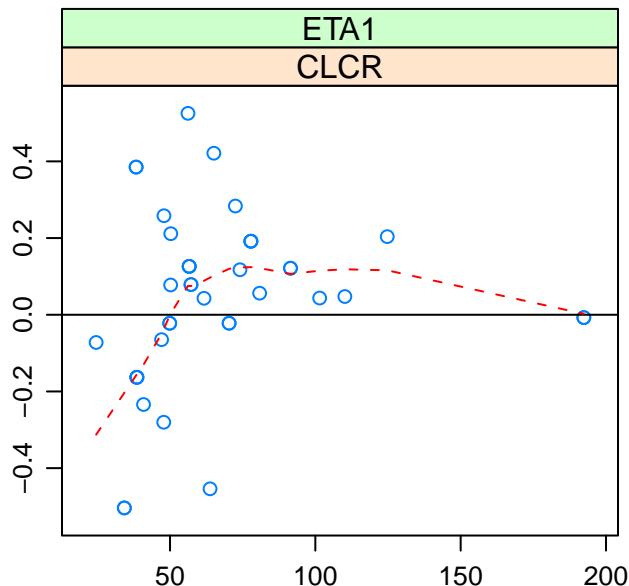
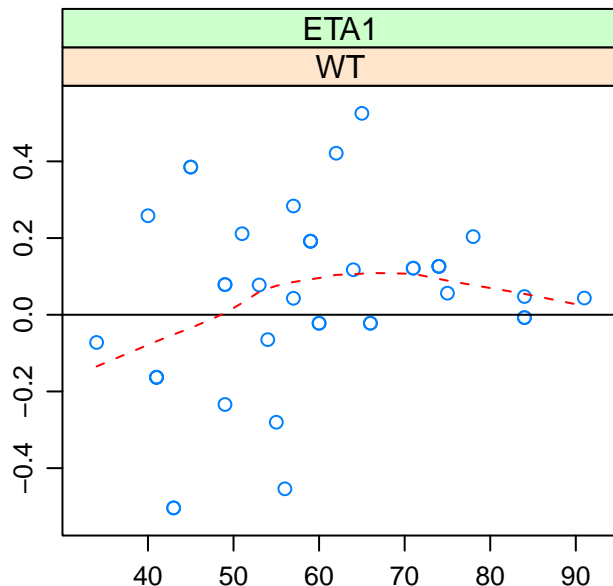
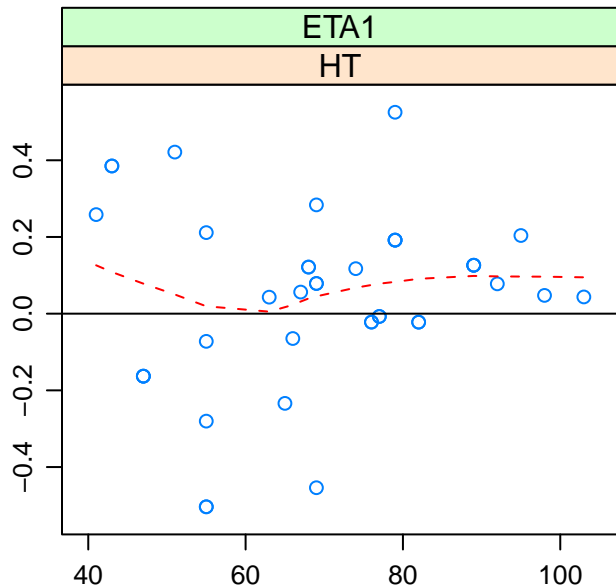
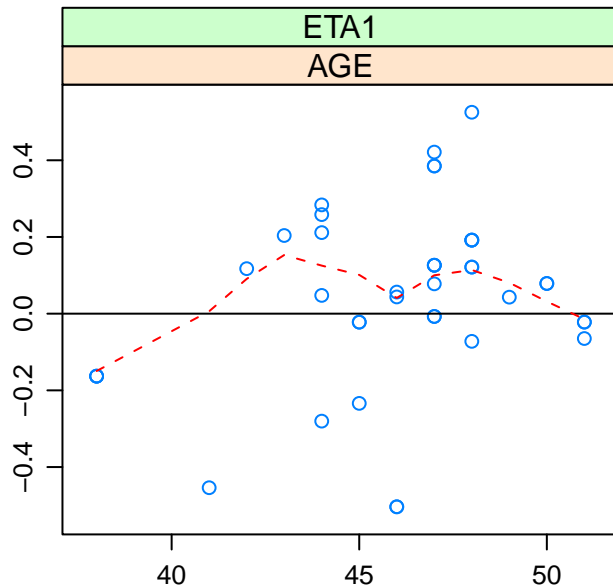
ETA



categorical covariate level

Etas vs. Continuous Covariates

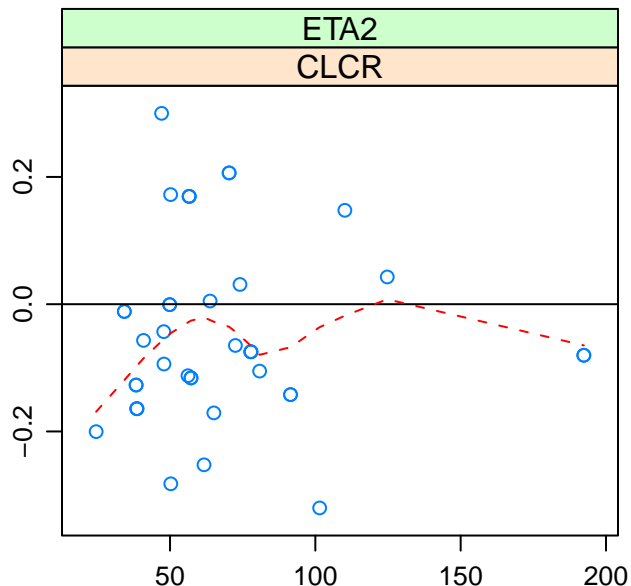
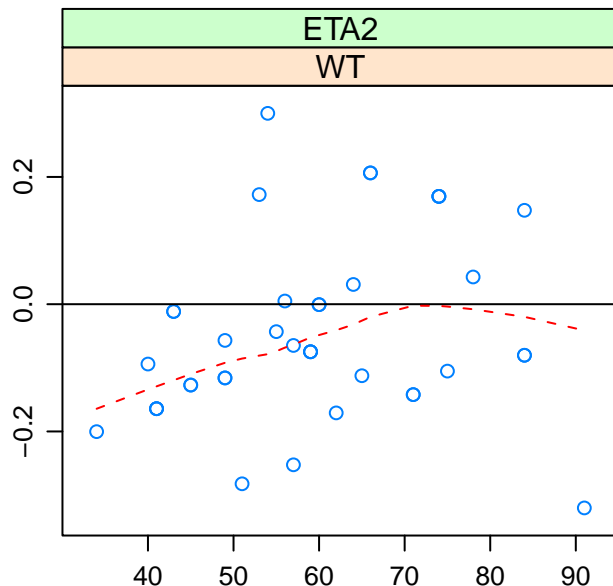
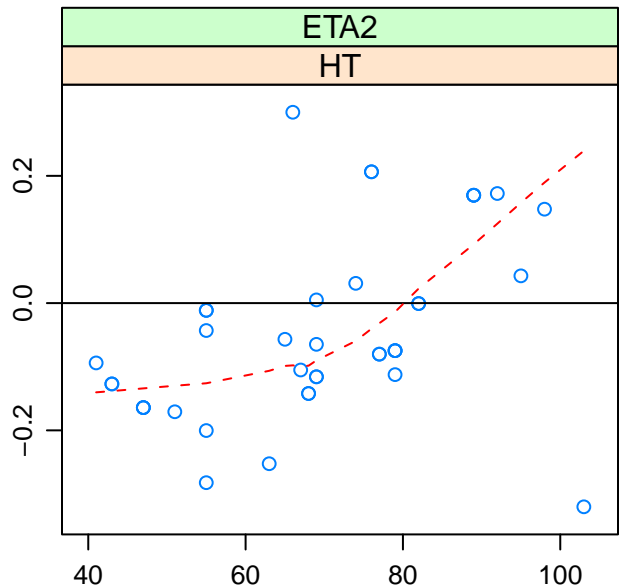
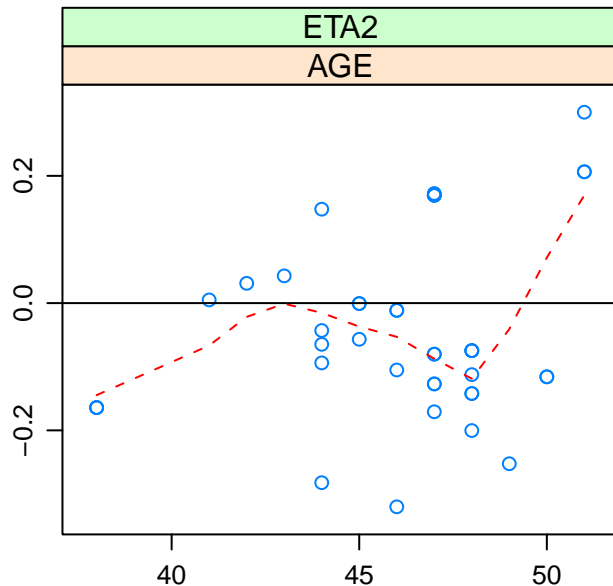
ETA



continuous covariate

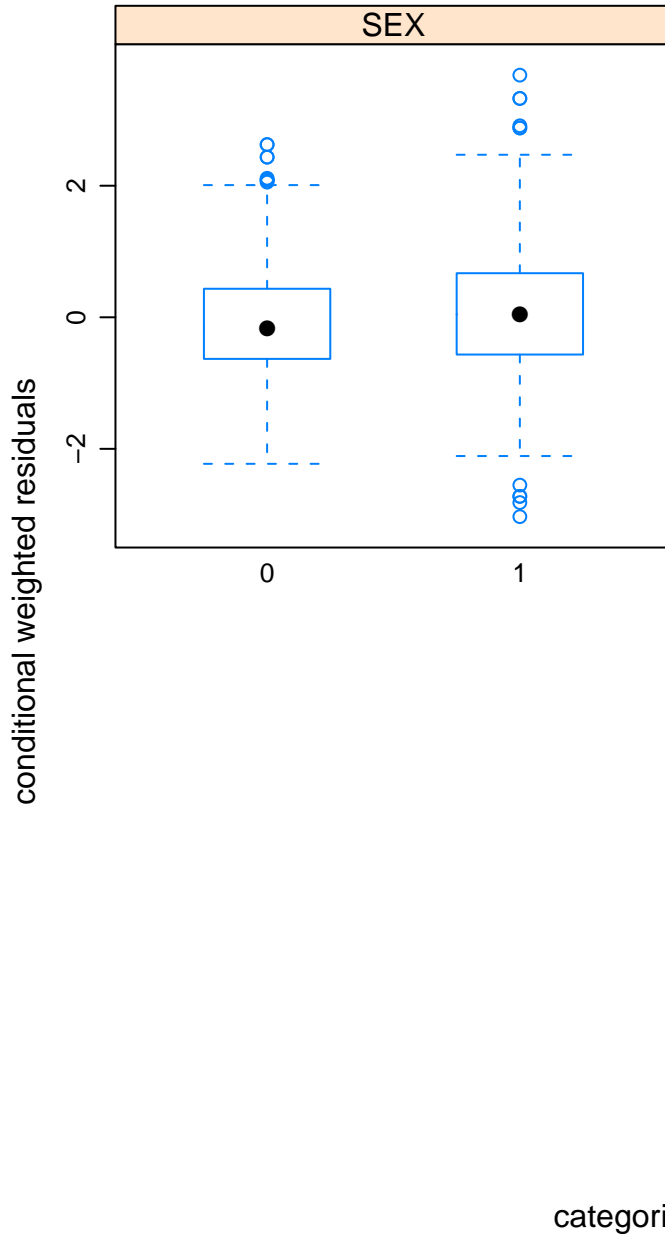
Etas vs. Continuous Covariates

ETA



continuous covariate

CWRES vs. Categorical Covariates



CWRES vs. Continuous Covariates

