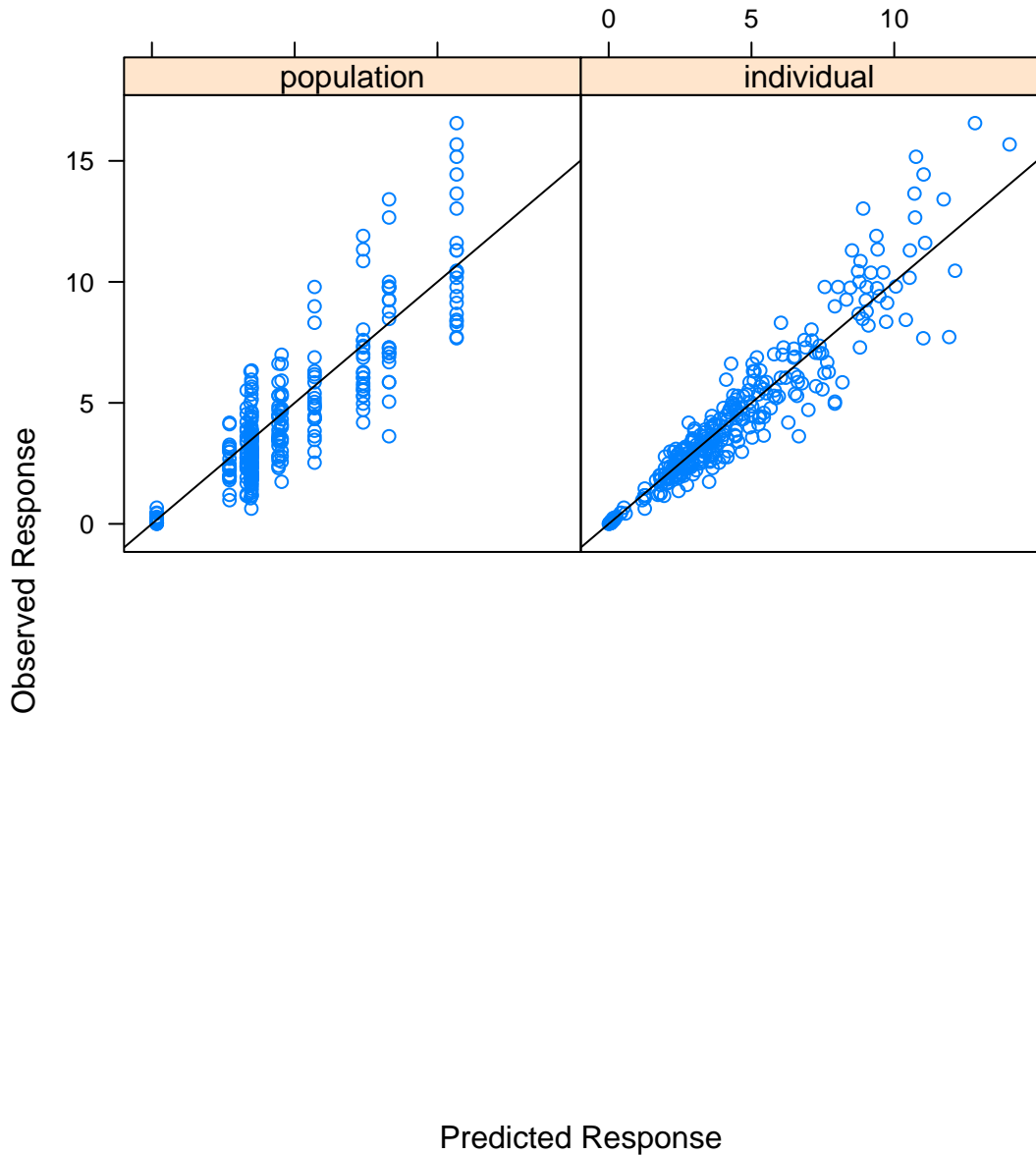


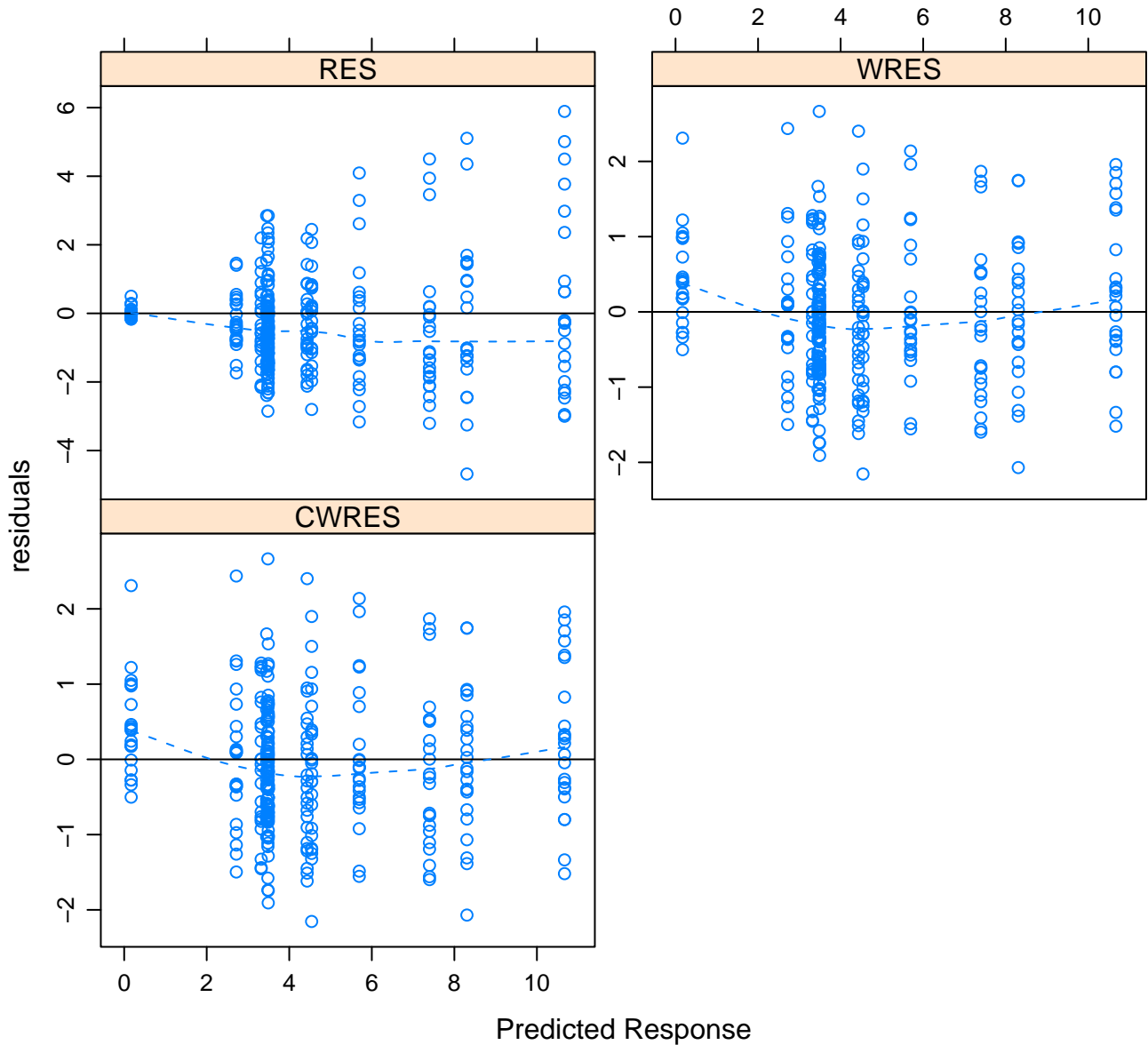
Model 1

Observed vs. Predicted for female data



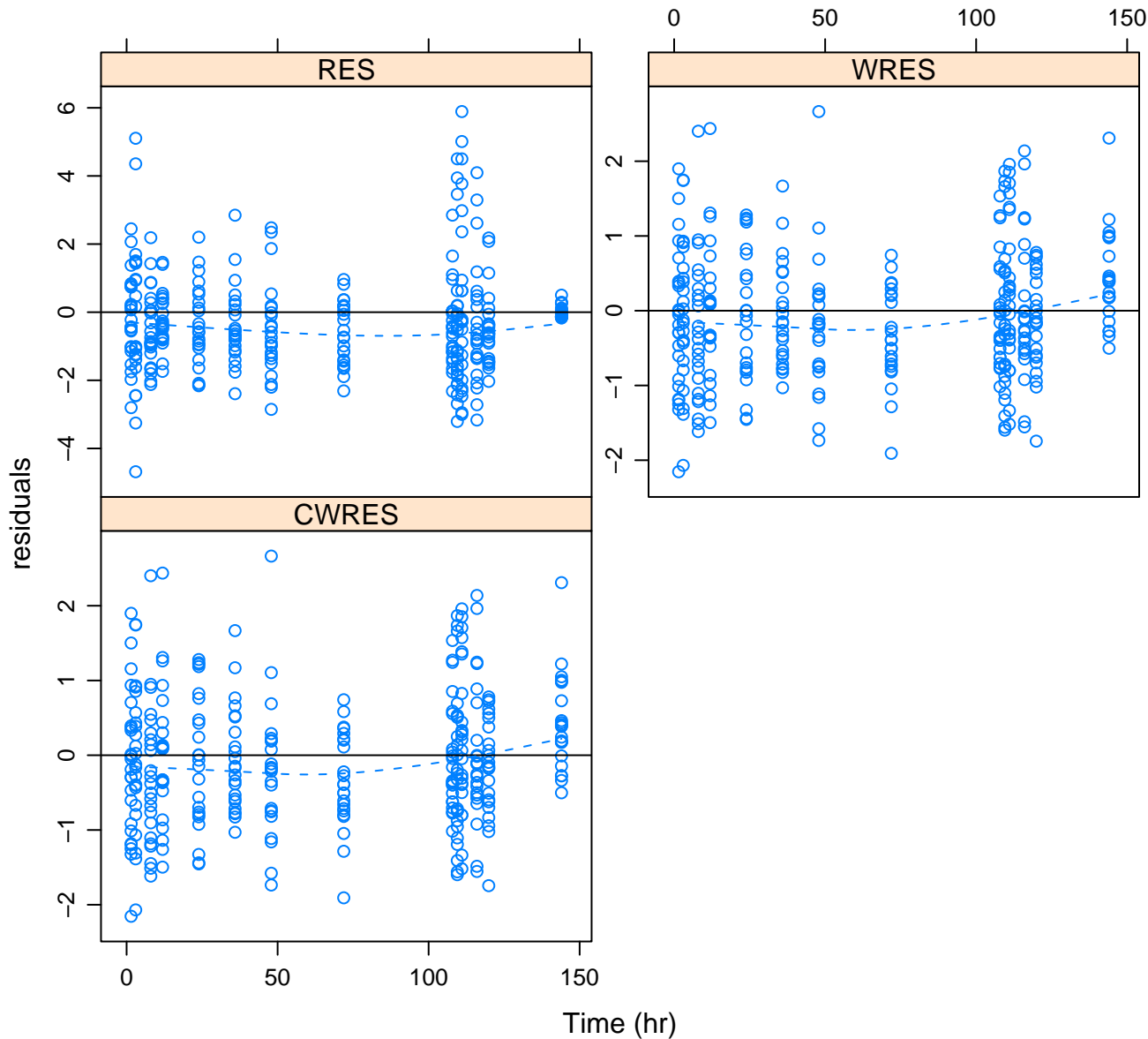
Model 1

Residuals vs. Predicted for female data



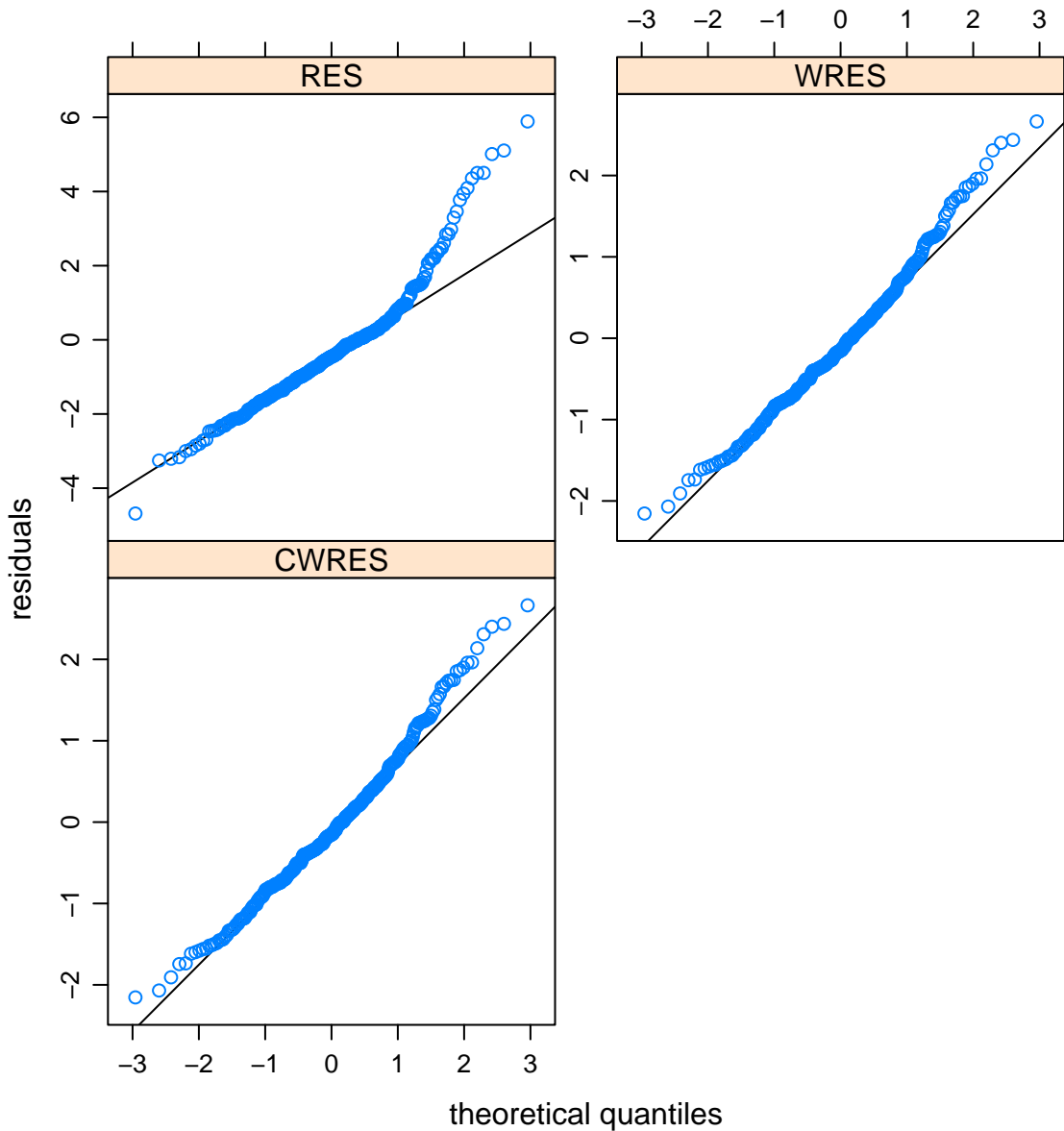
Model 1

Residuals vs. Time for female data



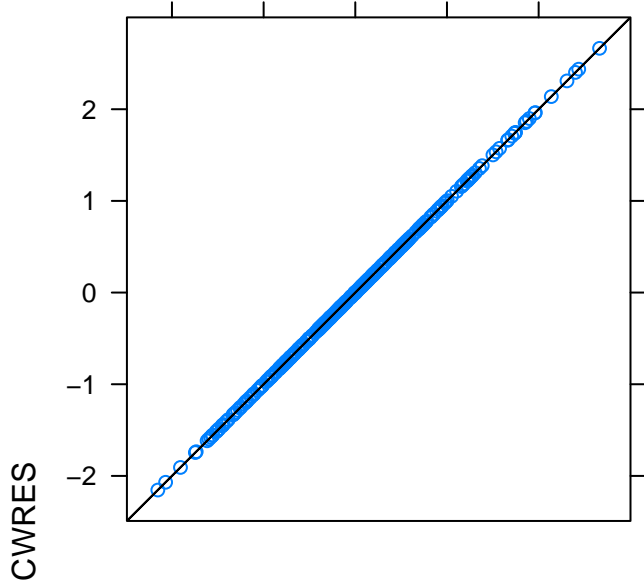
Model 1

Normal Q-Q Plot Residuals for female data



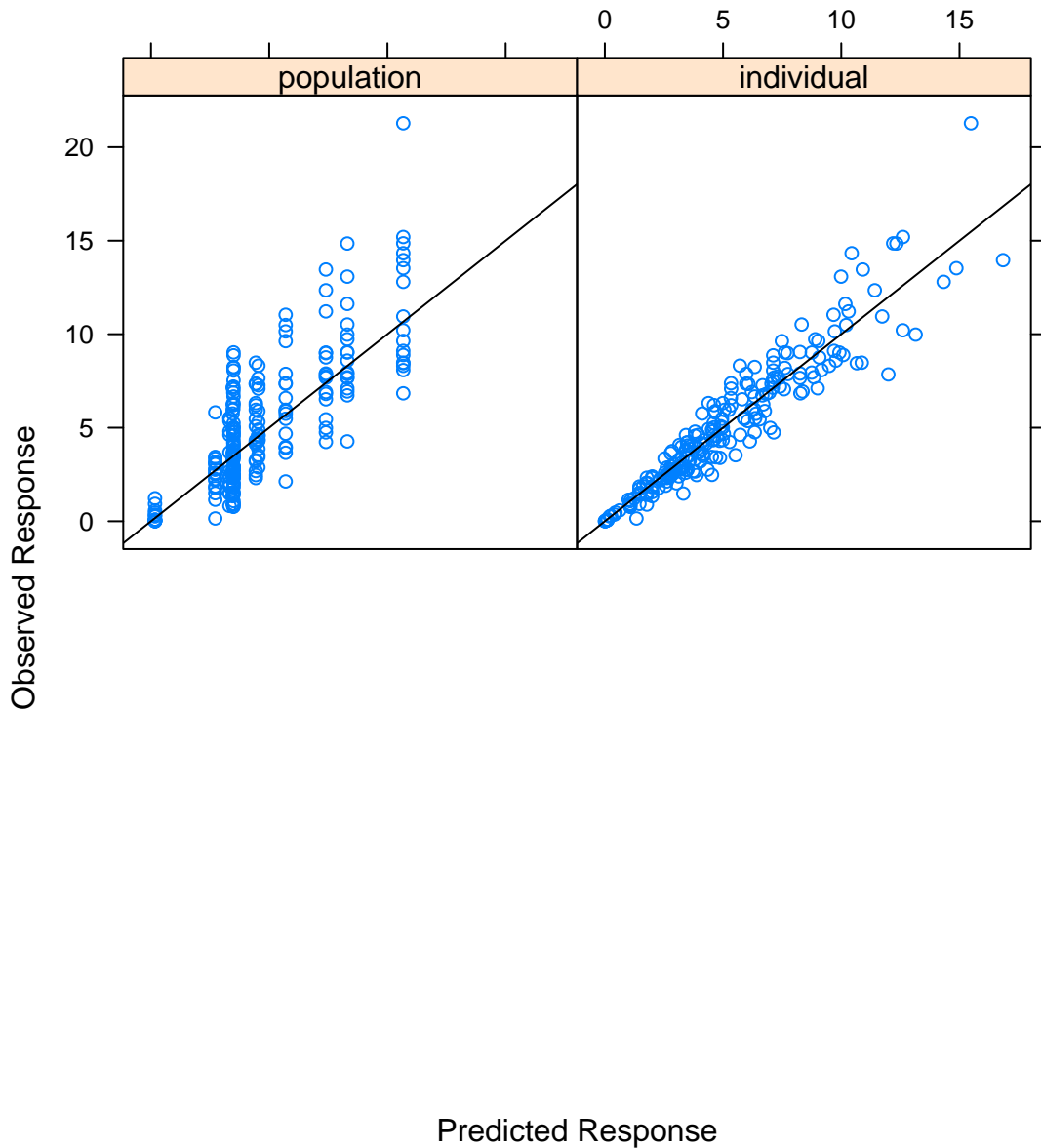
Model 1

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

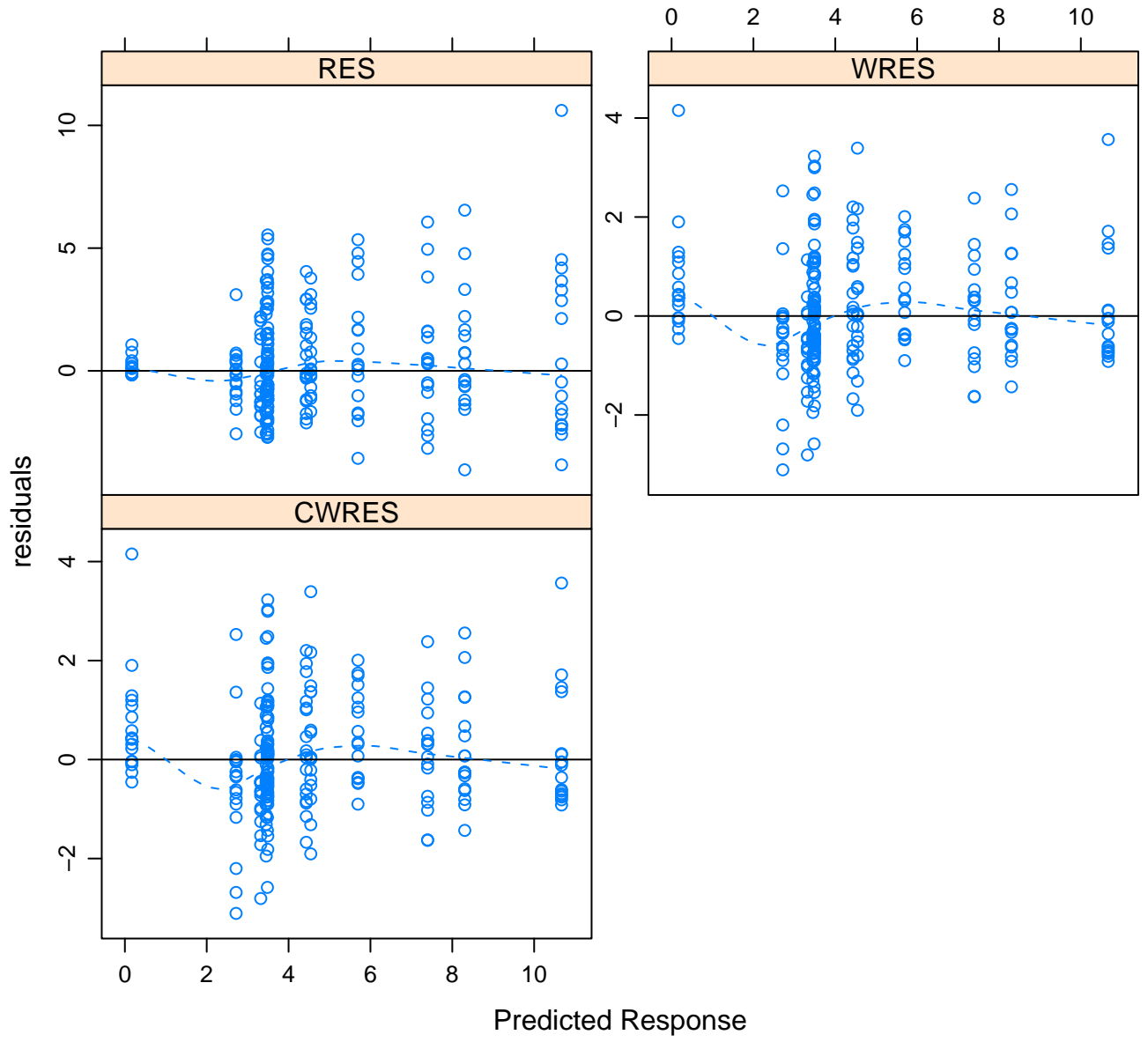


Model 1

Observed vs. Predicted for male data

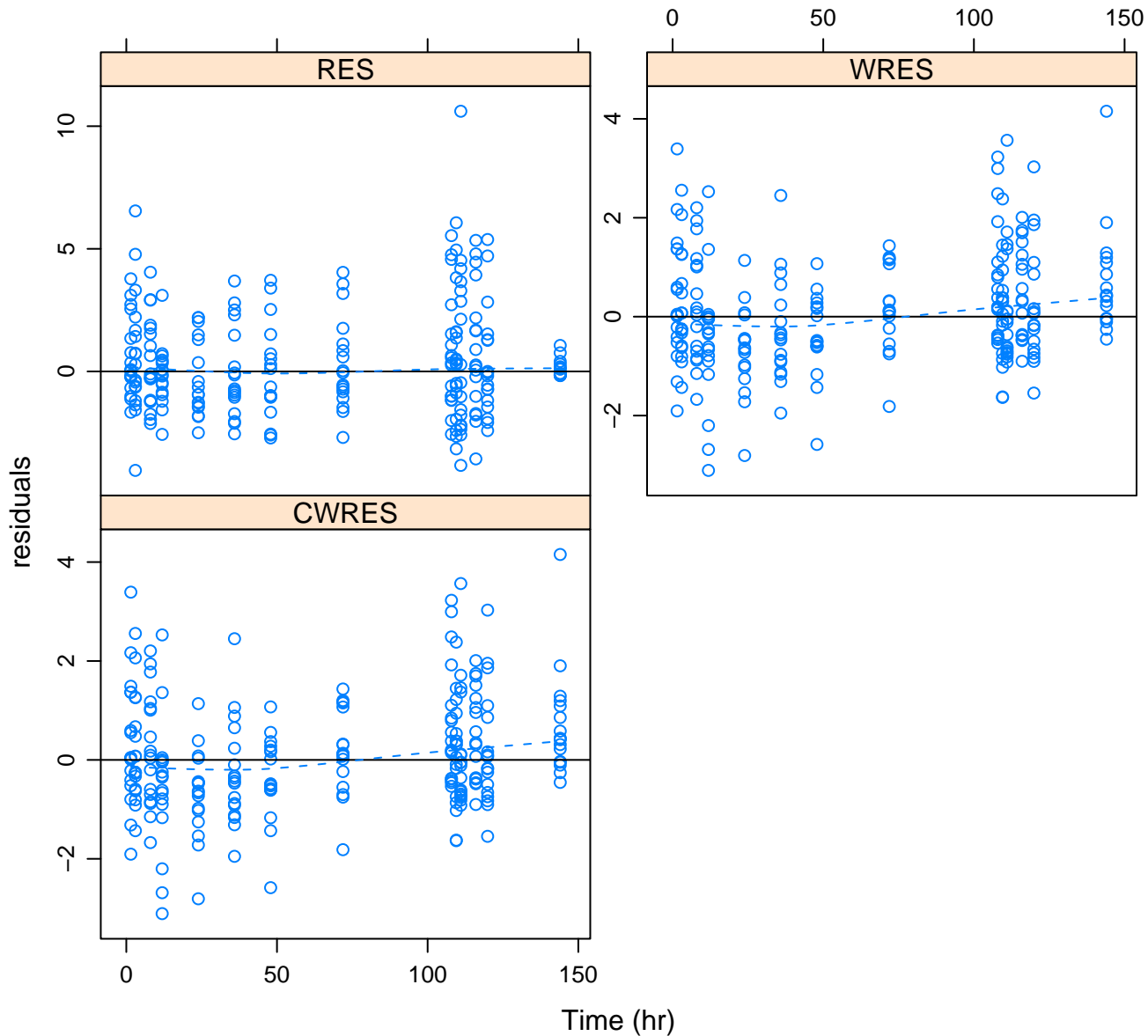


Model 1
Residuals vs. Predicted for male data

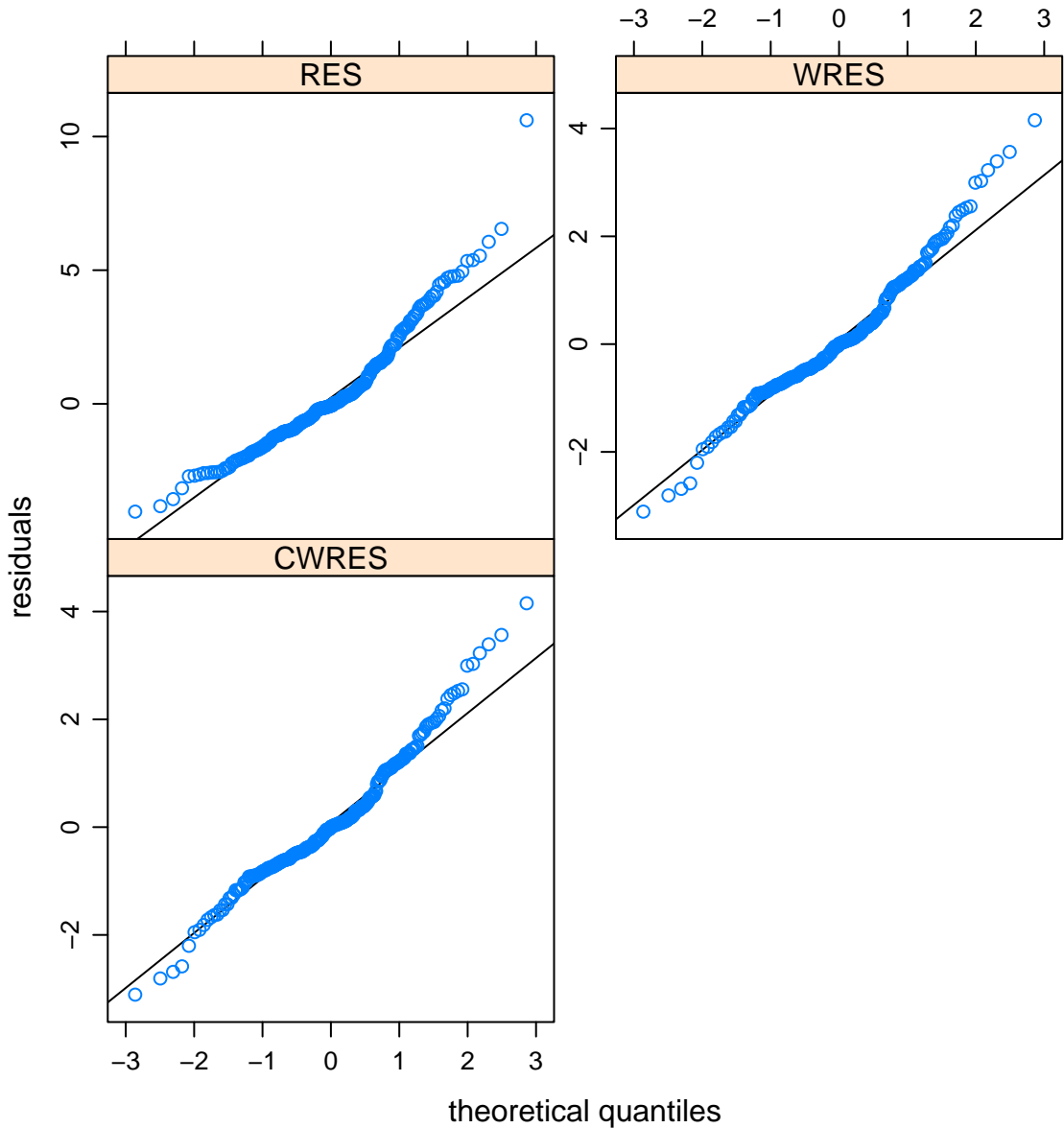


Model 1

Residuals vs. Time for male data

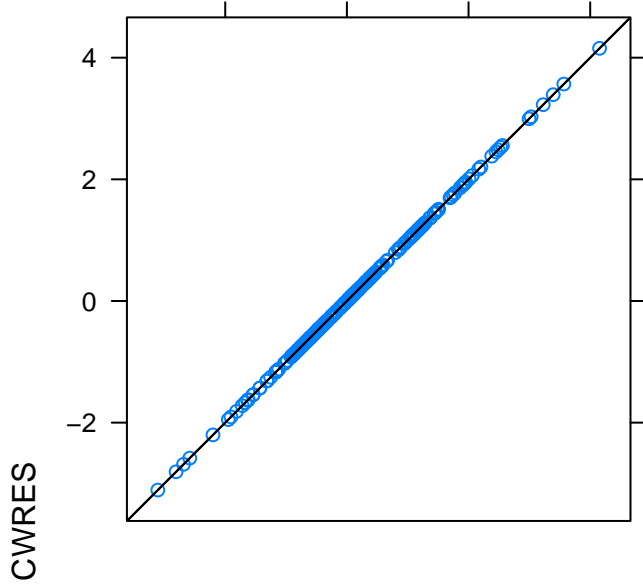


Normal Q-Q Plot Residuals for male data



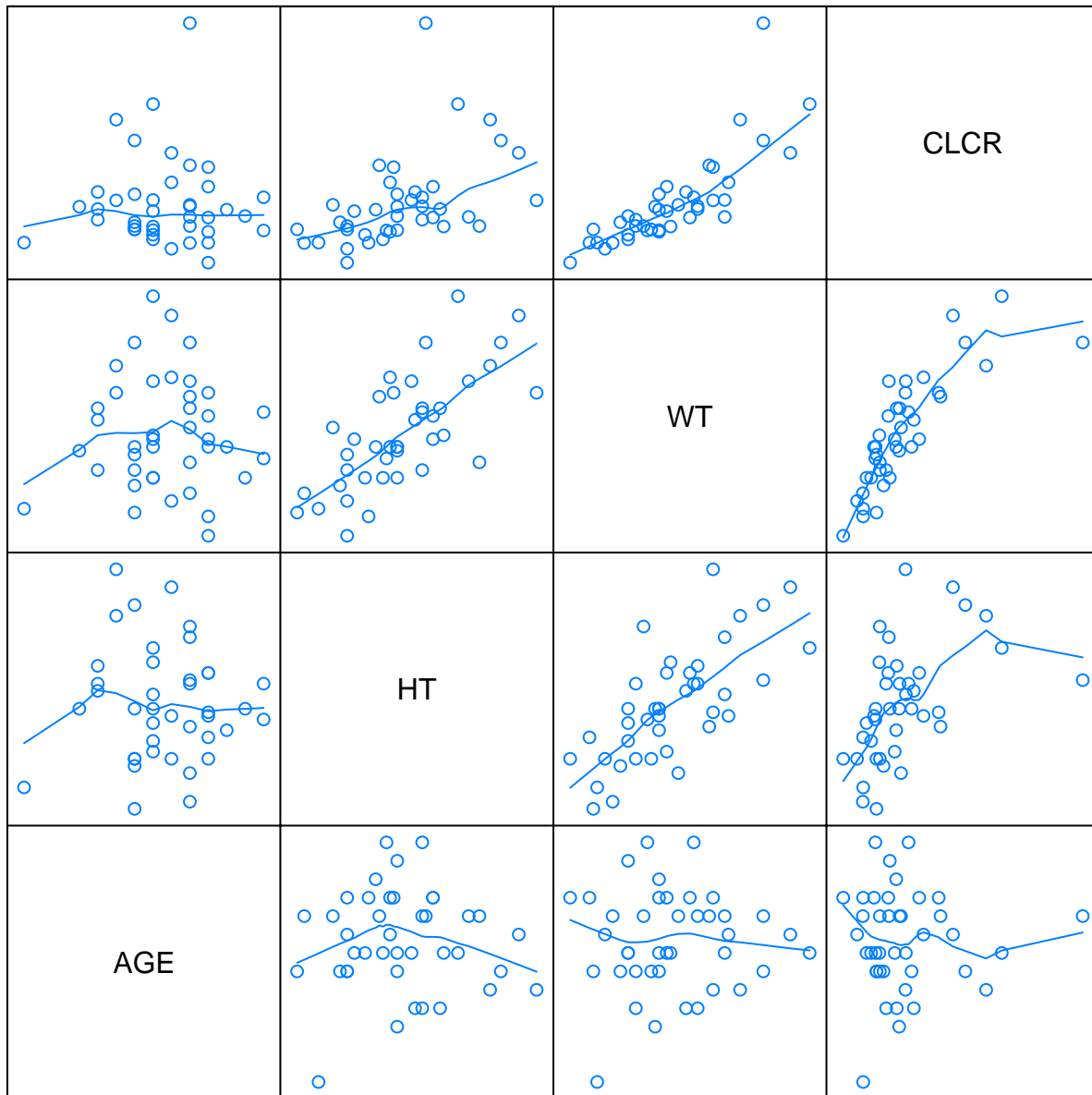
Model 1

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

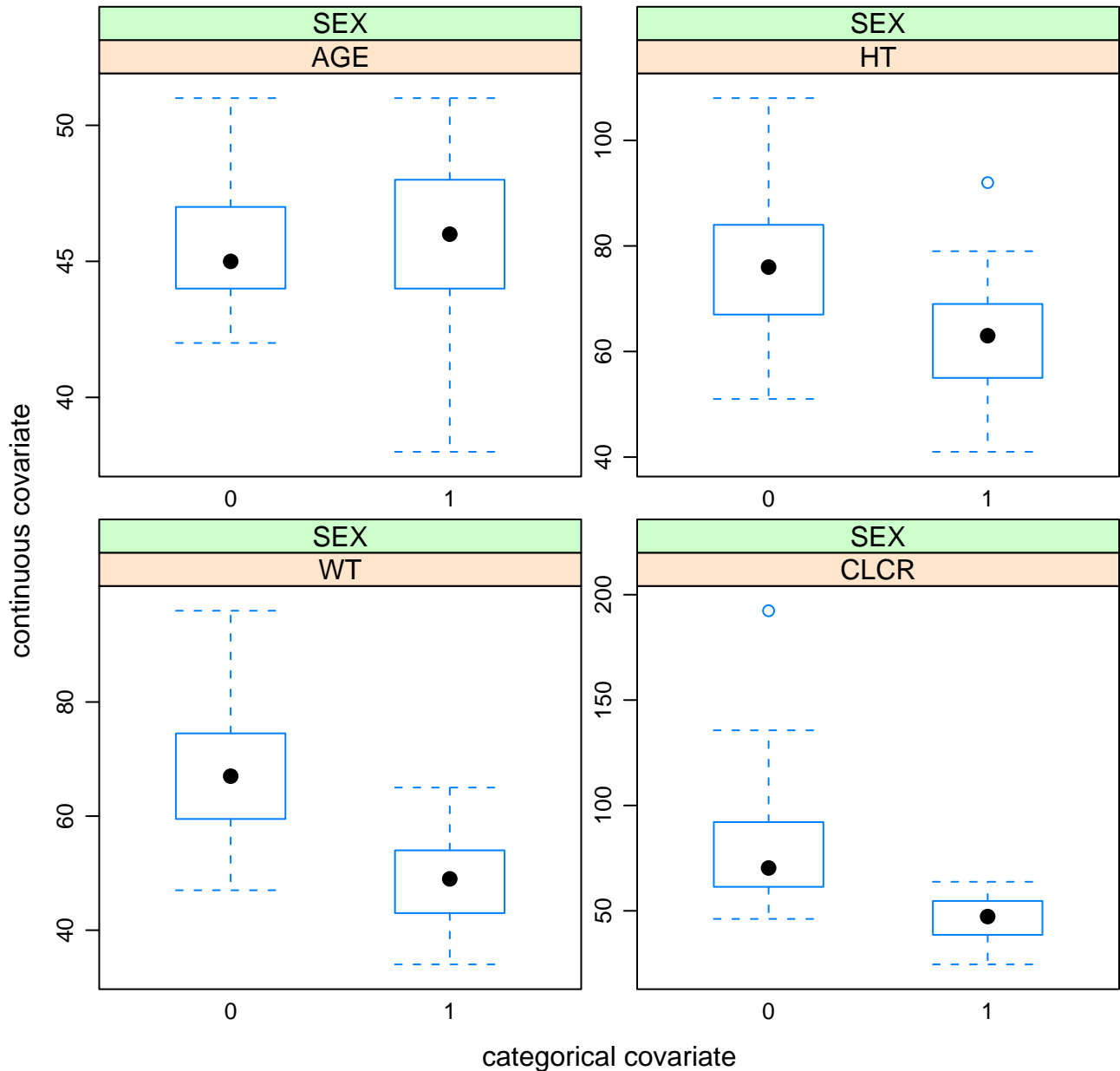


WRES

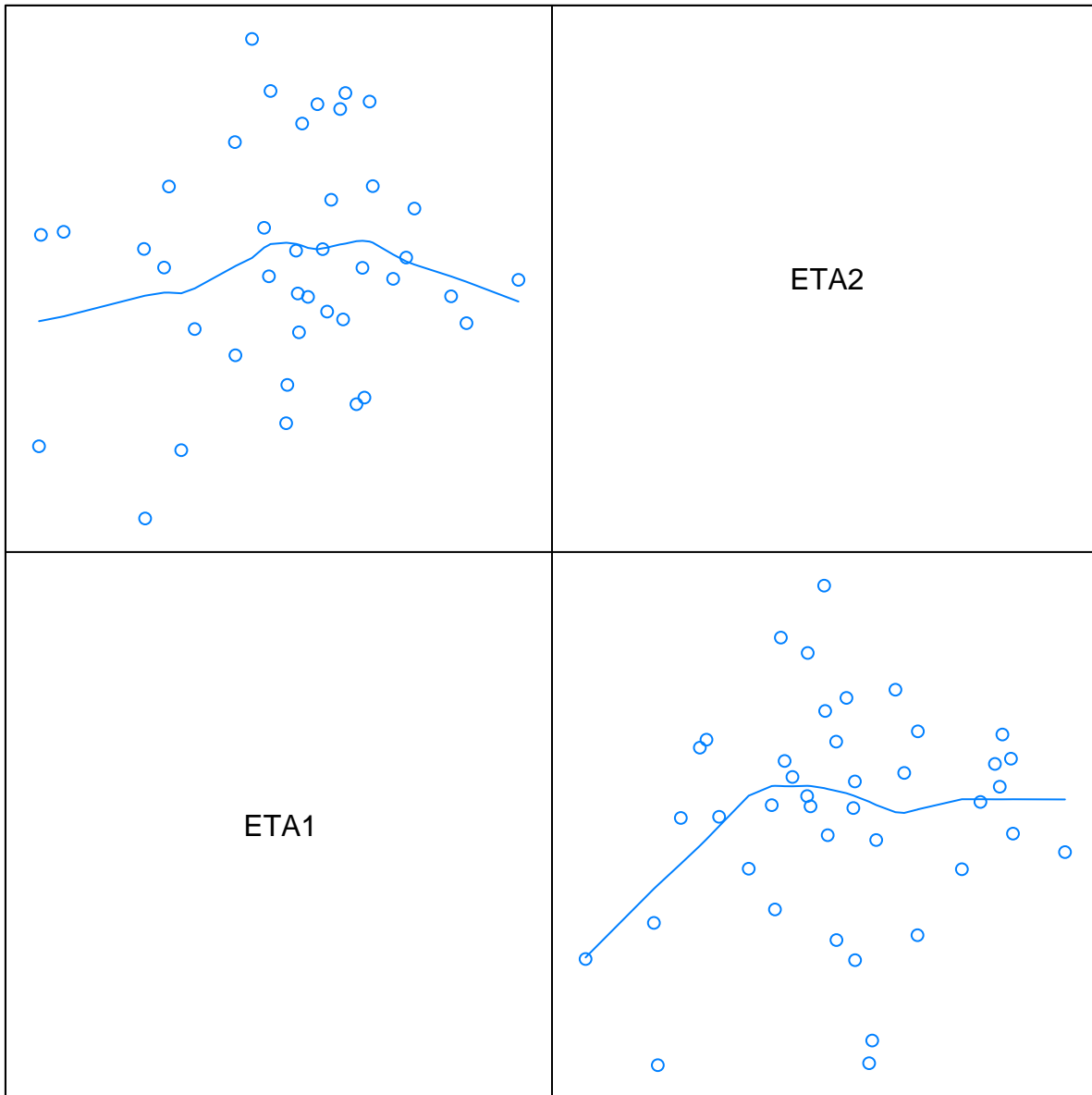
Covariate Scatterplots



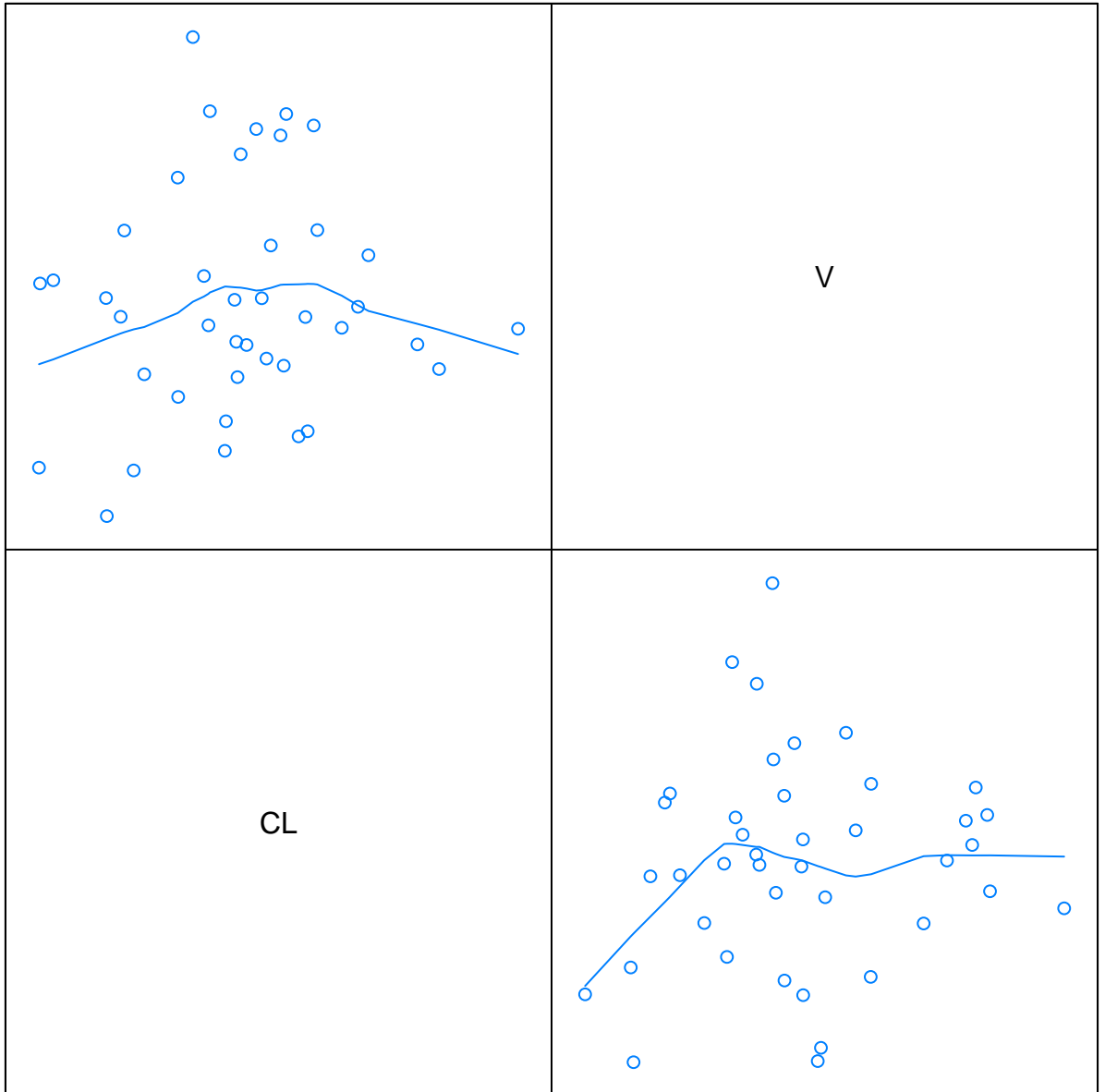
Continuous Covariates vs. Categorical Covariates



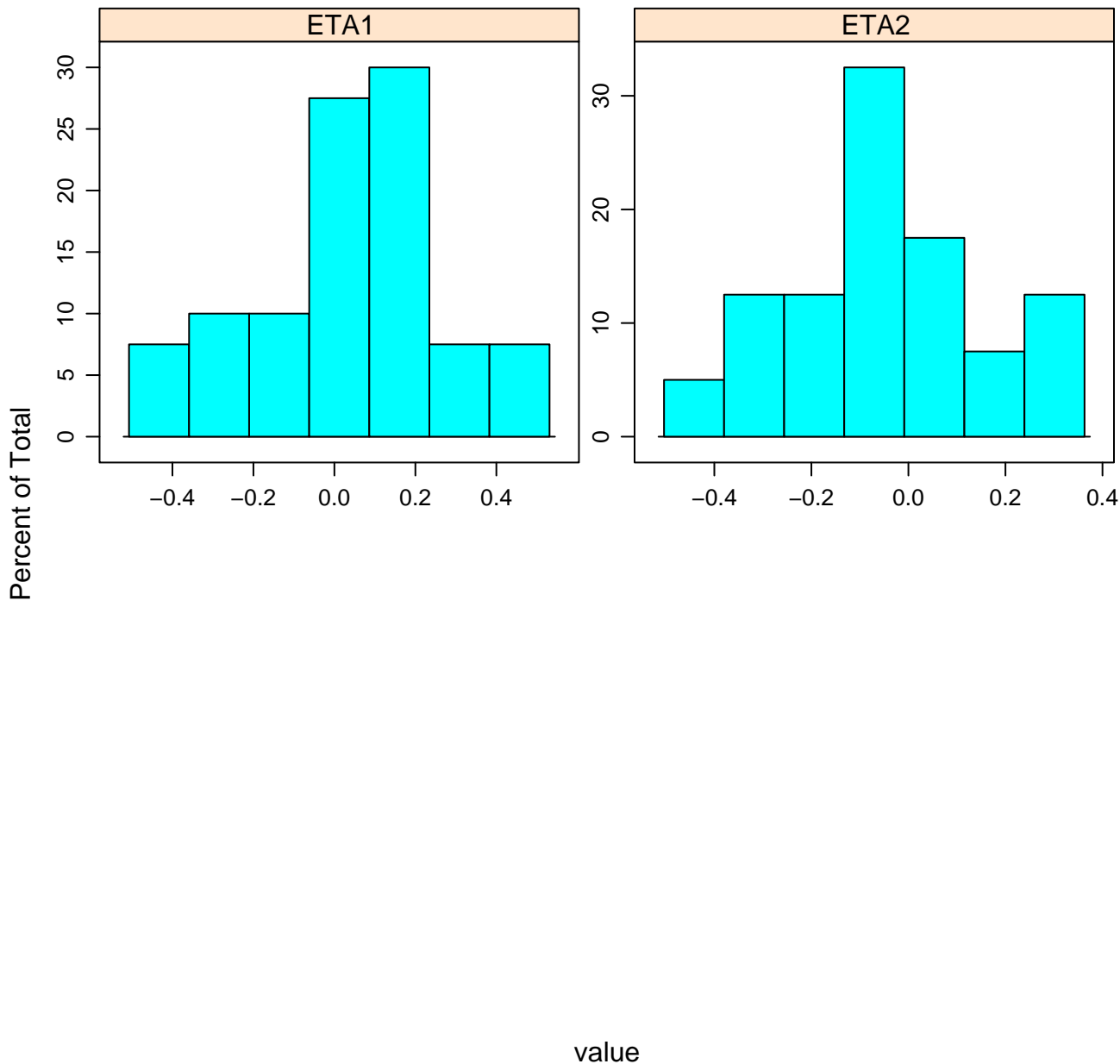
ETA Scatterplots



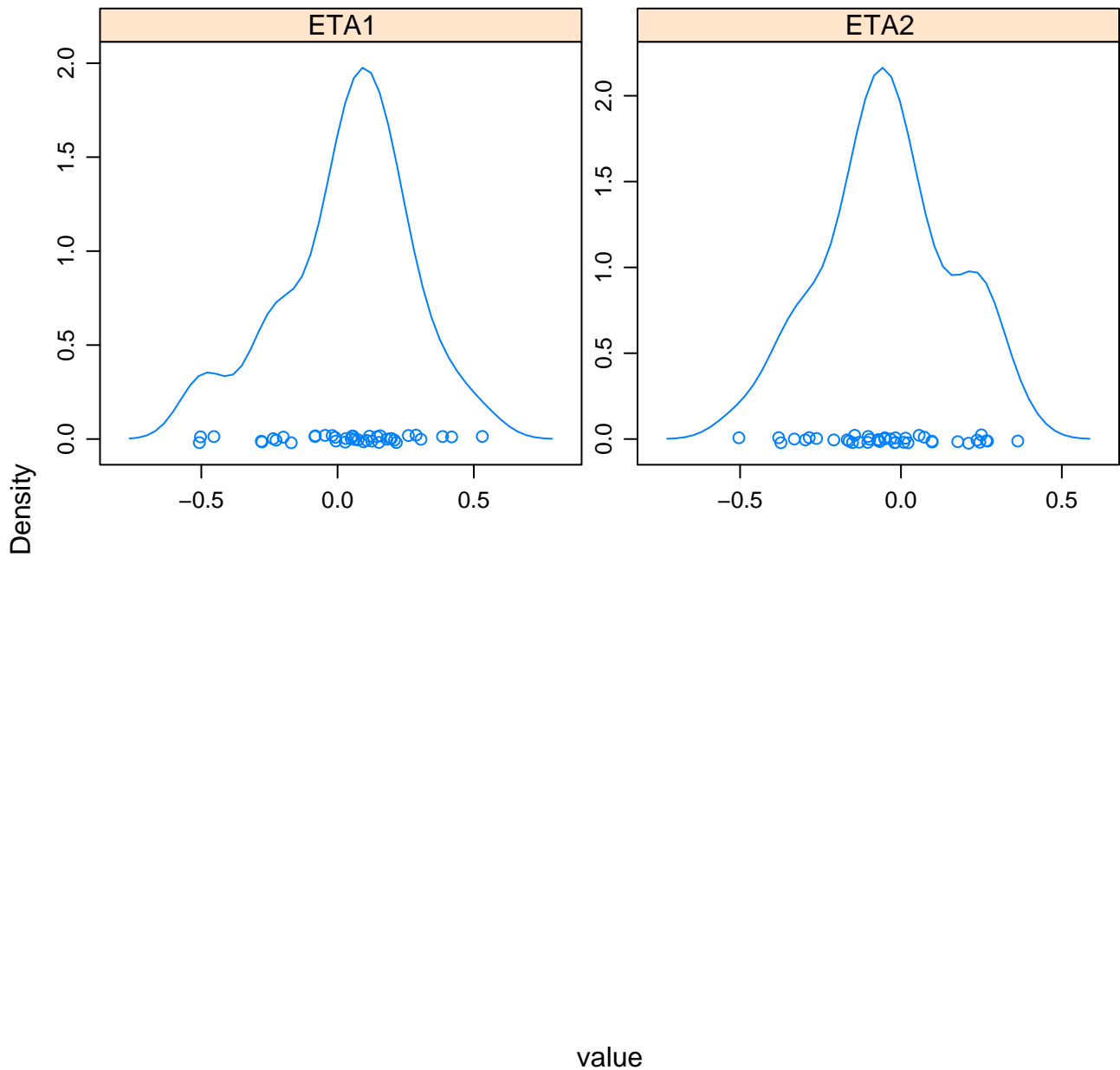
Parameter Scatterplots



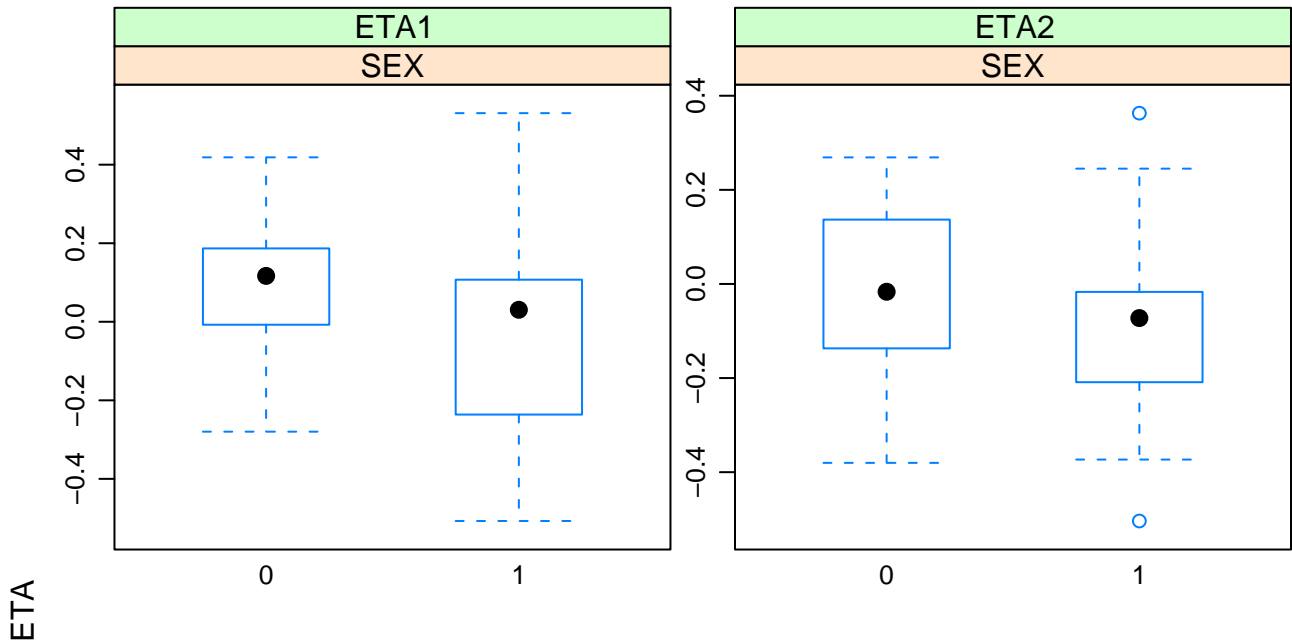
Histograms of Etas



Density of Etas



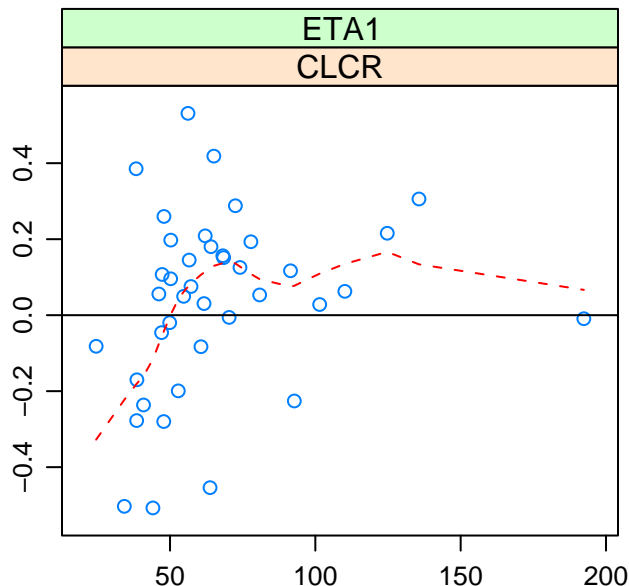
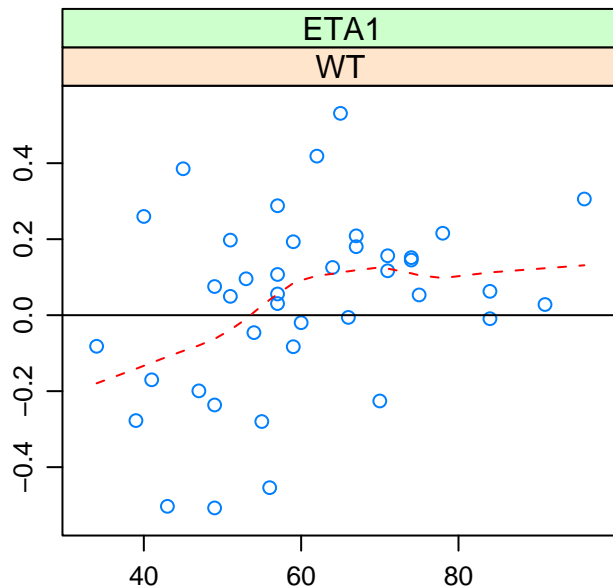
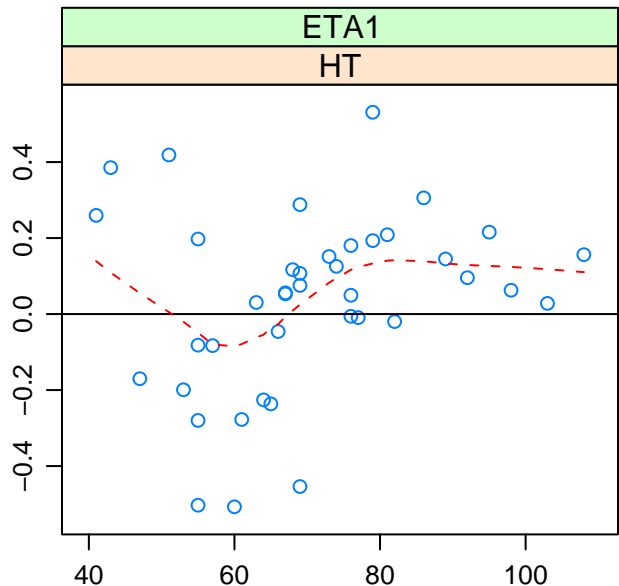
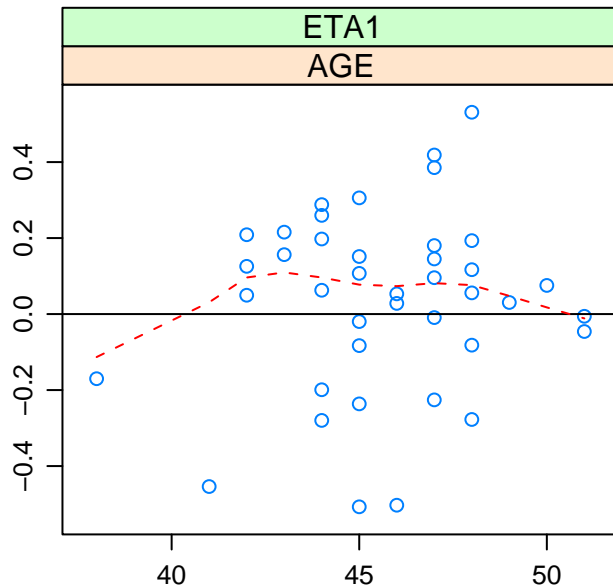
Boxplots of Etas by Categorical Covariate



categorical covariate level

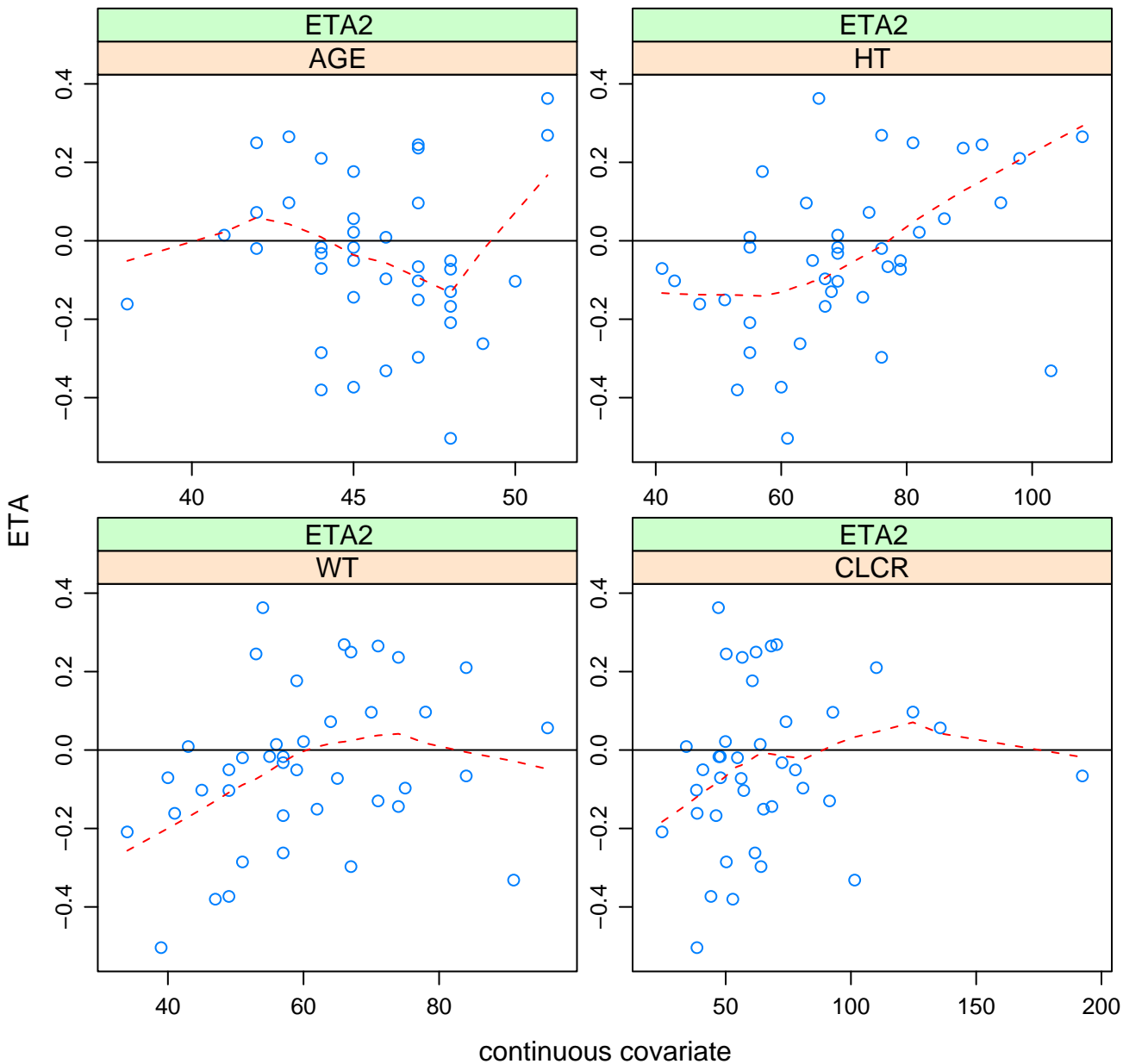
Etas vs. Continuous Covariates

ETA

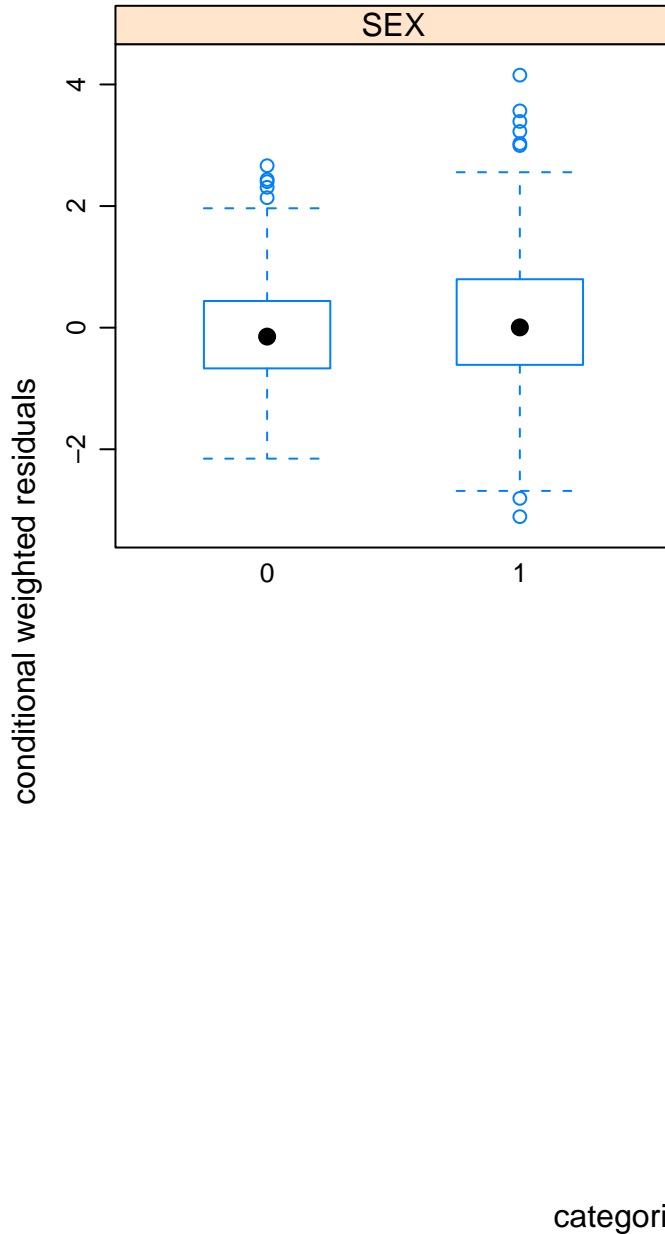


continuous covariate

Etas vs. Continuous Covariates



CWRES vs. Categorical Covariates



CWRES vs. Continuous Covariates

