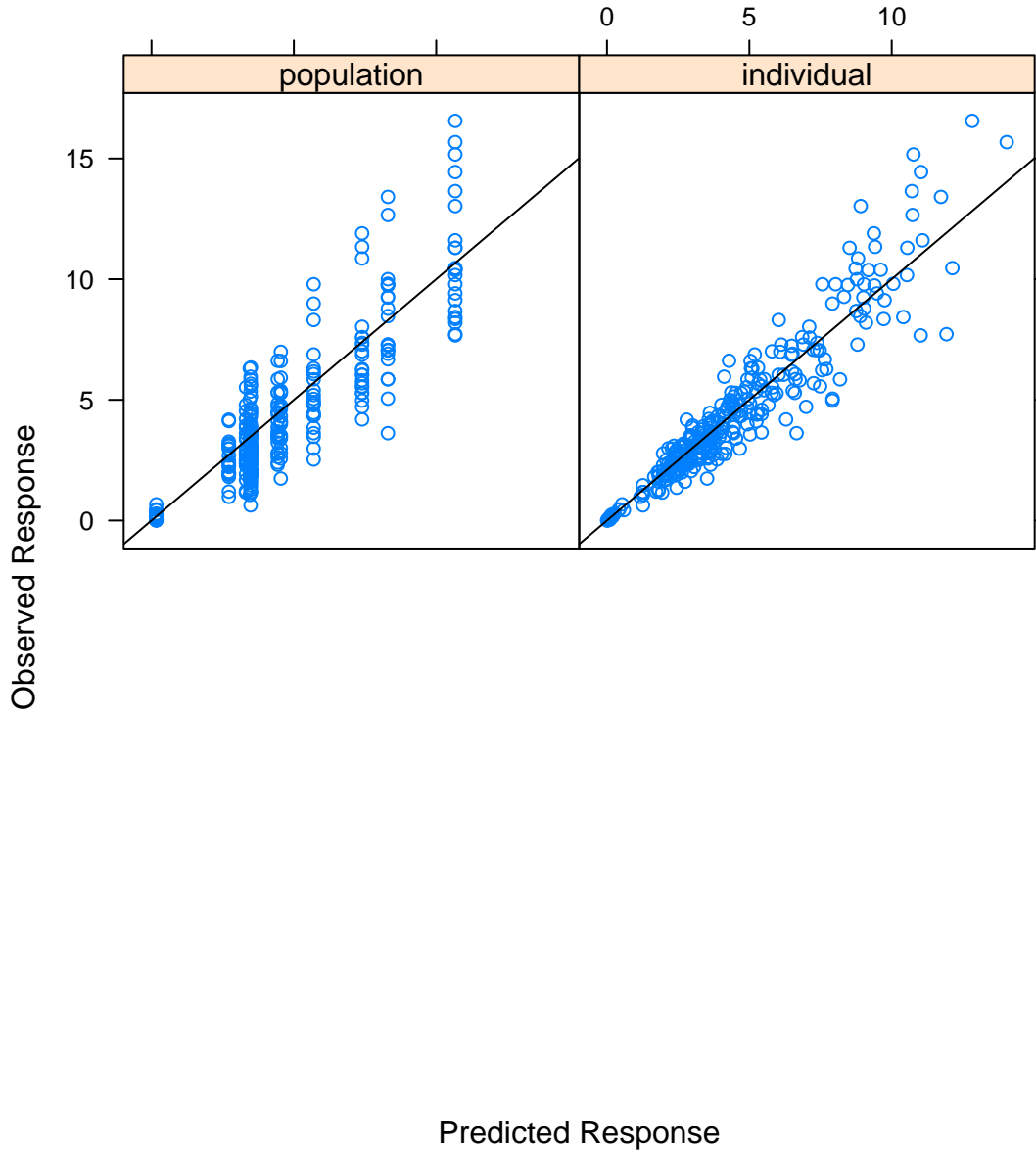


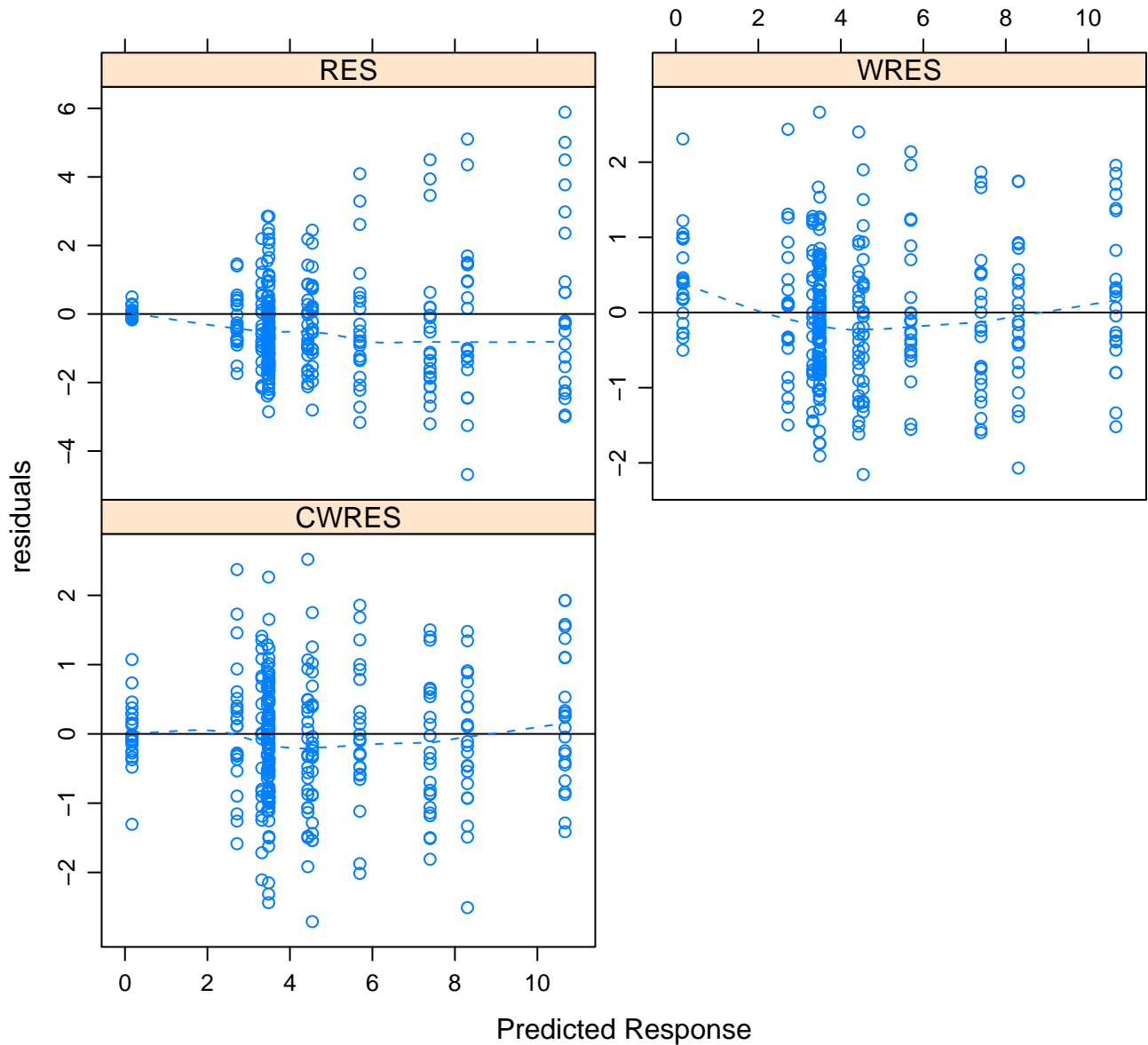
Model 1

Observed vs. Predicted for female data



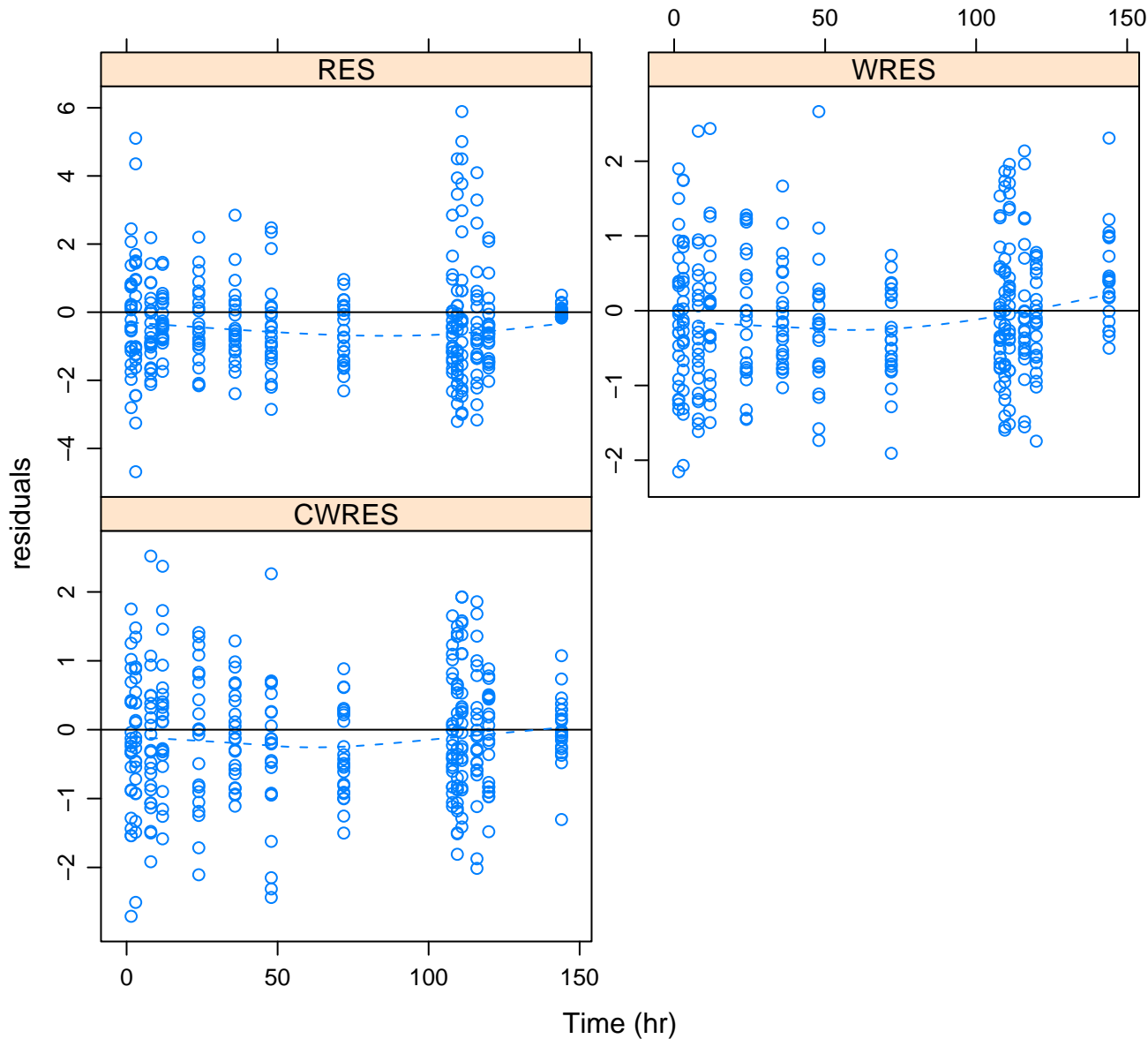
Model 1

Residuals vs. Predicted for female data



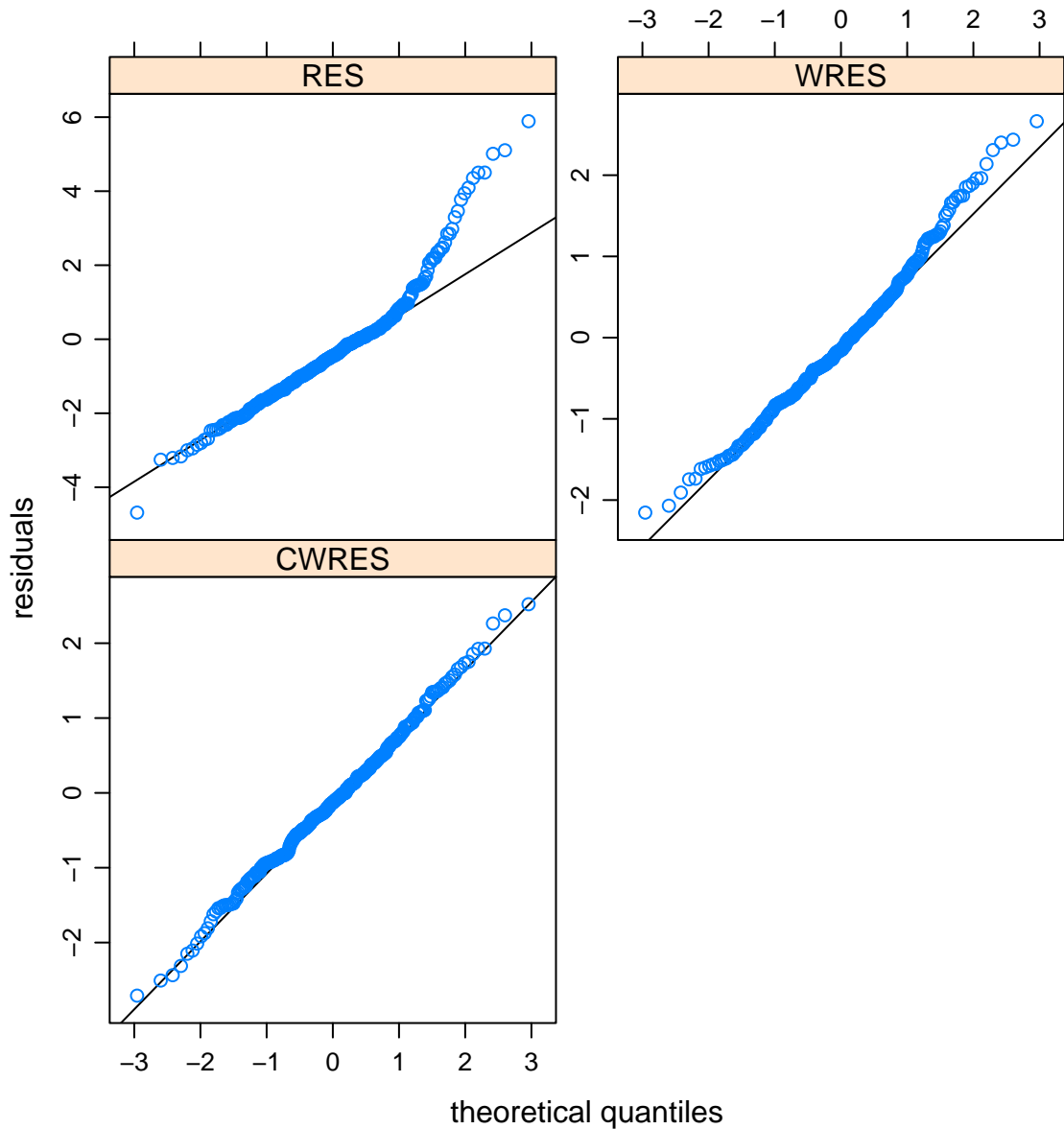
Model 1

Residuals vs. Time for female data



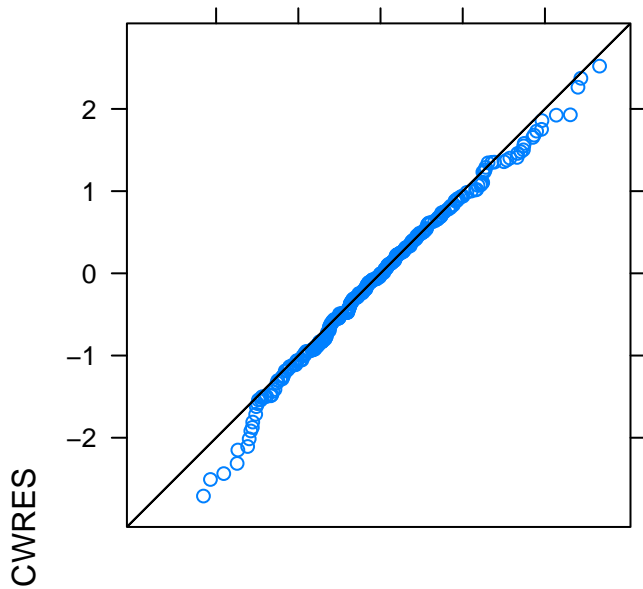
Model 1

Normal Q-Q Plot Residuals for female data



Model 1

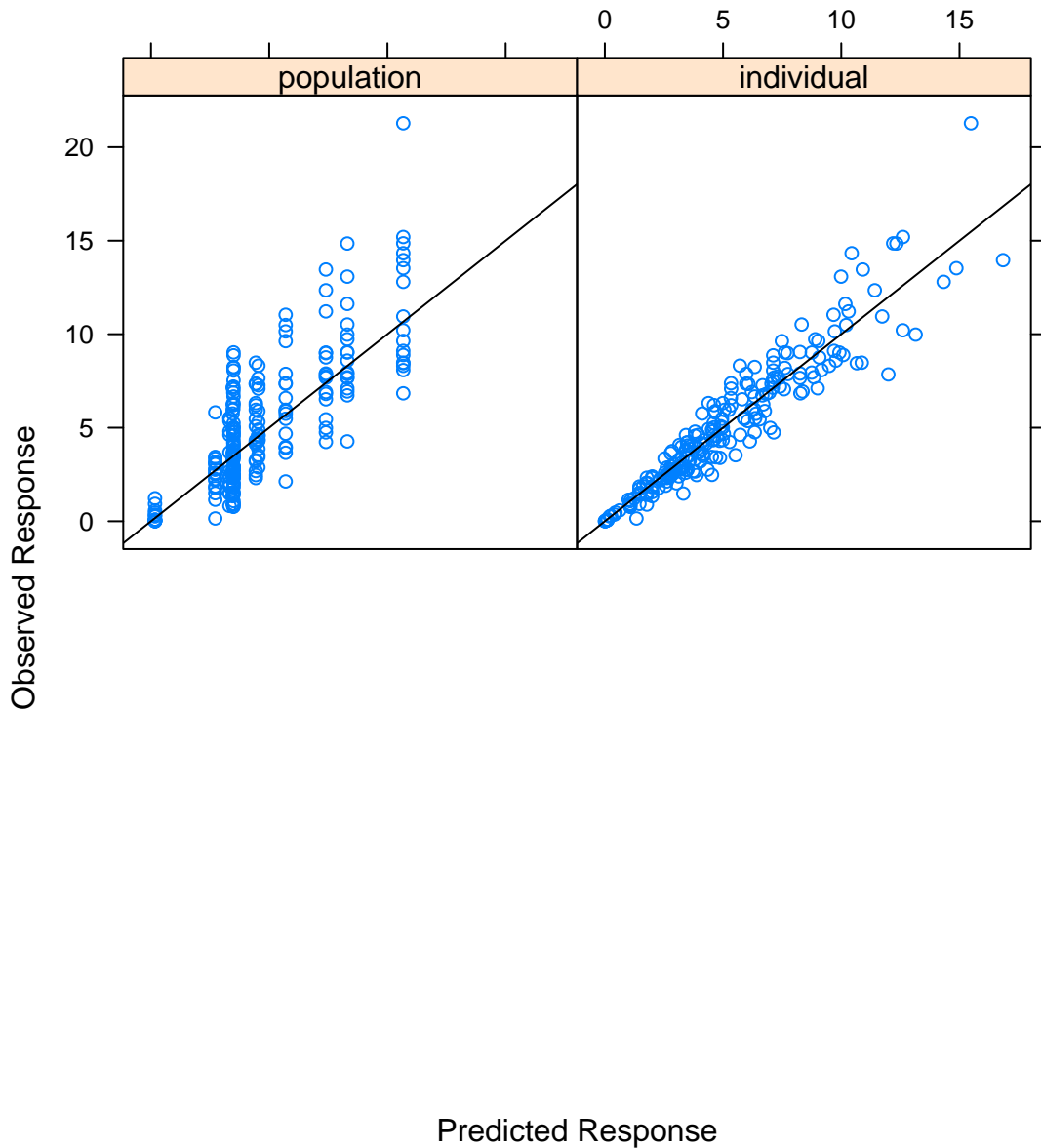
Q-Q Plot of CWRES vs. WRES for female data



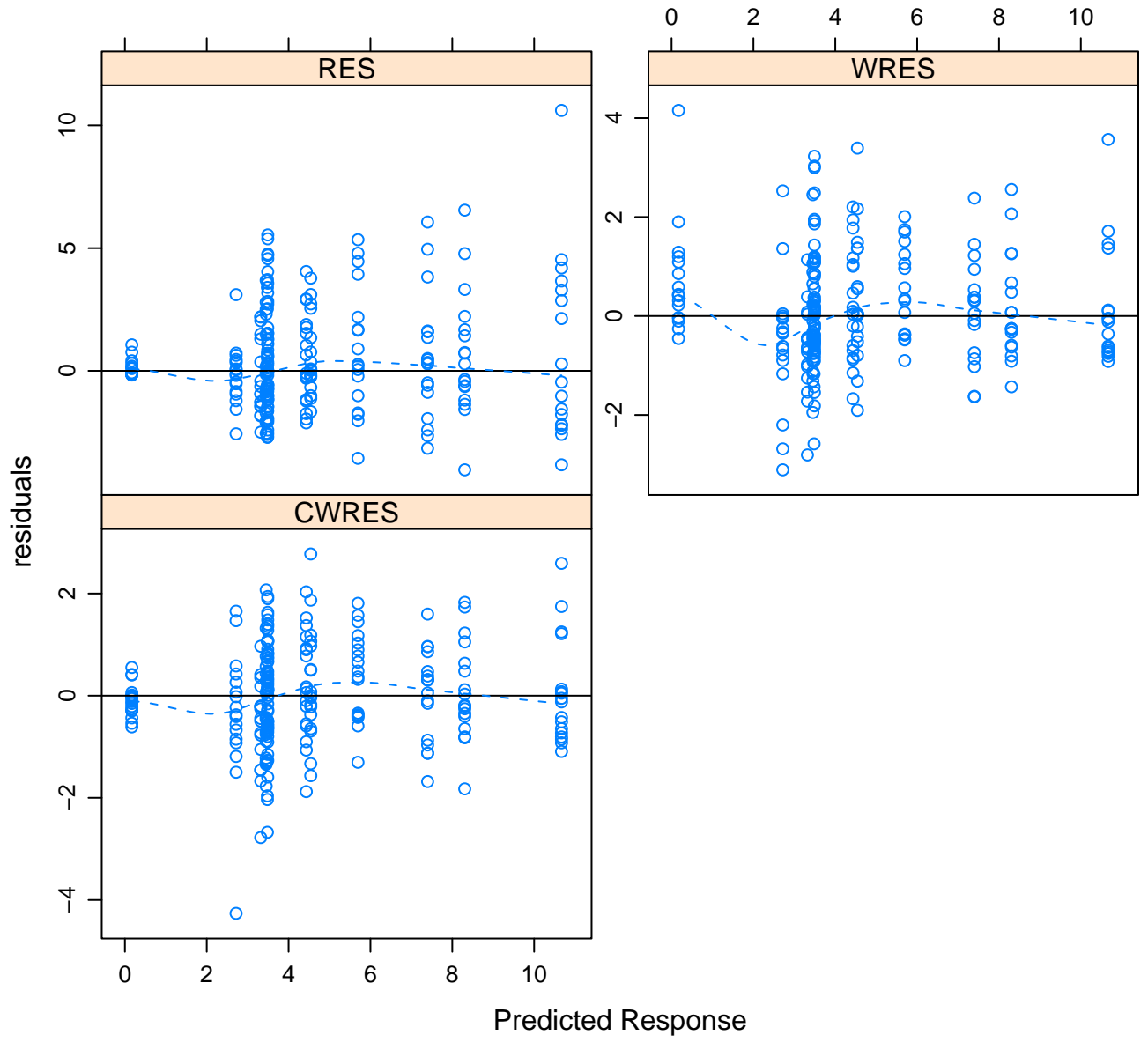
WRES

Model 1

Observed vs. Predicted for male data

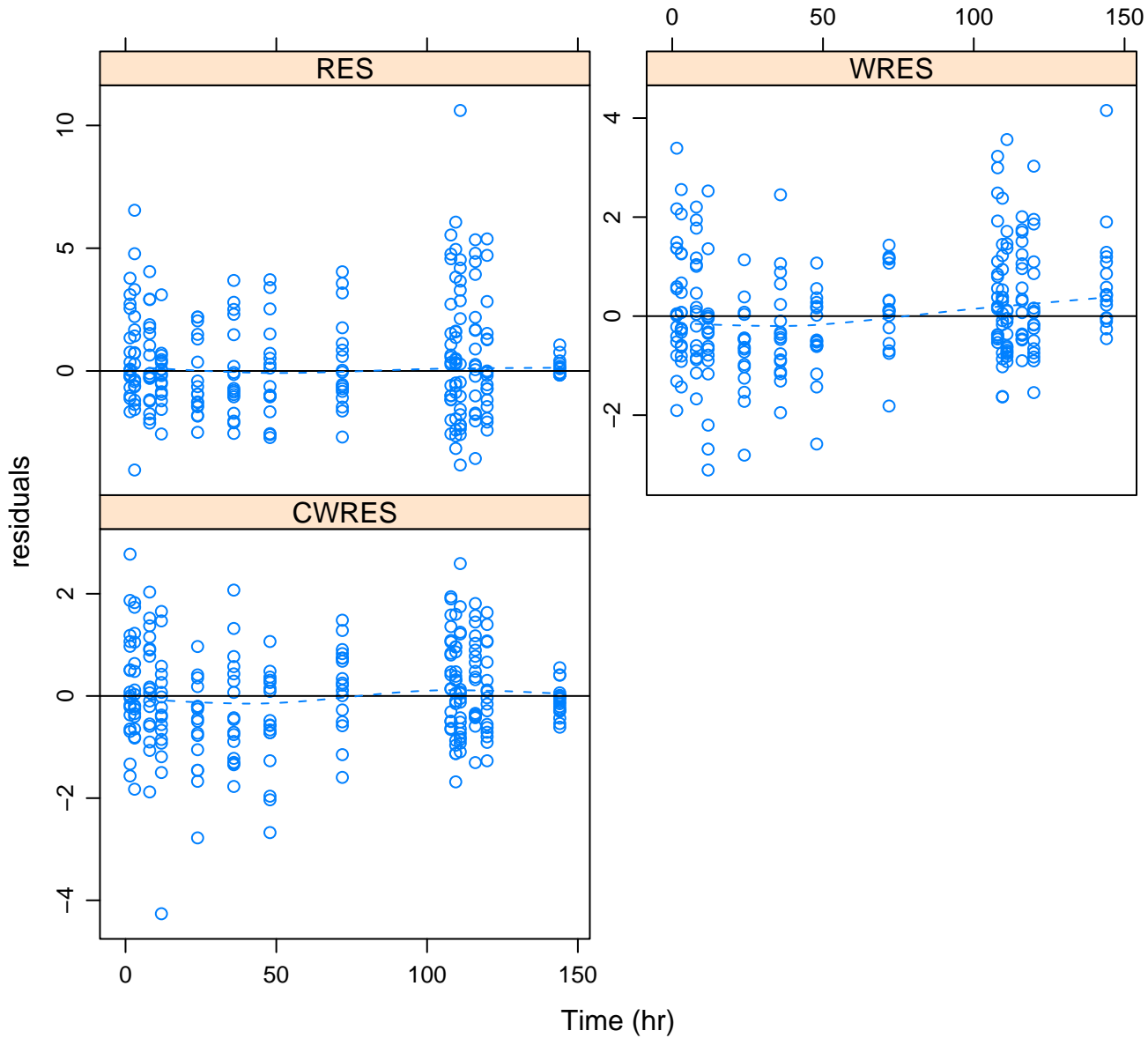


Model 1
Residuals vs. Predicted for male data



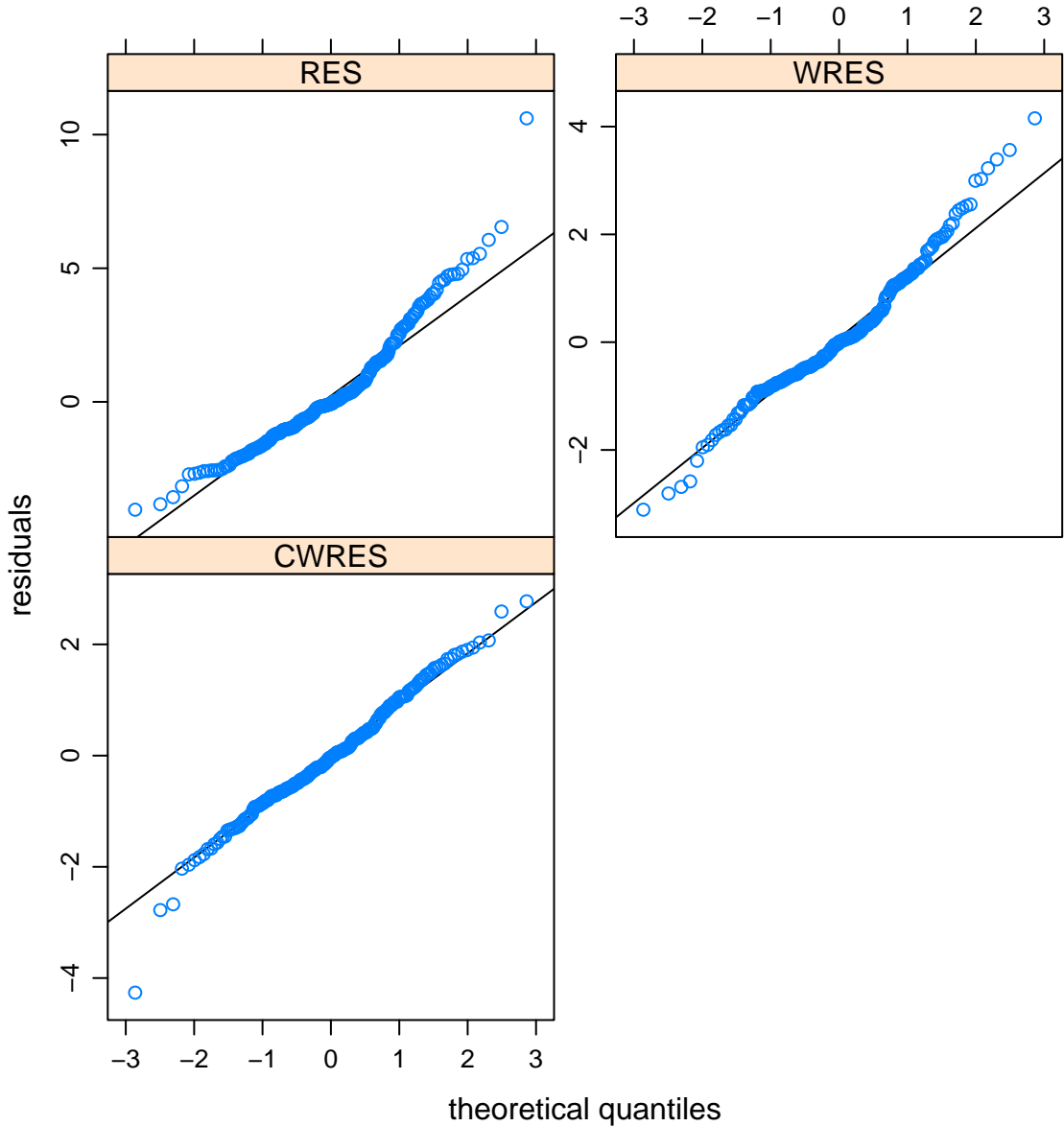
Model 1

Residuals vs. Time for male data



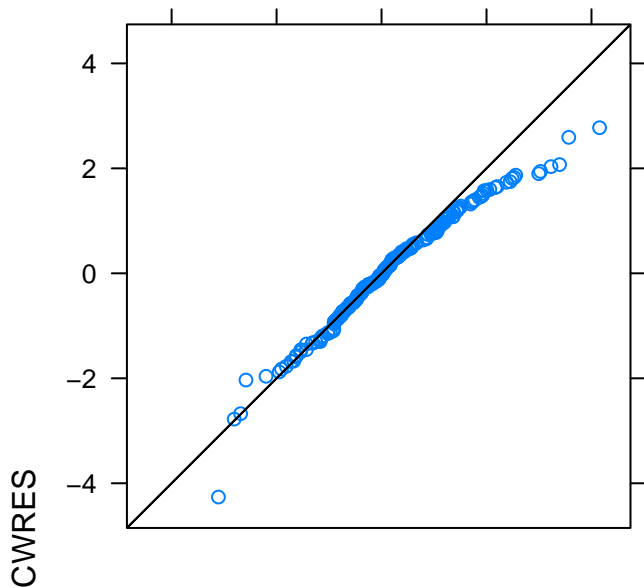
Model 1

Normal Q-Q Plot Residuals for male data



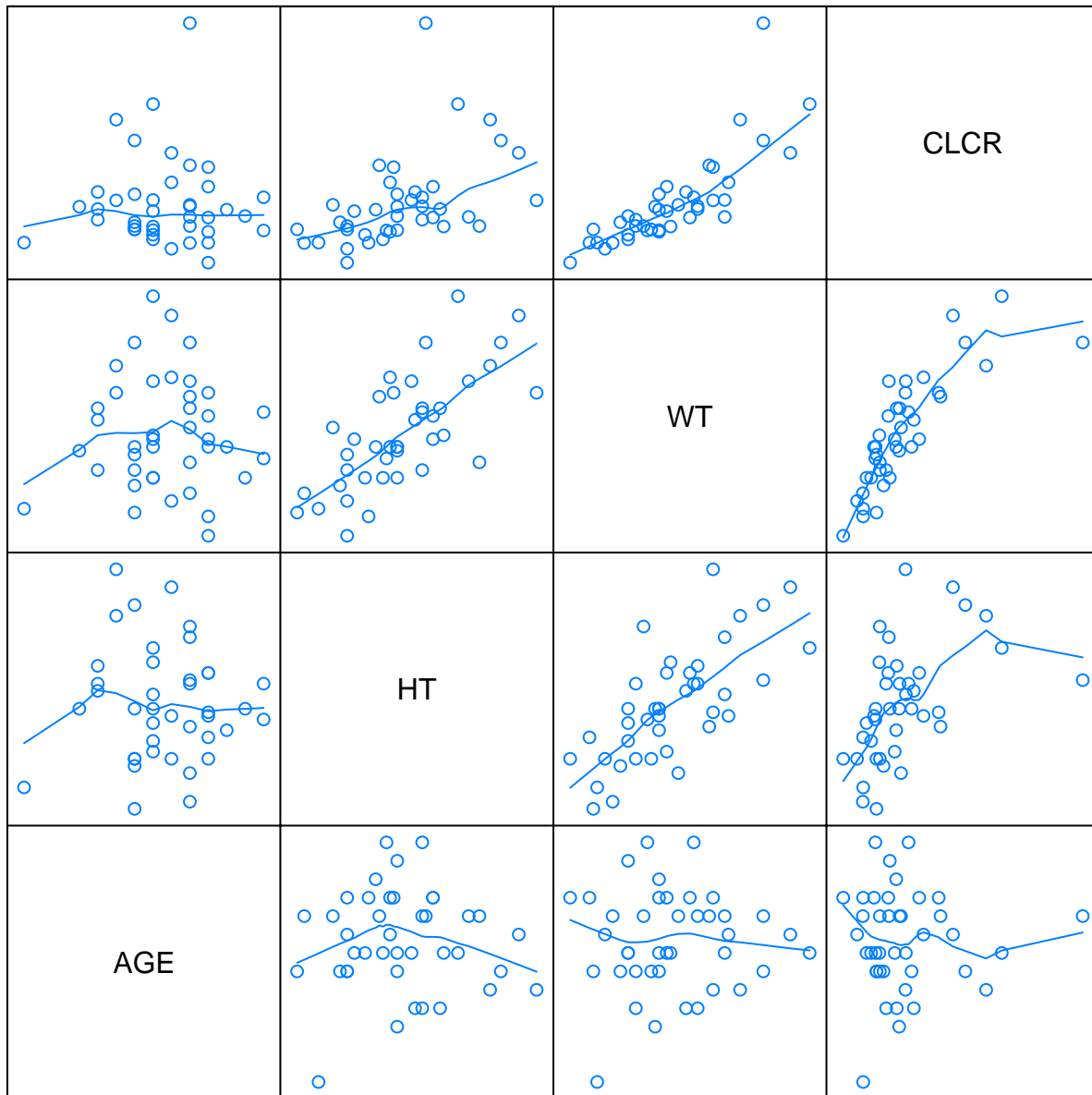
Model 1

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

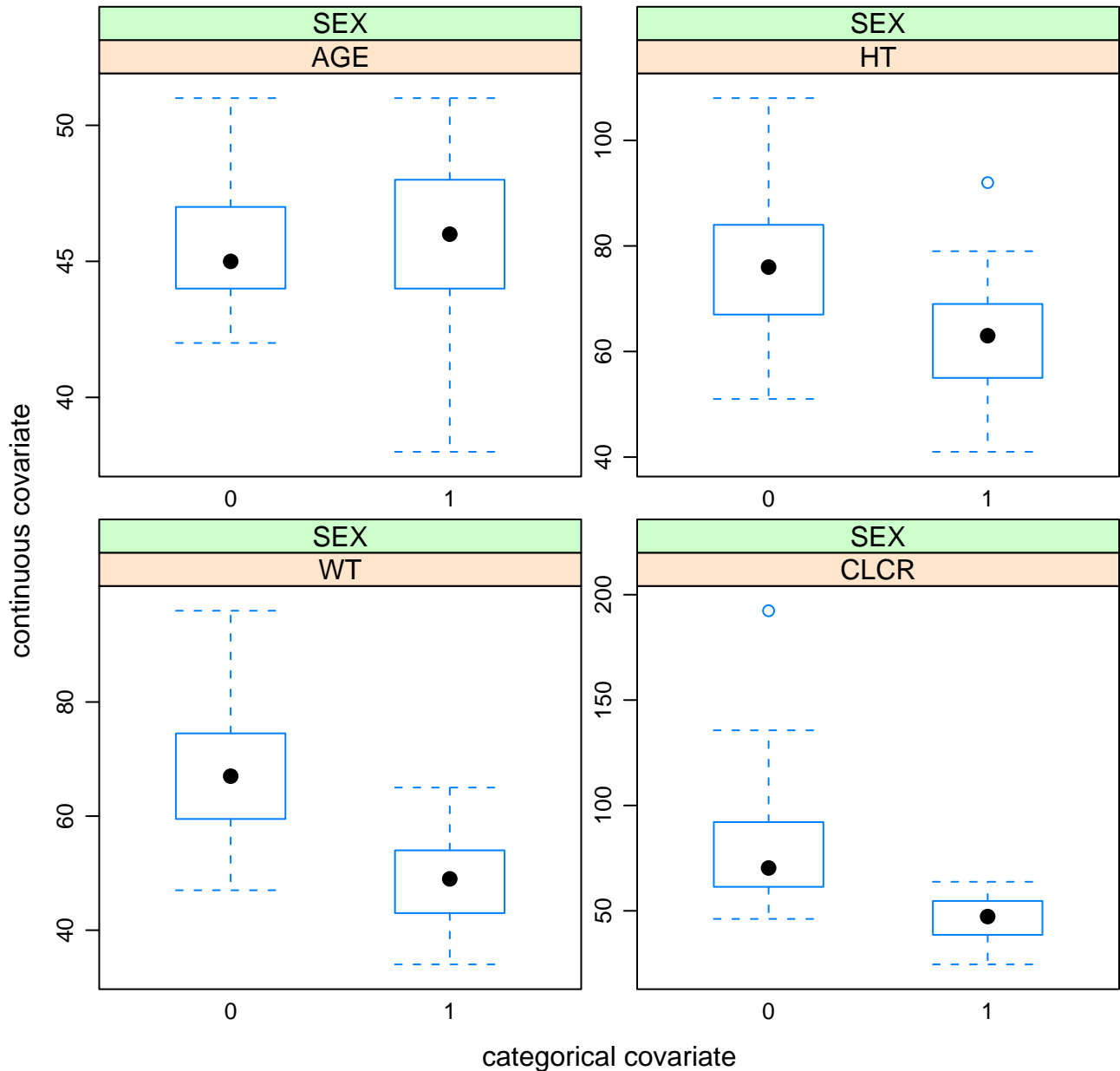


WRES

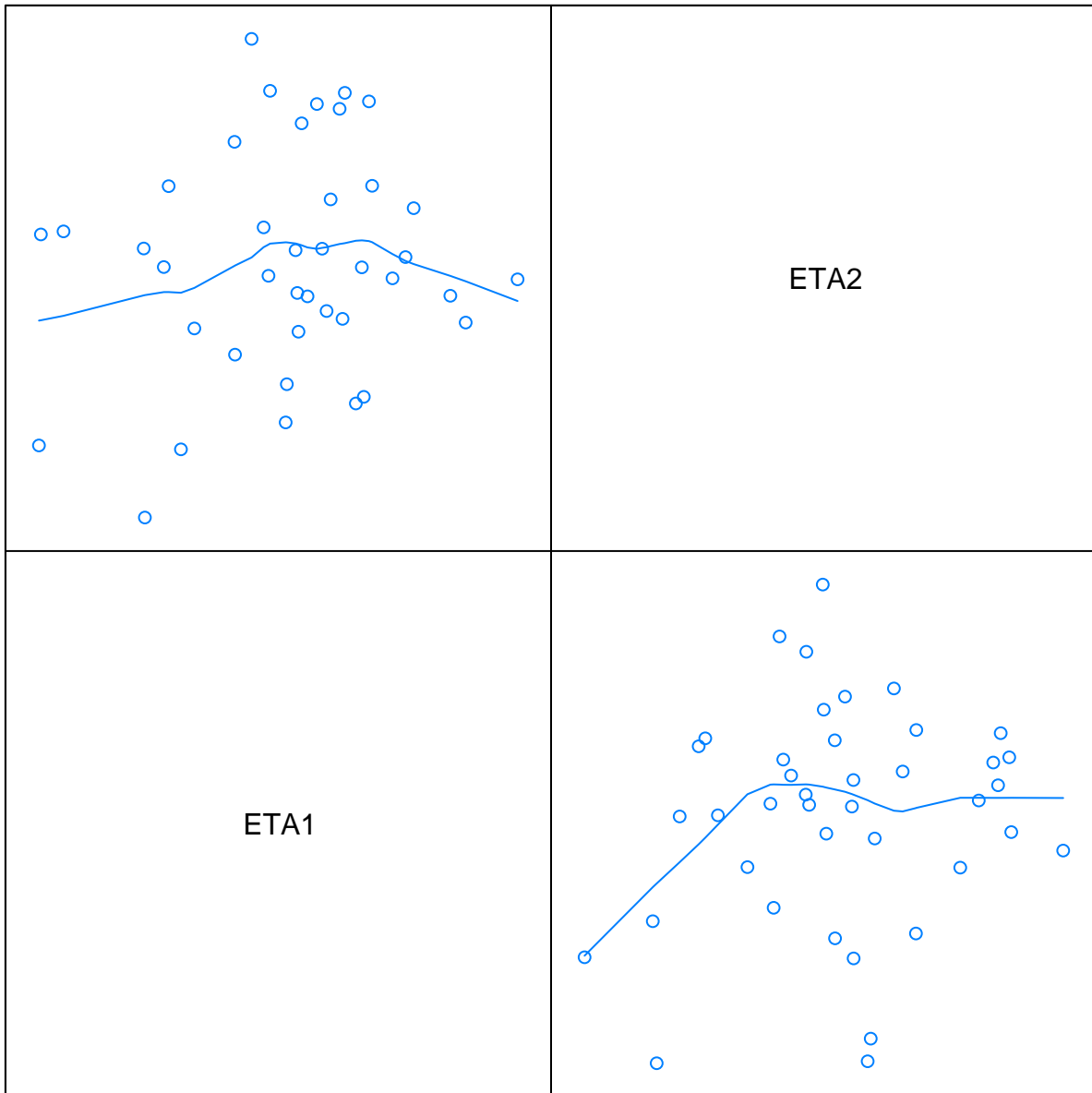
Covariate Scatterplots



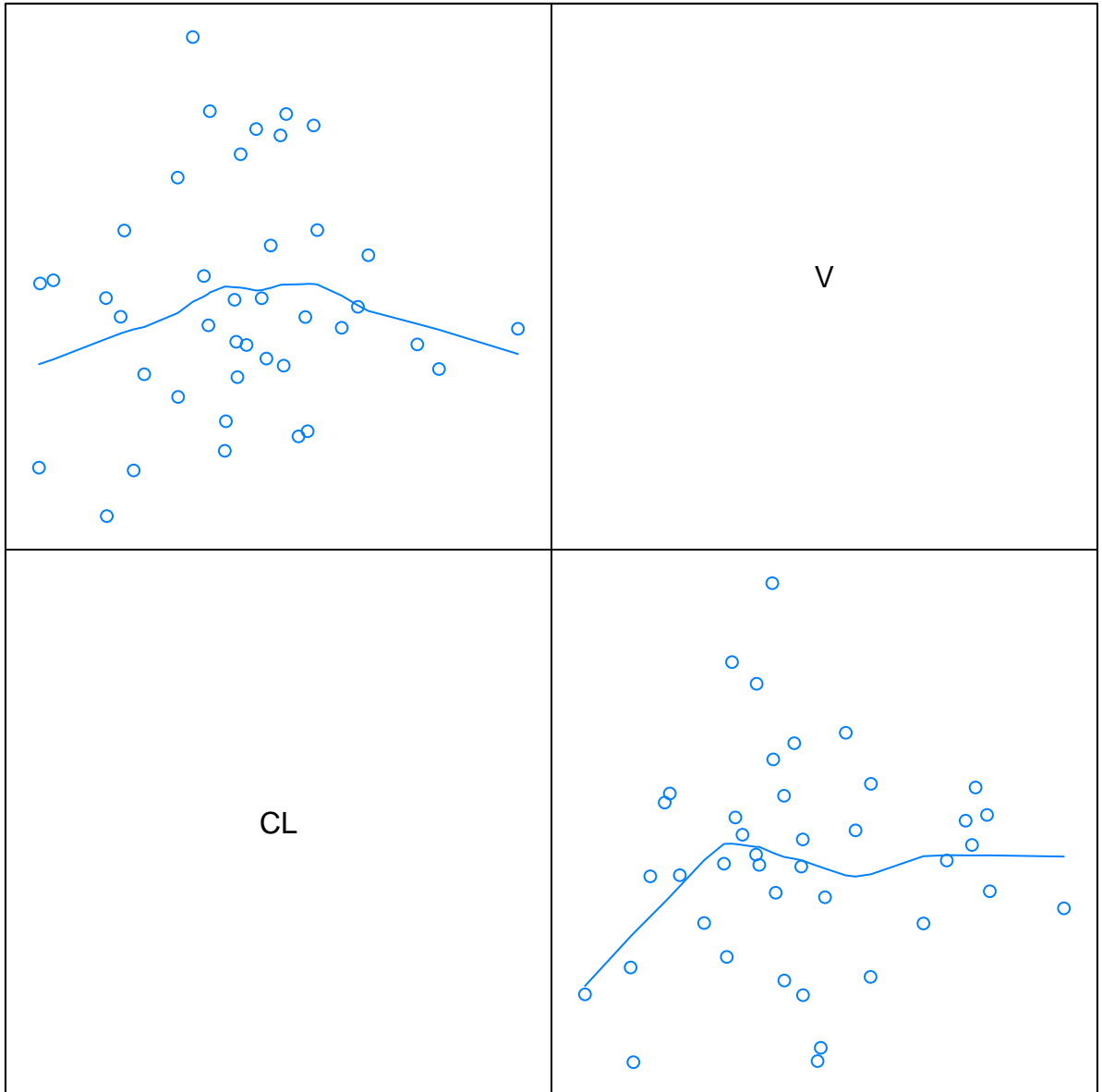
Continuous Covariates vs. Categorical Covariates



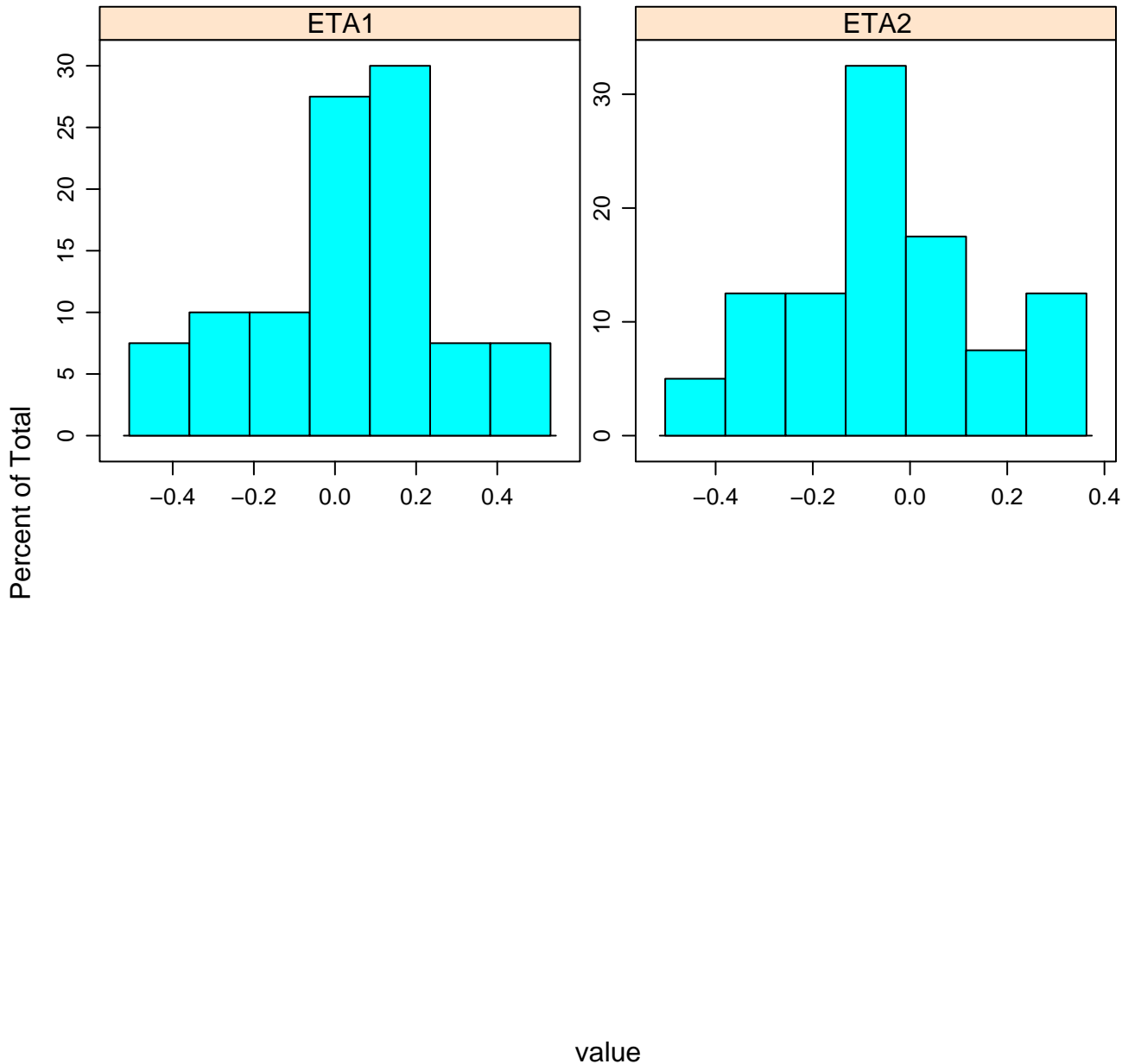
ETA Scatterplots



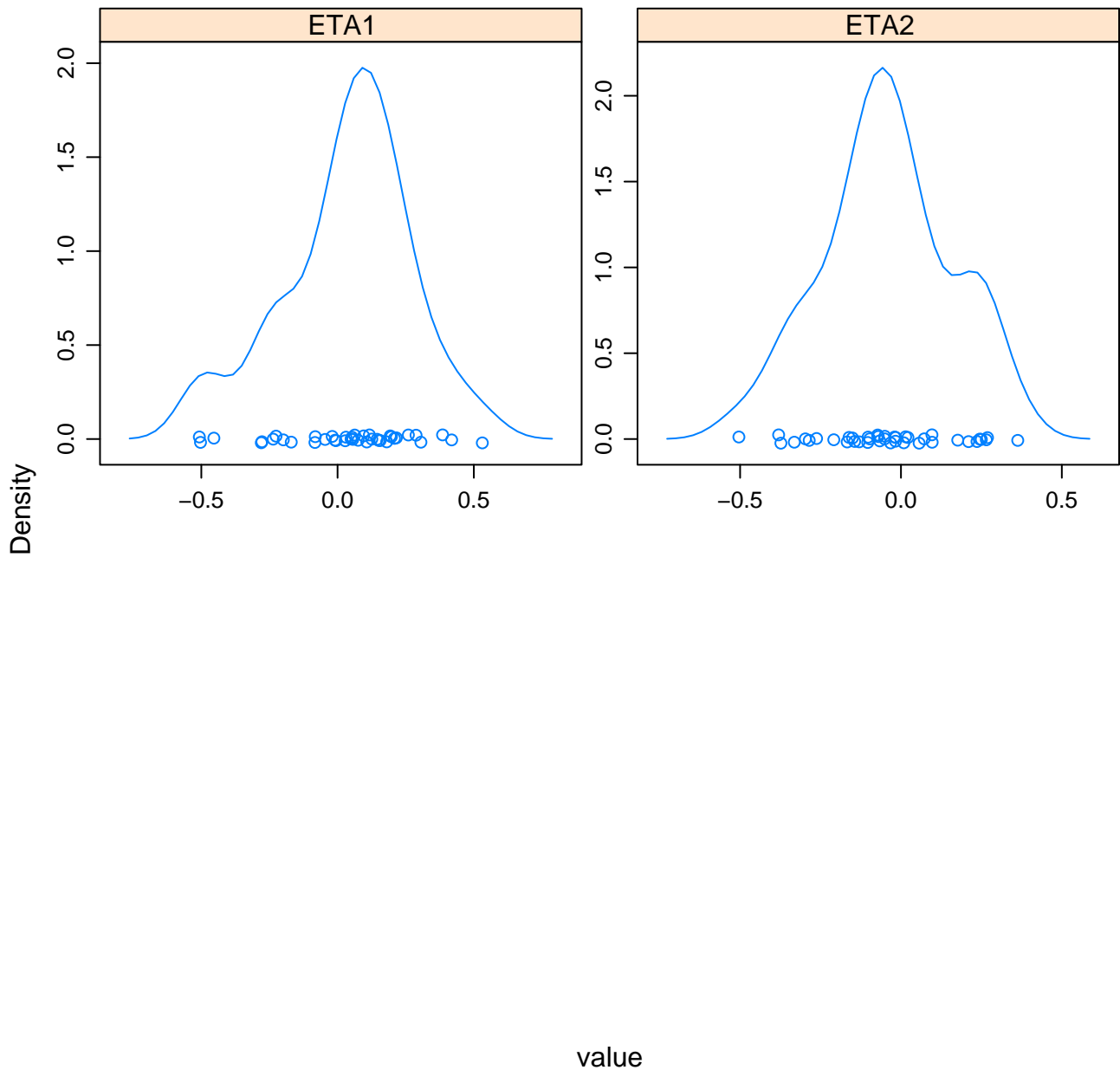
Parameter Scatterplots



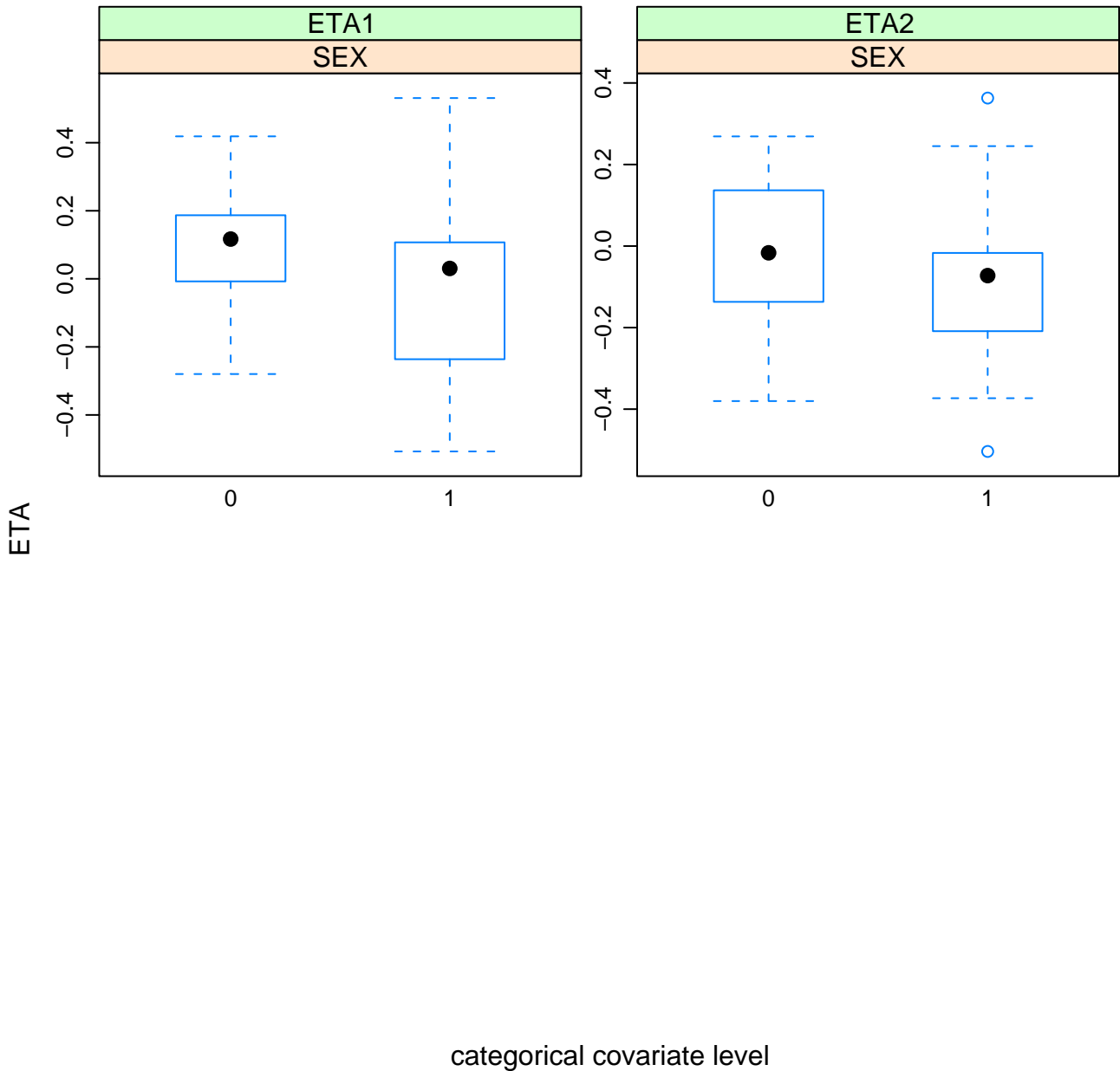
Histograms of Etas



Density of Etas

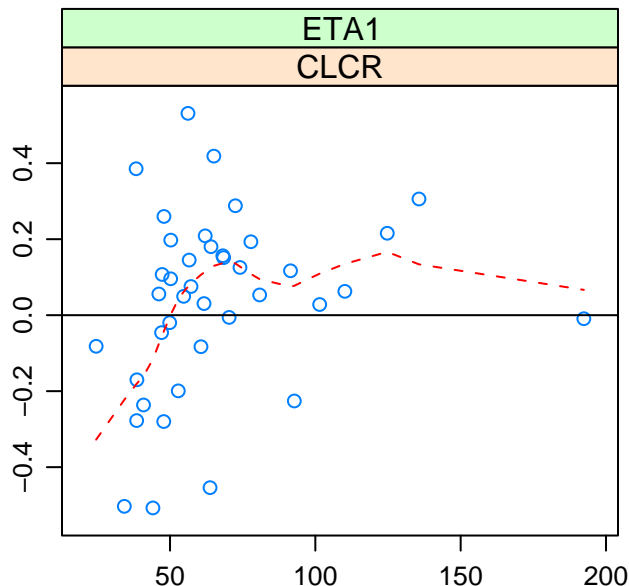
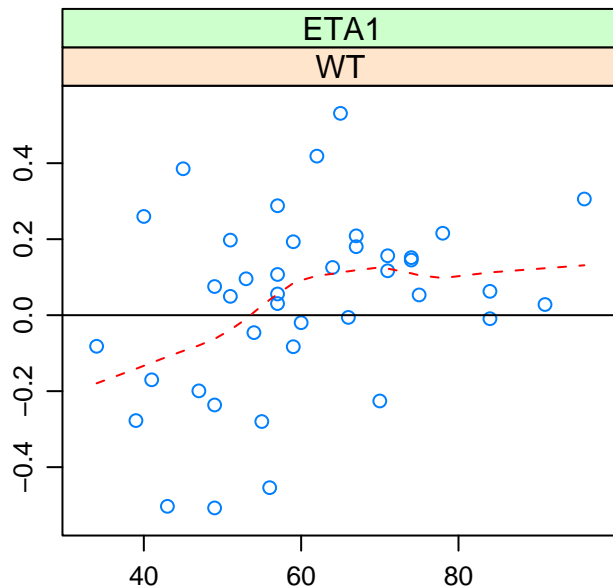
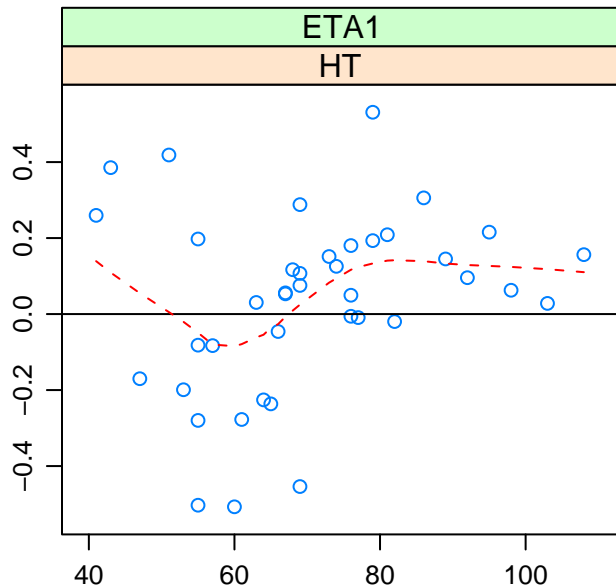
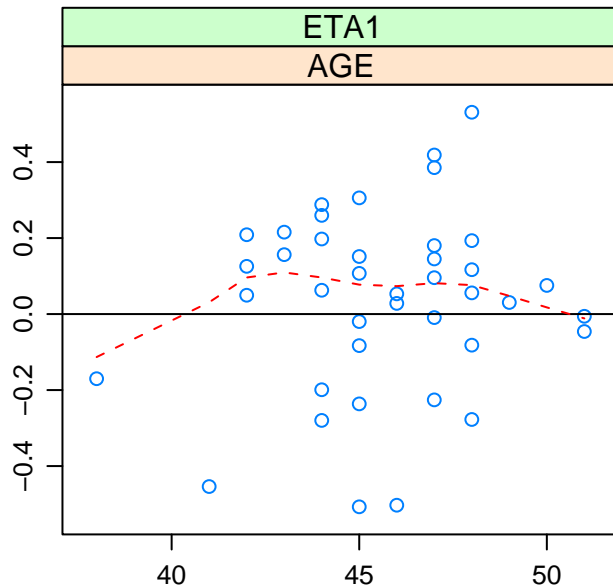


Boxplots of Etas by Categorical Covariate



Etas vs. Continuous Covariates

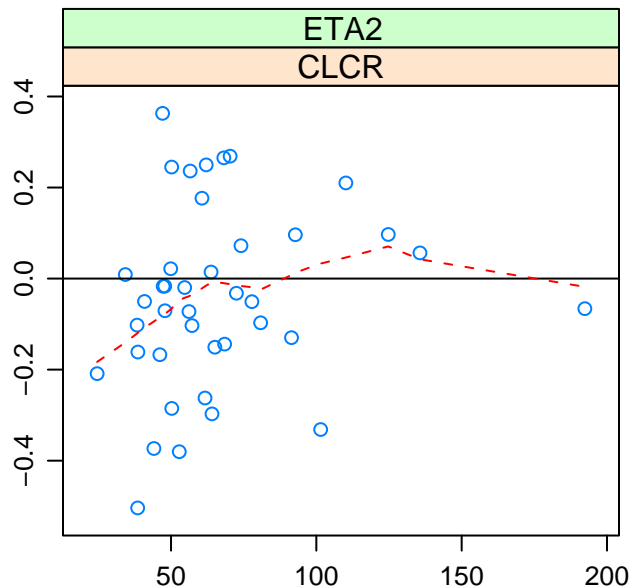
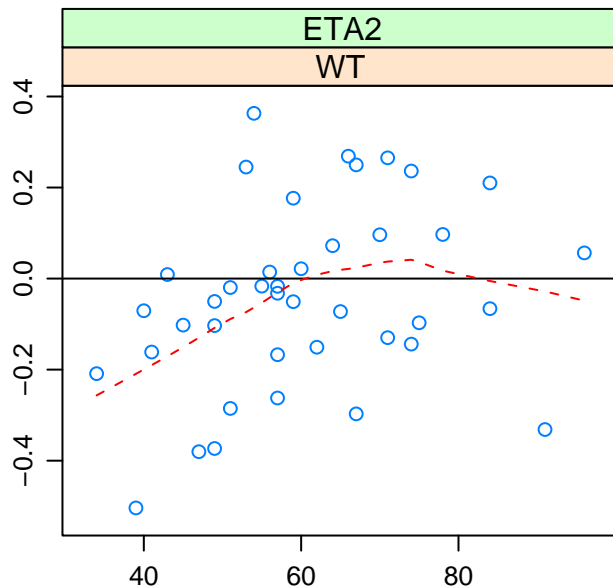
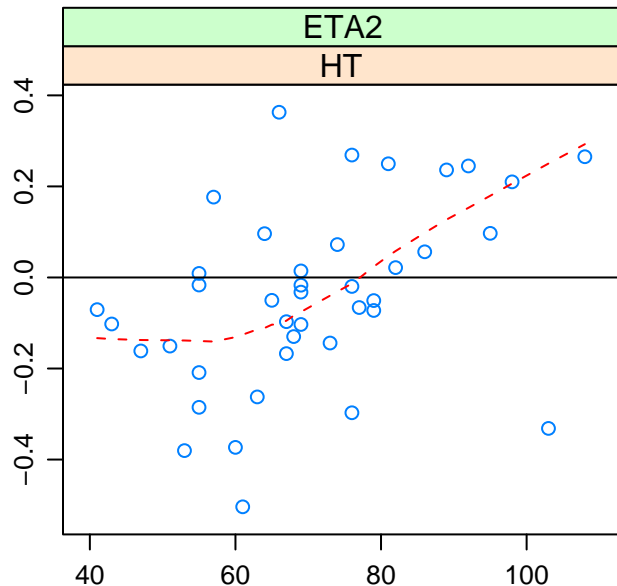
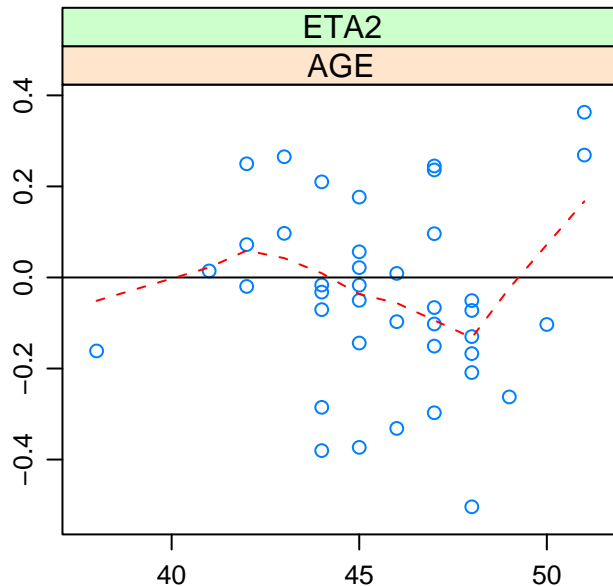
ETA



continuous covariate

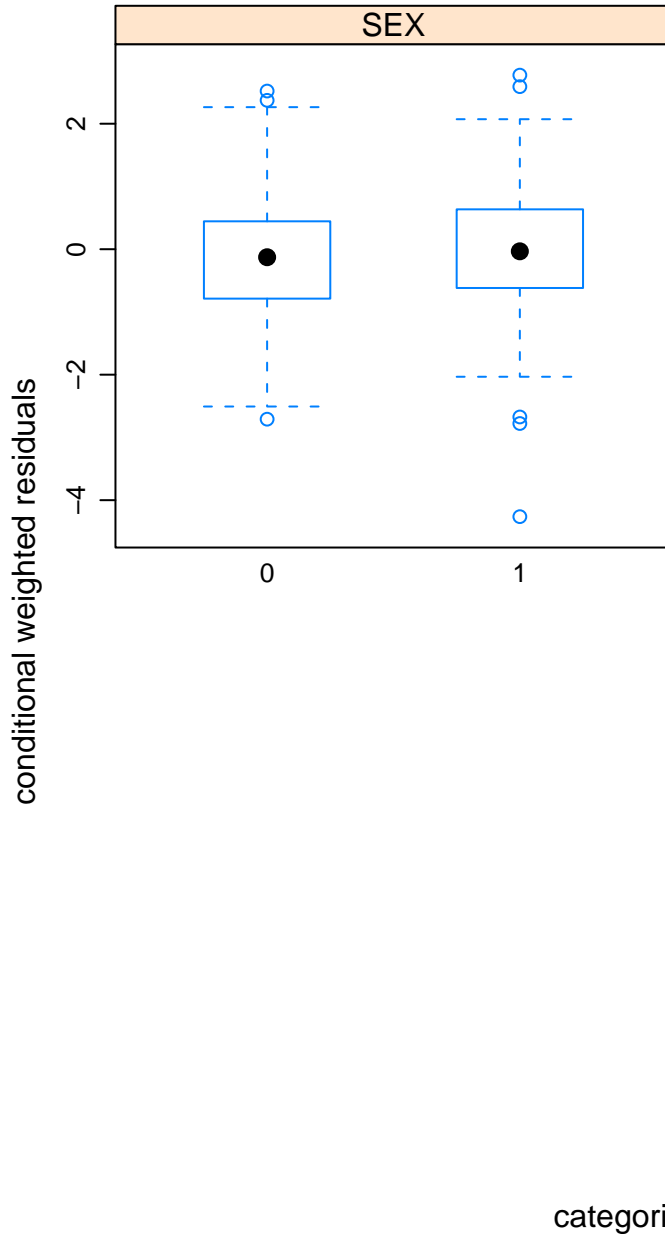
Etas vs. Continuous Covariates

ETA



continuous covariate

CWRES vs. Categorical Covariates



CWRES vs. Continuous Covariates

