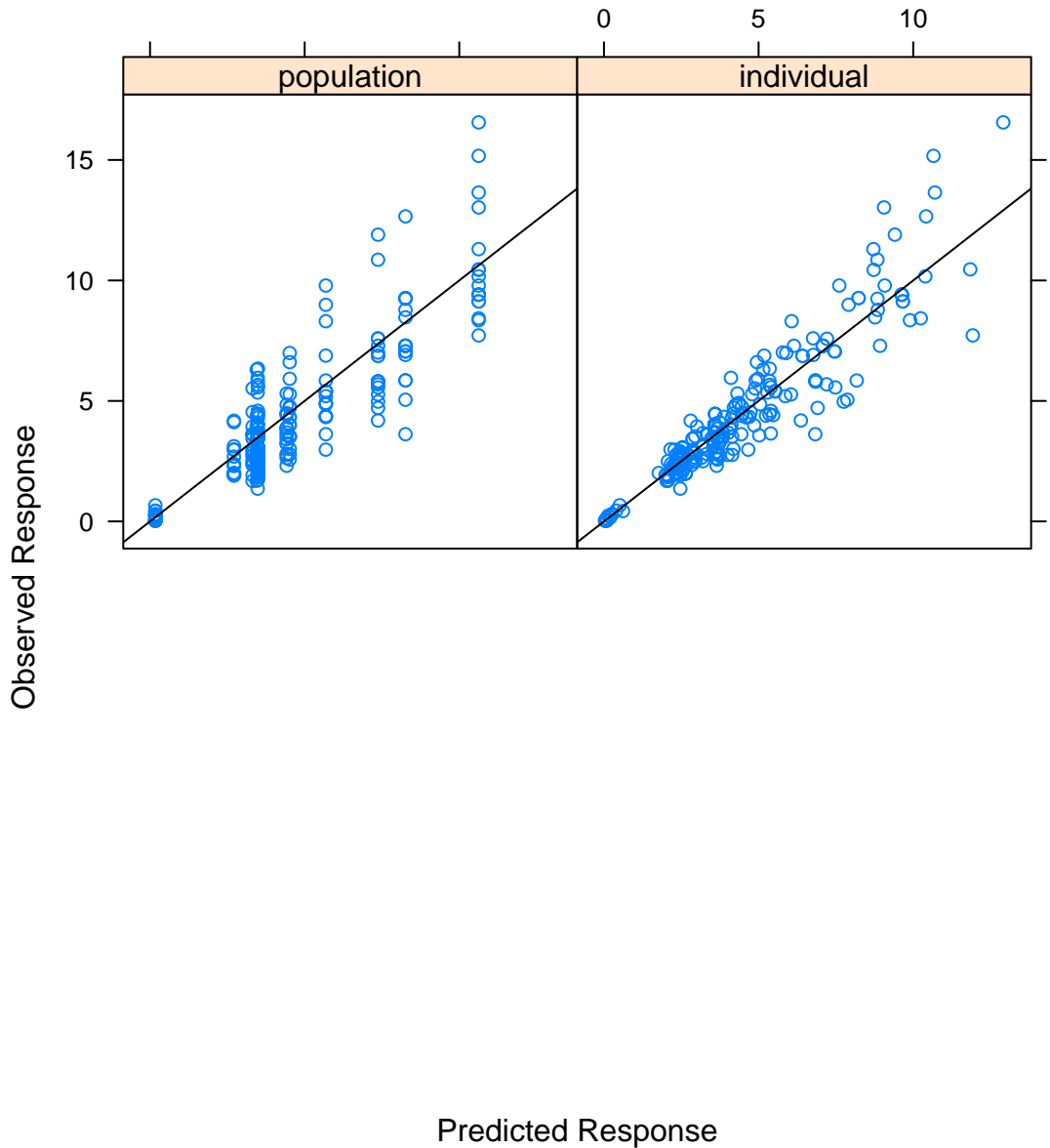


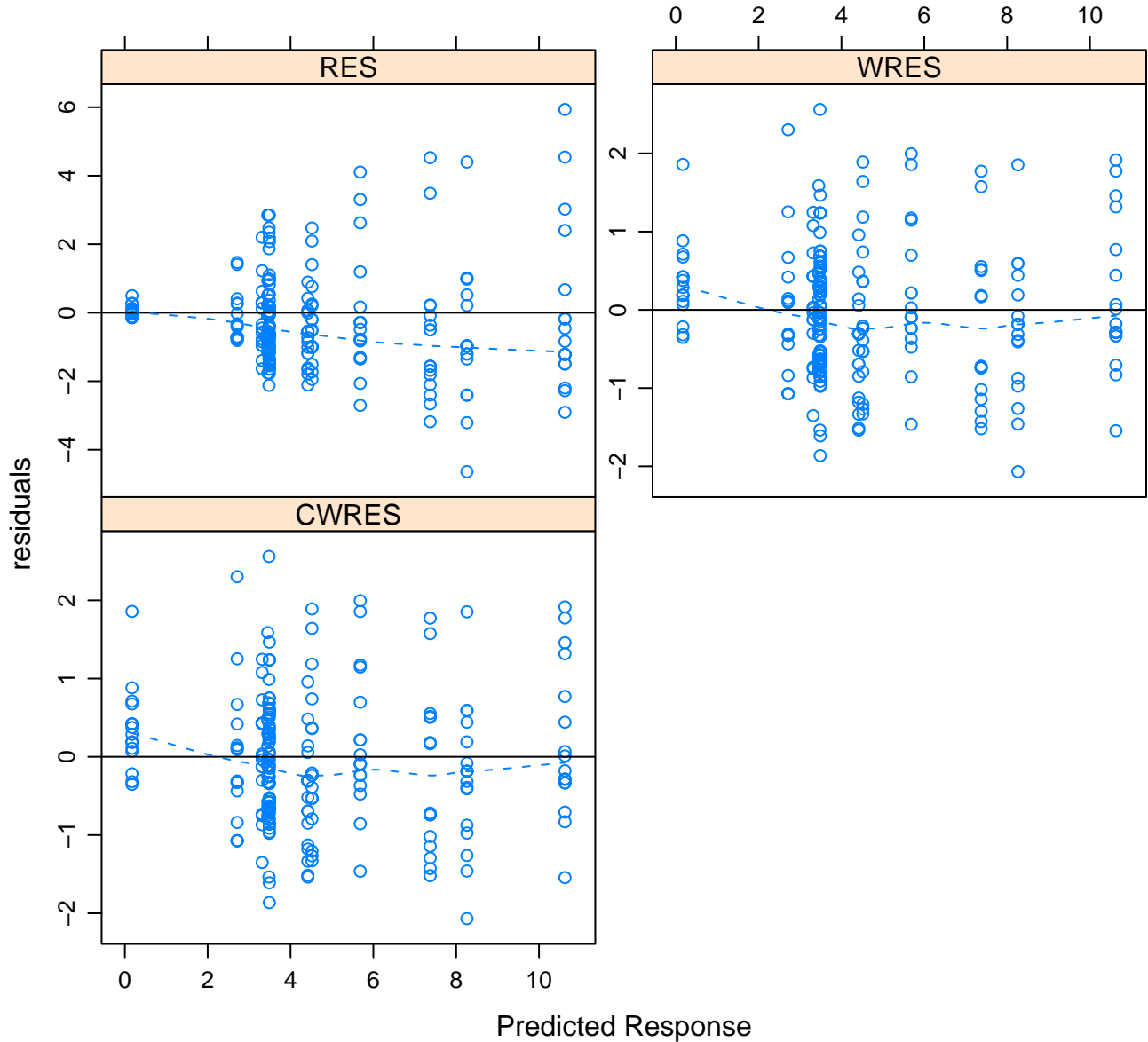
Model 1001

Observed vs. Predicted for female data



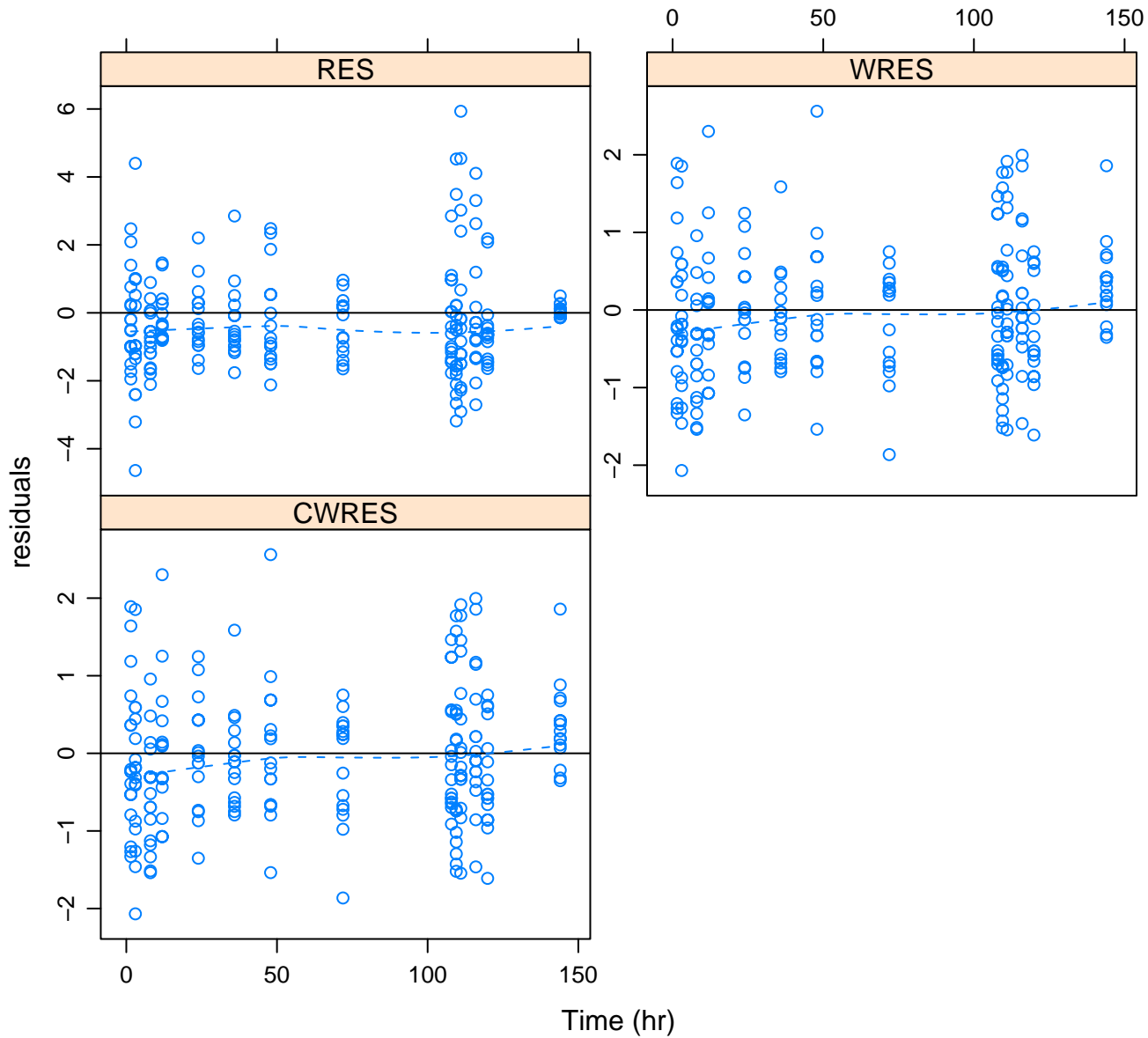
Model 1001

Residuals vs. Predicted for female data



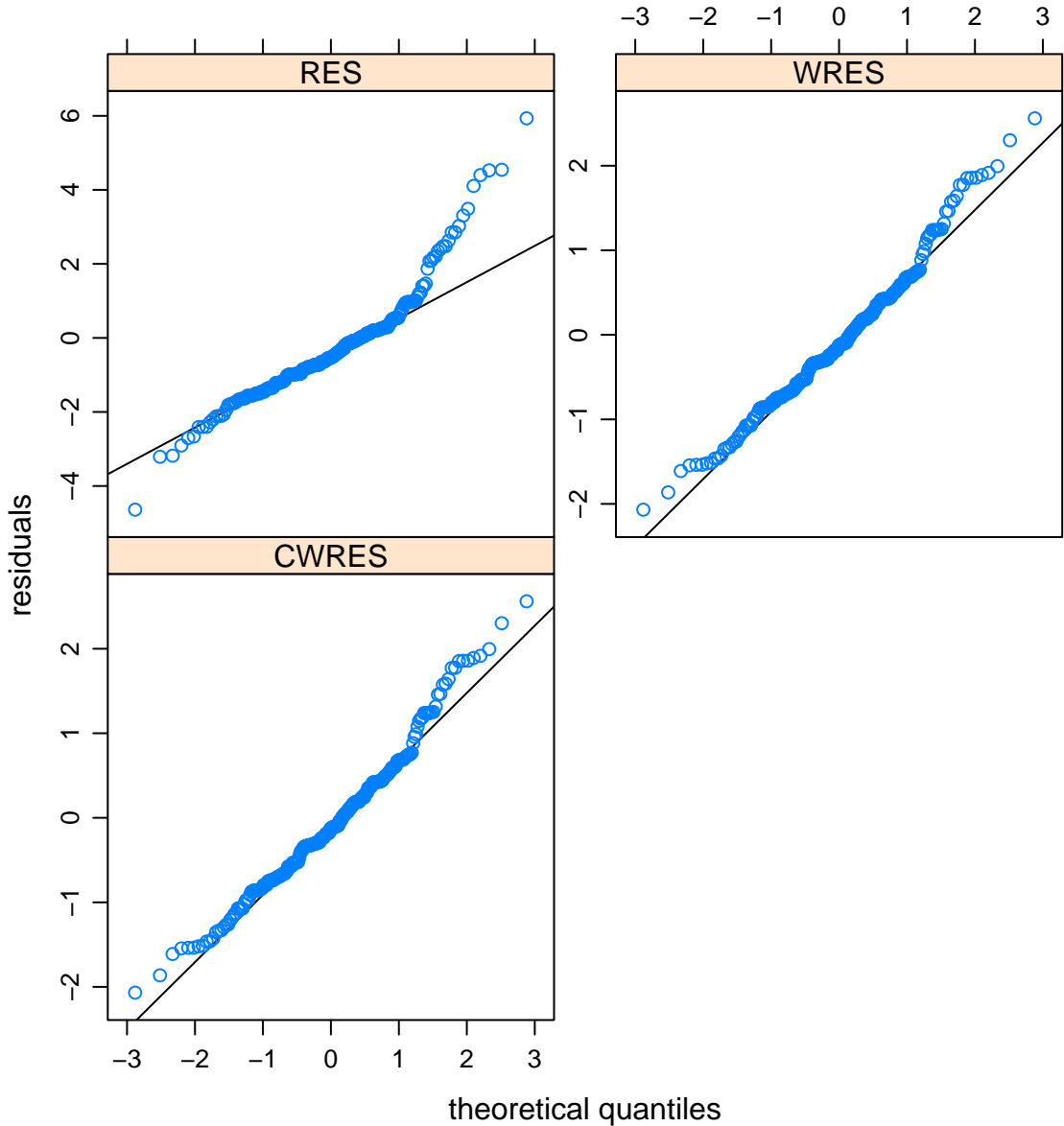
Model 1001

Residuals vs. Time for female data



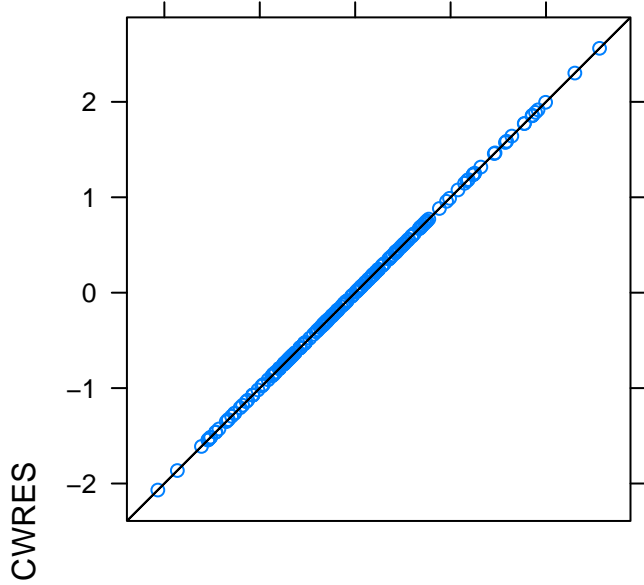
Model 1001

Normal Q-Q Plot Residuals for female data



Model 1001

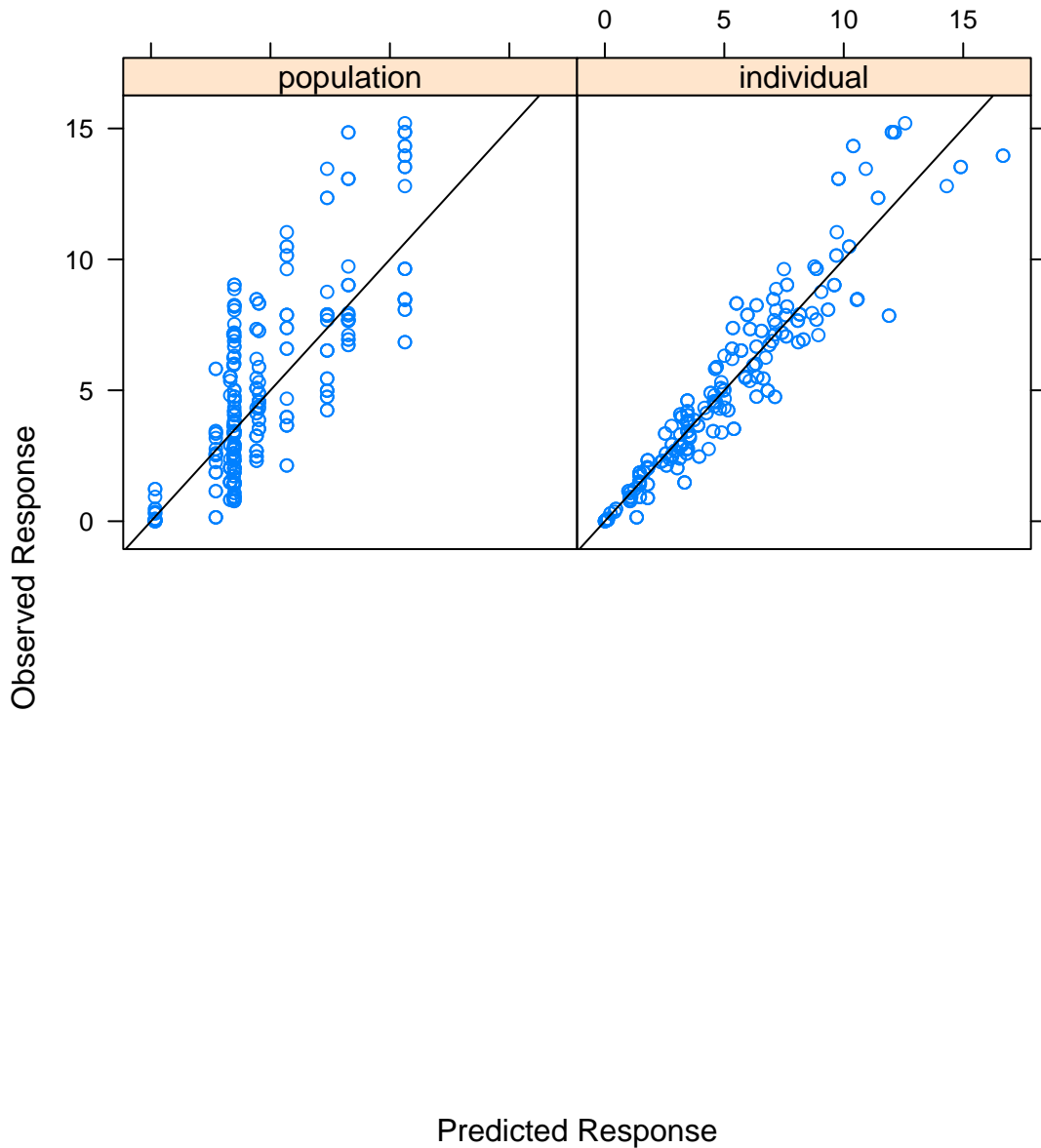
Q-Q Plot of CWRES vs. WRES for female data



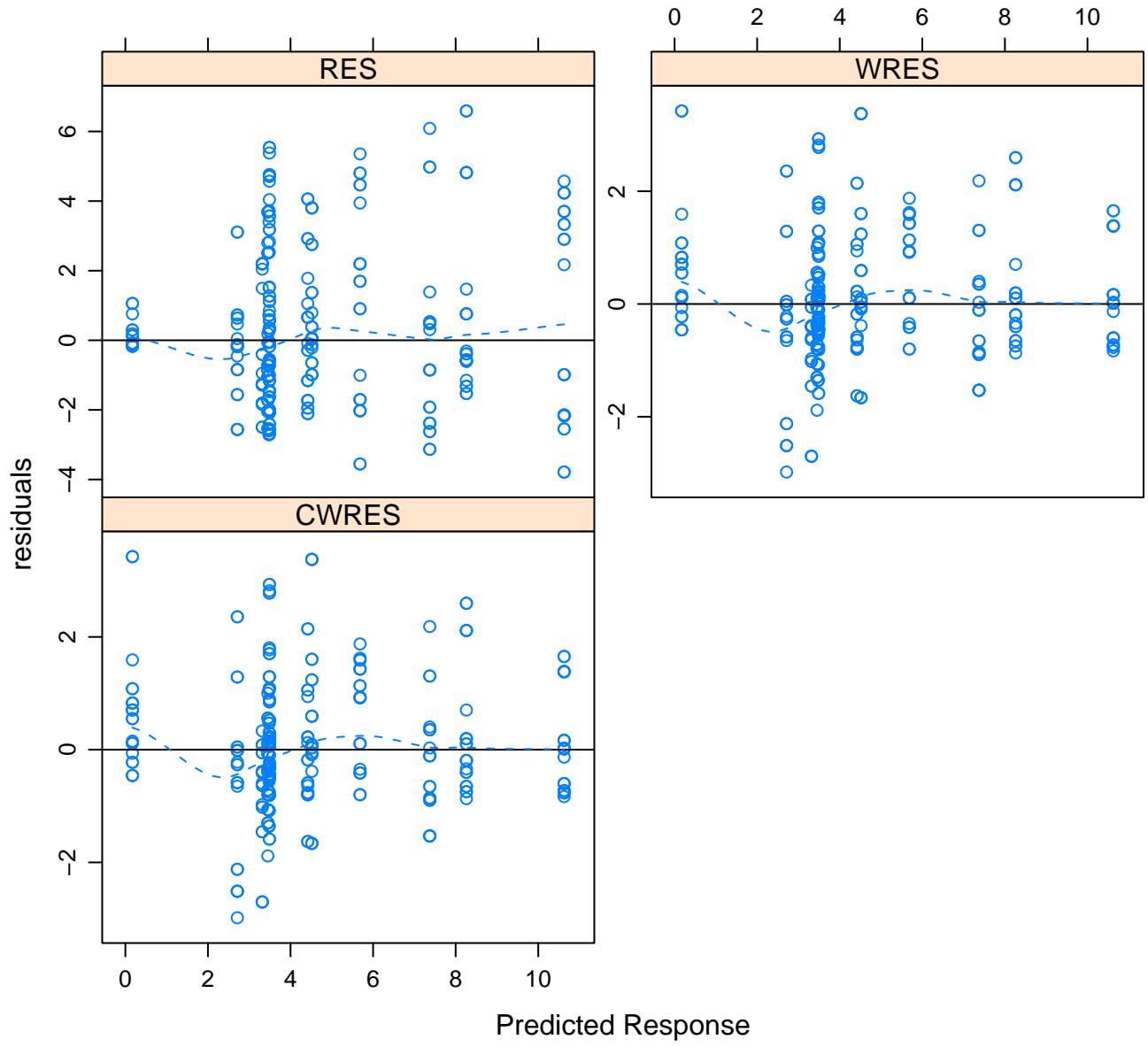
WRES

Model 1001

Observed vs. Predicted for male data

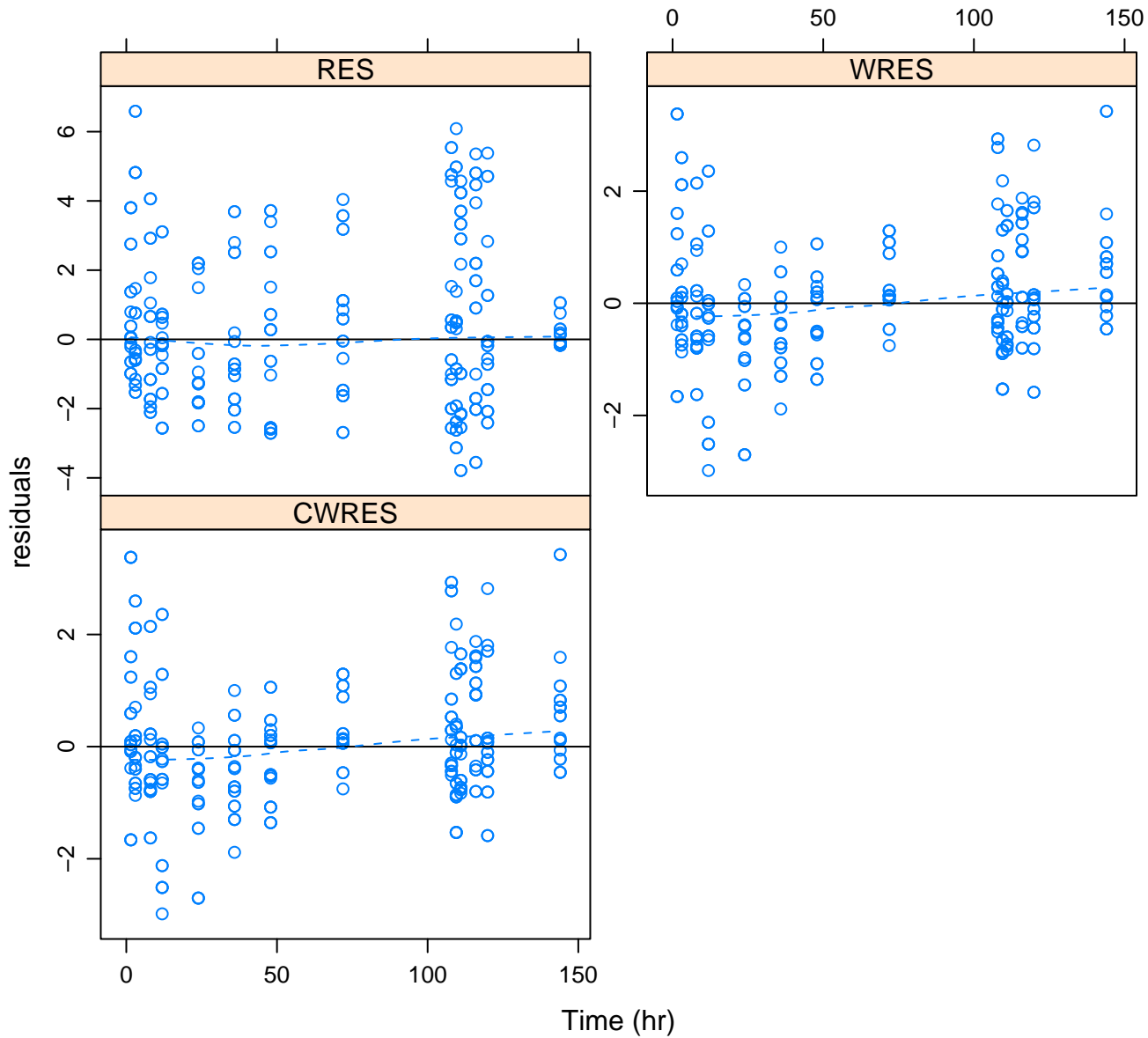


Model 1001
Residuals vs. Predicted for male data



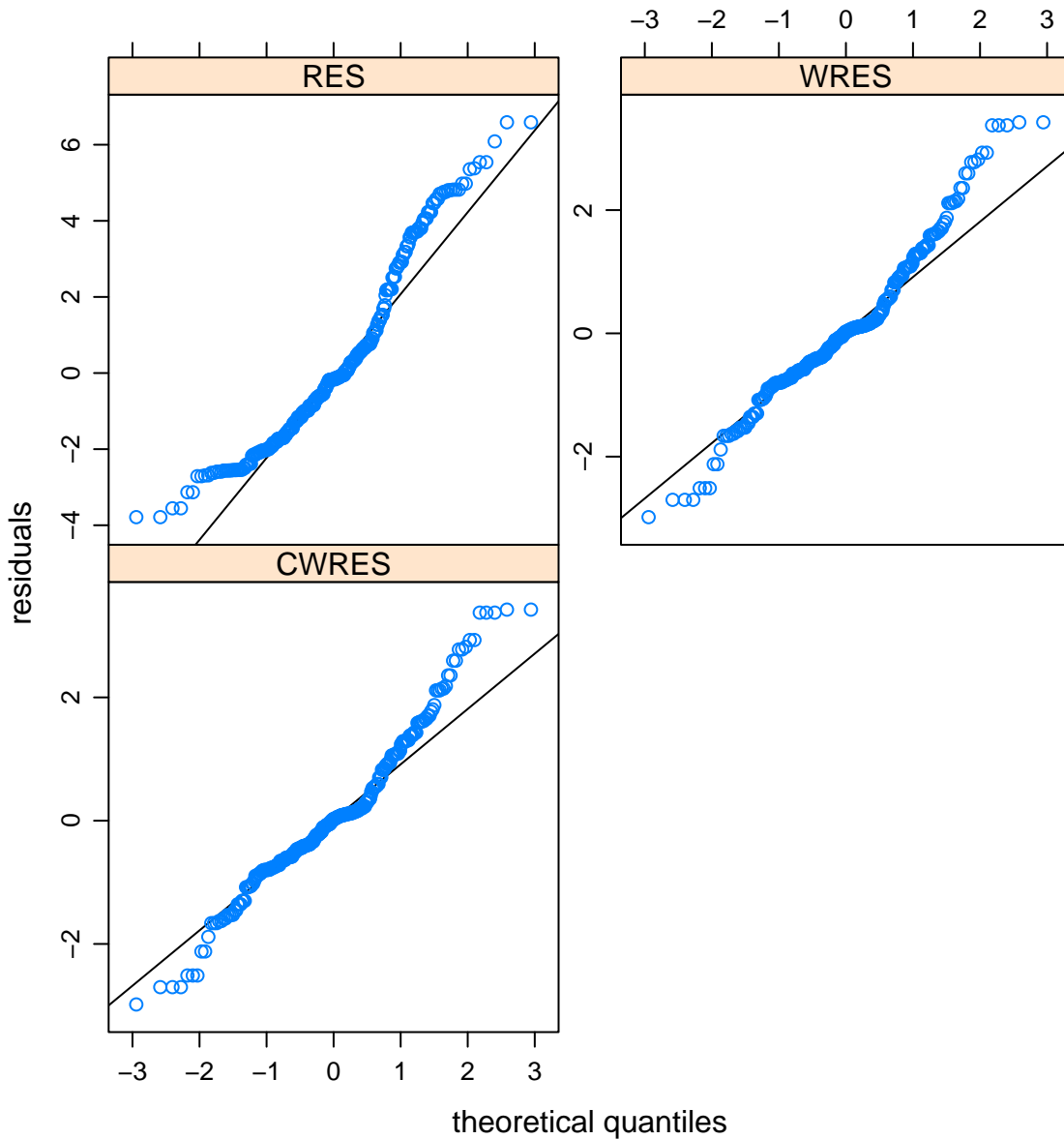
Model 1001

Residuals vs. Time for male data



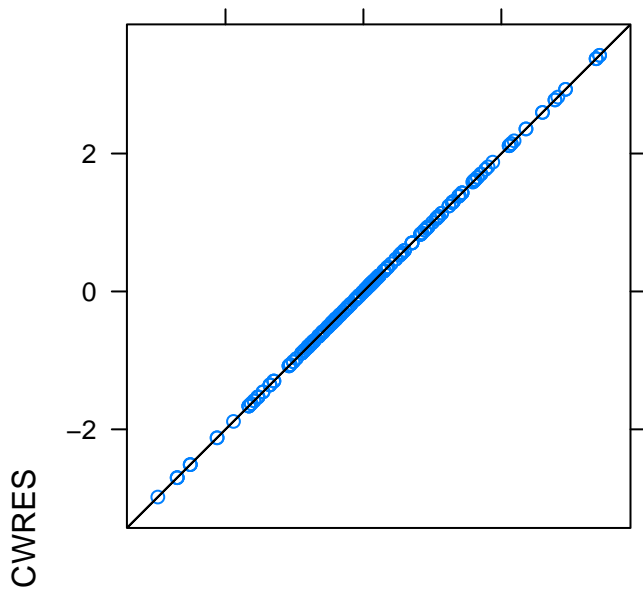
Model 1001

Normal Q-Q Plot Residuals for male data

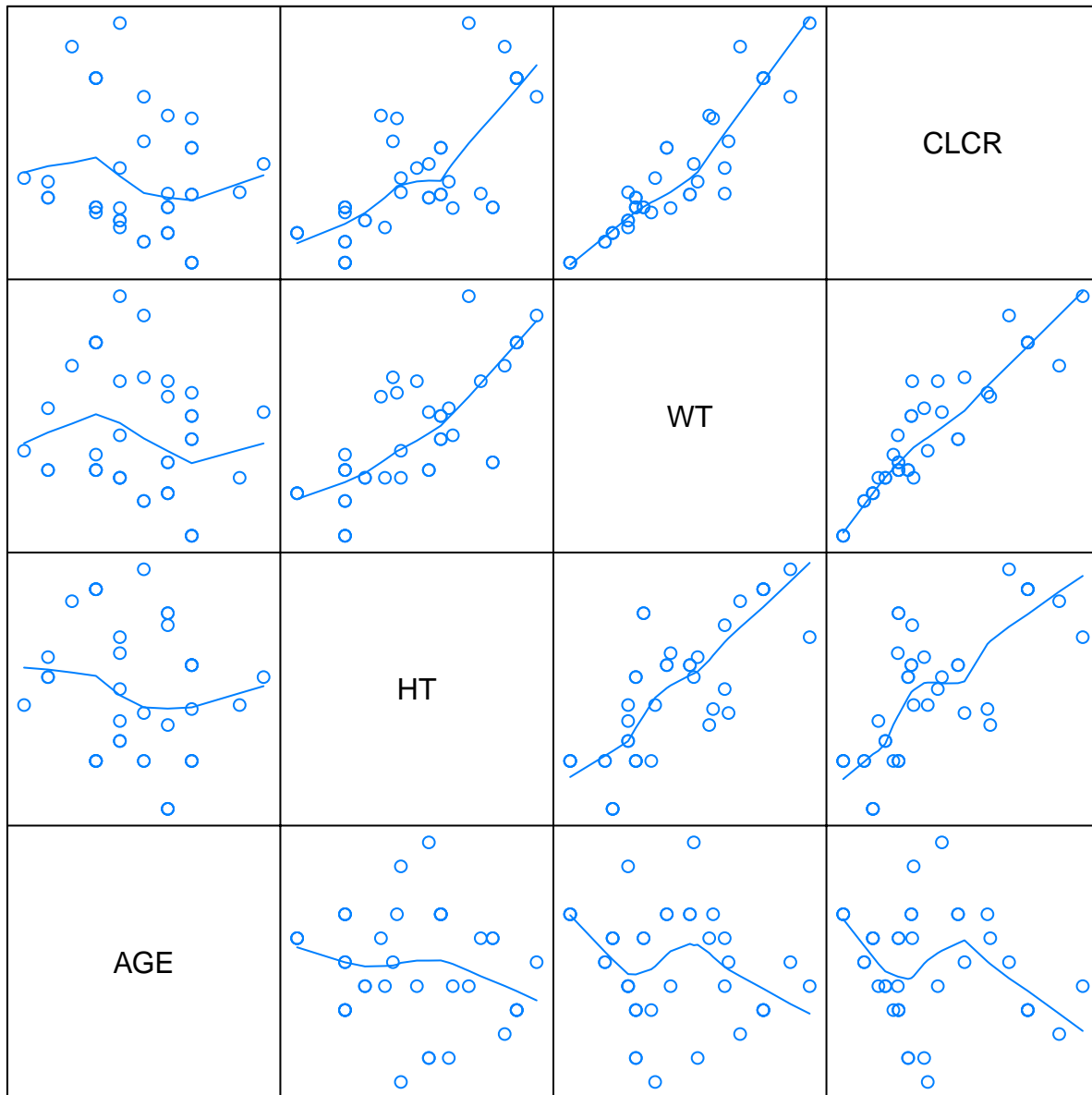


Model 1001

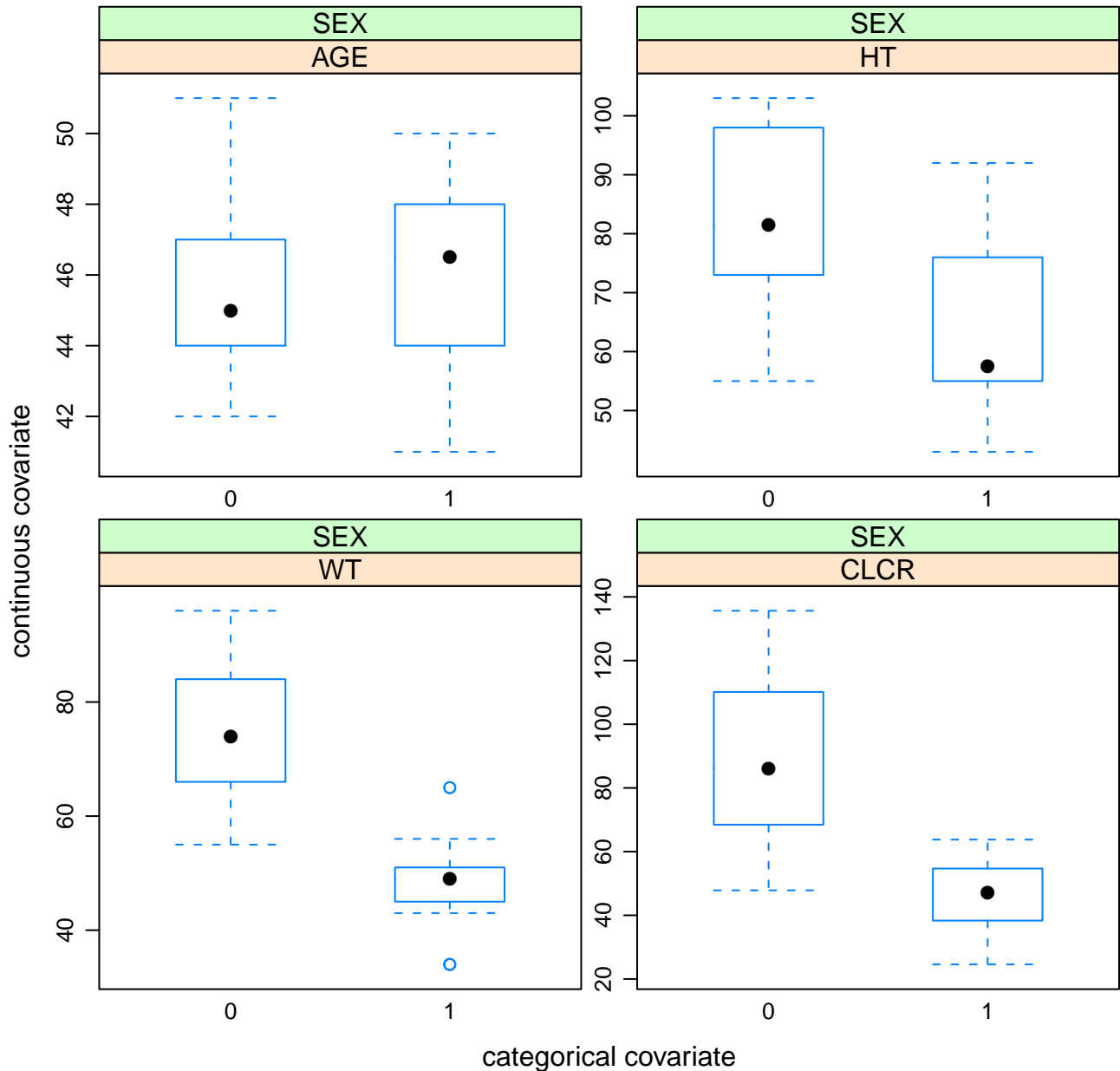
Q-Q Plot of CWRES vs. WRES for male data



Covariate Scatterplots



Continuous Covariates vs. Categorical Covariates

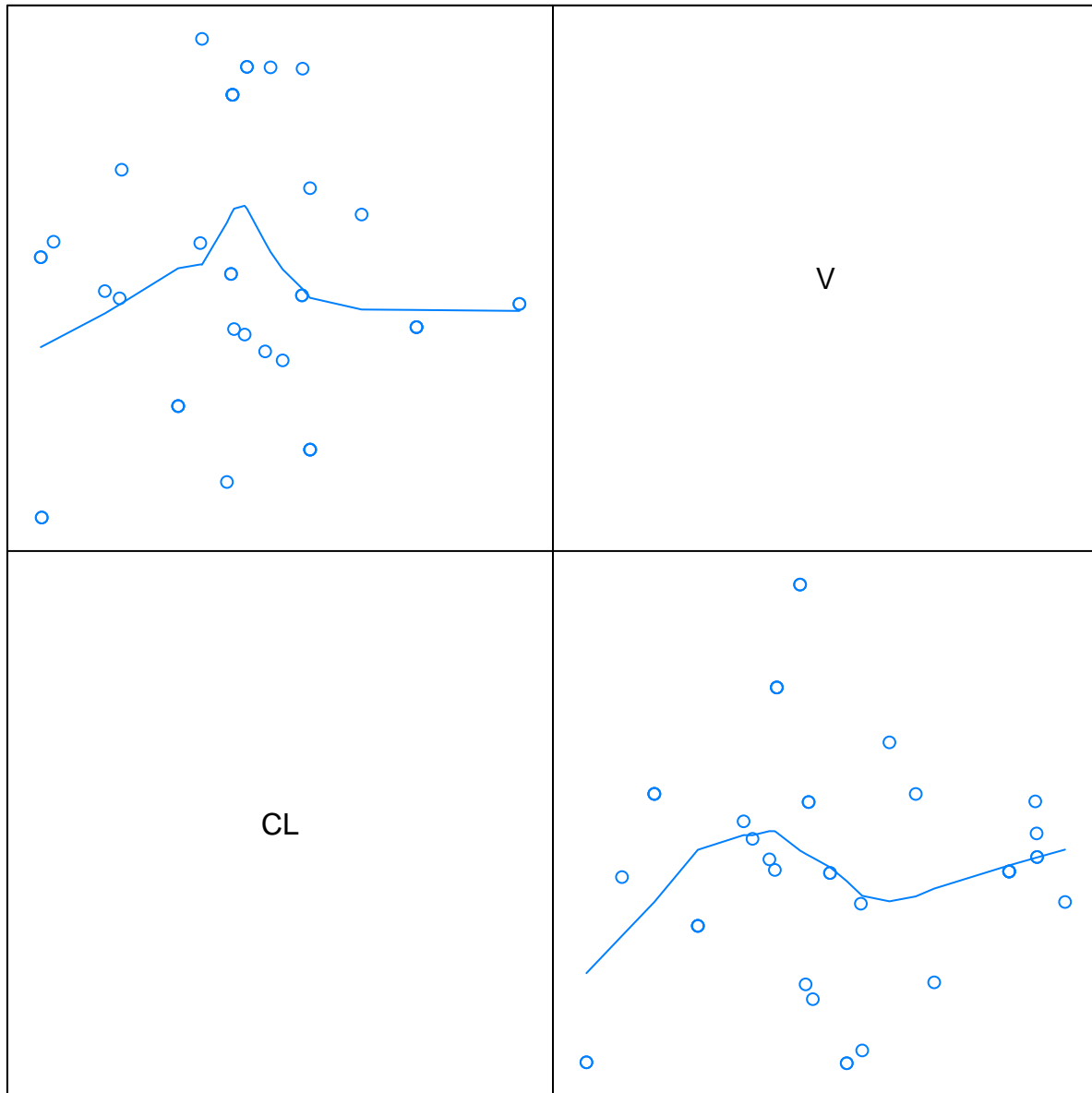


ETA Scatterplots

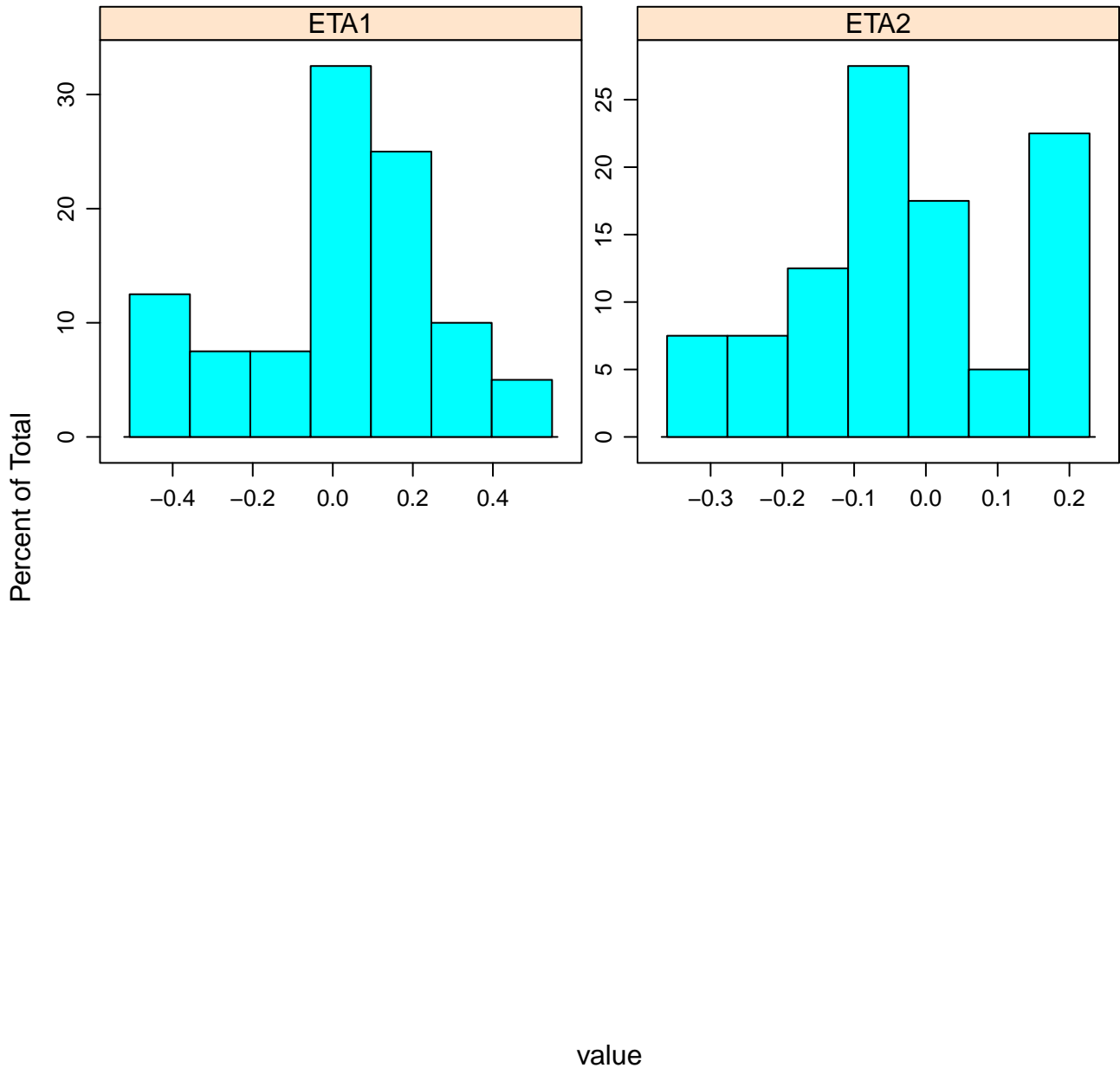
ETA2

ETA1

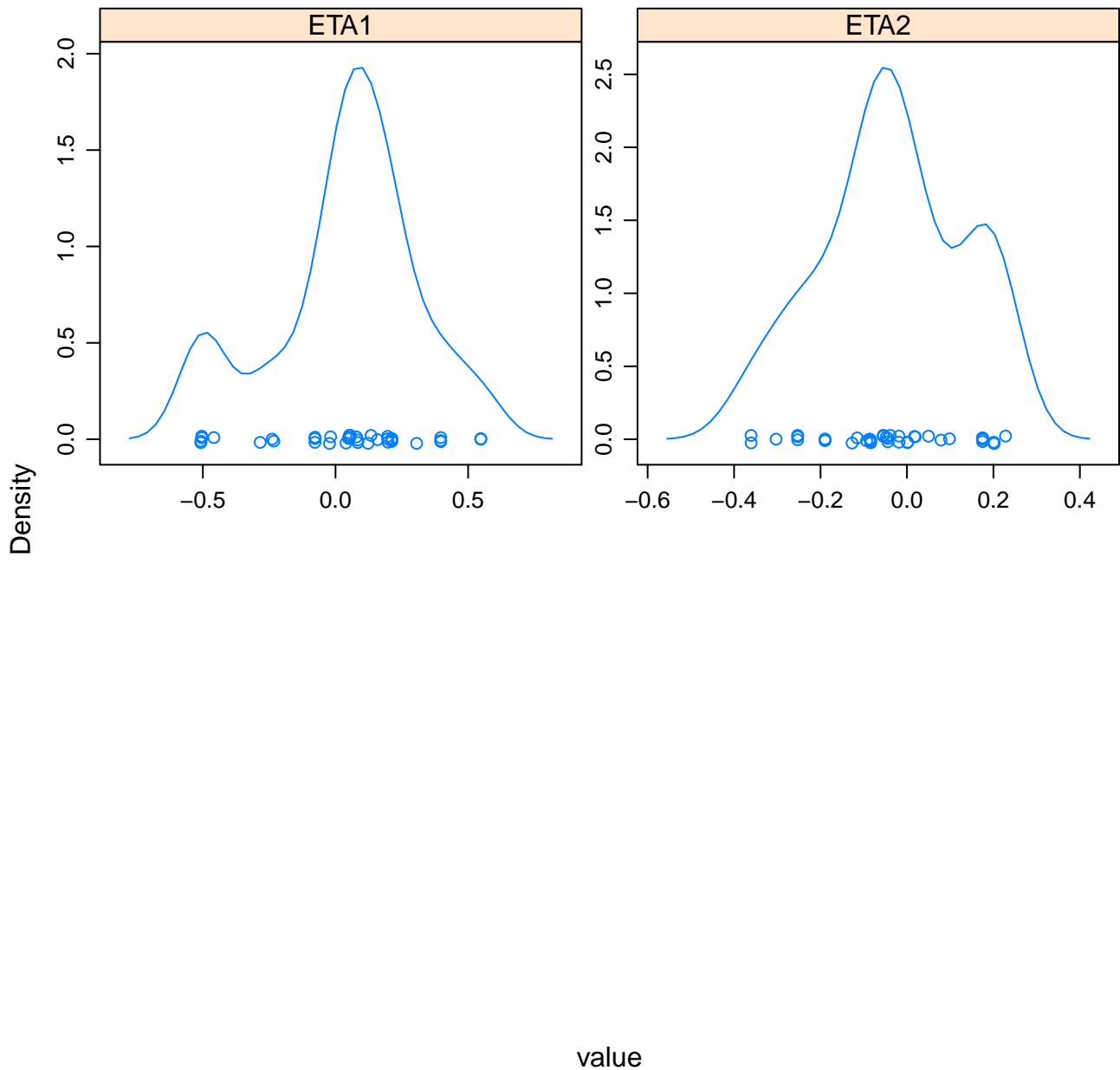
Parameter Scatterplots



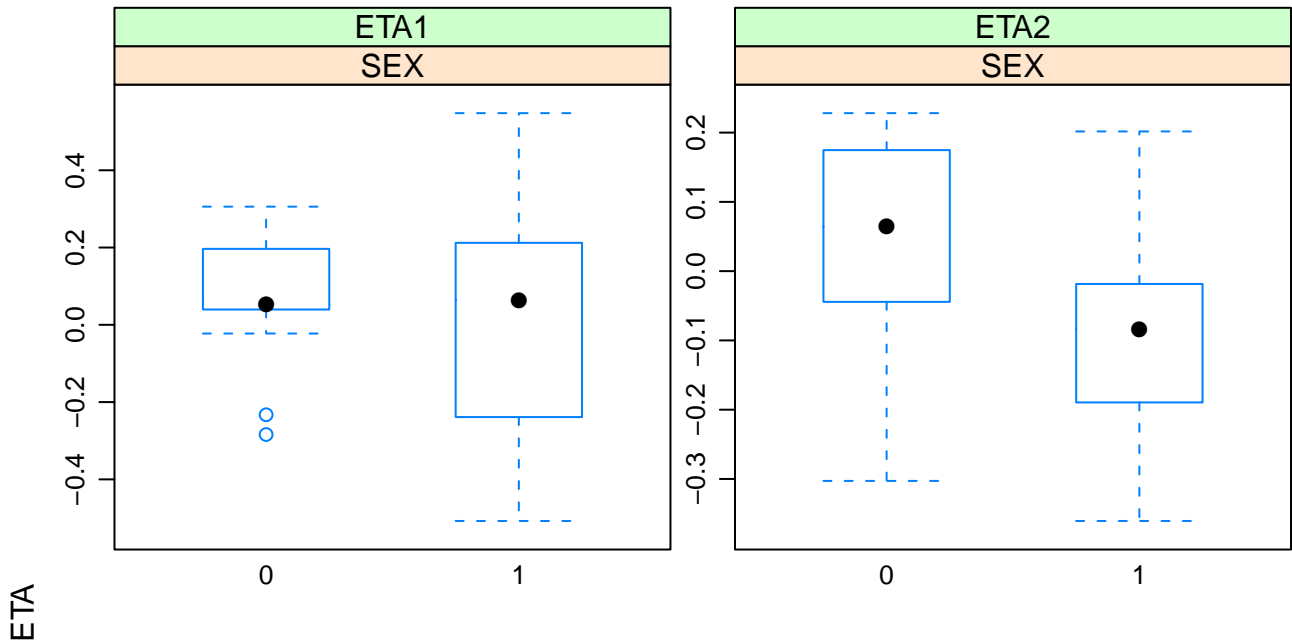
Histograms of Etas



Density of Etas

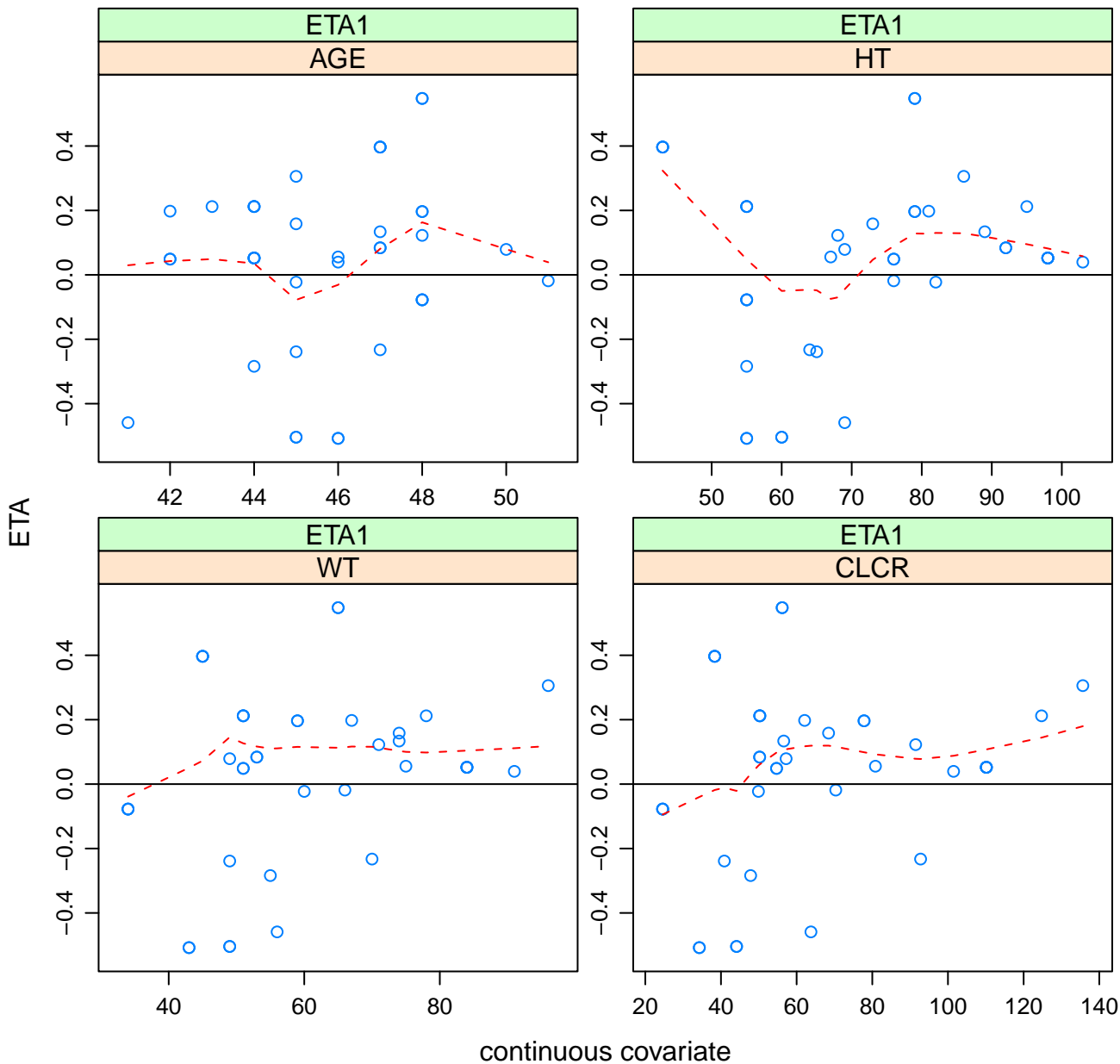


Boxplots of Etas by Categorical Covariate

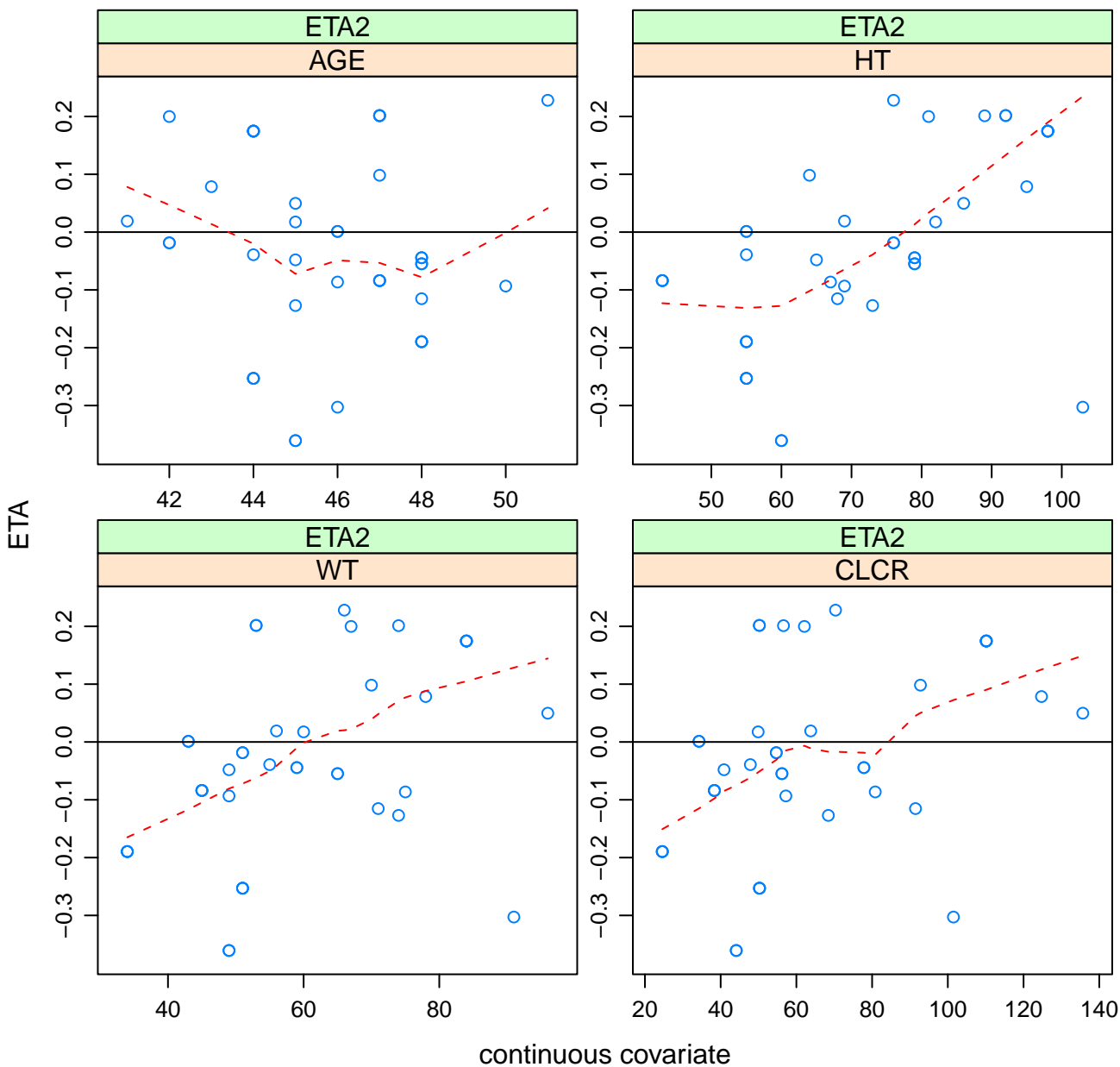


categorical covariate level

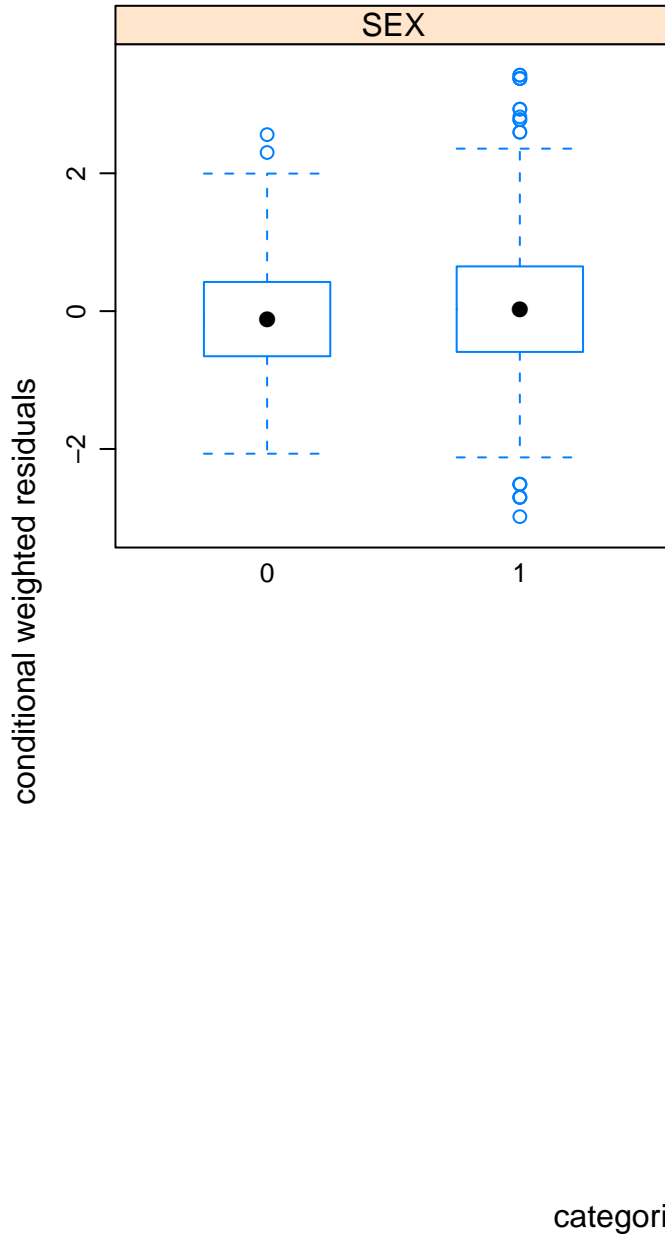
Etas vs. Continuous Covariates



Etas vs. Continuous Covariates



CWRES vs. Categorical Covariates



CWRES vs. Continuous Covariates

