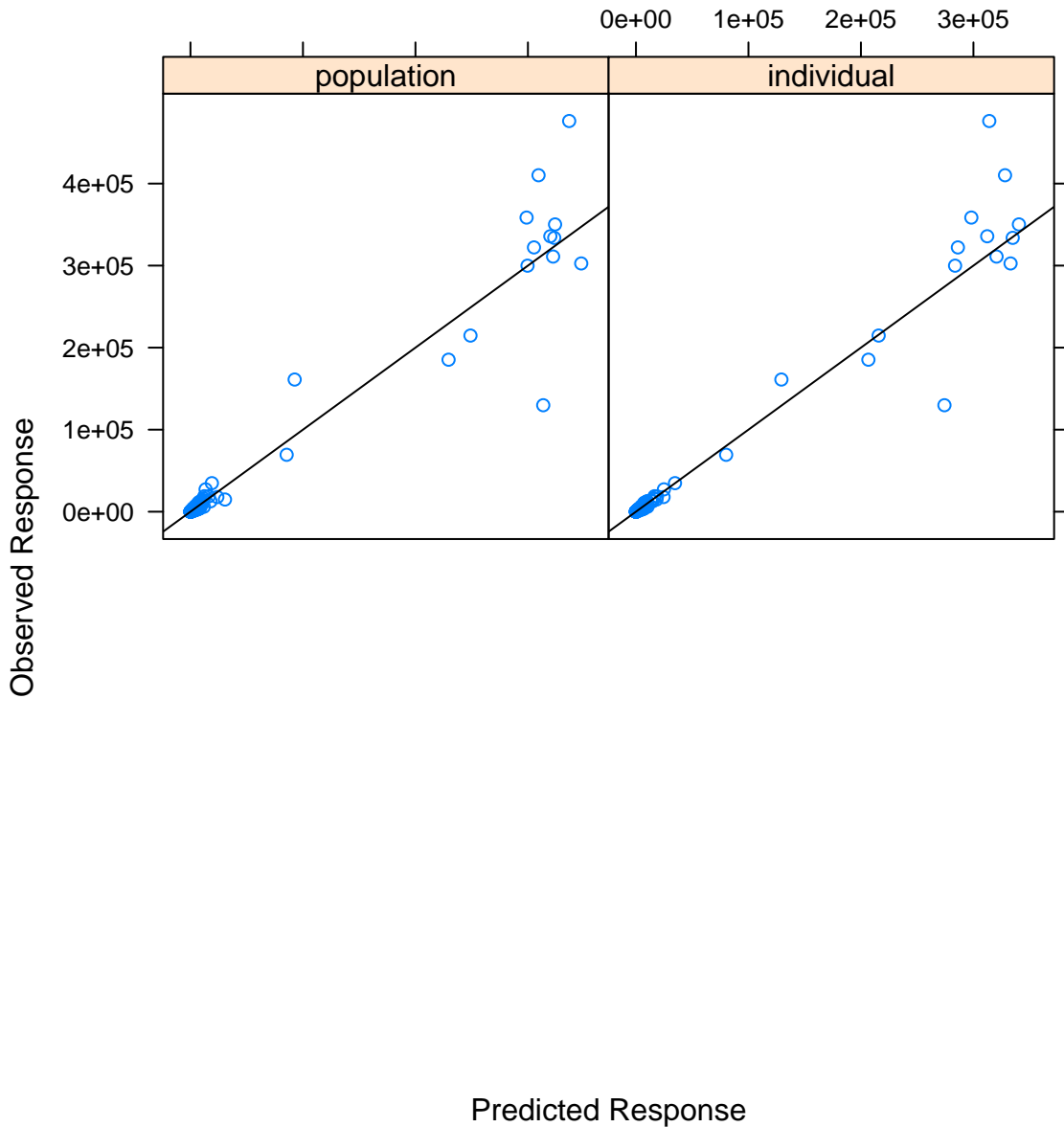


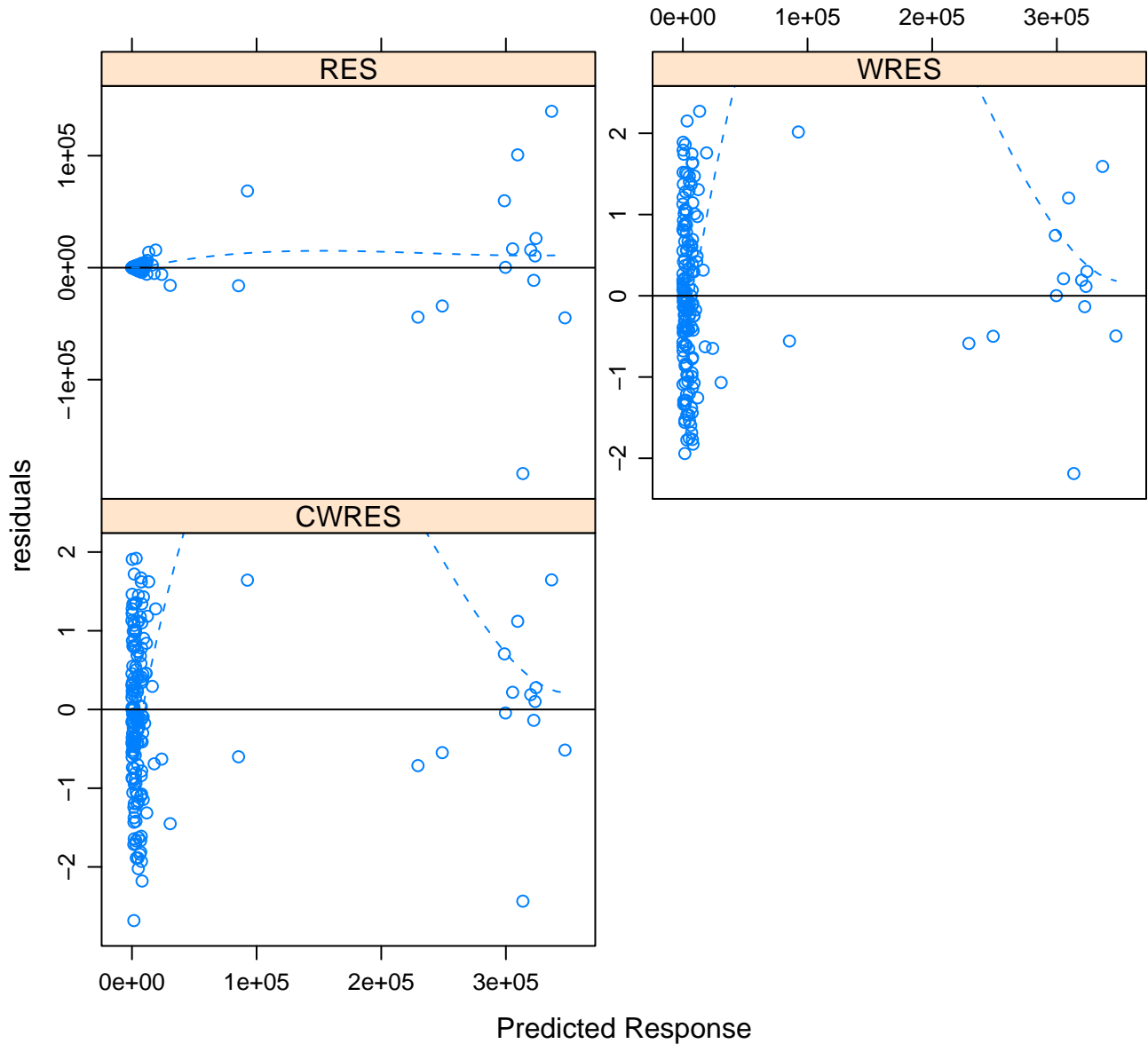
Model 2

Observed vs. Predicted for female data



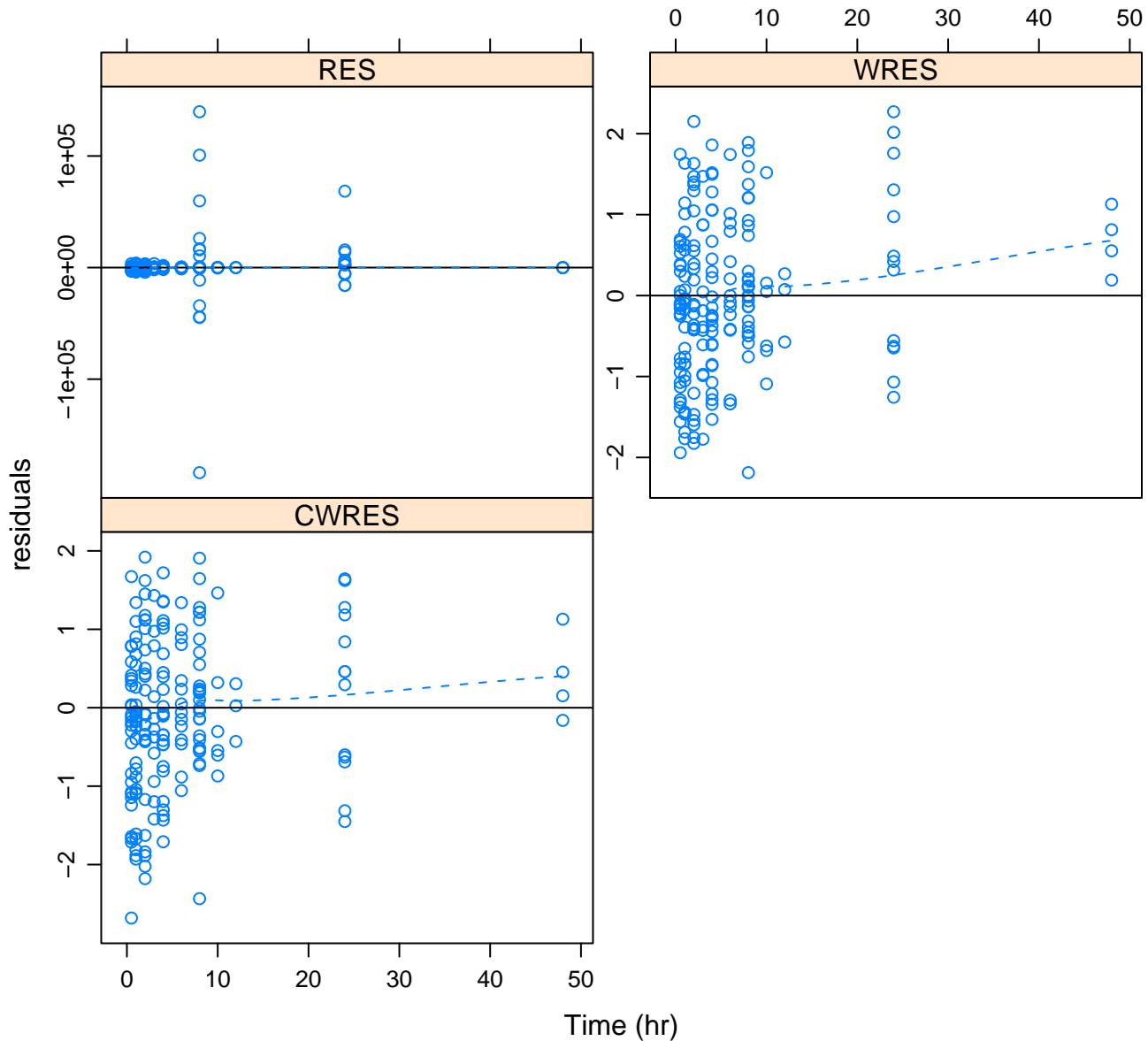
Model 2

Residuals vs. Predicted for female data



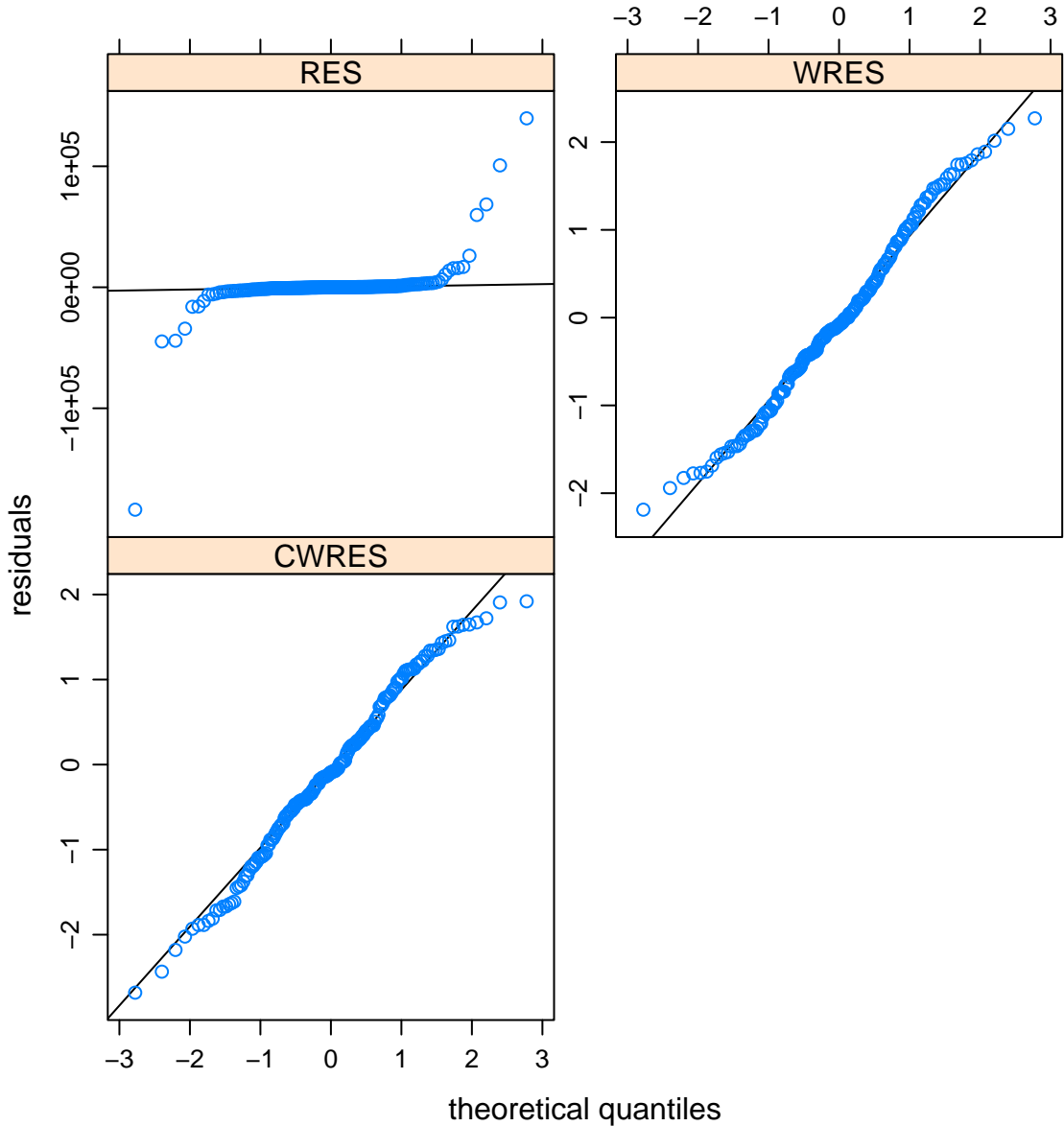
Model 2

Residuals vs. Time for female data



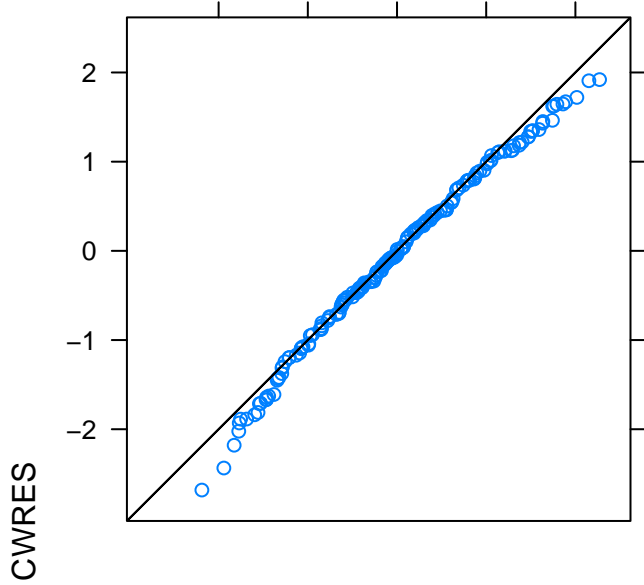
Model 2

Normal Q-Q Plot Residuals for female data



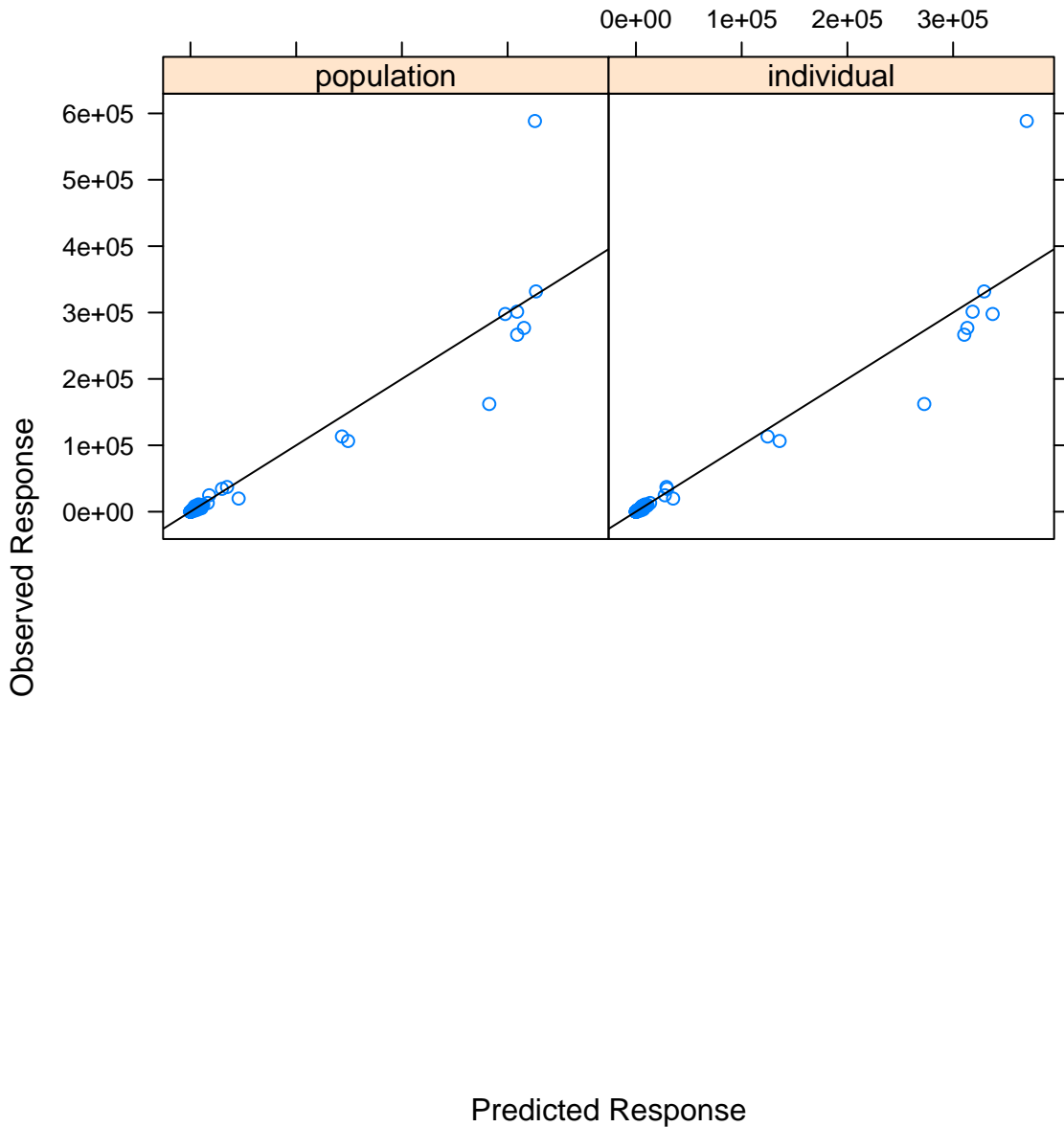
Model 2

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

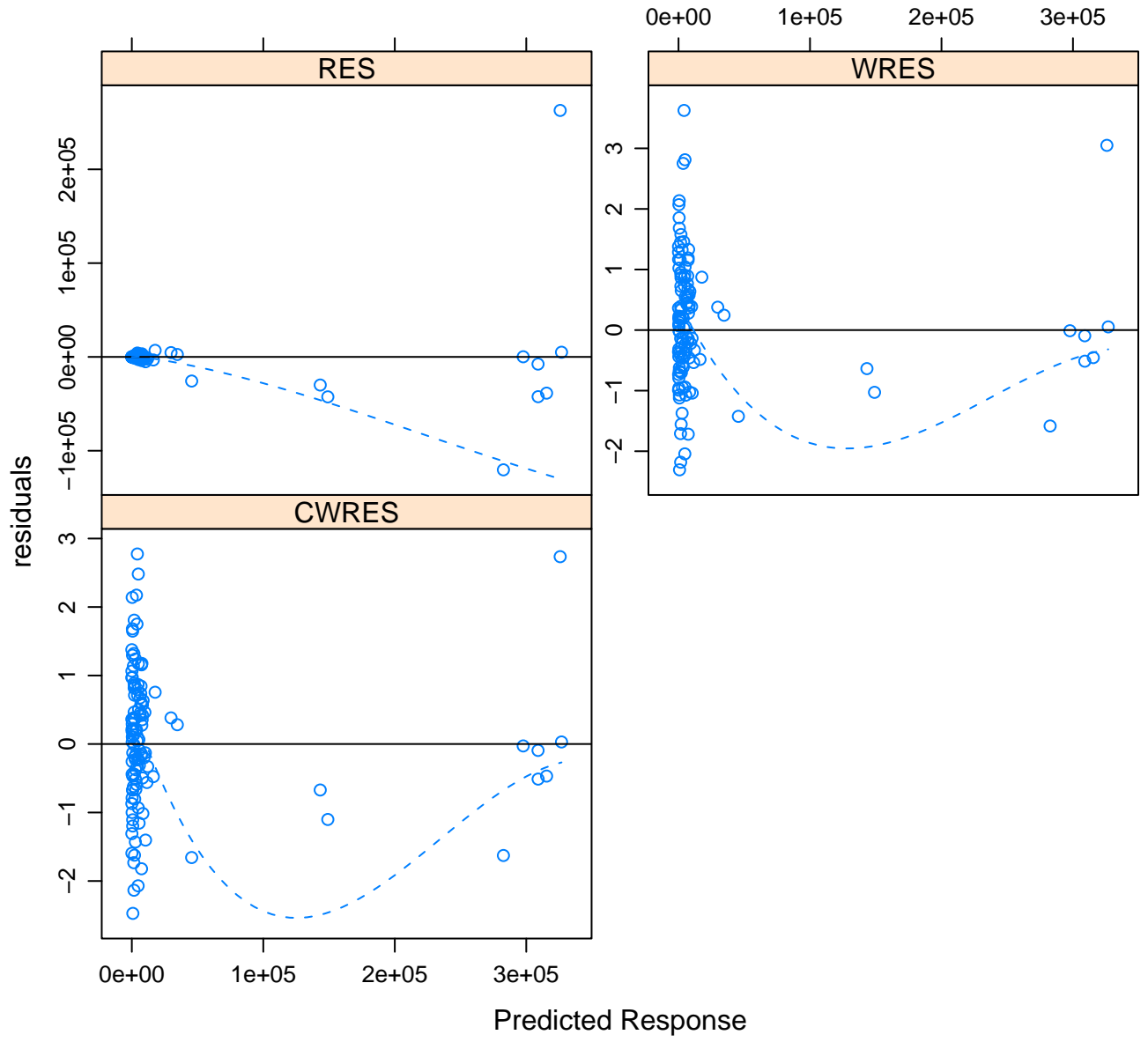


Model 2

Observed vs. Predicted for male data

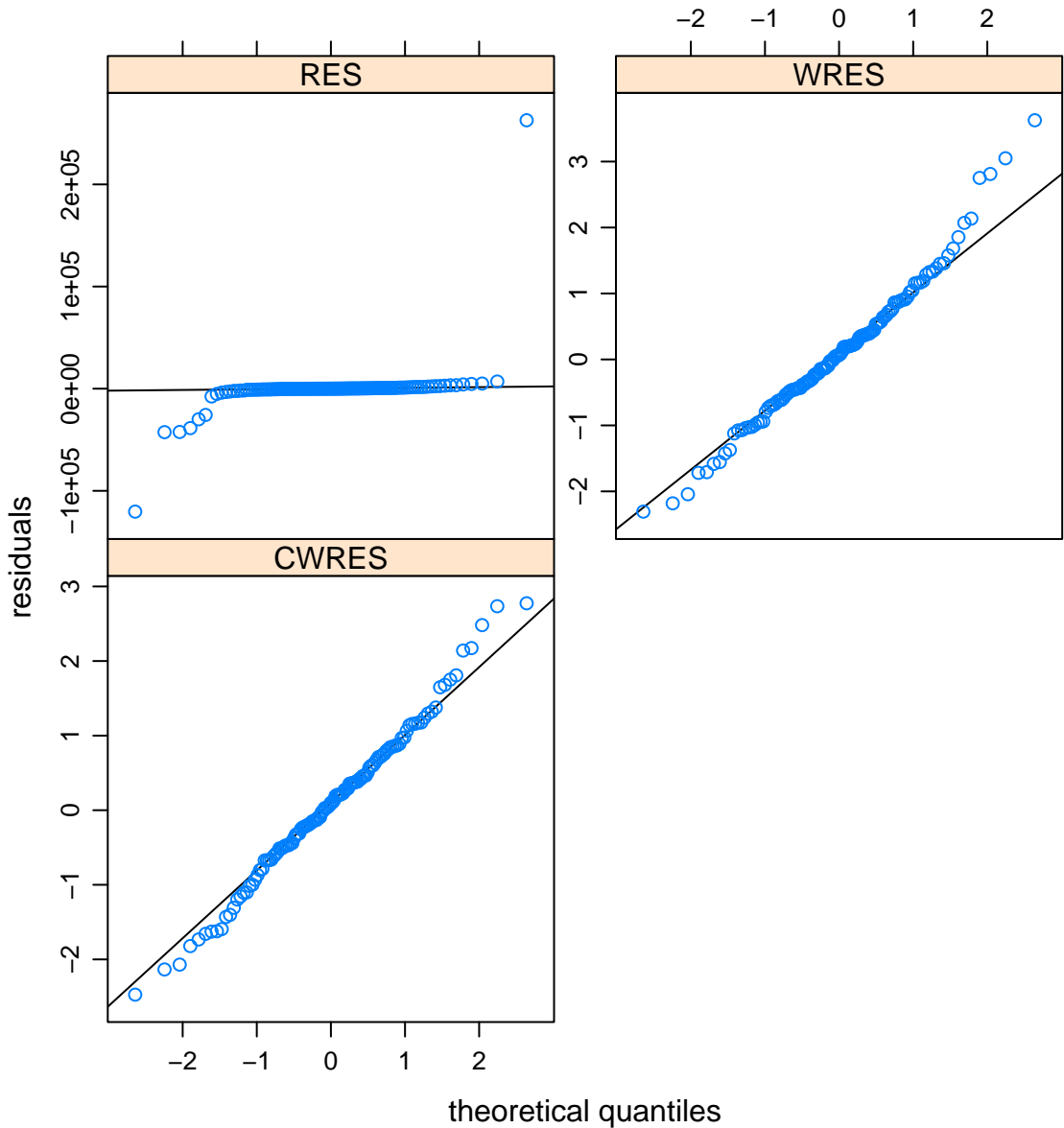


Model 2
Residuals vs. Predicted for male data



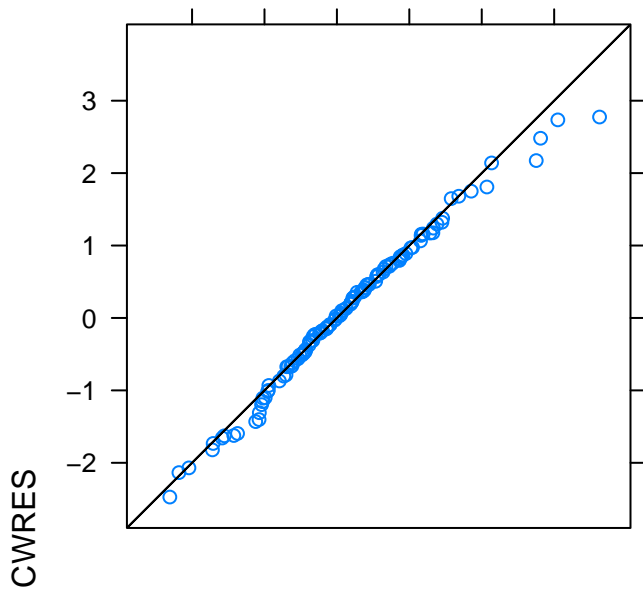
Model 2

Normal Q-Q Plot Residuals for male data

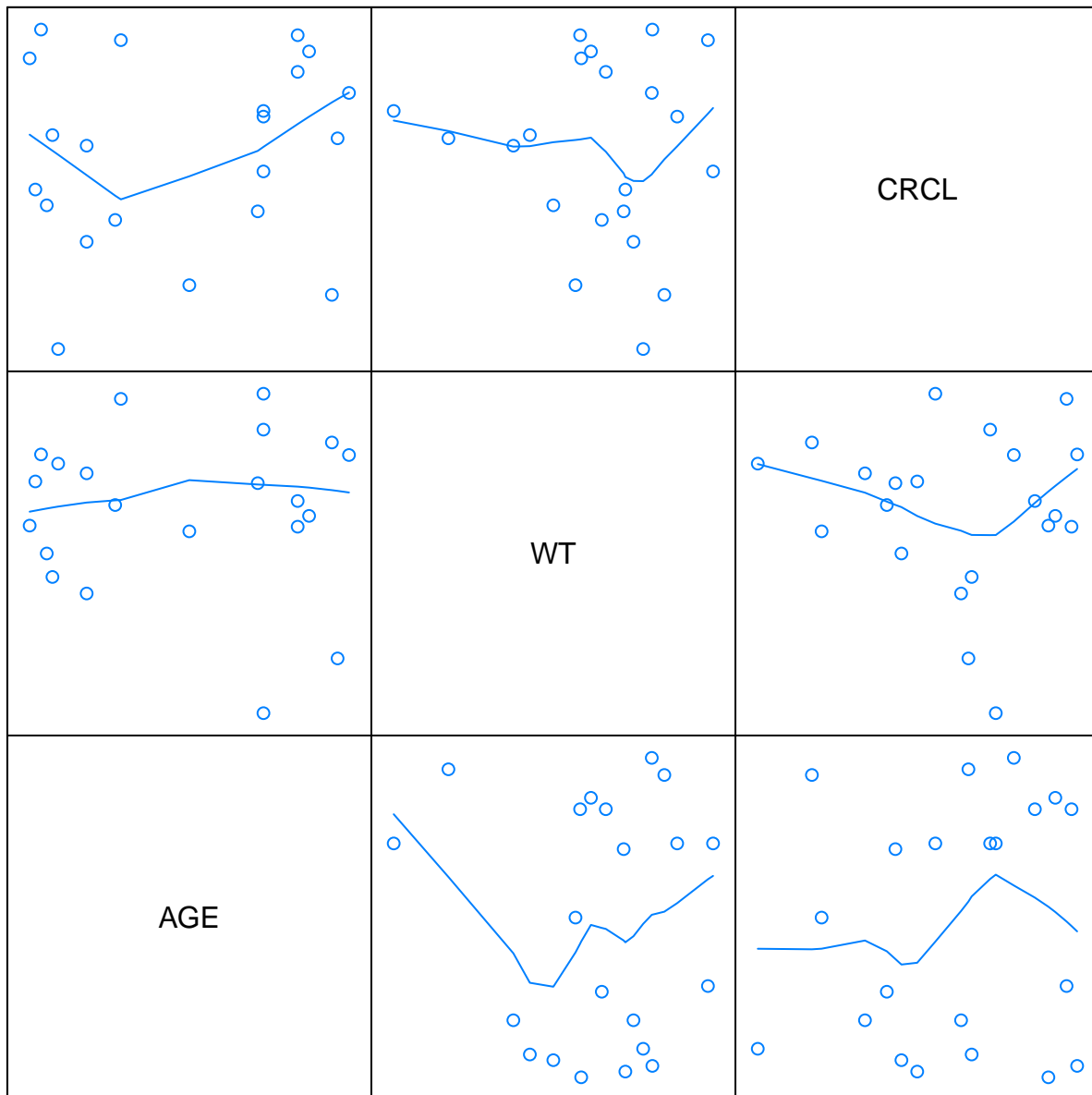


Model 2

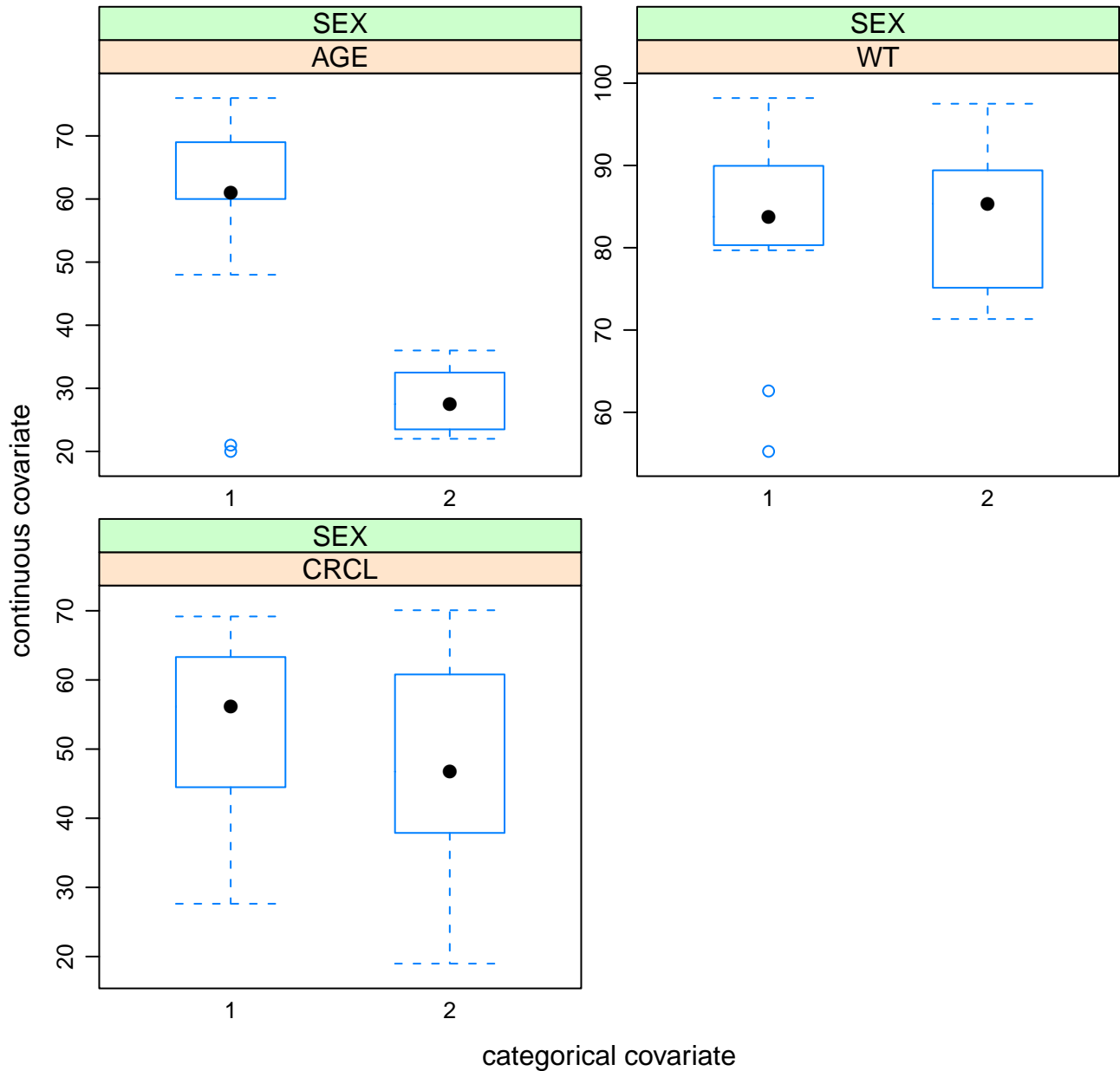
Q-Q Plot of CWRES vs. WRES for male data



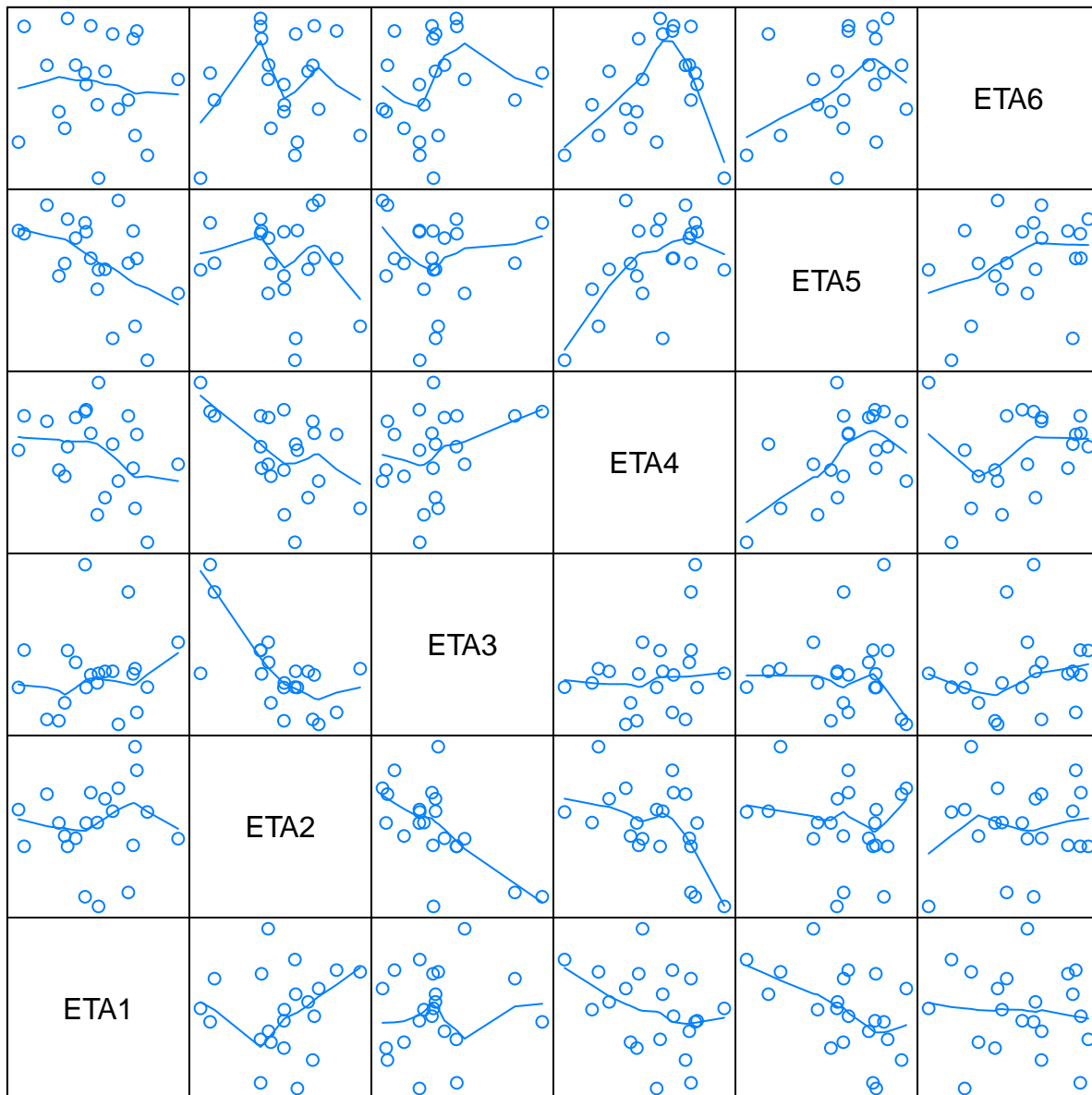
Covariate Scatterplots



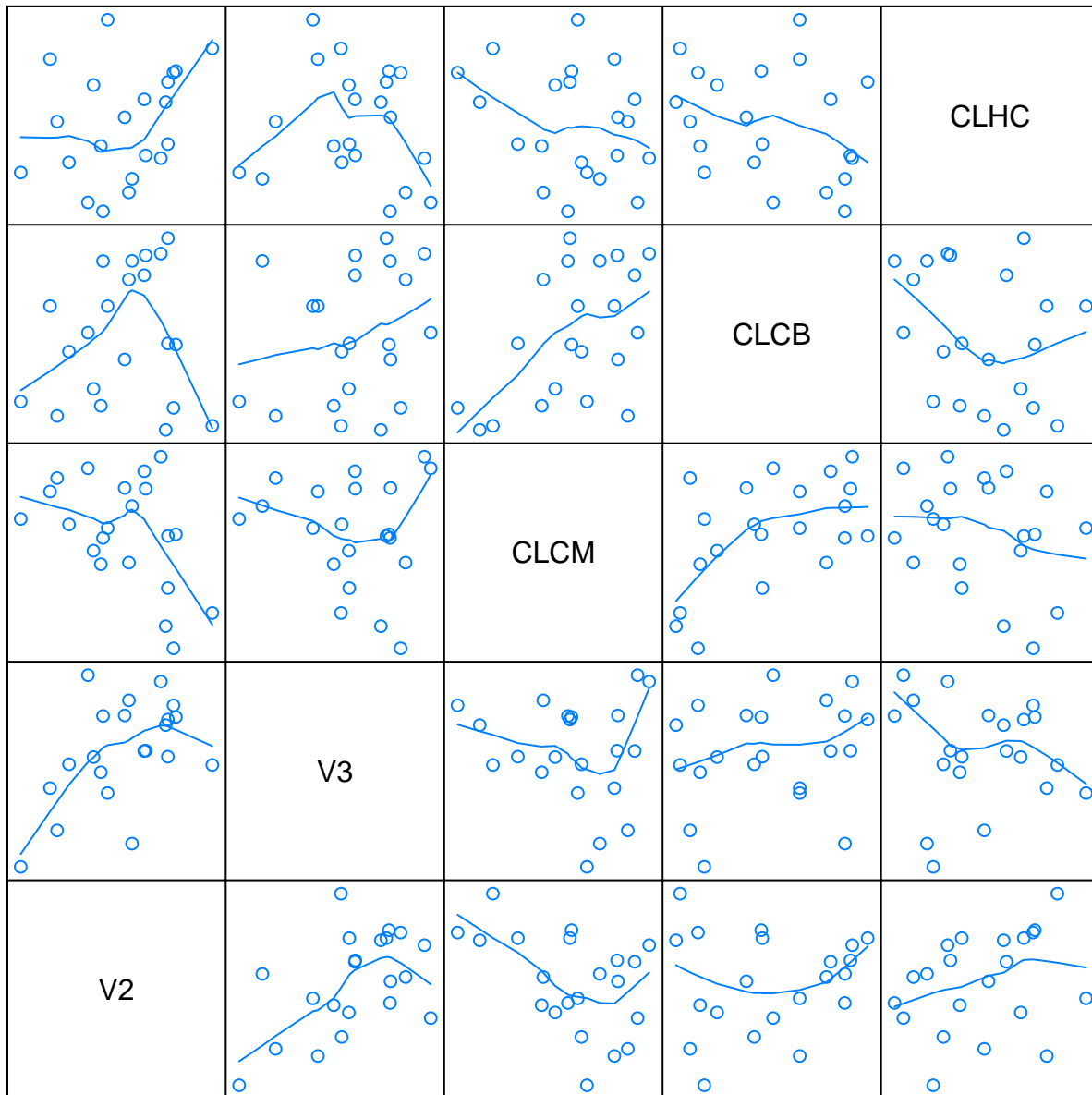
Continuous Covariates vs. Categorical Covariates



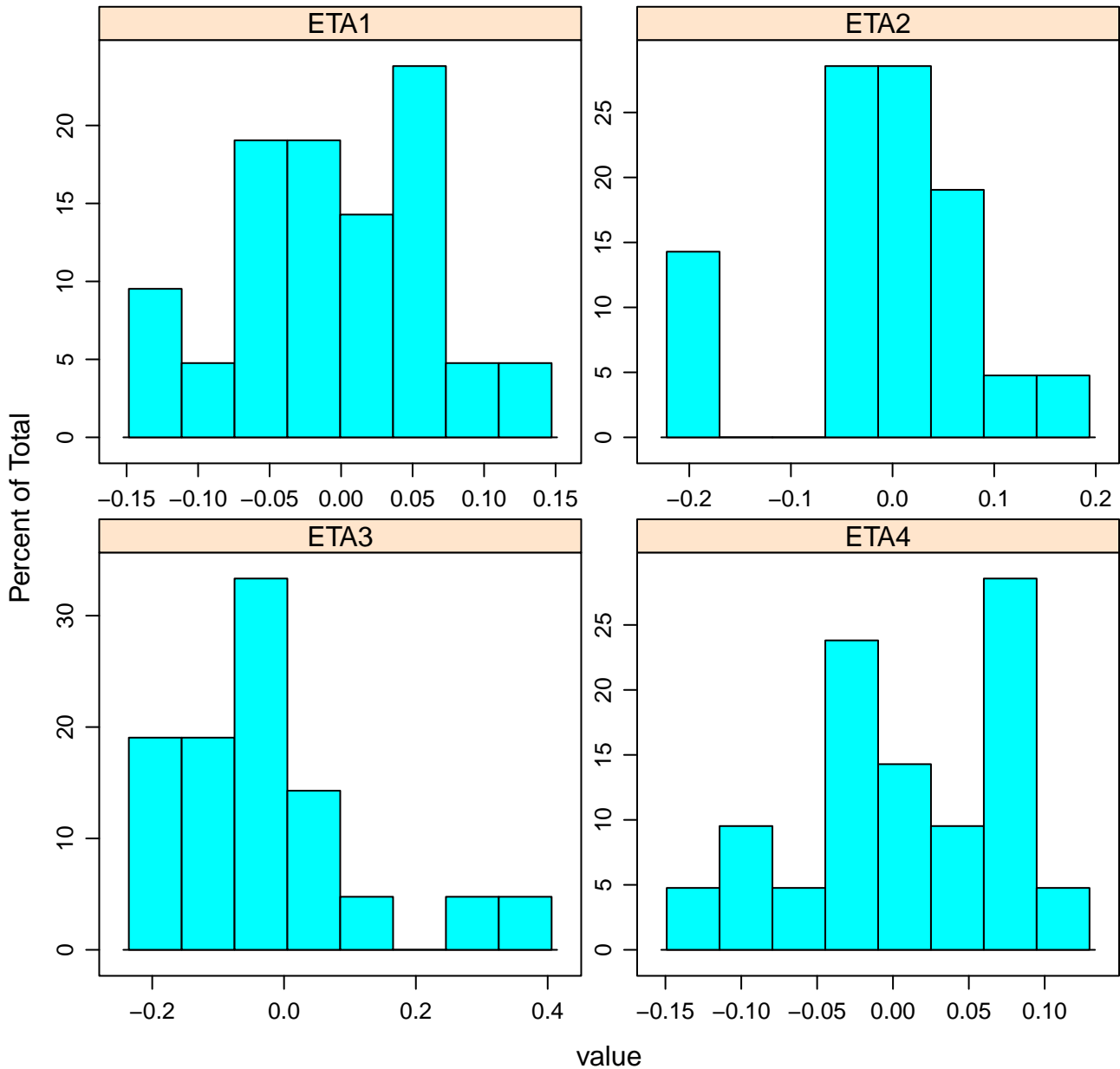
ETA Scatterplots



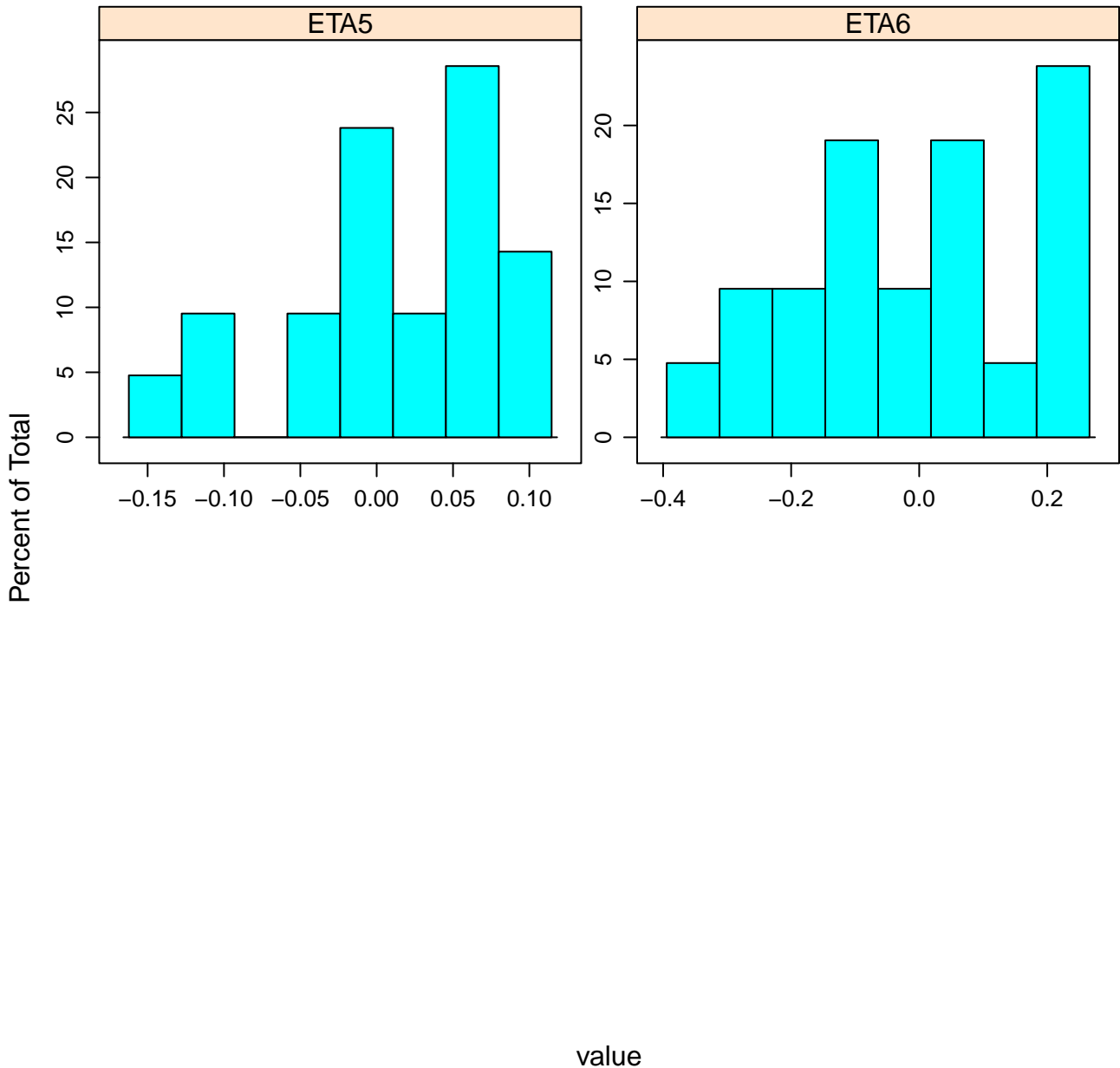
Parameter Scatterplots



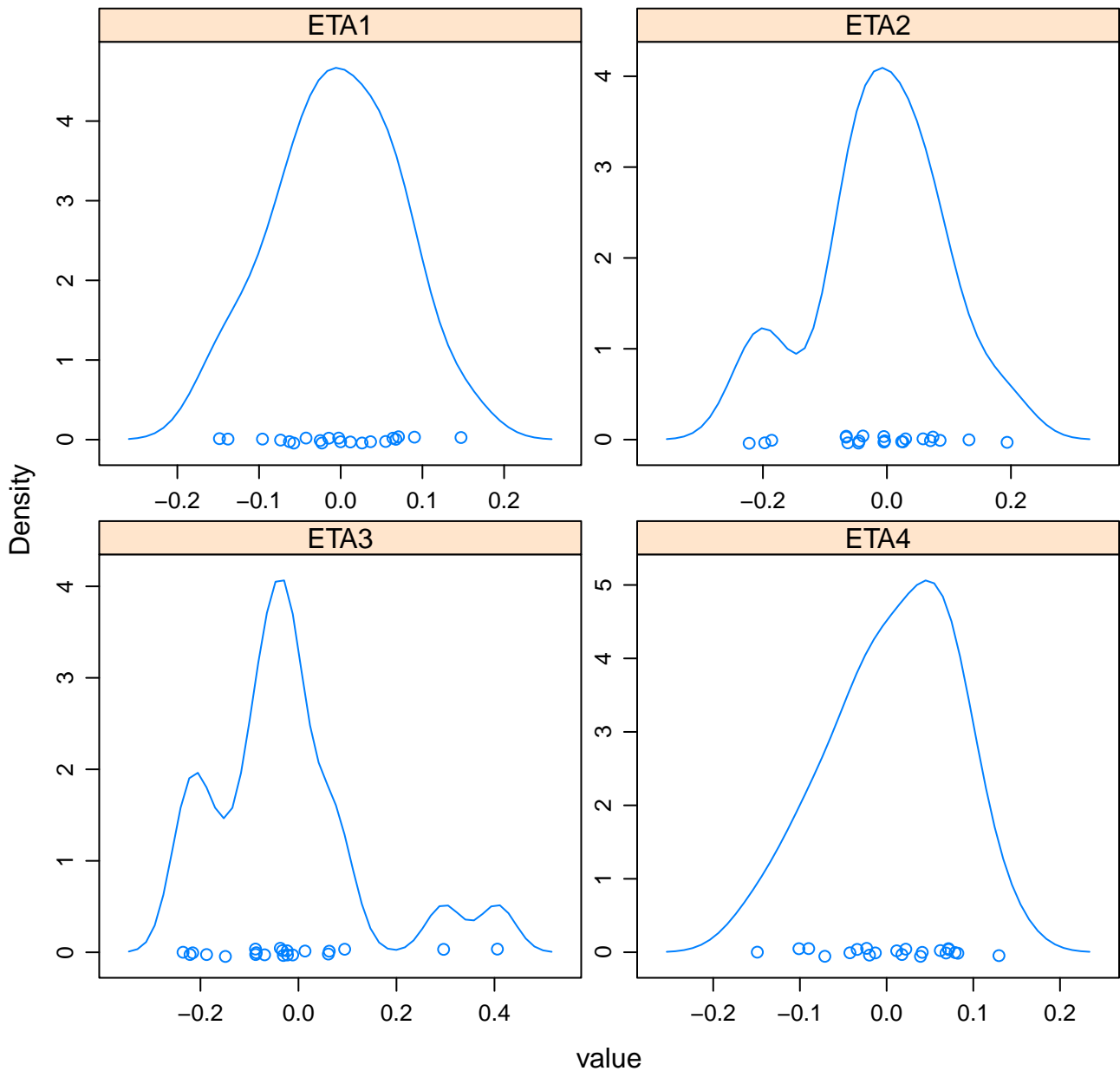
Histograms of Etas



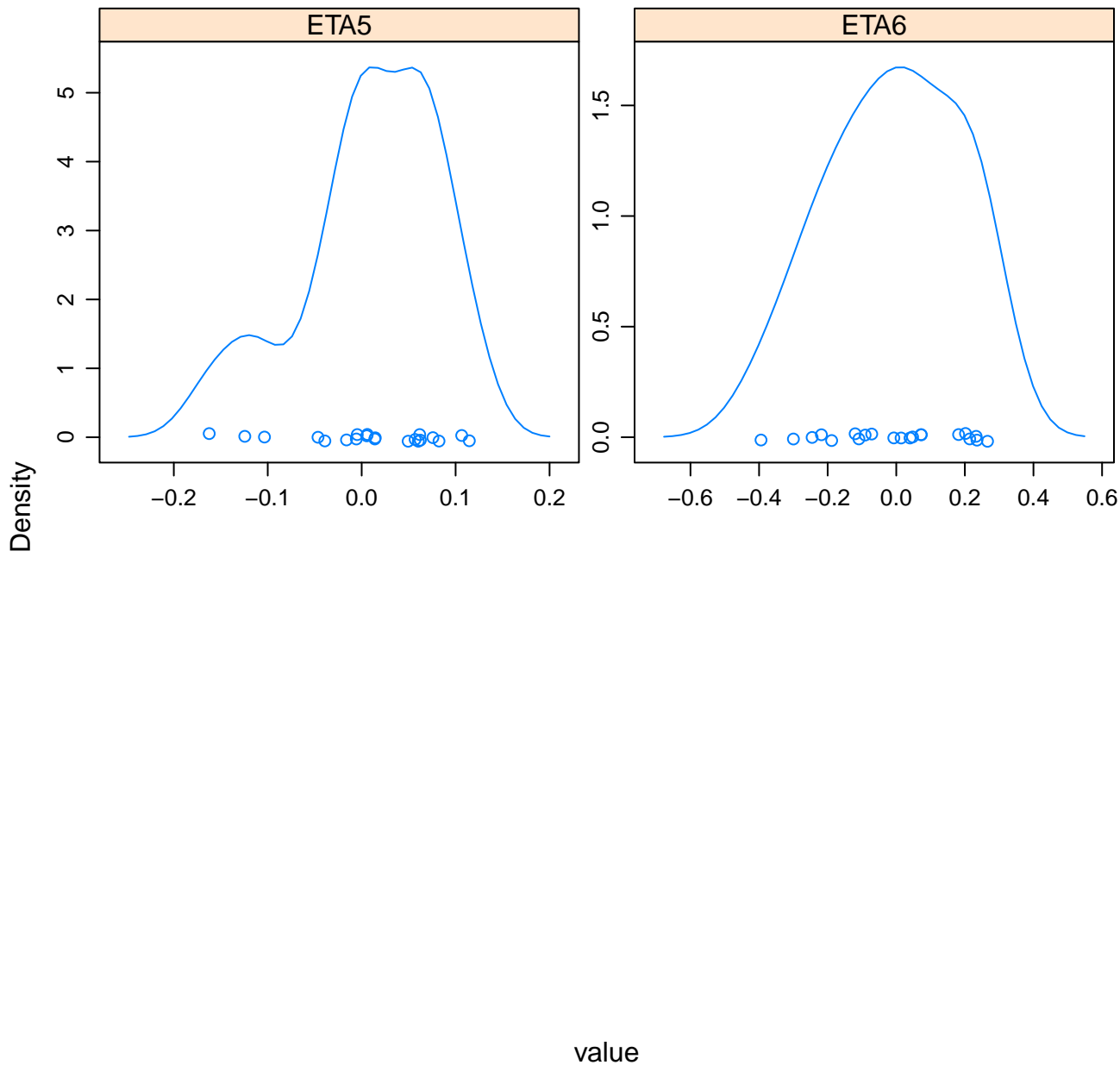
Histograms of Etas



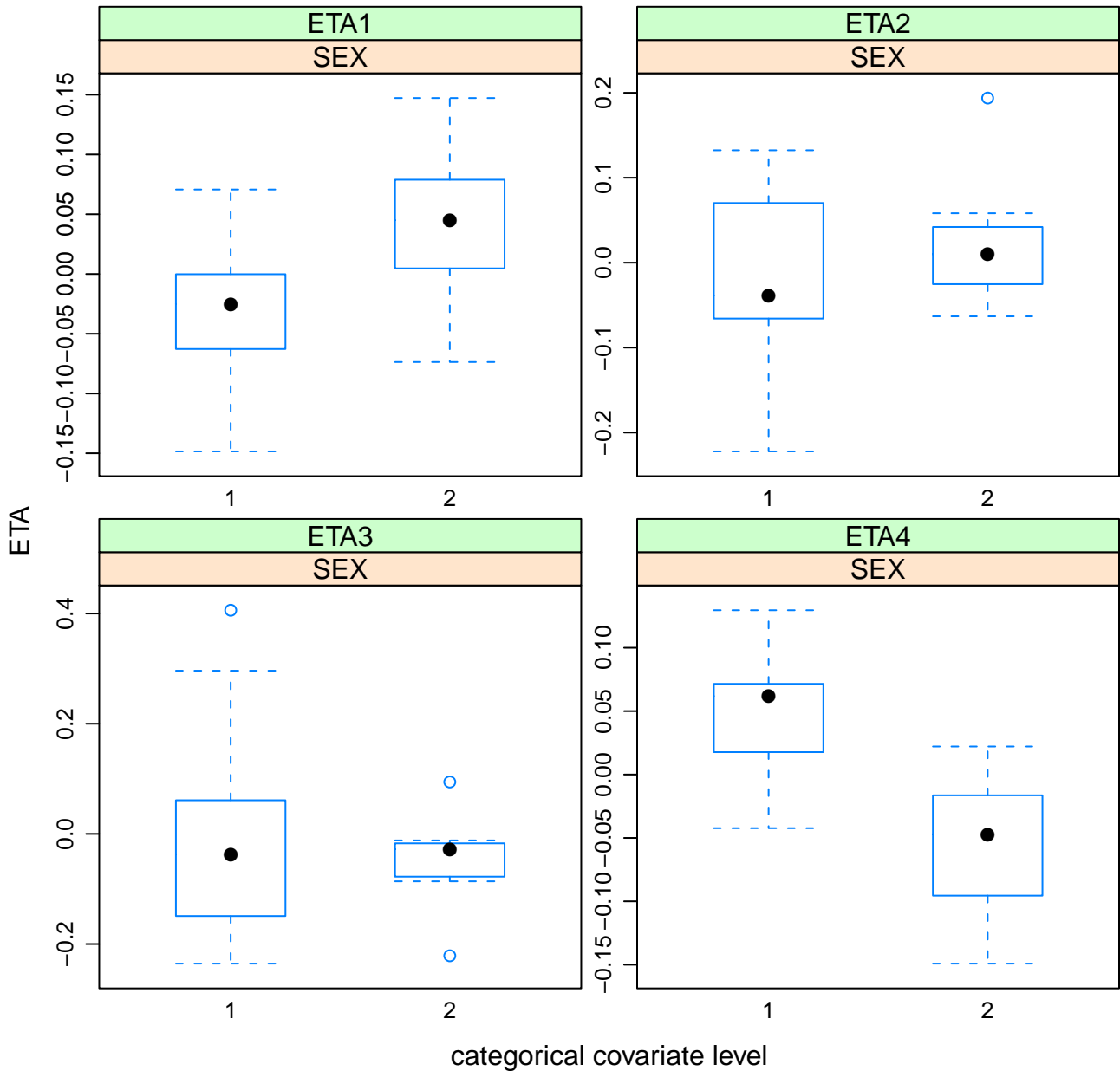
Density of Etas



Density of Etas

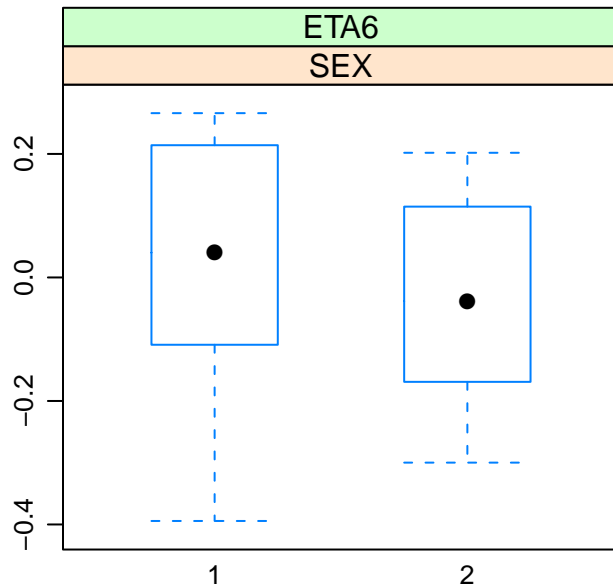
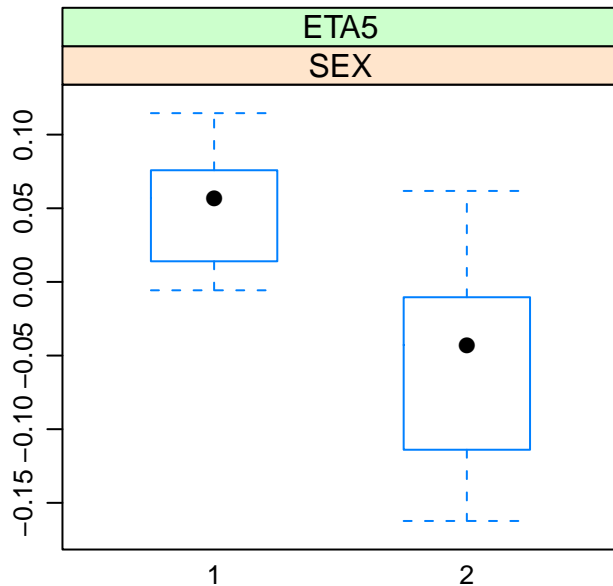


Boxplots of Etas by Categorical Covariate



Boxplots of Etas by Categorical Covariate

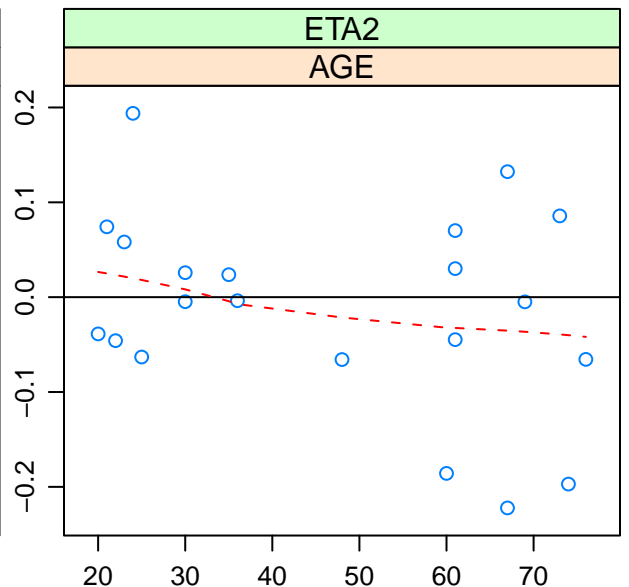
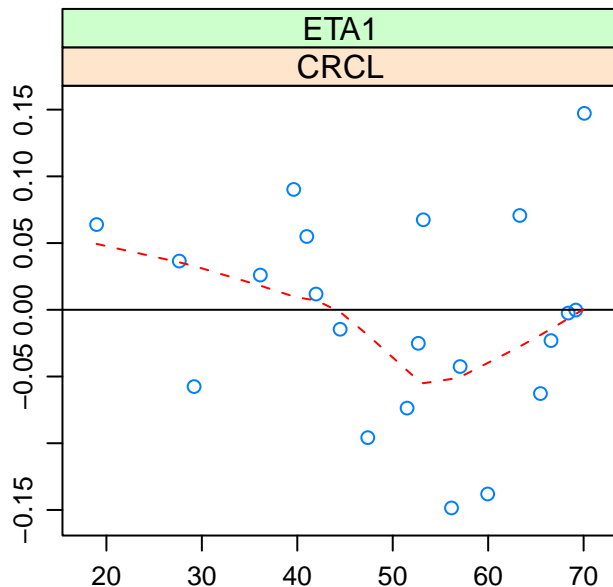
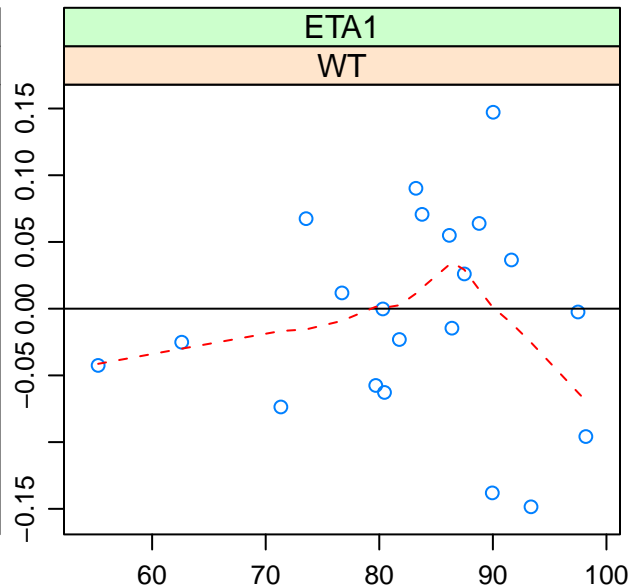
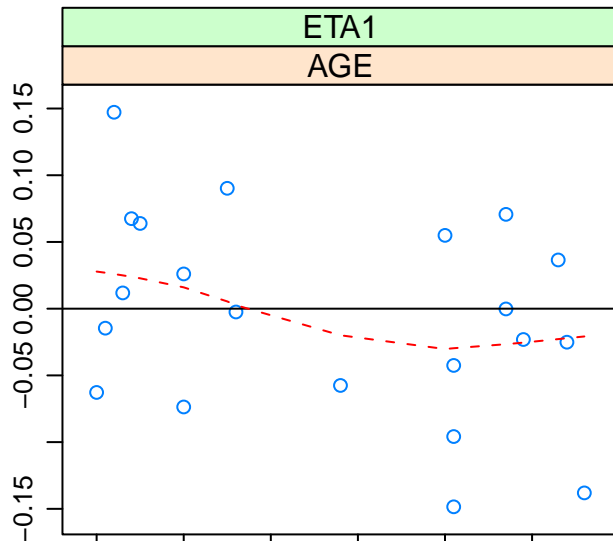
ETA



categorical covariate level

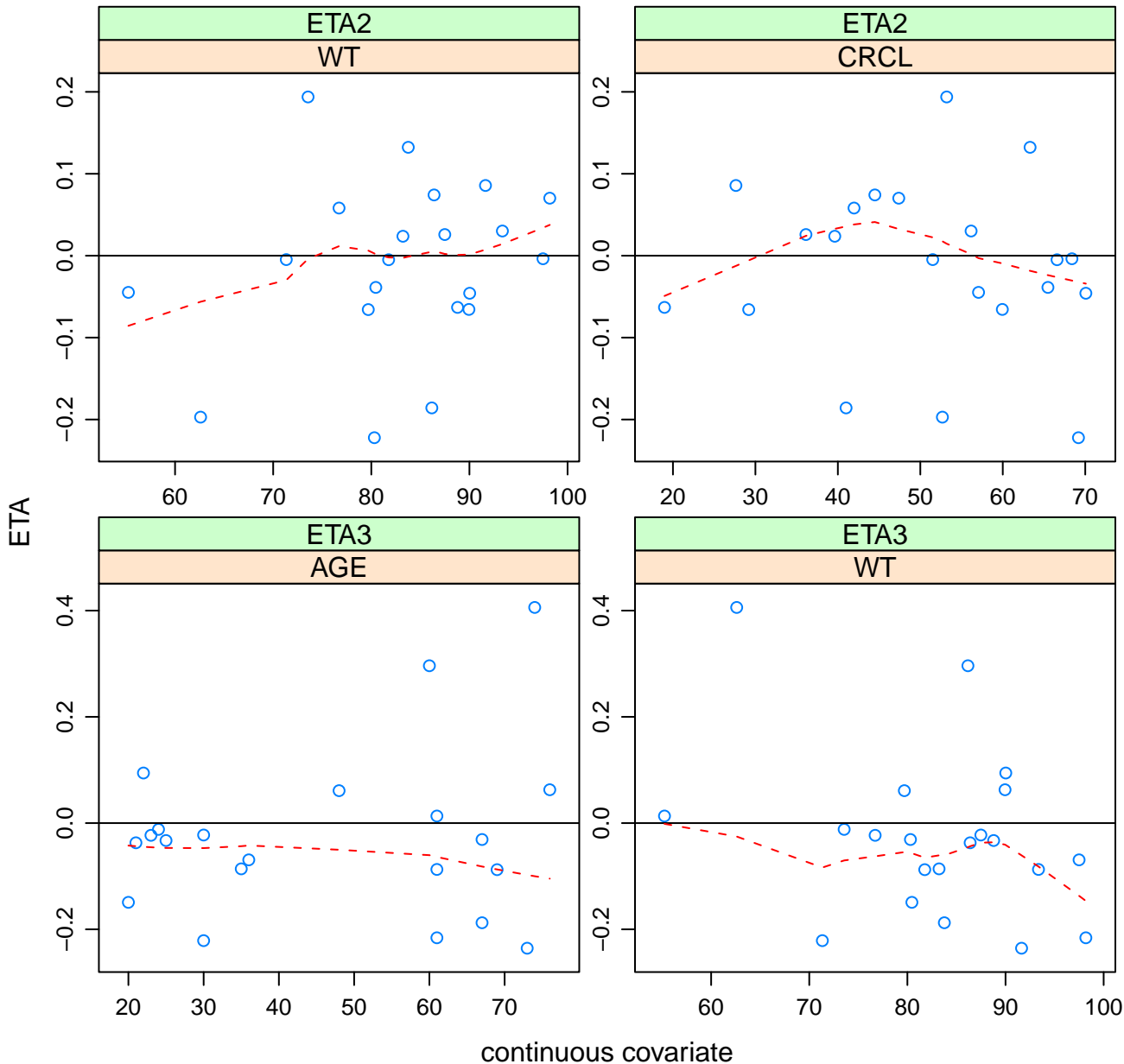
Etas vs. Continuous Covariates

ETA



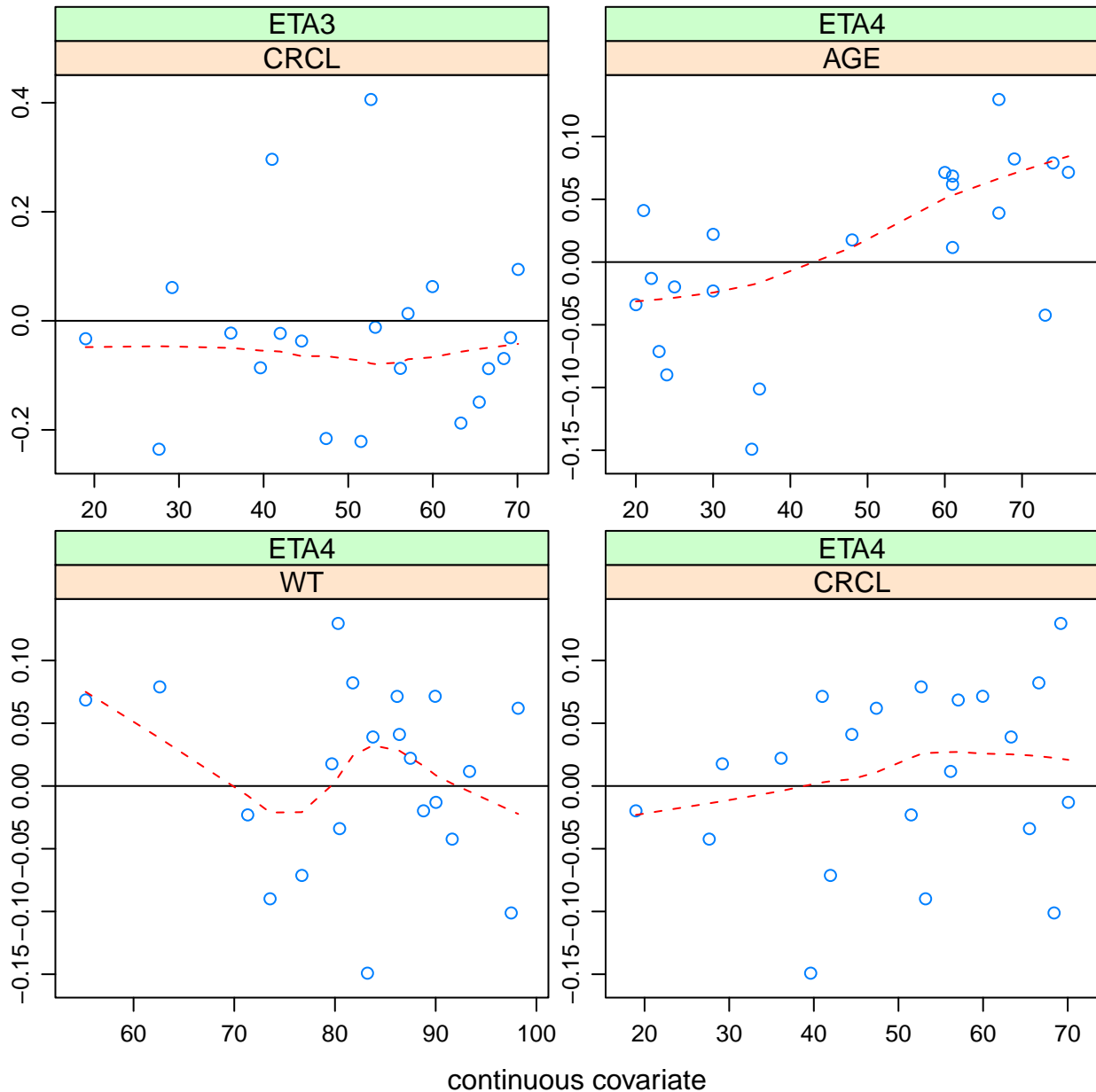
continuous covariate

Etas vs. Continuous Covariates



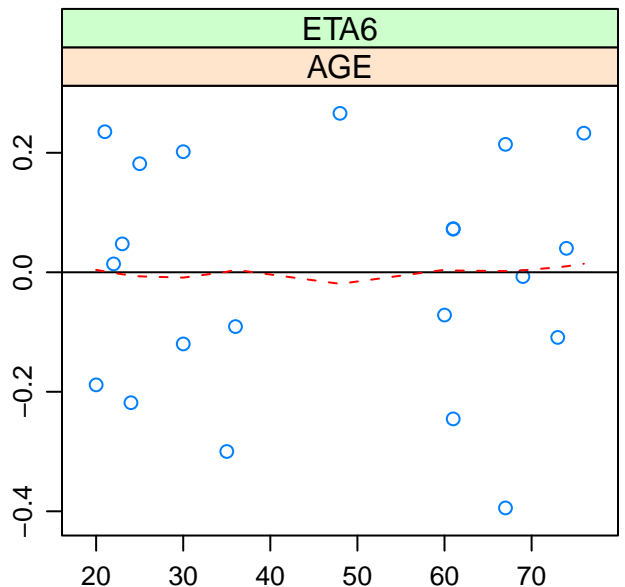
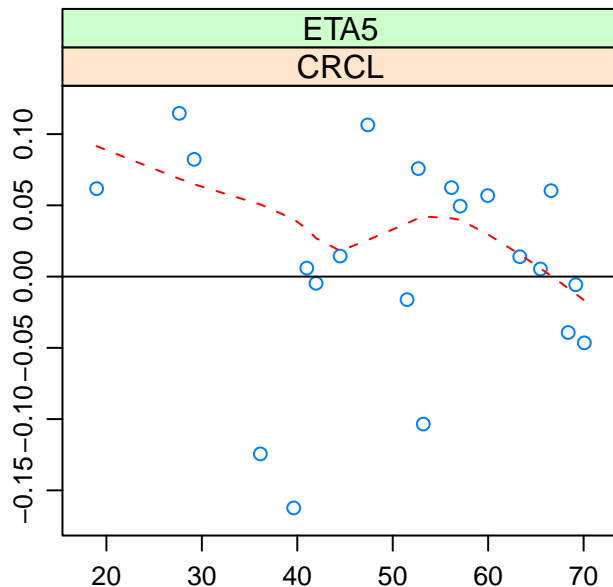
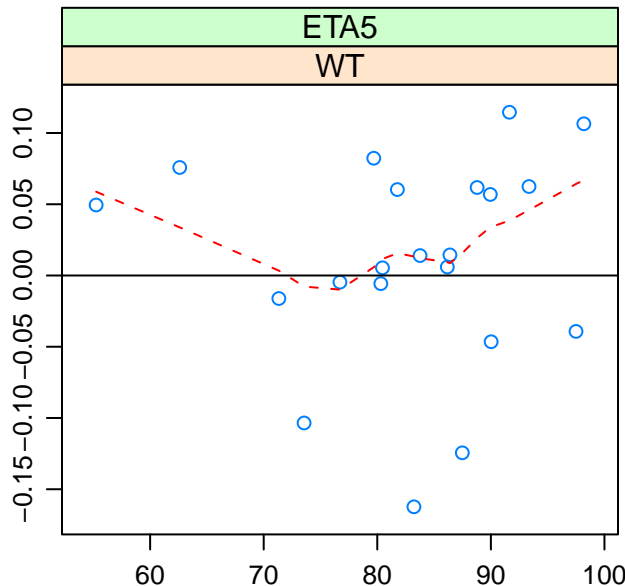
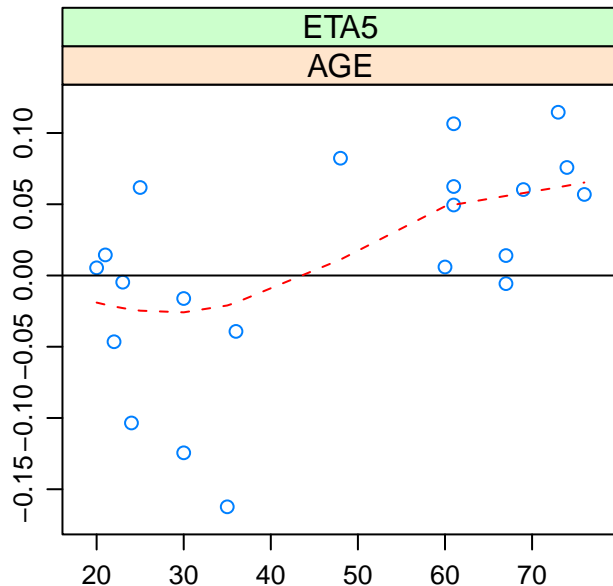
Etas vs. Continuous Covariates

ETA



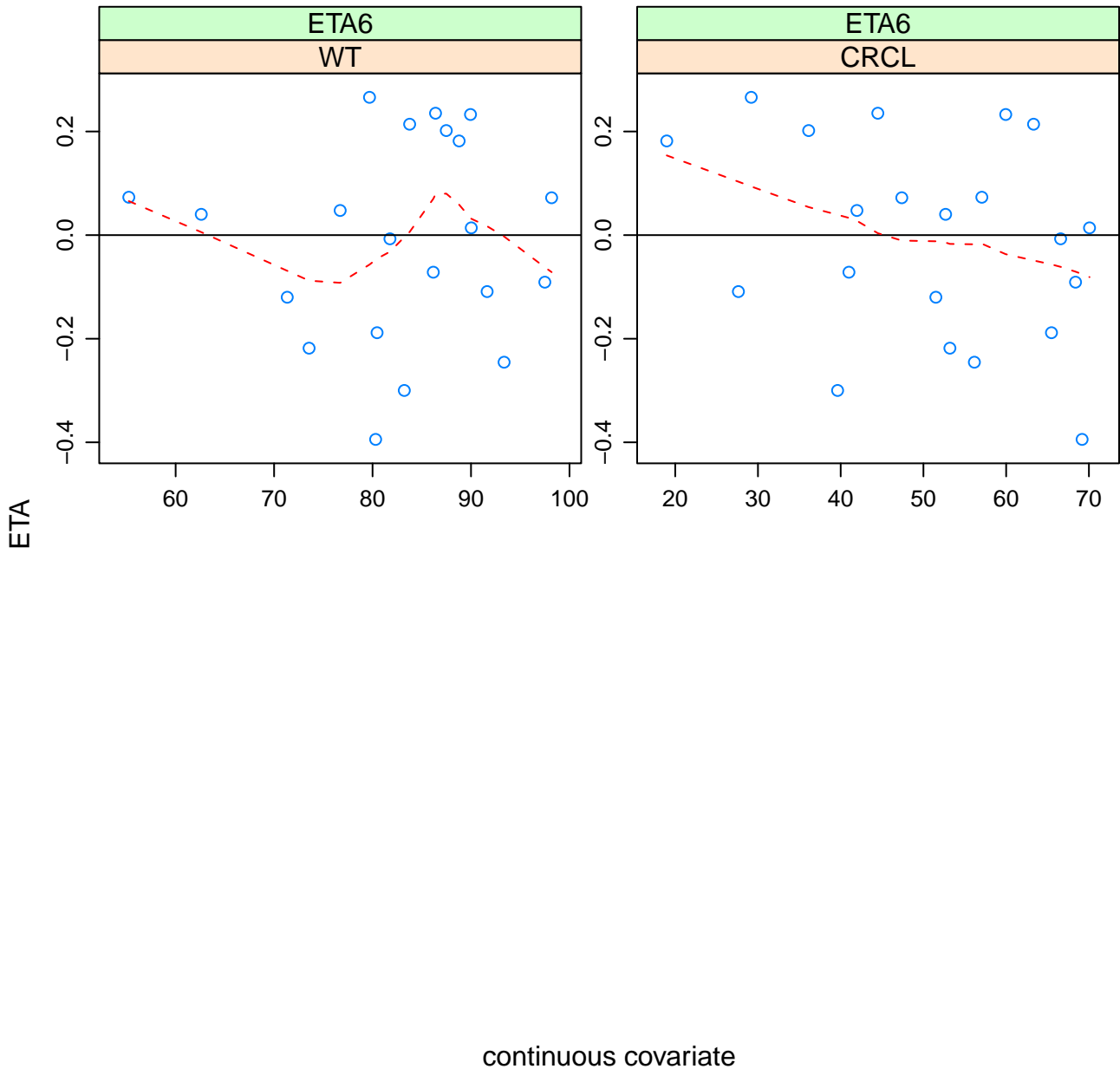
Etas vs. Continuous Covariates

ETA

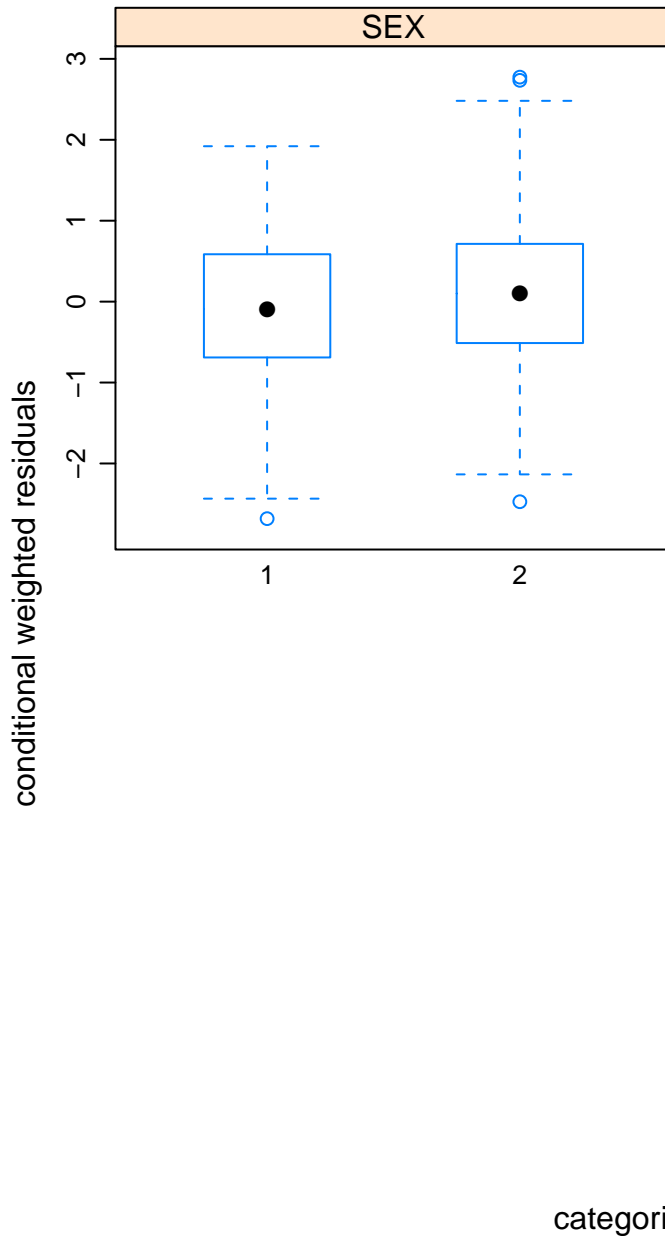


continuous covariate

Etas vs. Continuous Covariates



CWRES vs. Categorical Covariates



CWRES vs. Continuous Covariates

