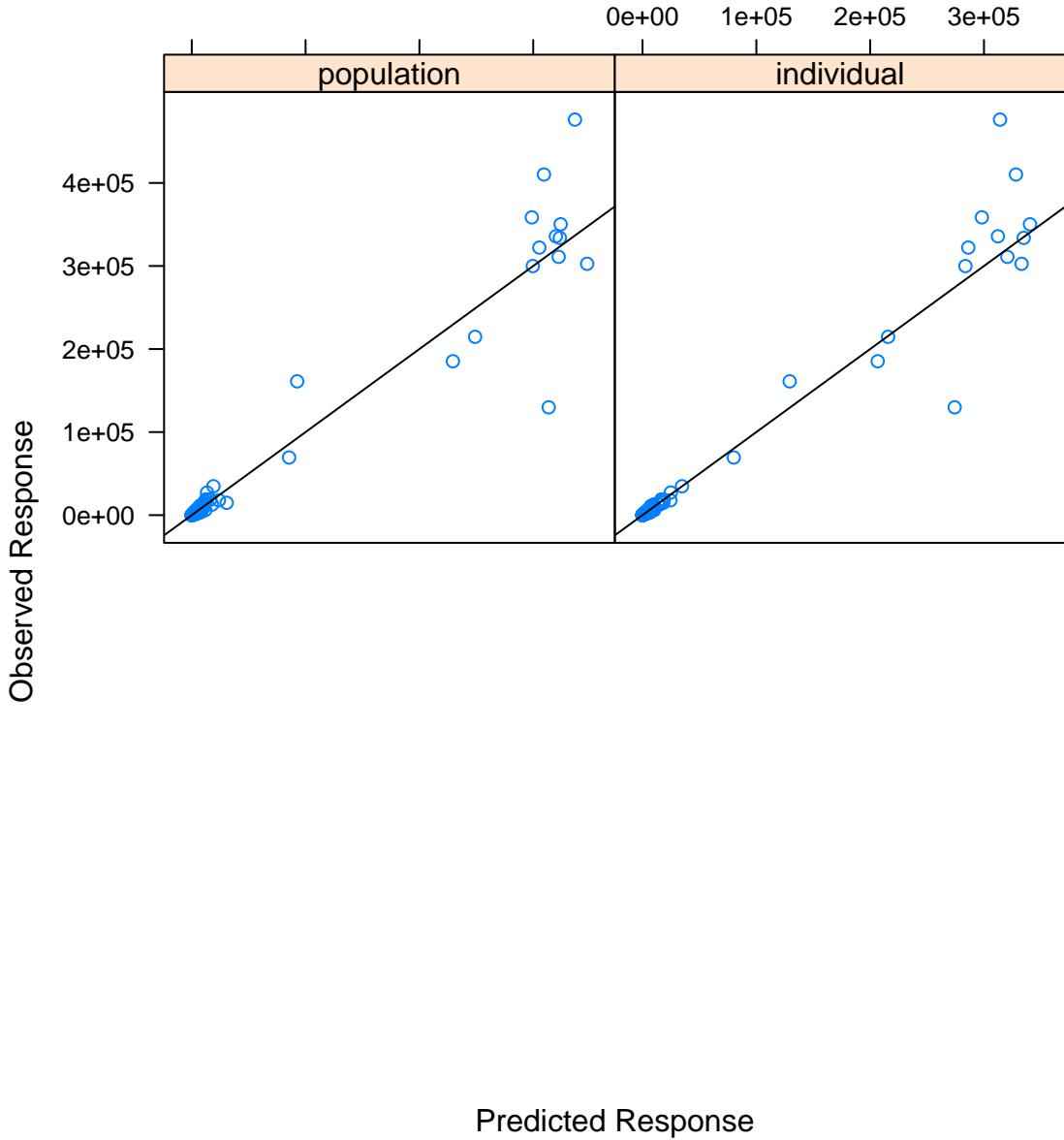


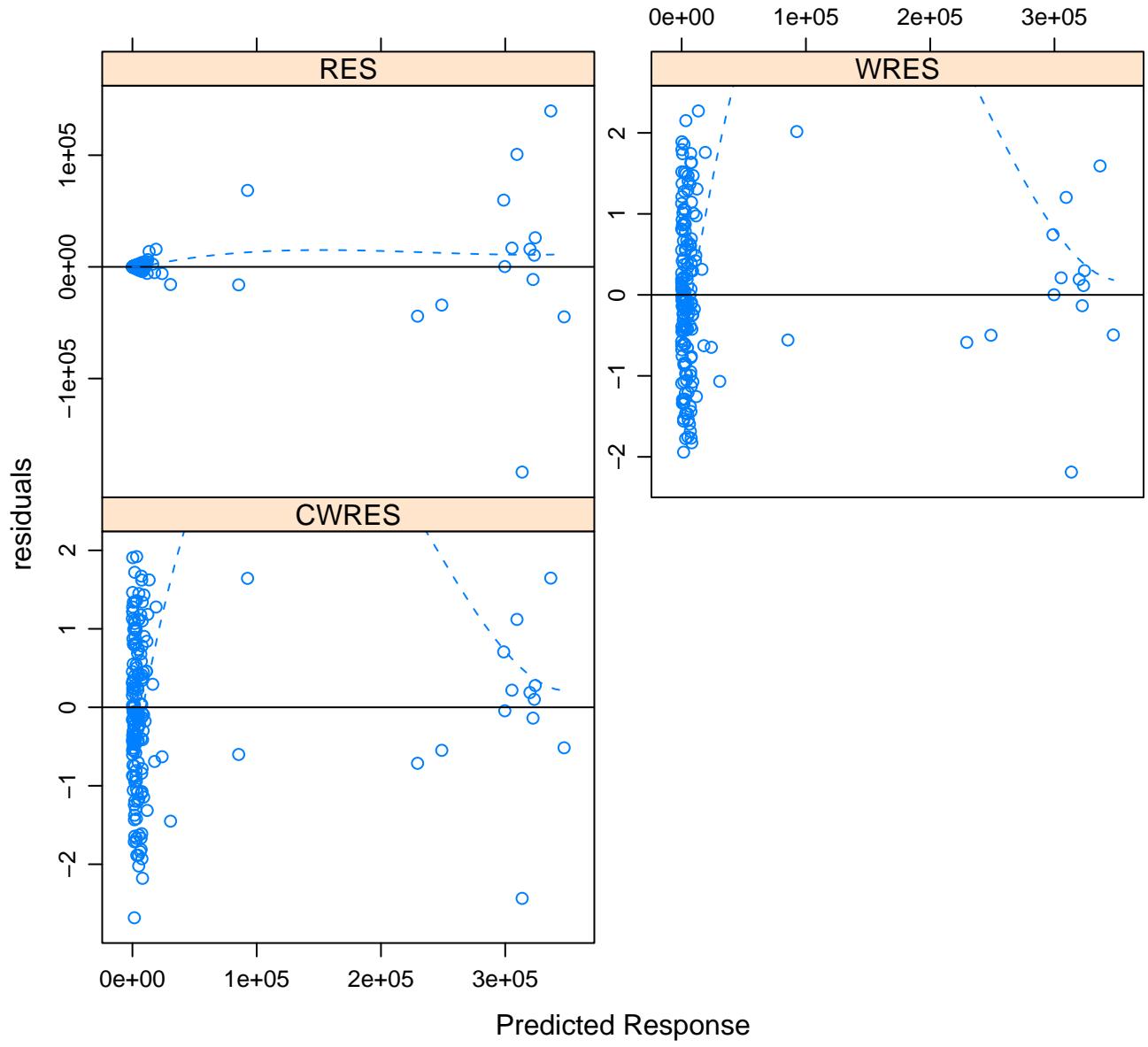
Model 2

Observed vs. Predicted for female data



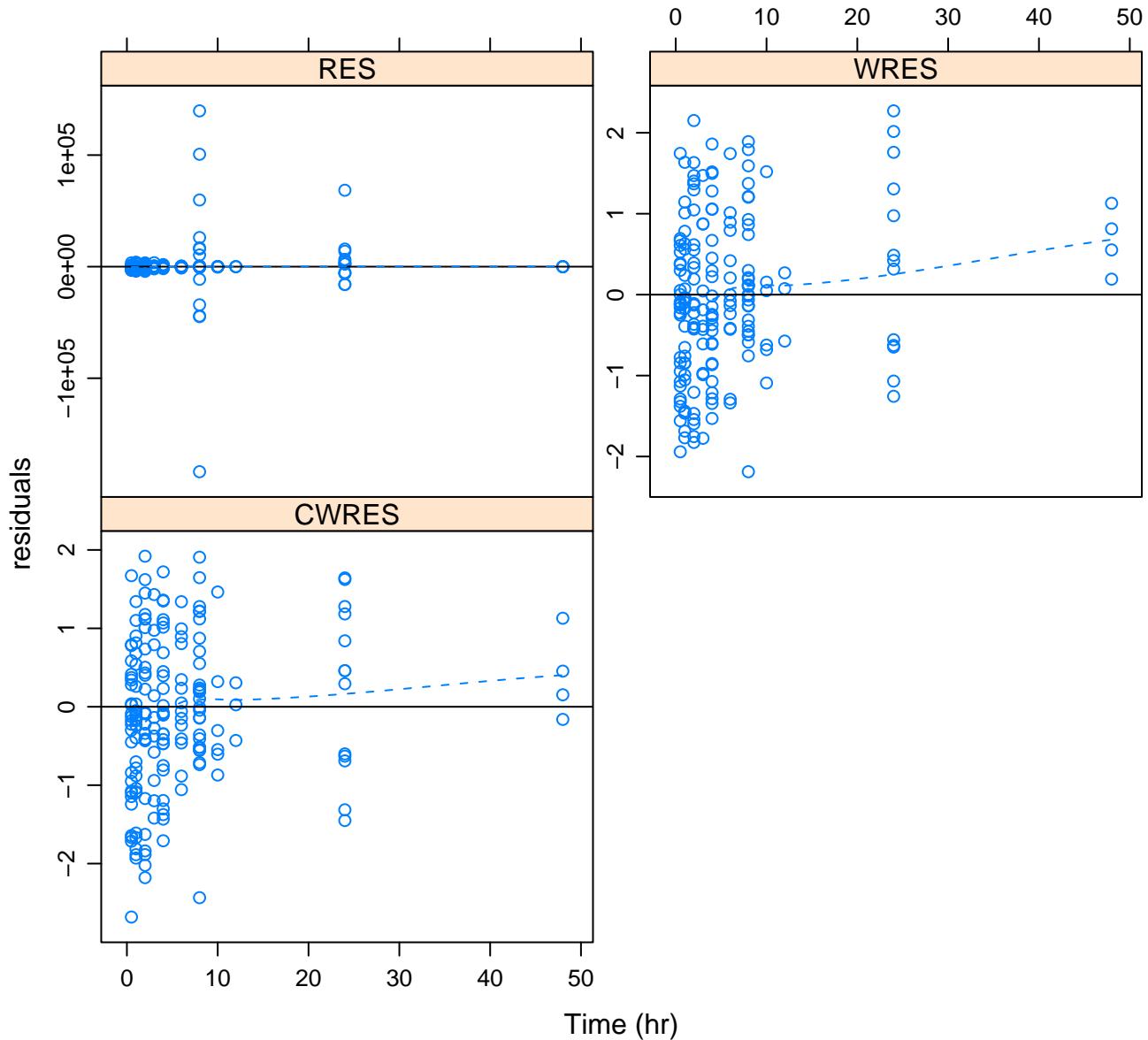
Model 2

Residuals vs. Predicted for female data



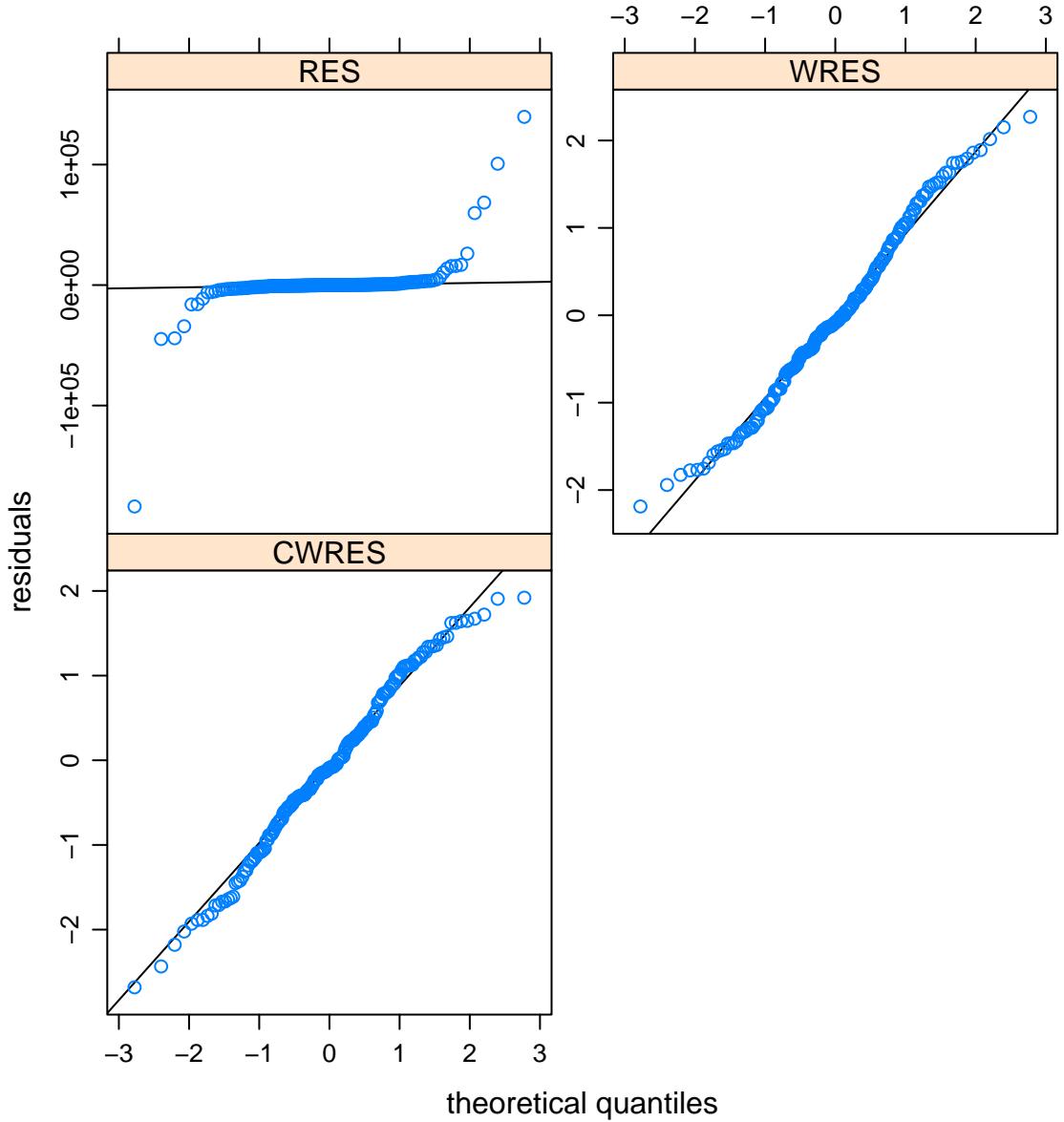
Model 2

Residuals vs. Time for female data



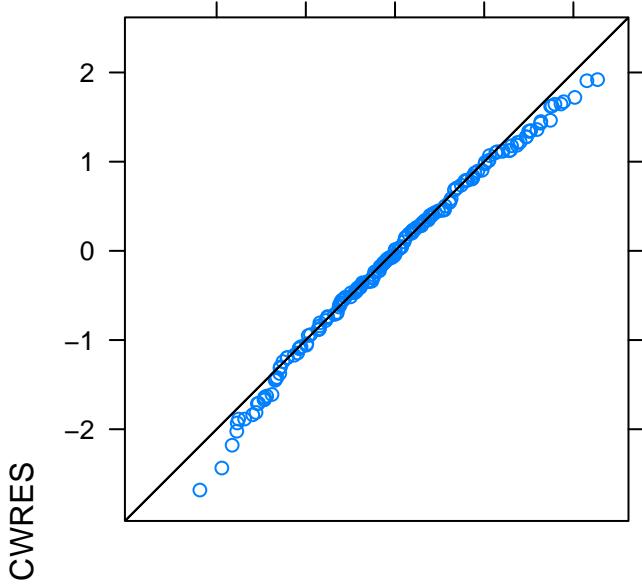
Model 2

Normal Q-Q Plot Residuals for female data



Model 2

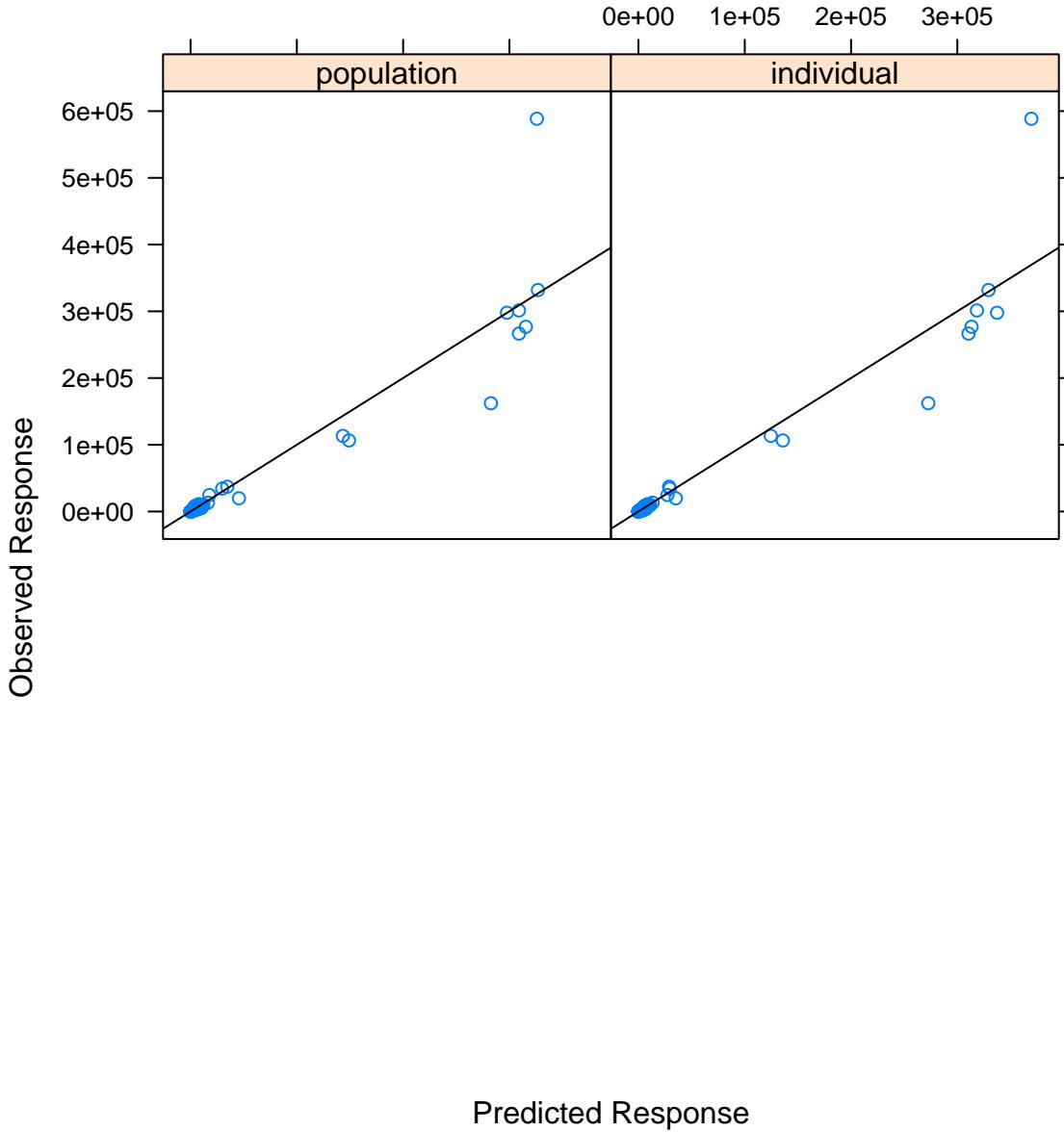
Q-Q Plot of CWRES vs. WRES for female data



WRES

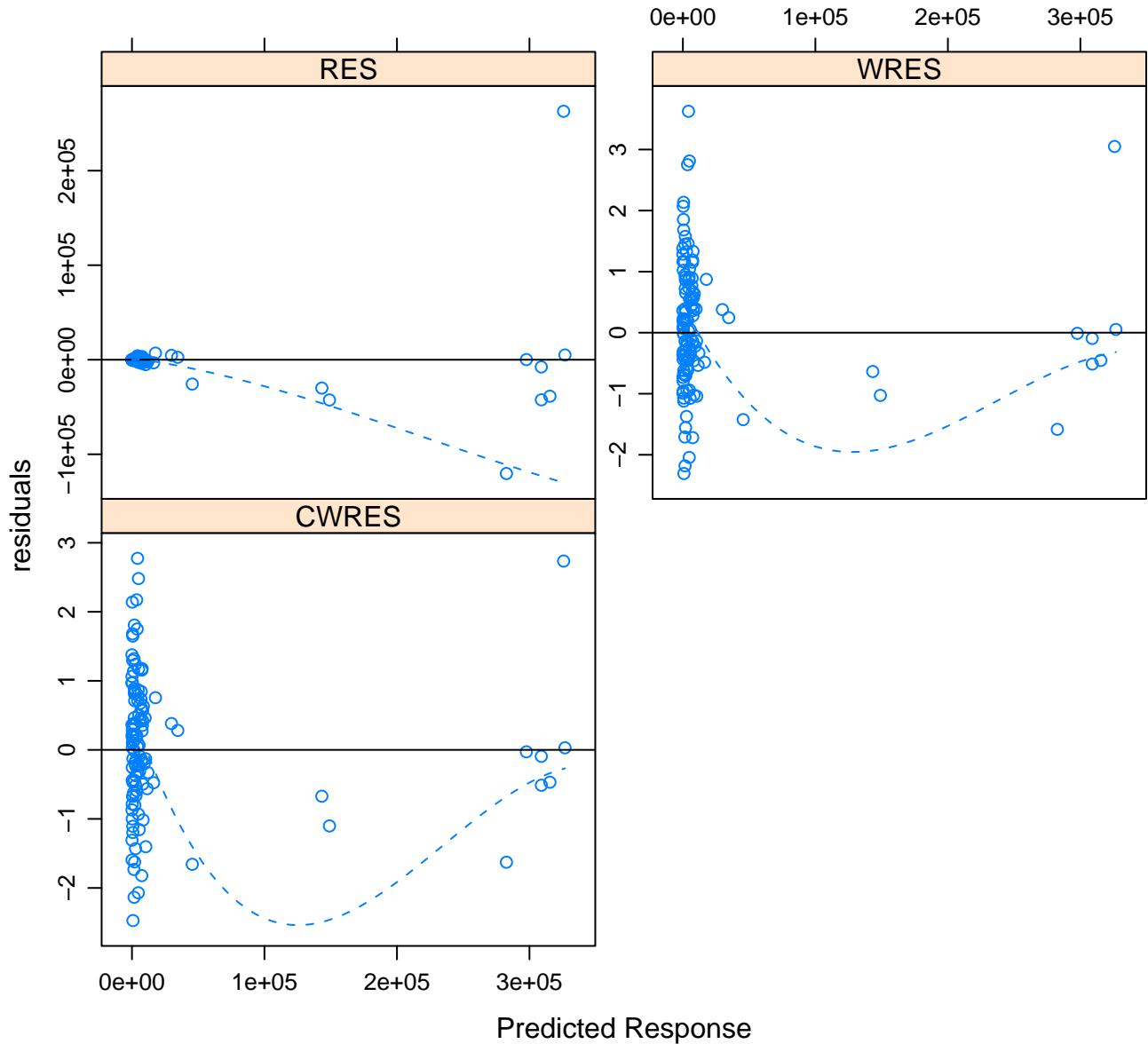
Model 2

Observed vs. Predicted for male data



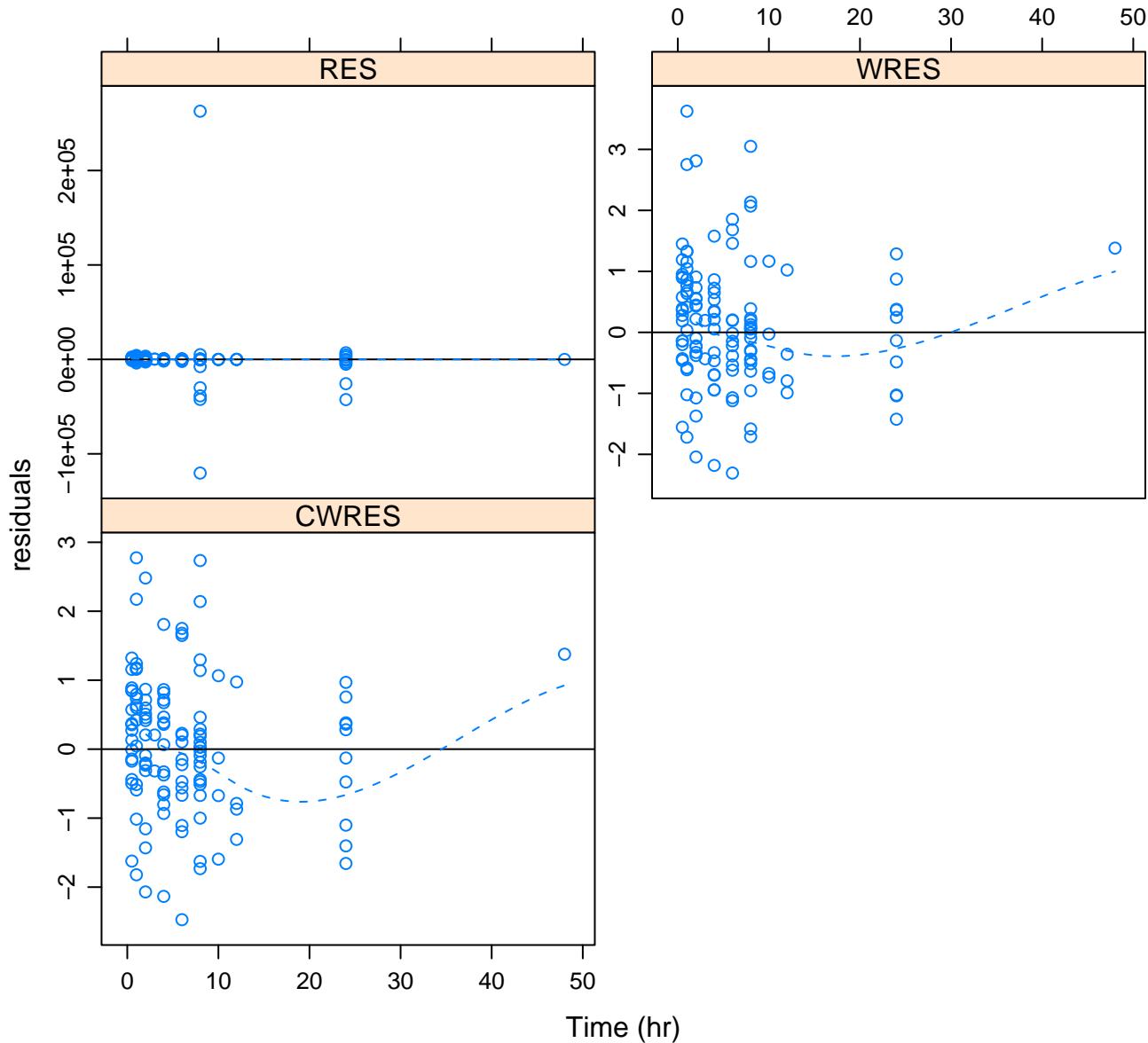
Model 2

Residuals vs. Predicted for male data



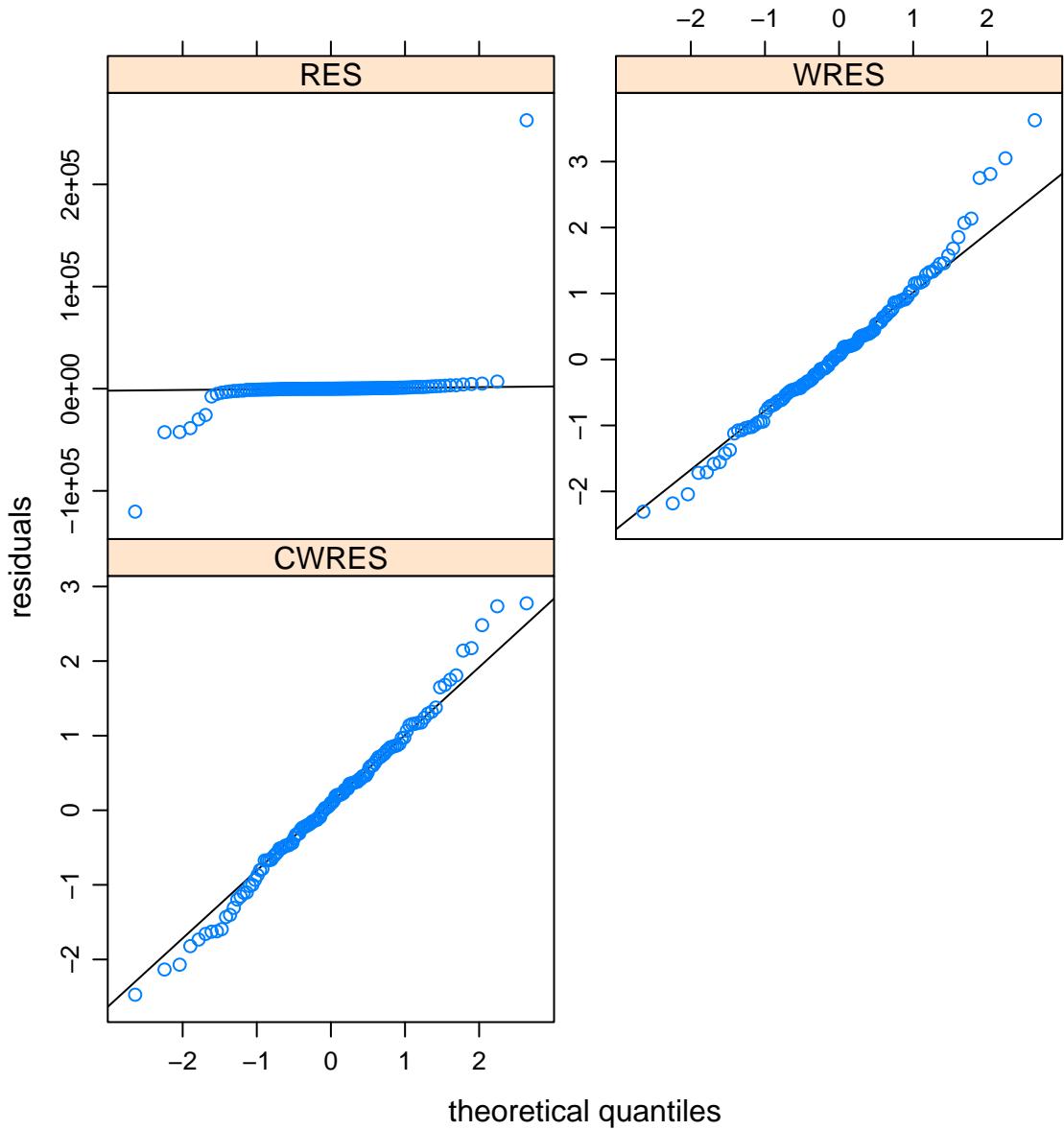
Model 2

Residuals vs. Time for male data

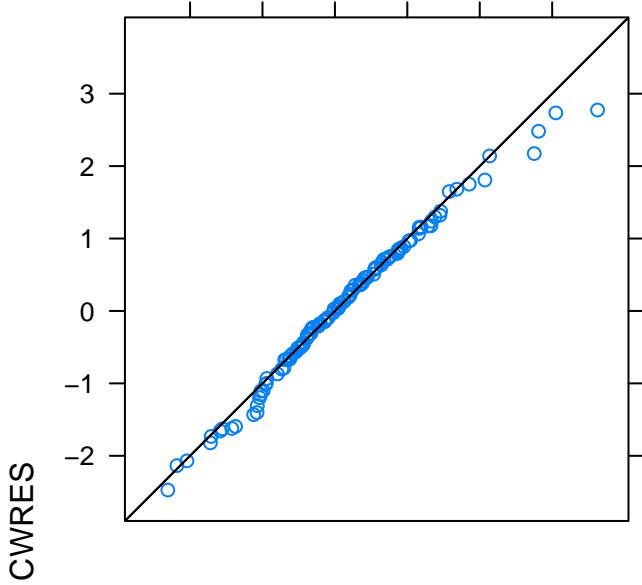


Model 2

Normal Q-Q Plot Residuals for male data

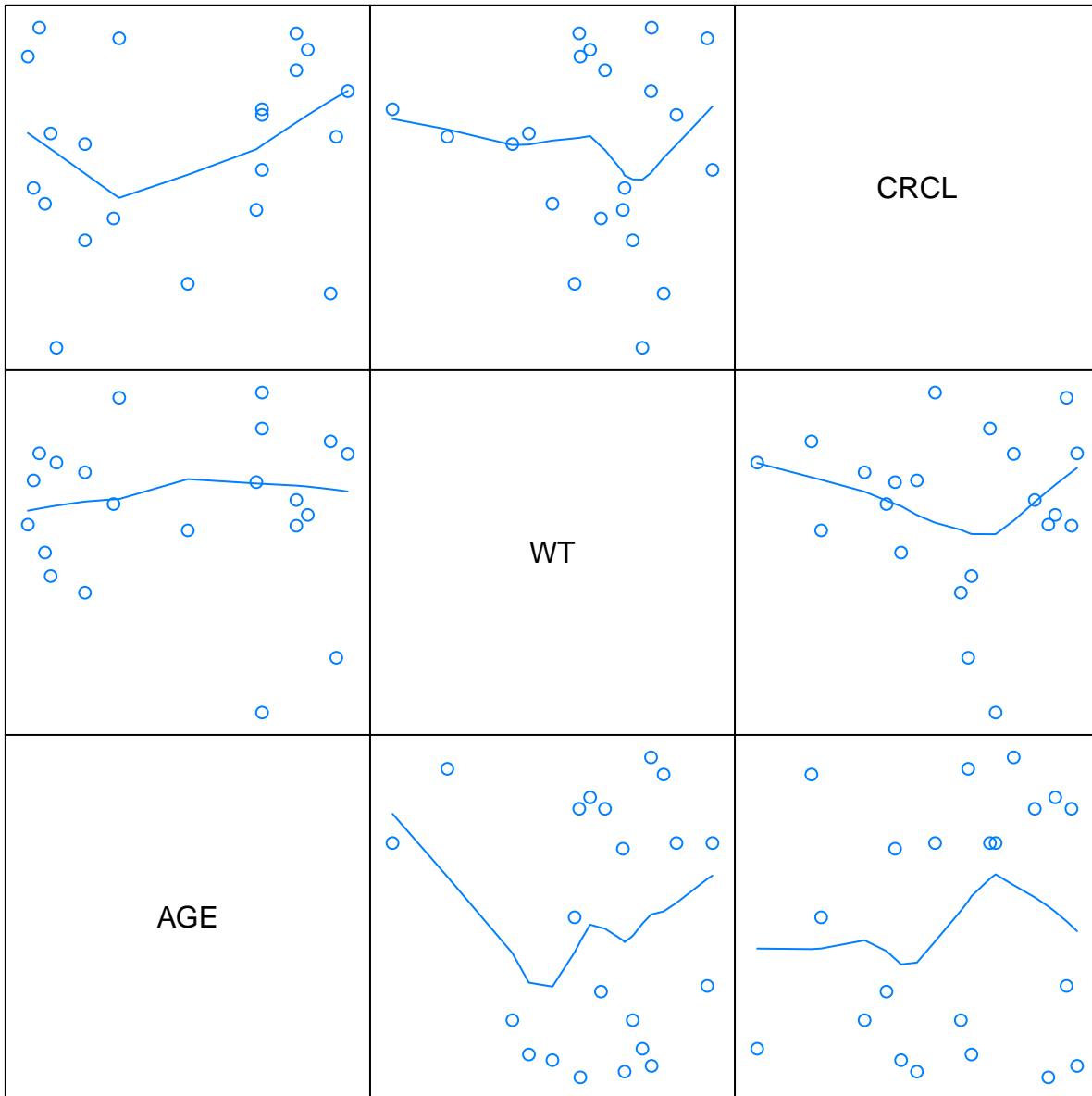


Model 2
Q-Q Plot of CWRES vs. WRES for male data

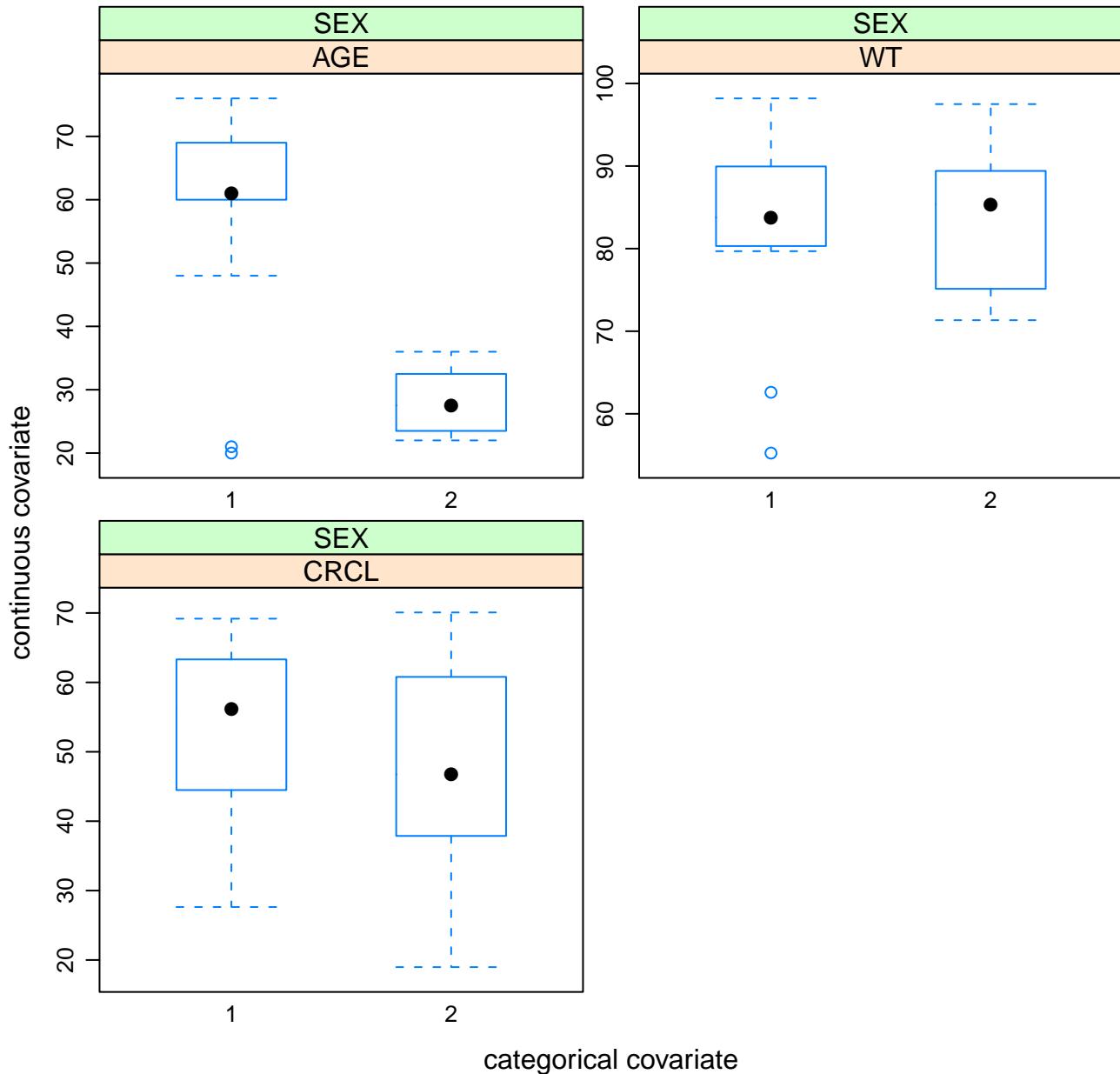


WRES

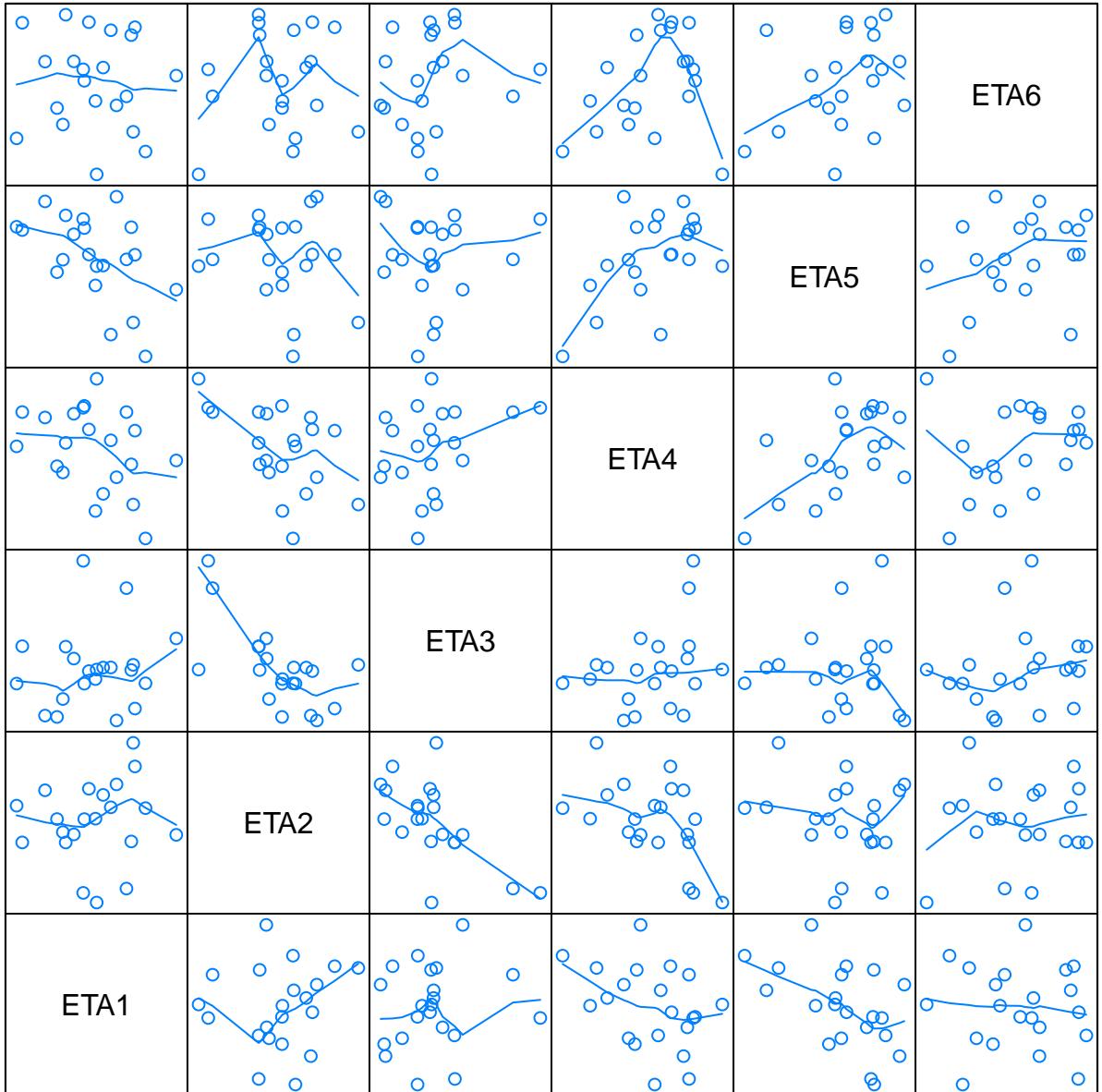
Covariate Scatterplots



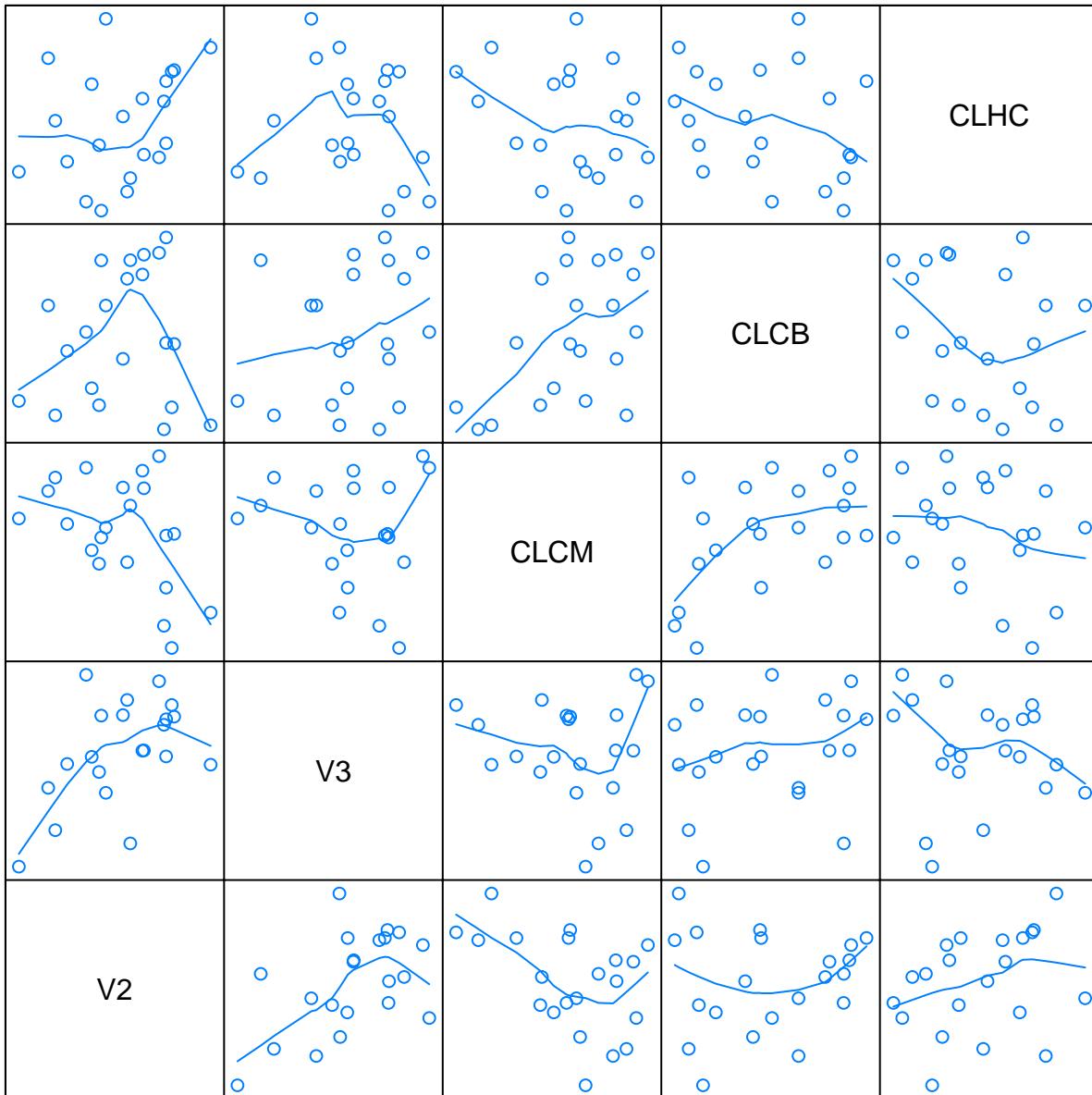
Continuous Covariates vs. Categorical Covariates



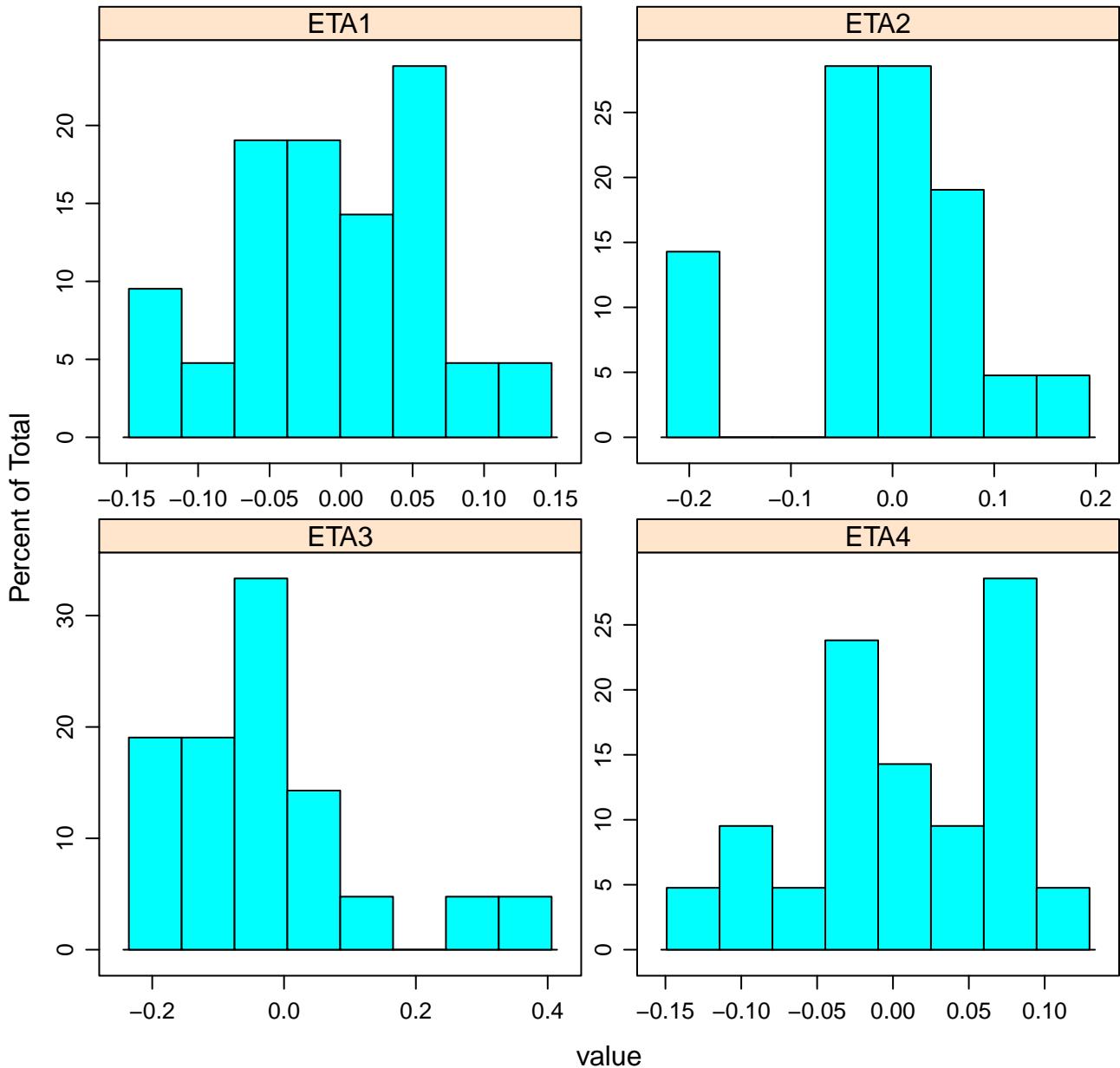
ETA Scatterplots



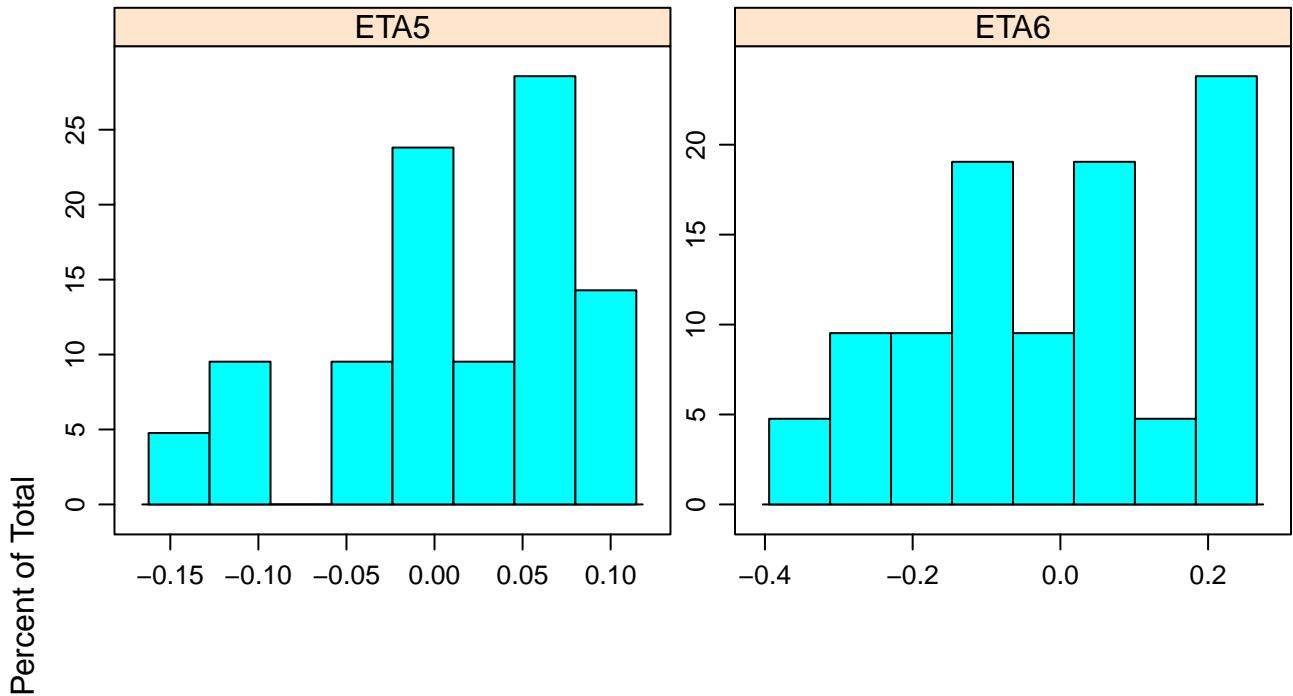
Parameter Scatterplots



Histograms of Etas

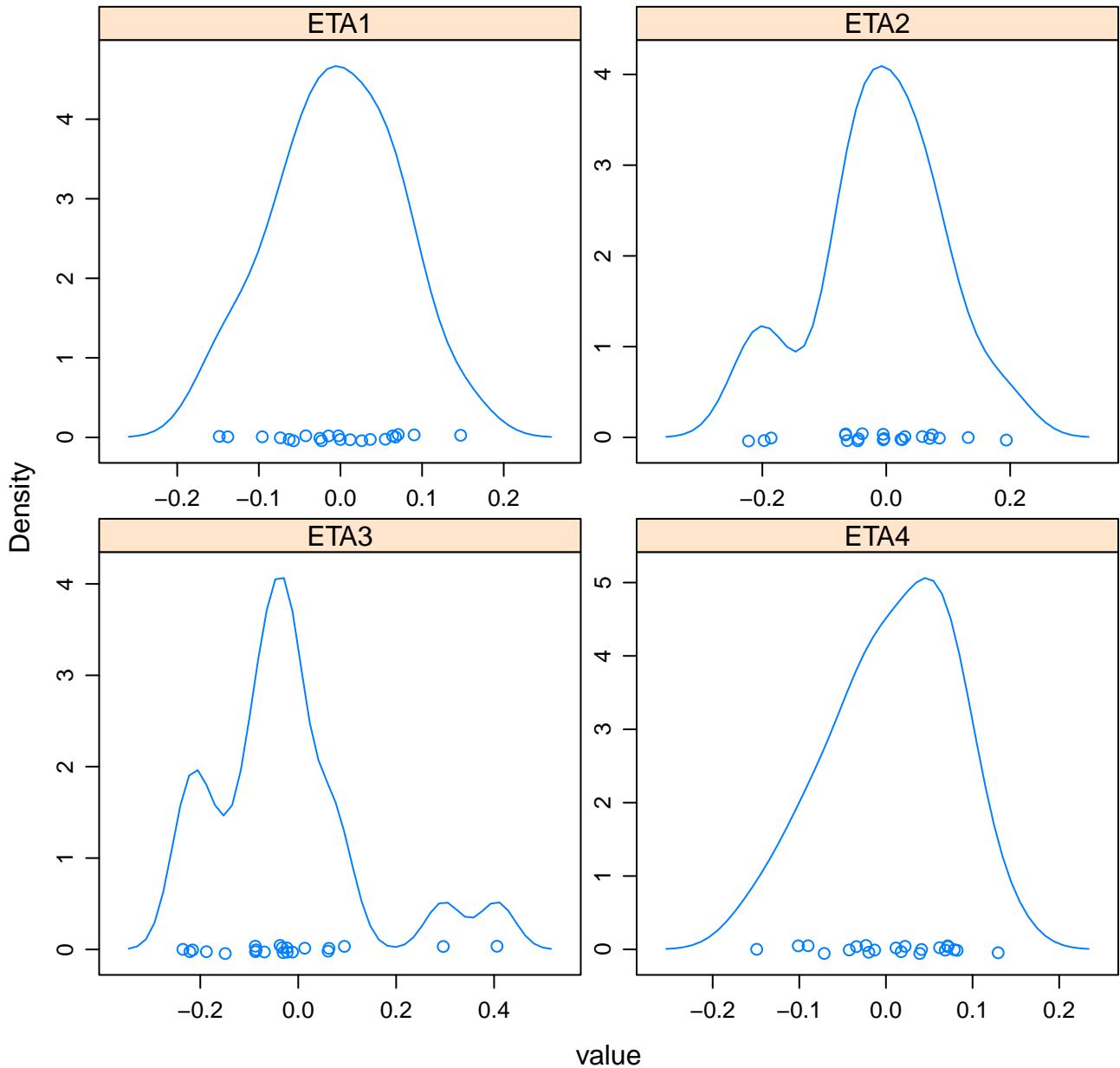


Histograms of Etas

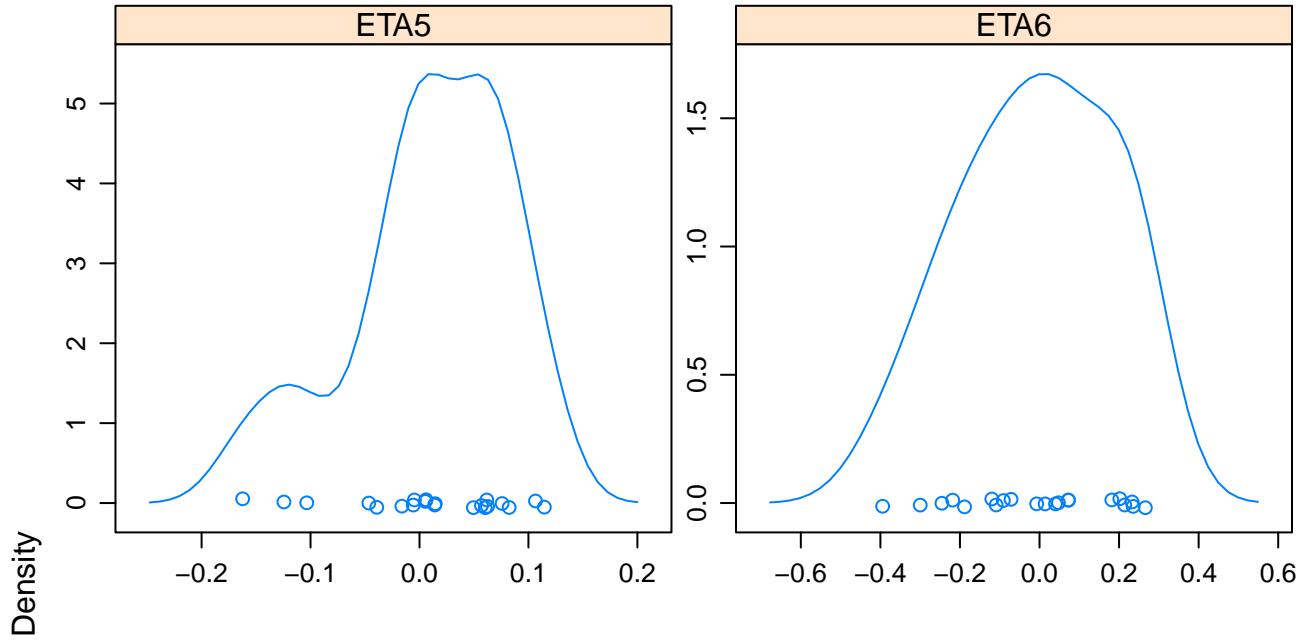


value

Density of Etas

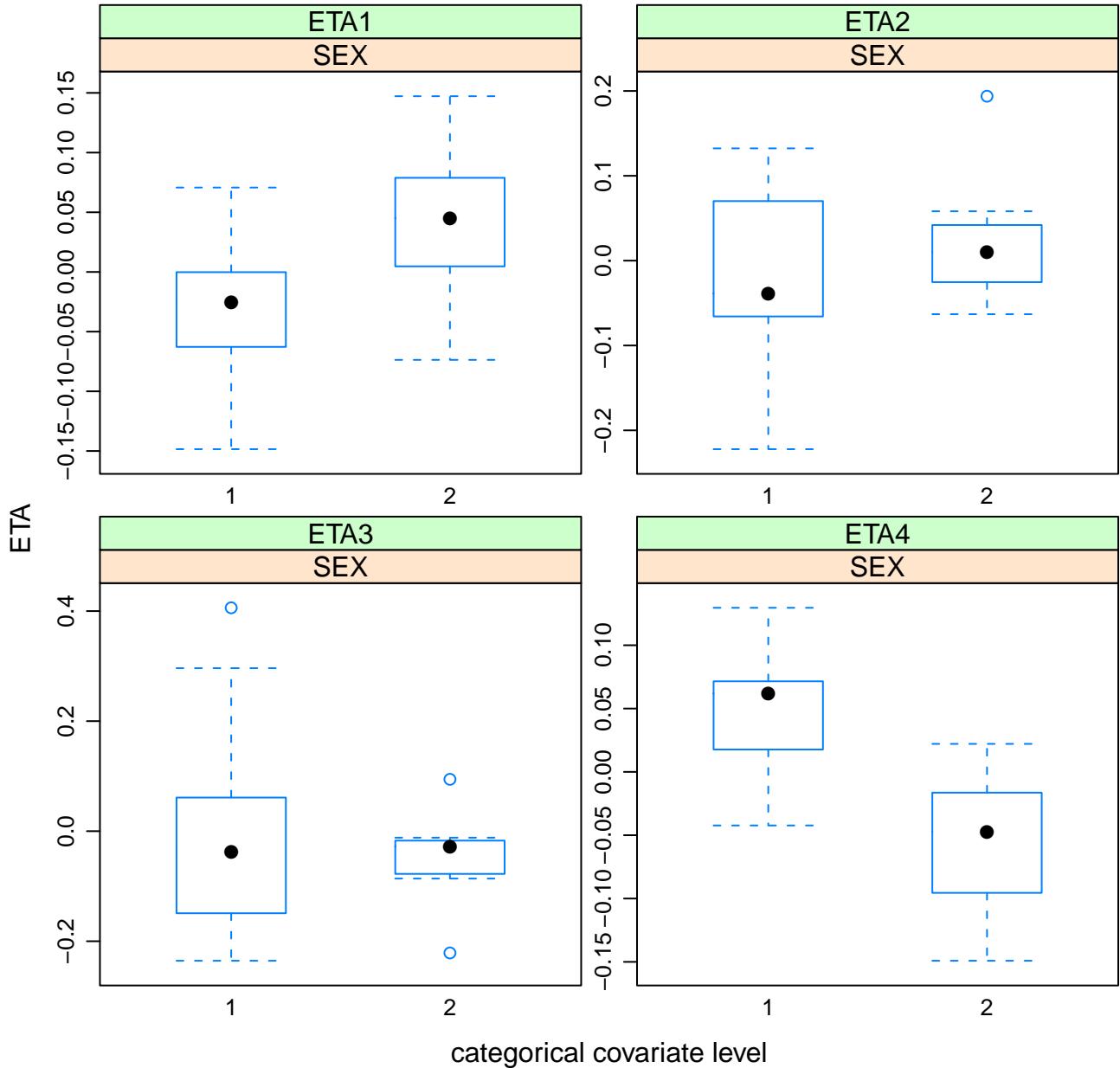


Density of Etas

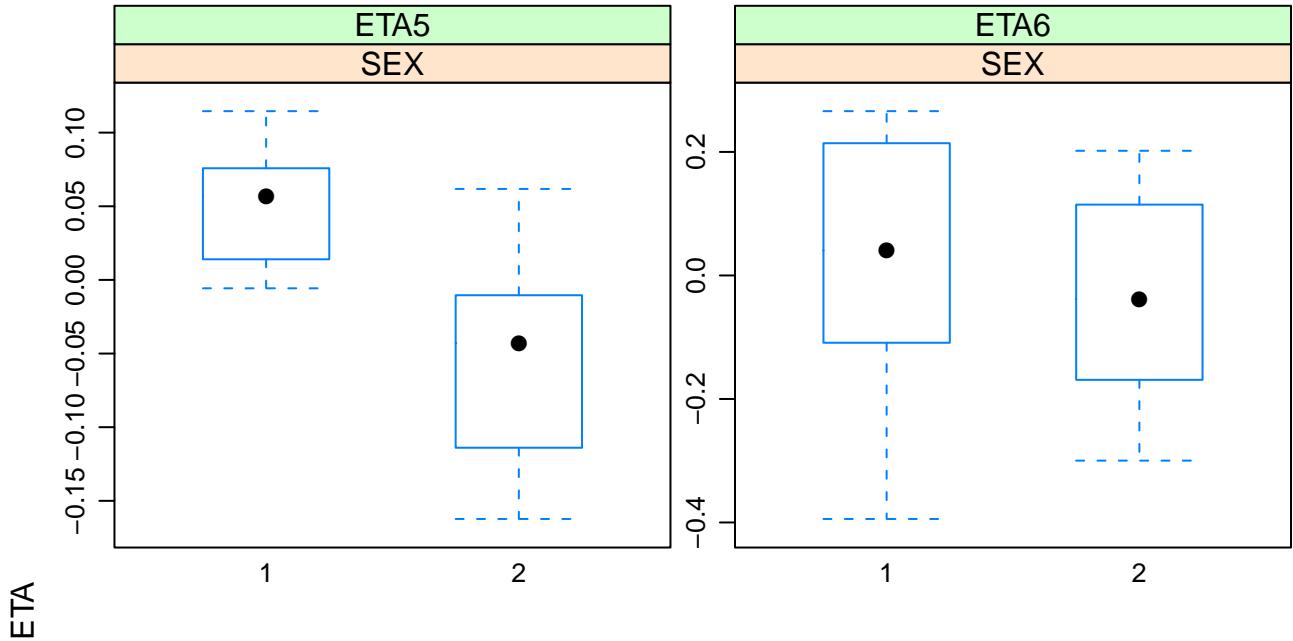


value

Boxplots of Etas by Categorical Covariate

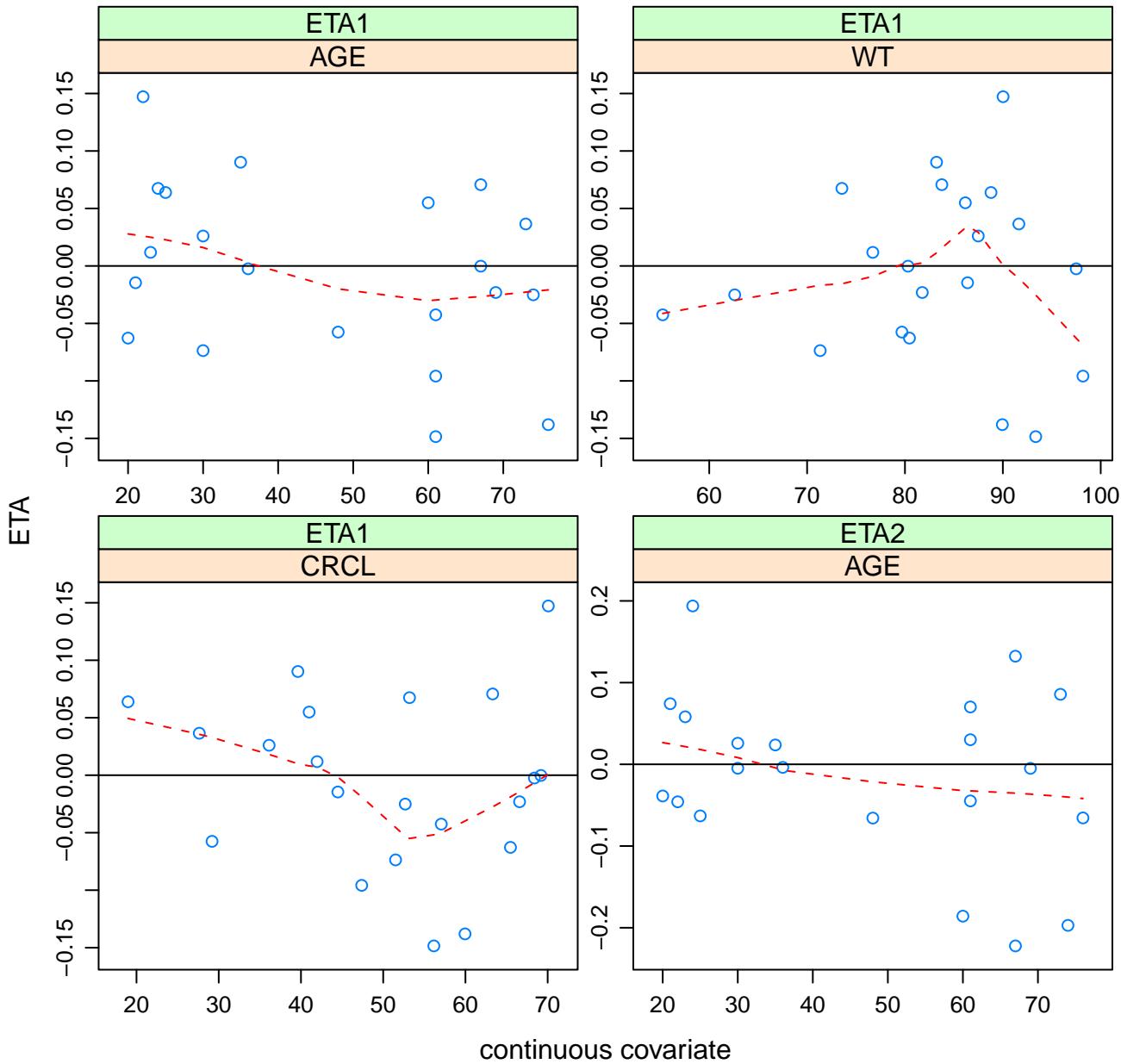


Boxplots of Etas by Categorical Covariate

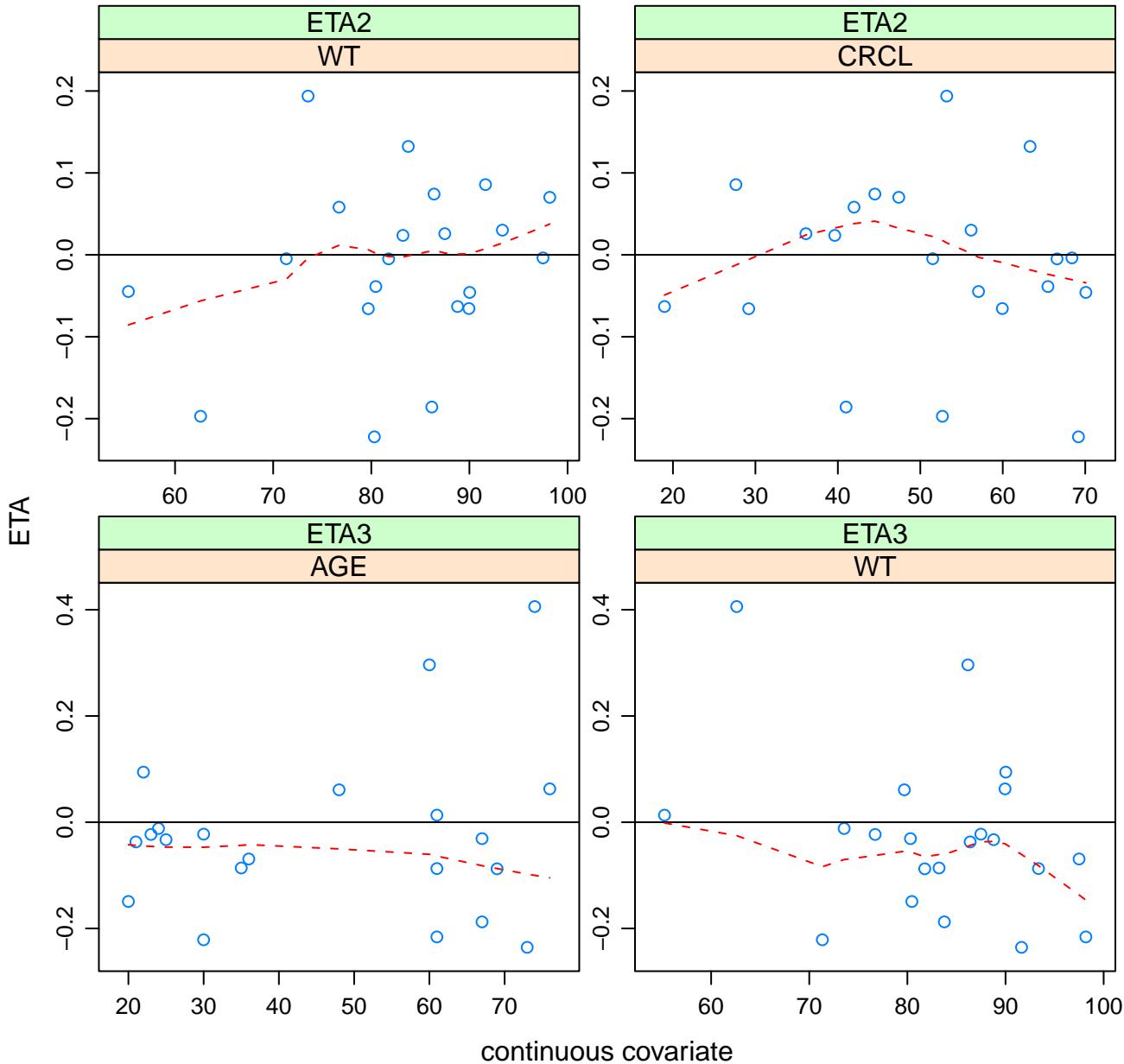


categorical covariate level

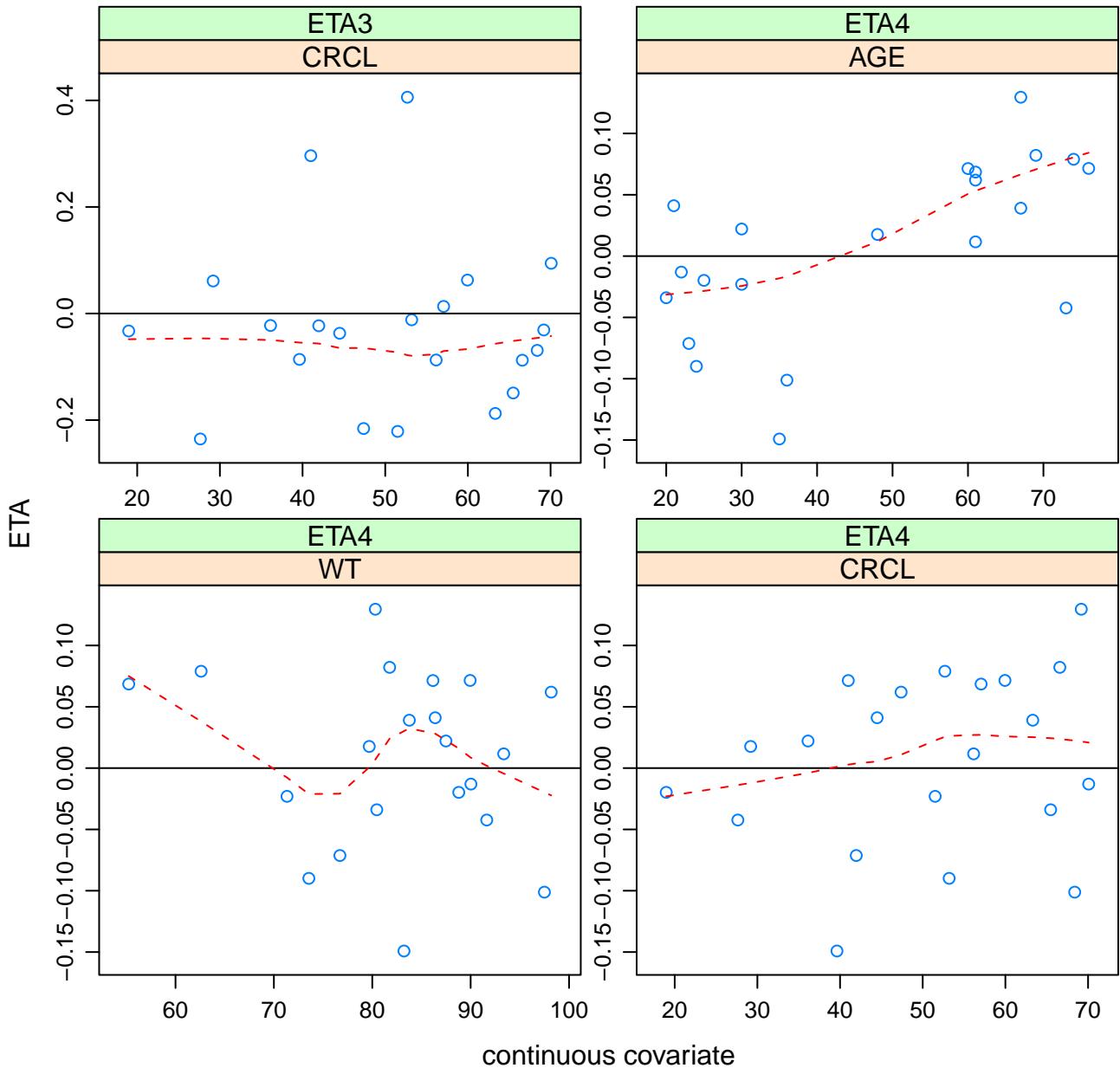
Etas vs. Continuous Covariates



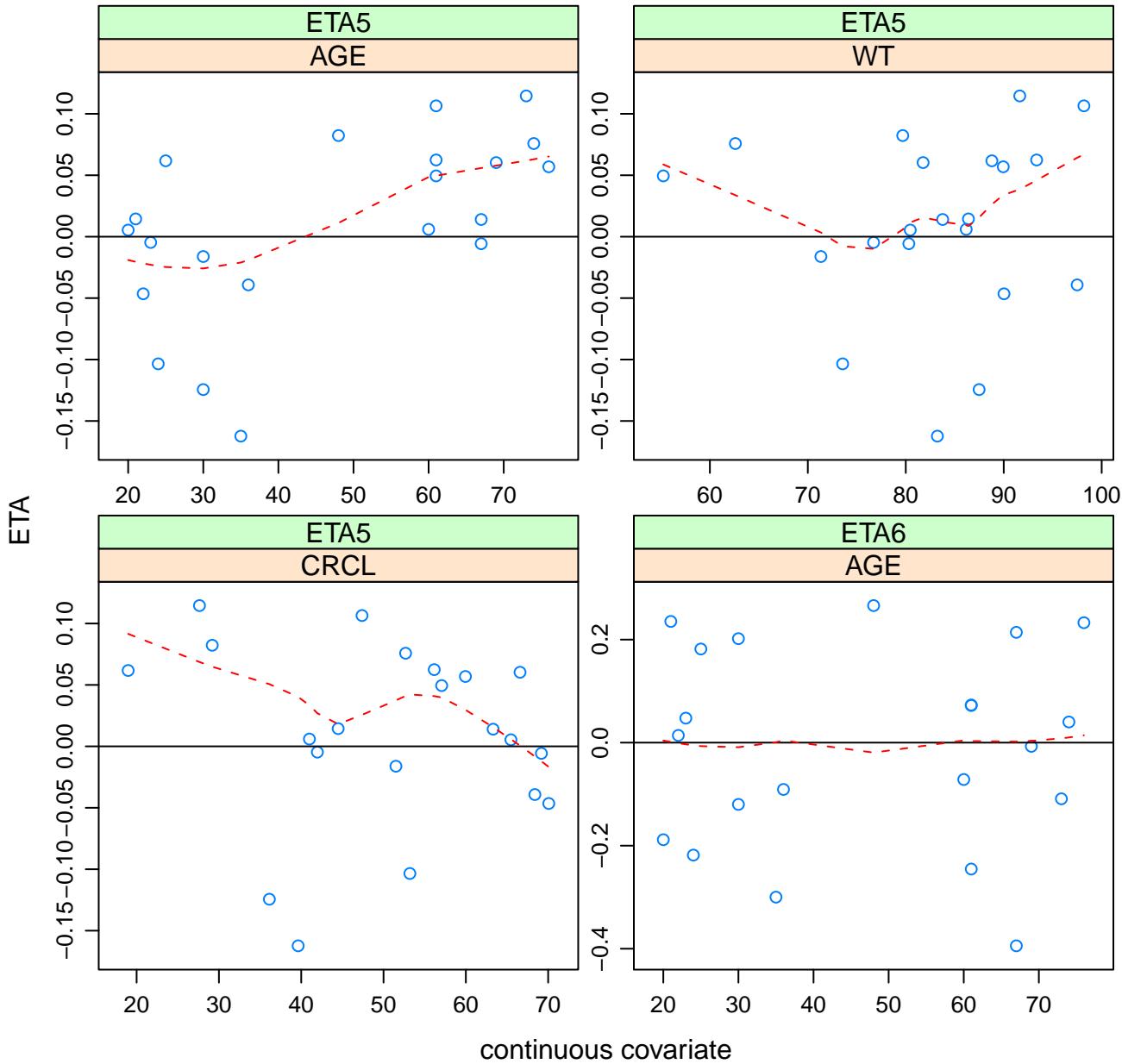
Etas vs. Continuous Covariates



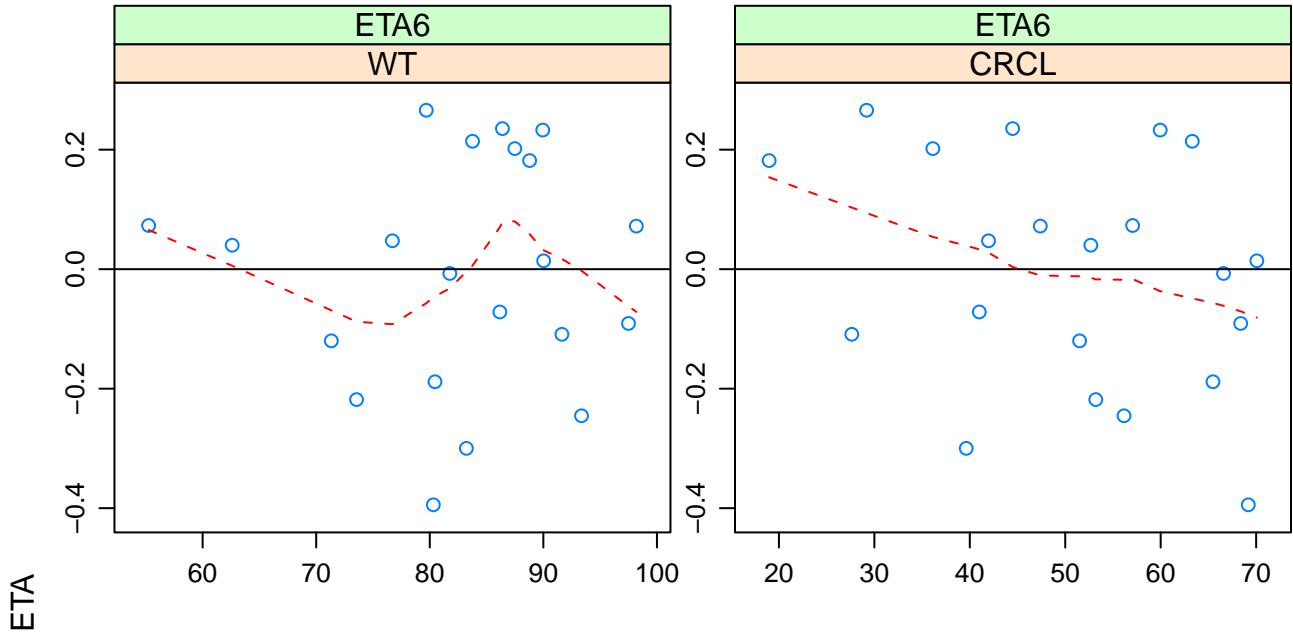
Etas vs. Continuous Covariates



Etas vs. Continuous Covariates

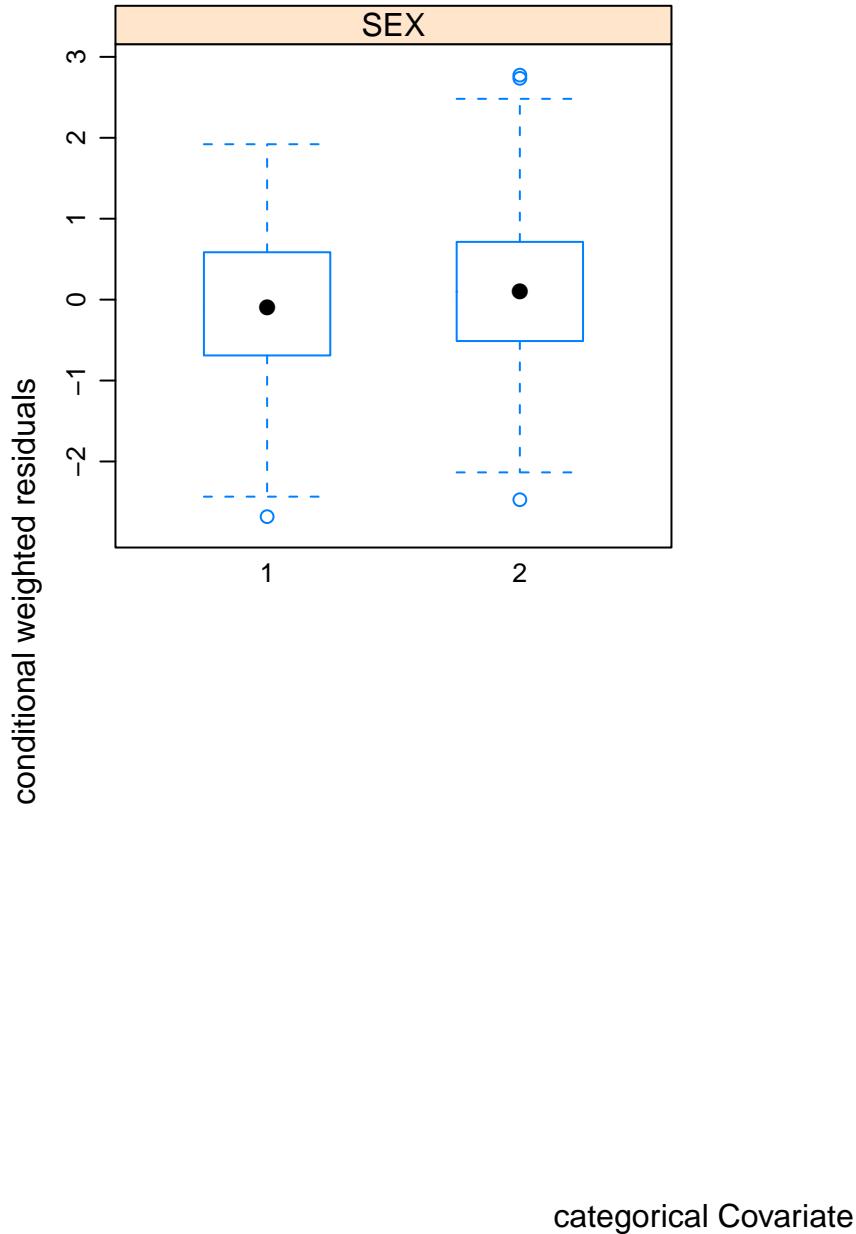


Etas vs. Continuous Covariates



continuous covariate

CWRES vs. Categorical Covariates



CWRES vs. Continuous Covariates

