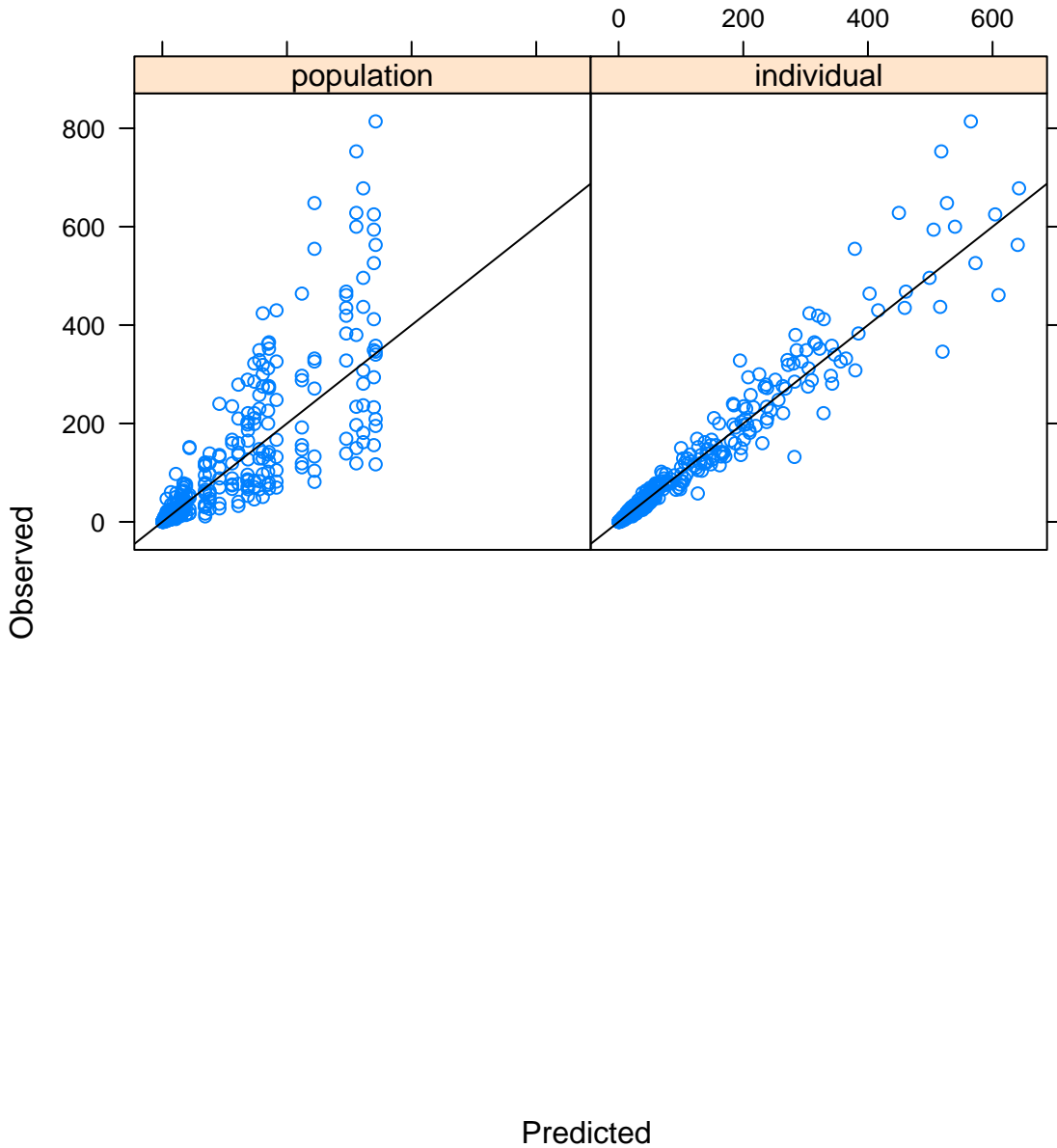


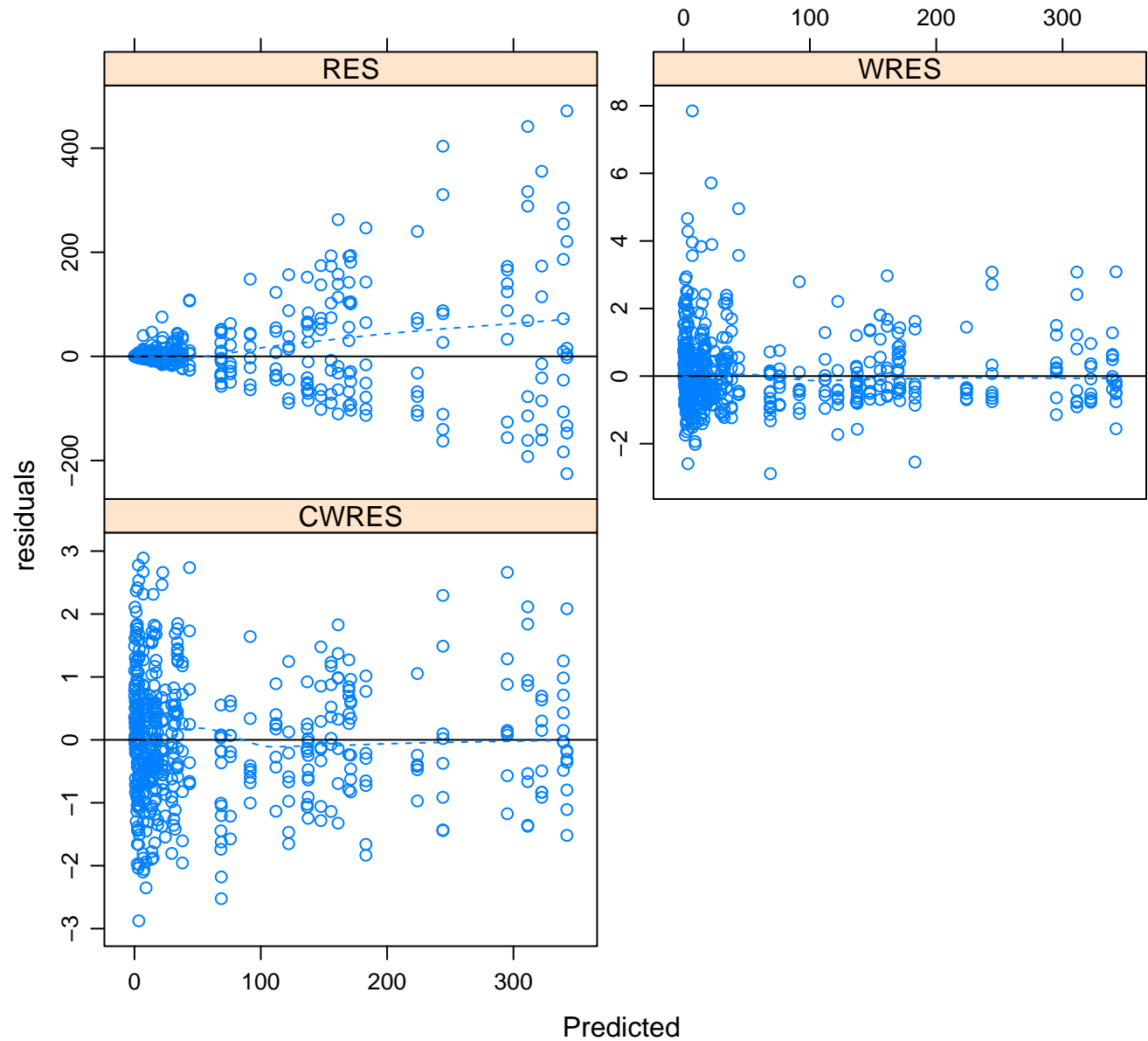
Model 1002

Observed vs. Predicted for all data



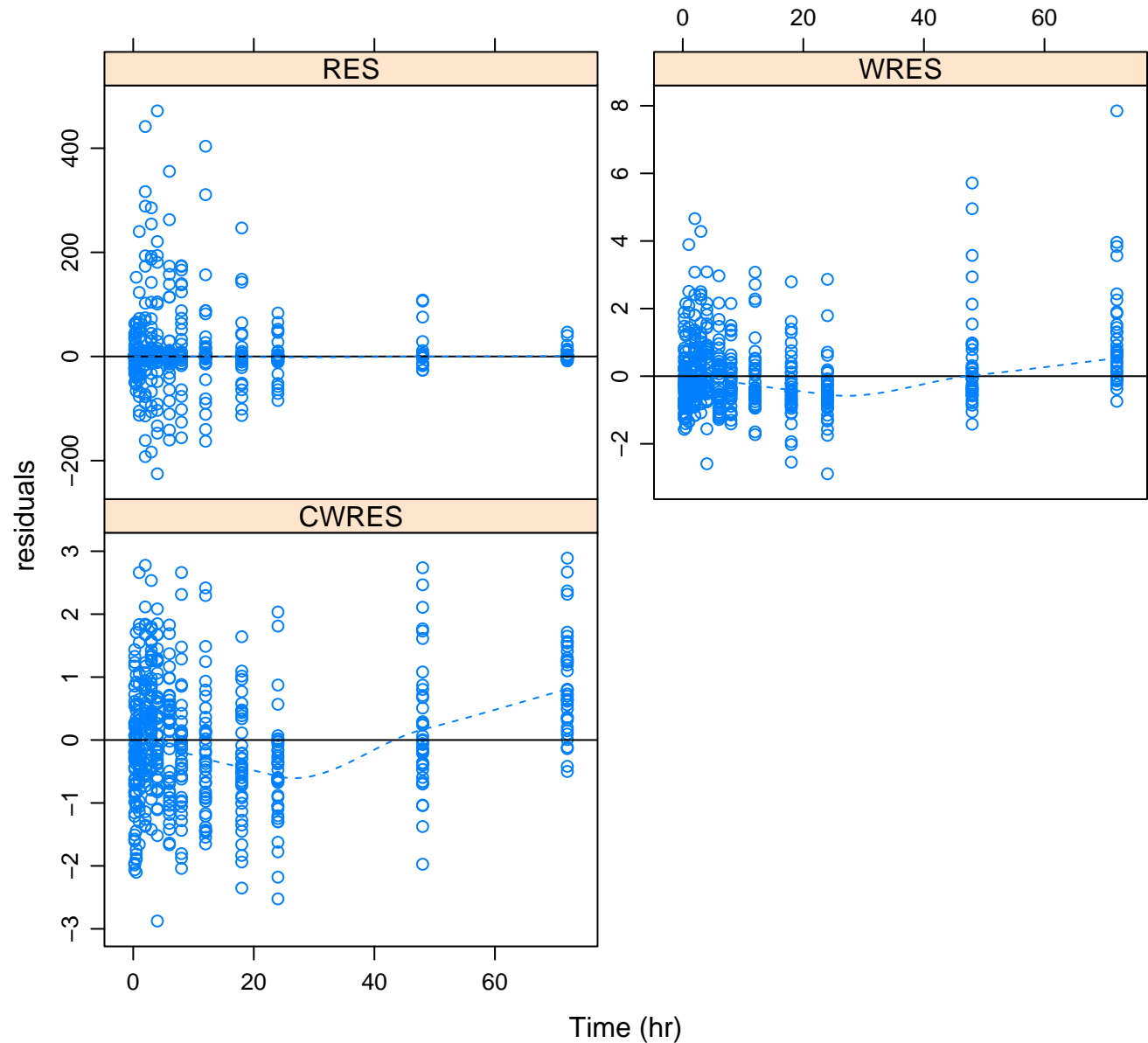
Model 1002

Residuals vs. Predicted for all data



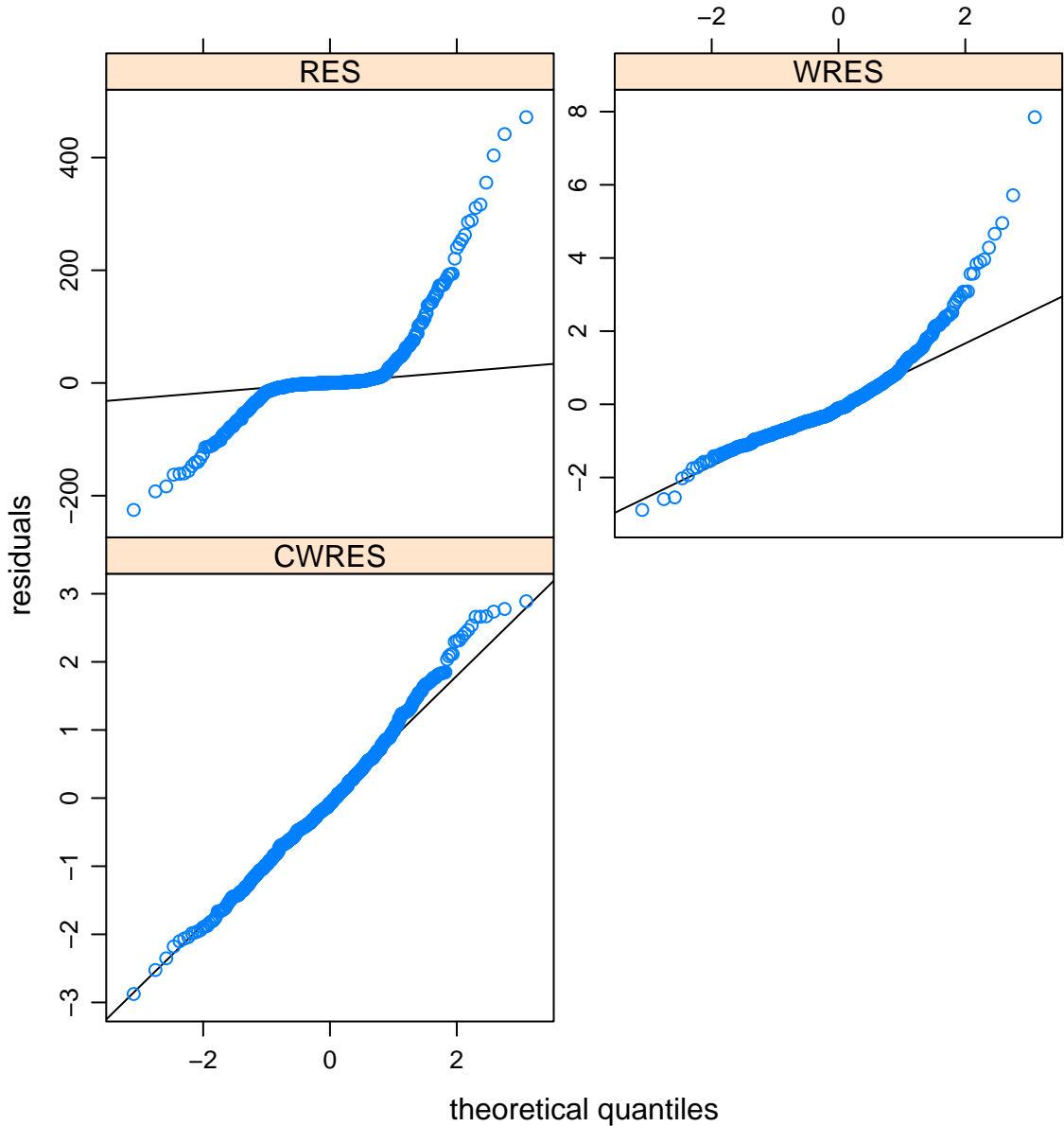
Model 1002

Residuals vs. Time for all data

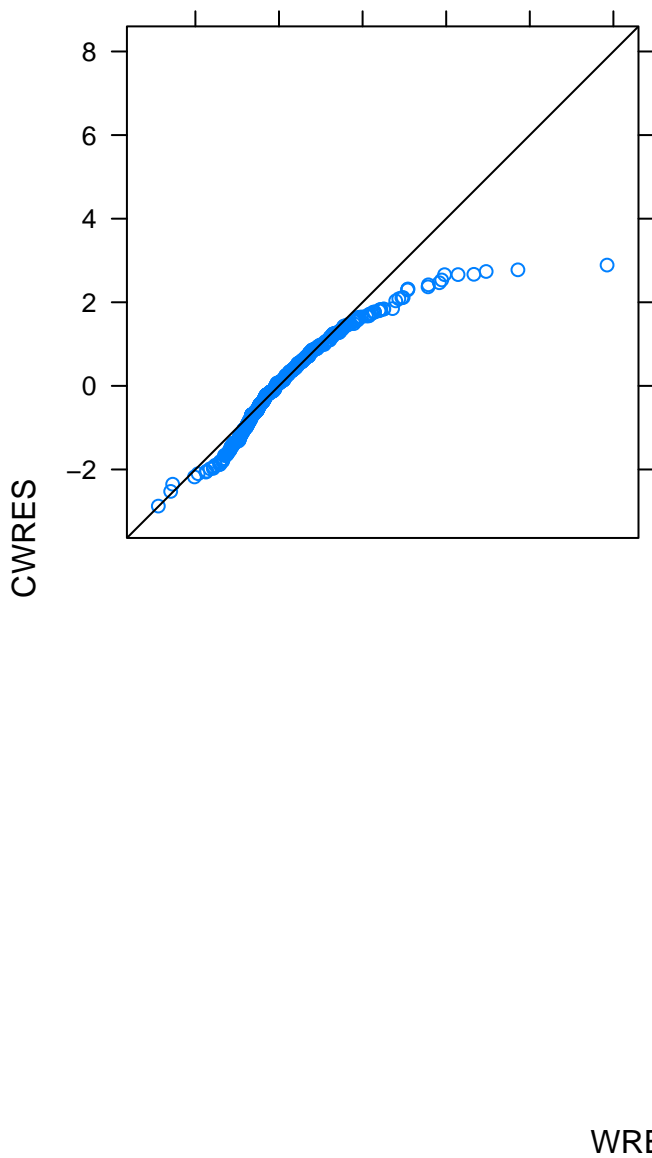


Model 1002

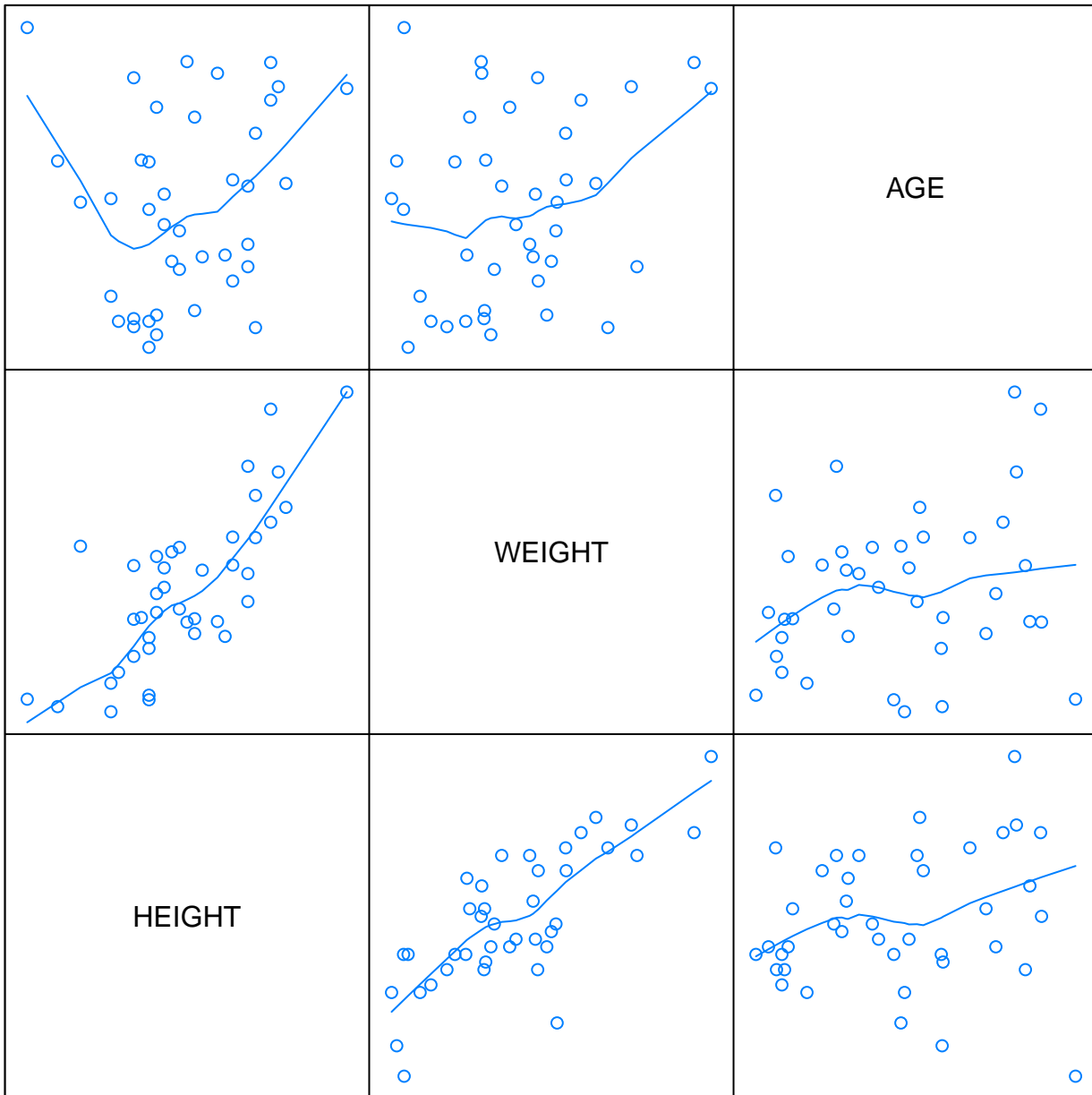
Normal Q-Q Plot Residuals for all data



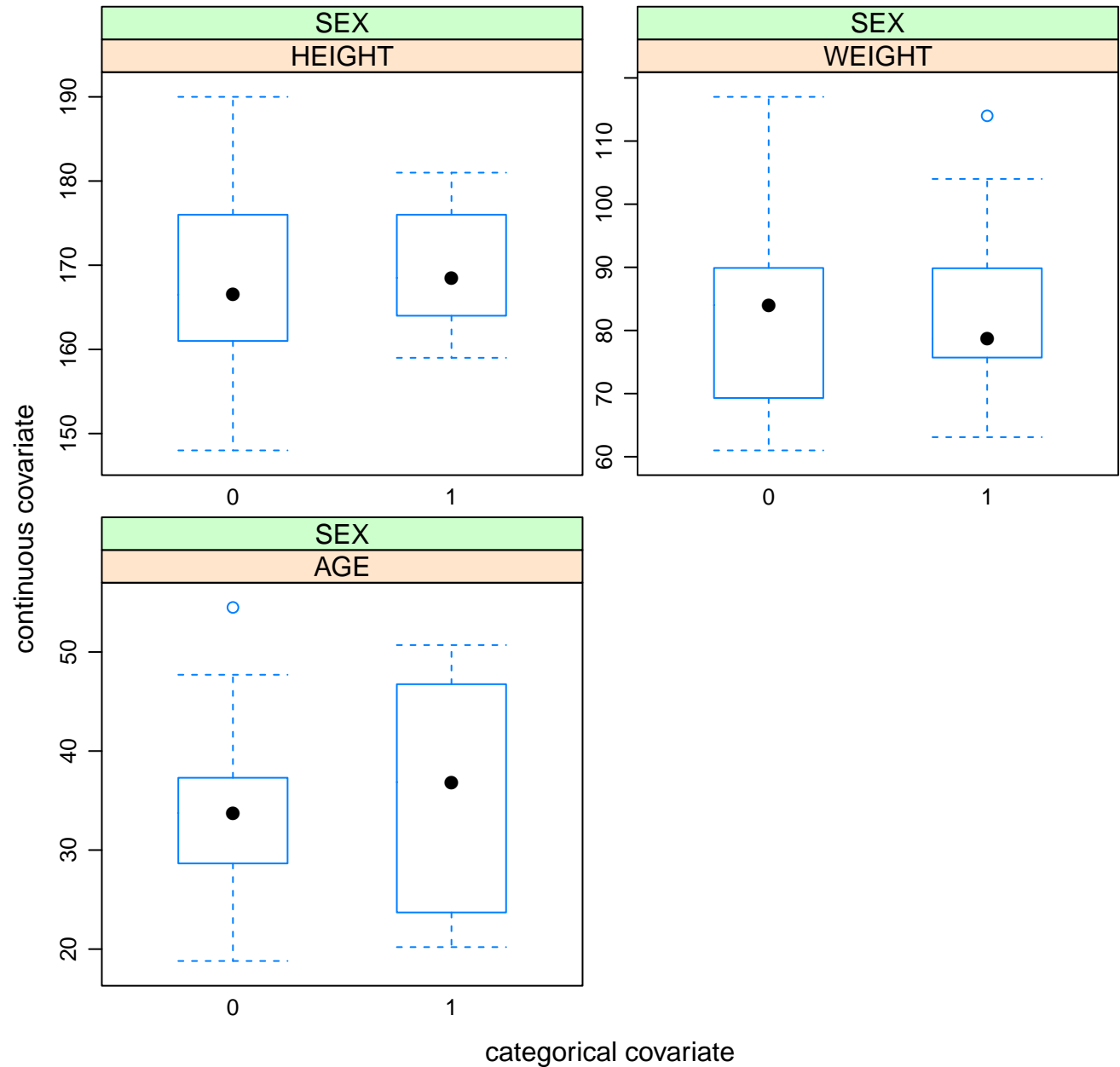
Model 1002
Q-Q Plot of CWRES vs. WRES for all data



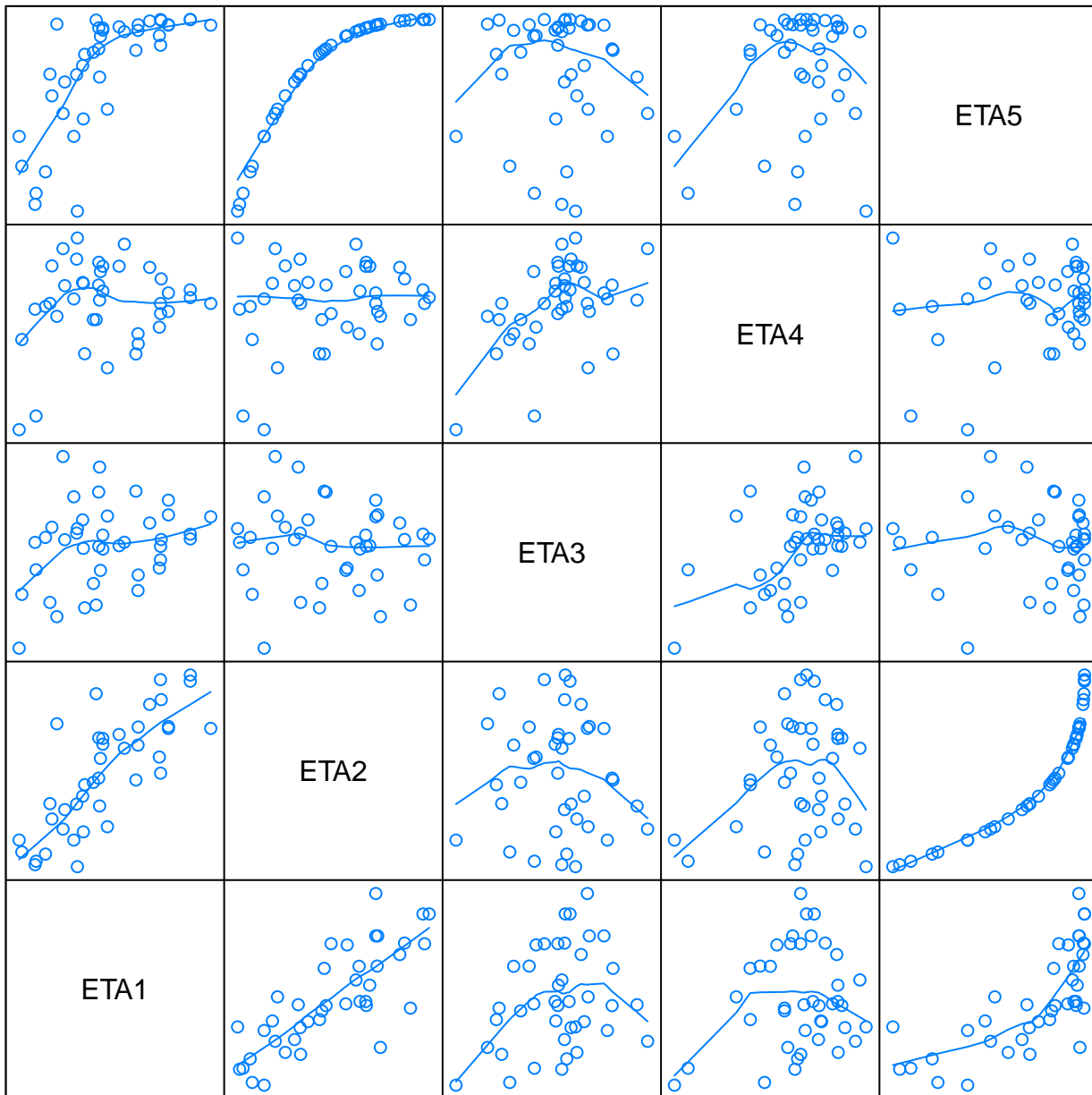
Covariate Scatterplots



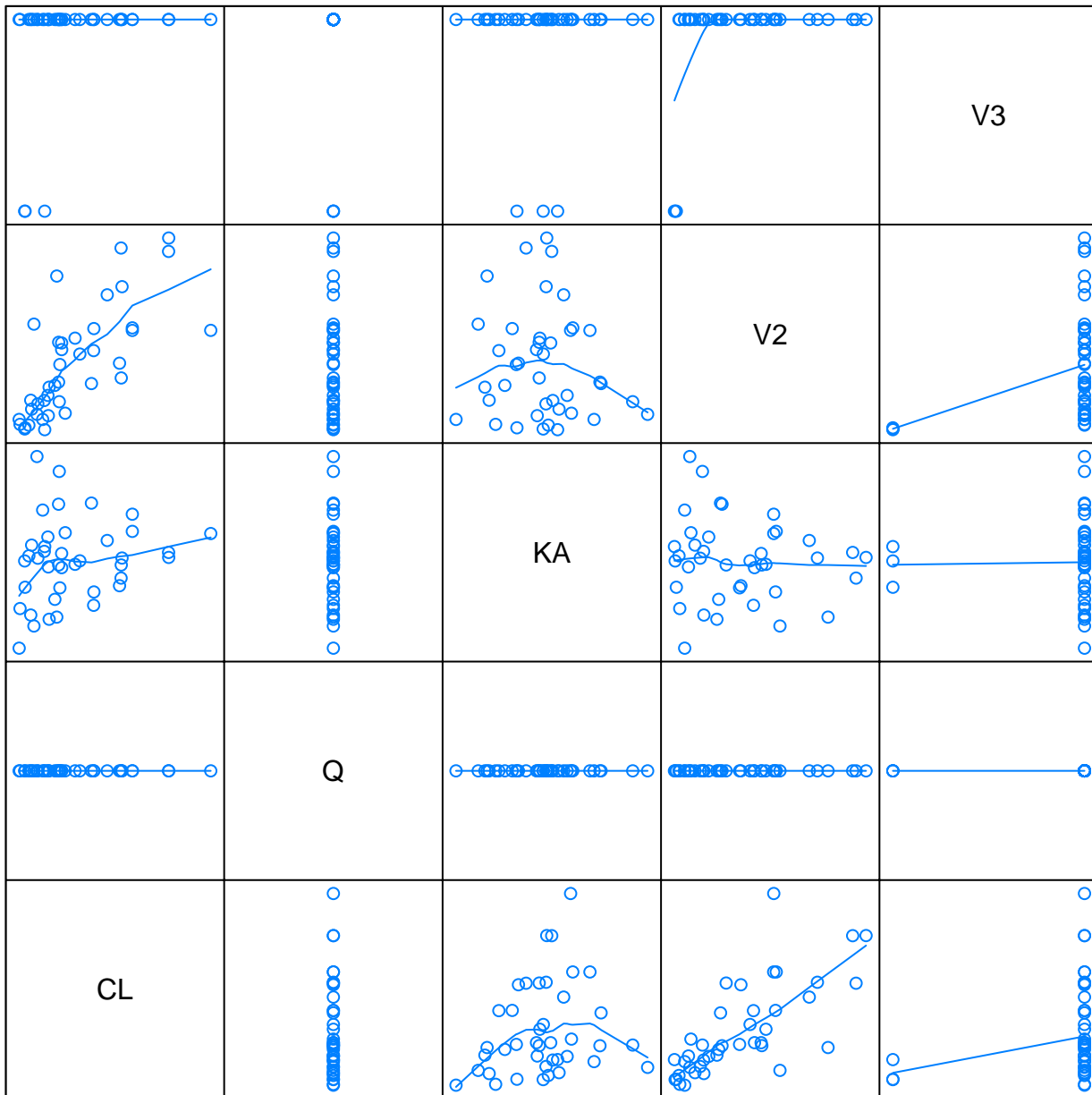
Continuous Covariates vs. Categorical Covariates



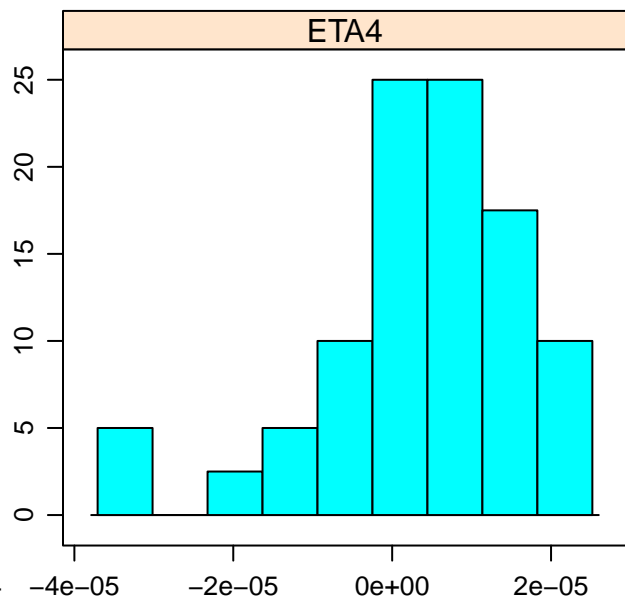
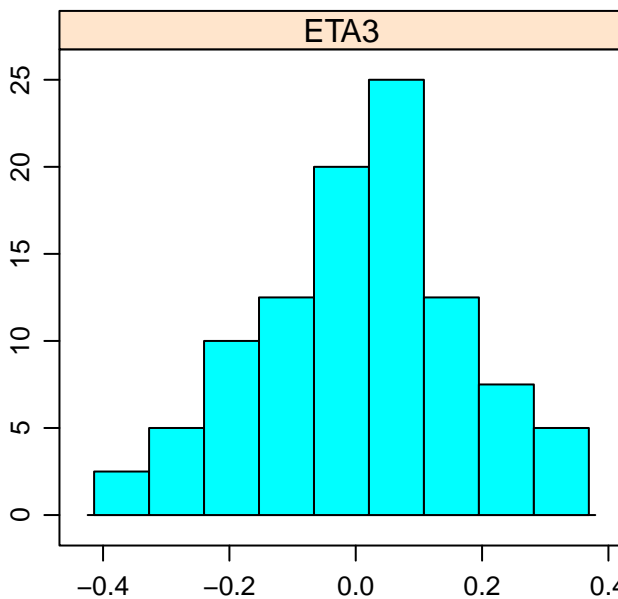
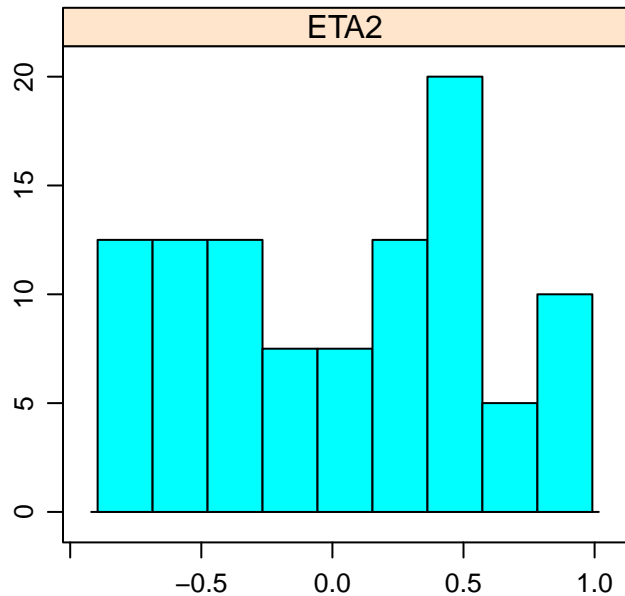
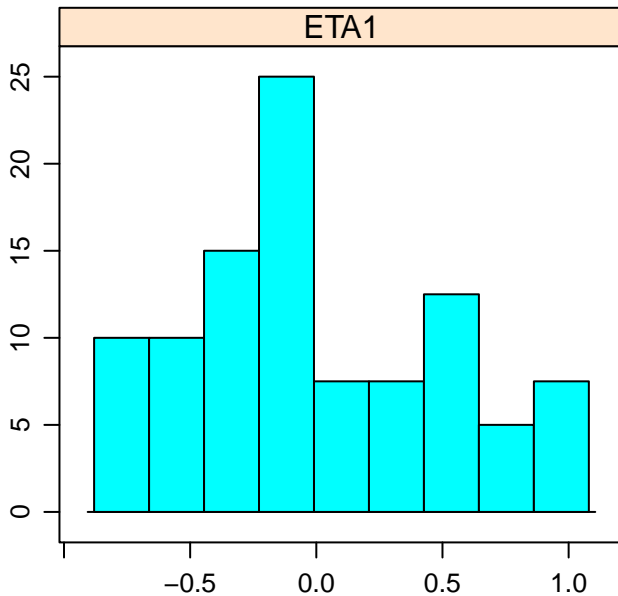
ETA Scatterplots



Parameter Scatterplots

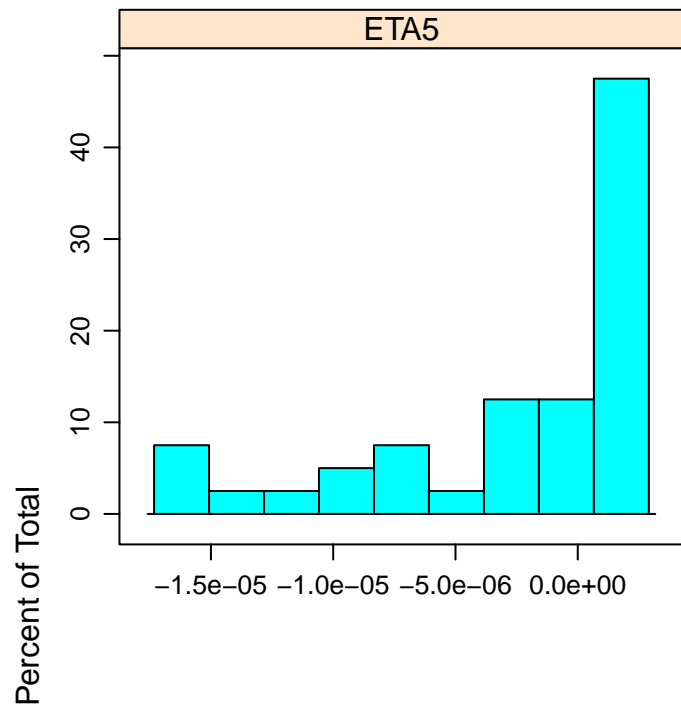


Histograms of Etas



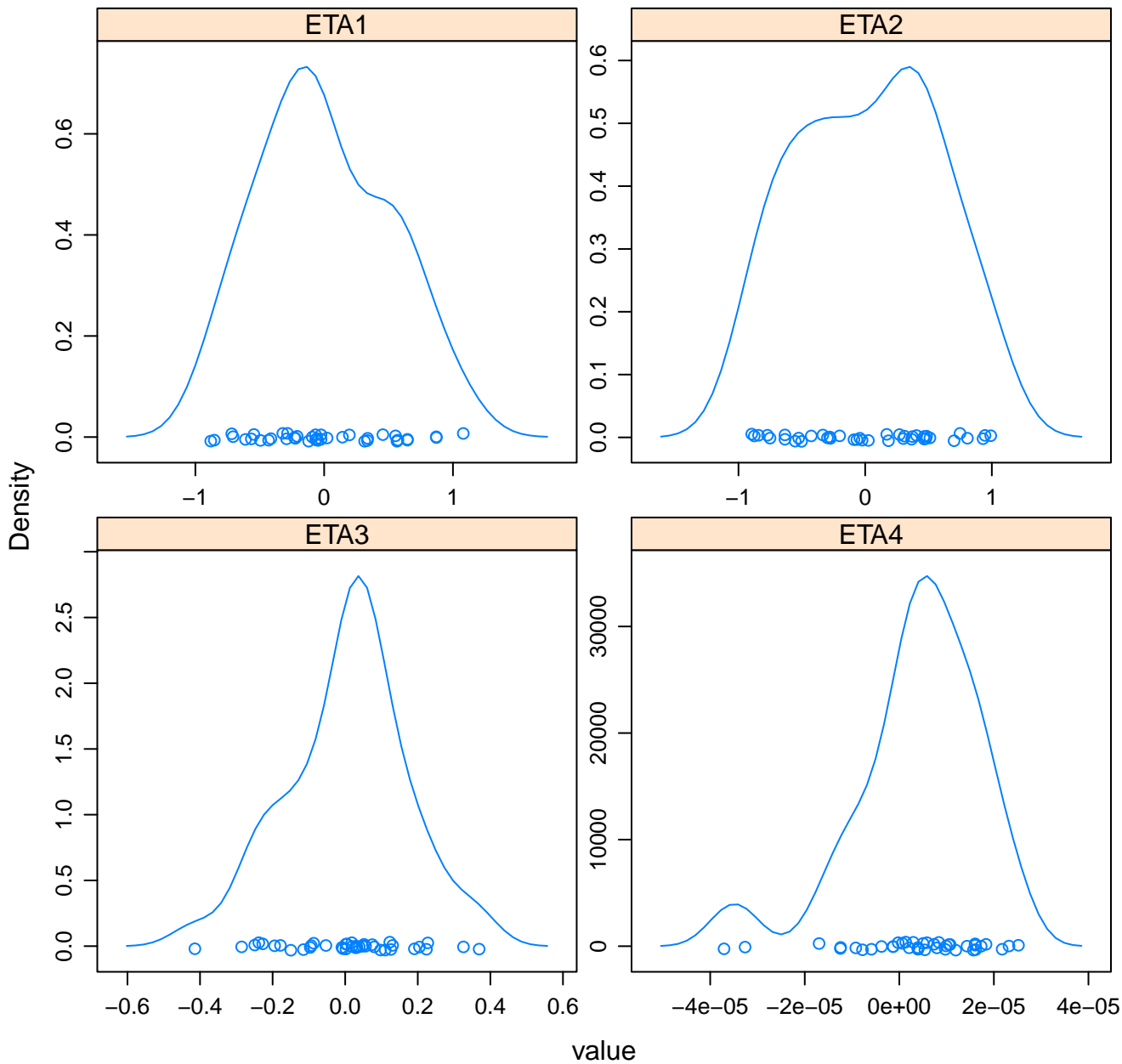
value

Histograms of Etas

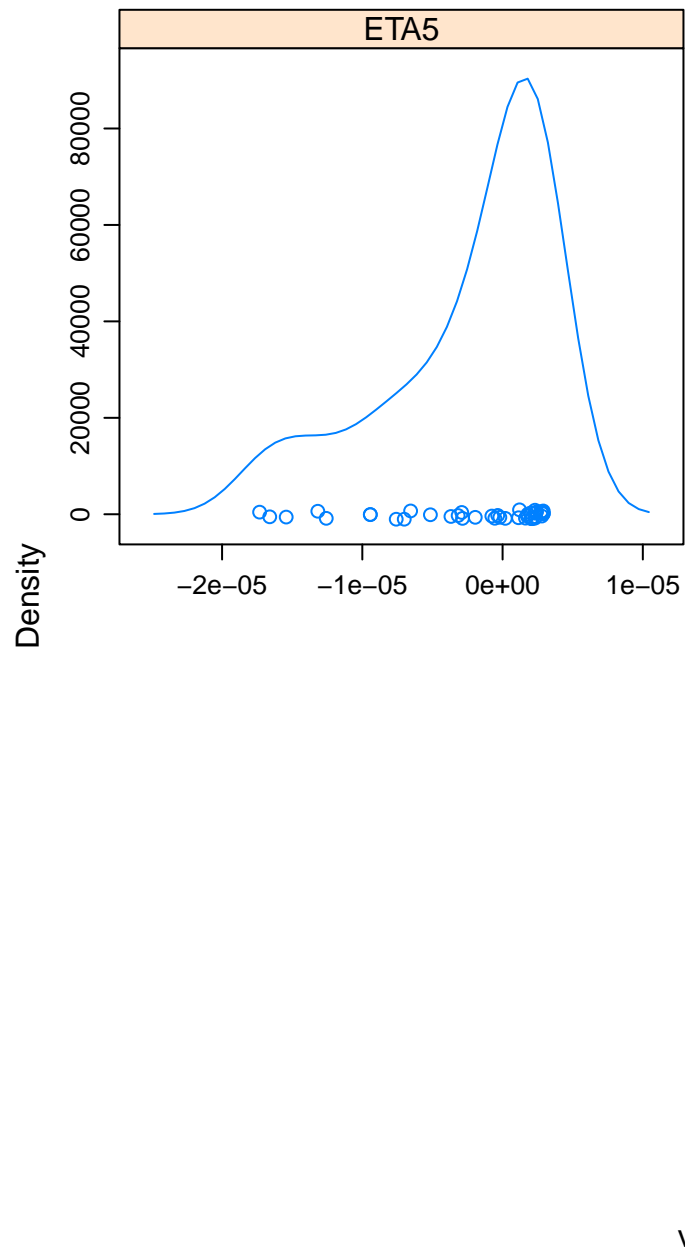


value

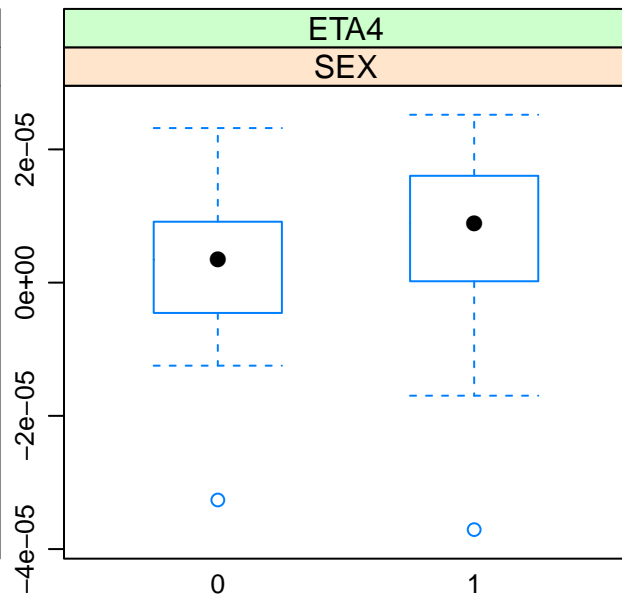
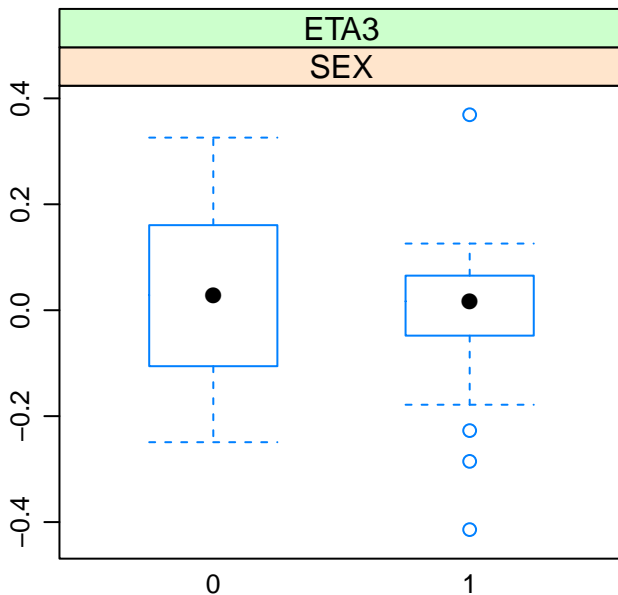
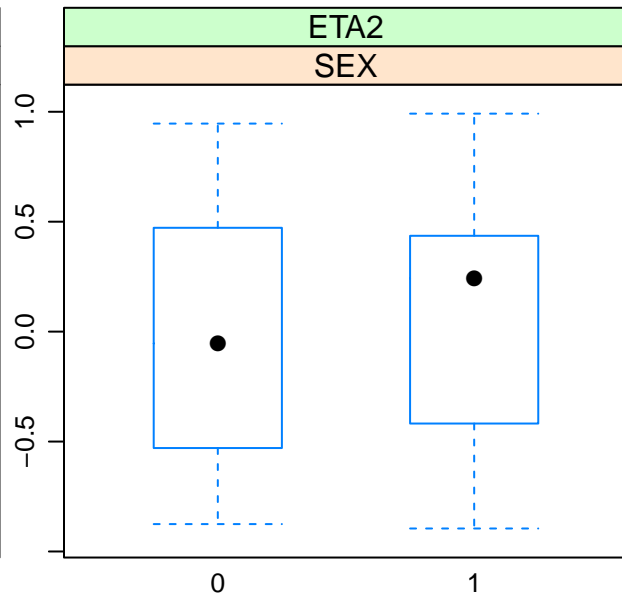
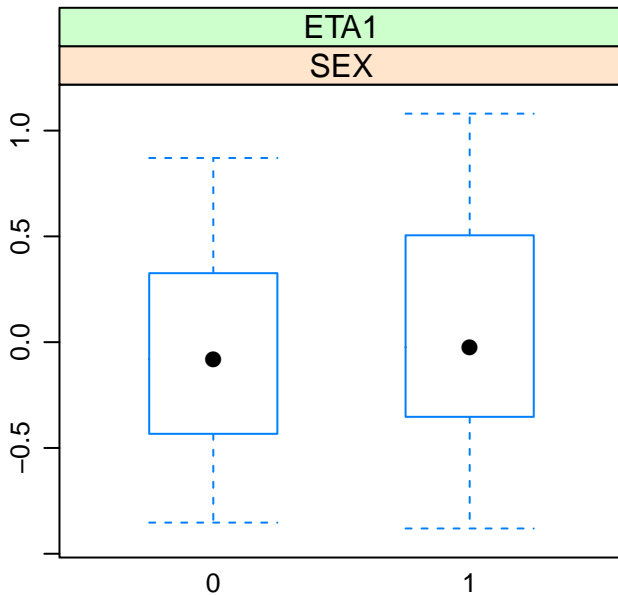
Density of Etas



Density of Etas

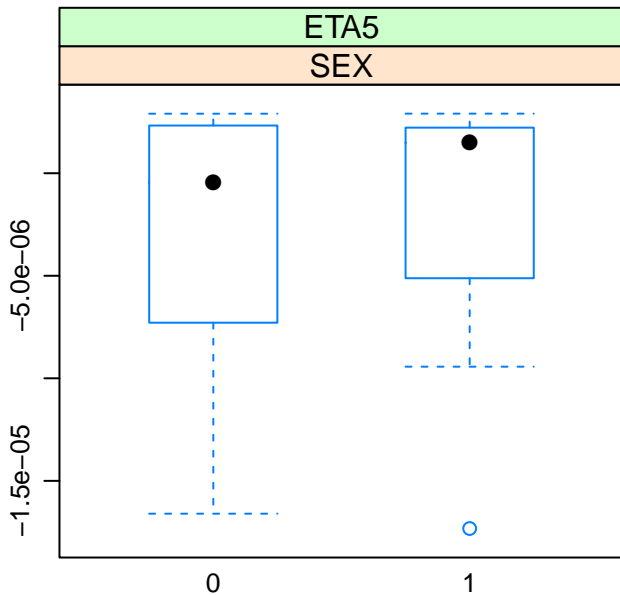


Boxplots of Etas by Categorical Covariate



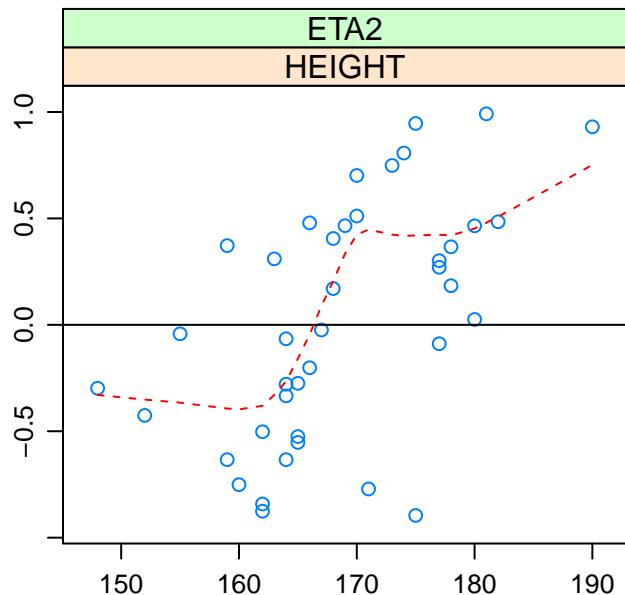
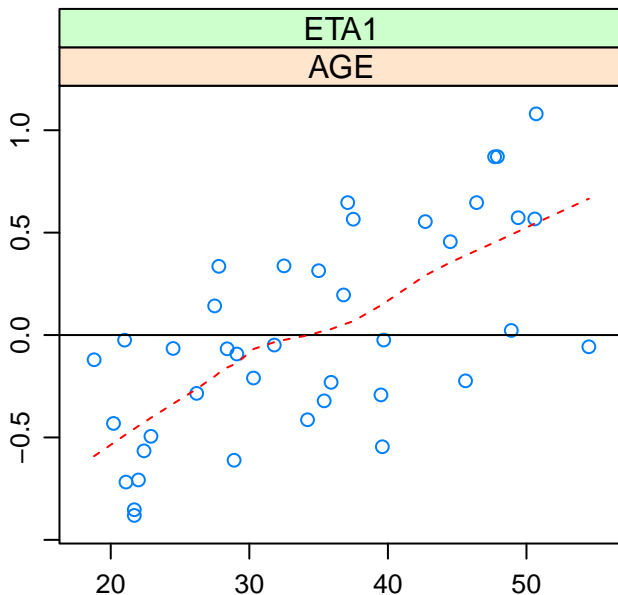
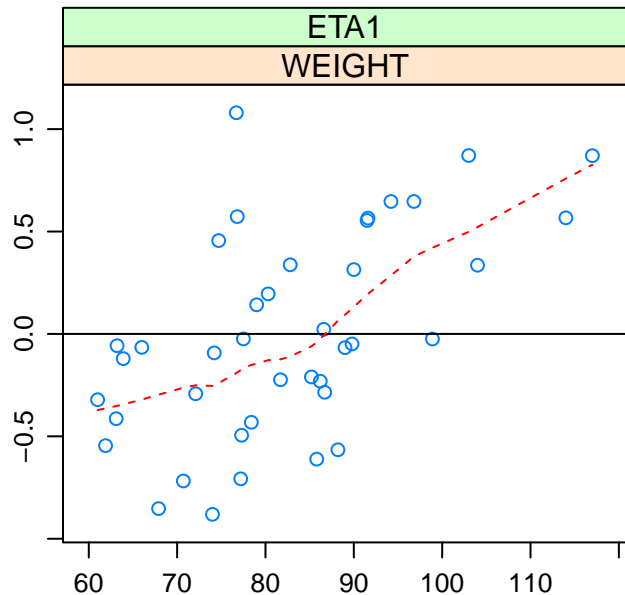
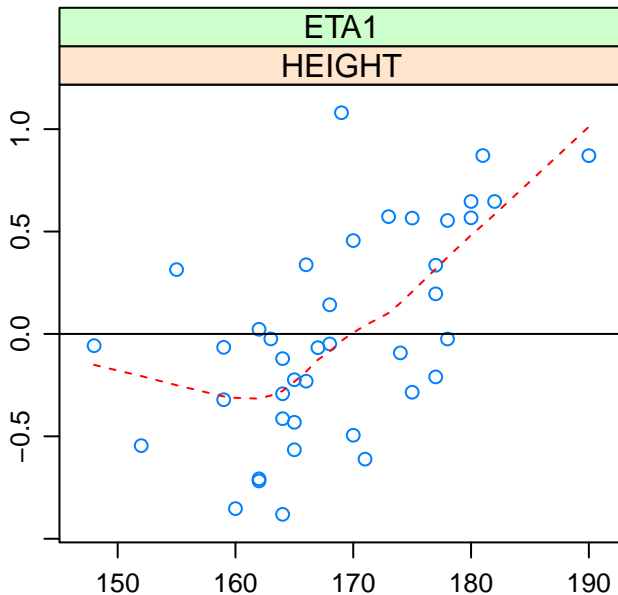
categorical covariate level

Boxplots of Etas by Categorical Covariate



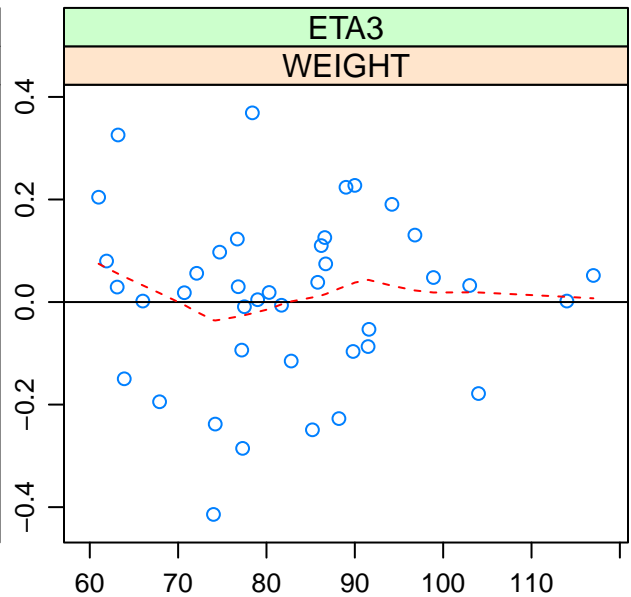
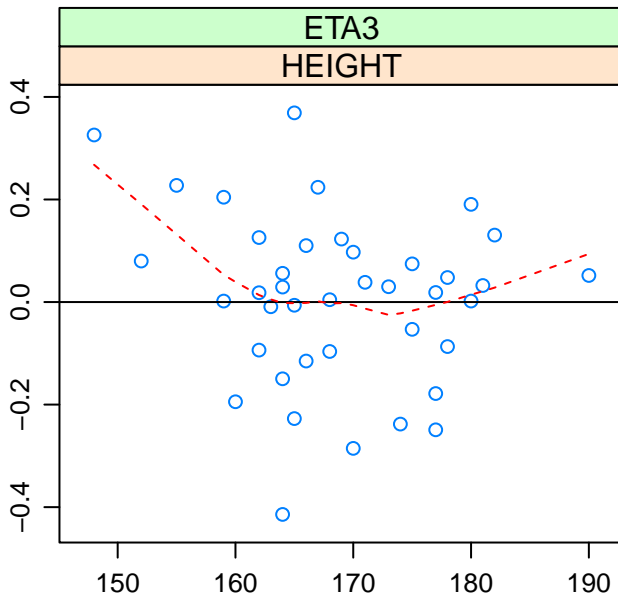
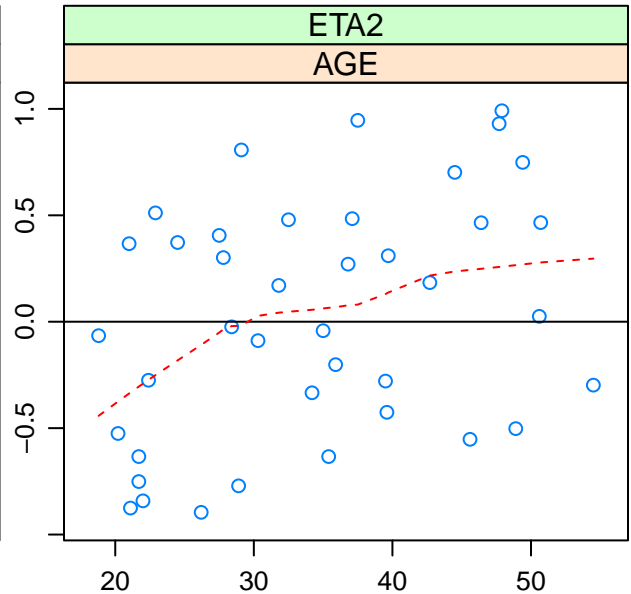
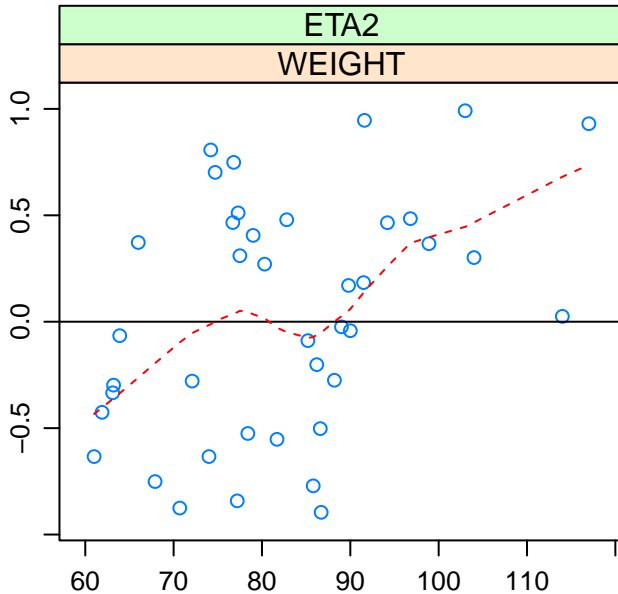
categorical covariate level

Etas vs. Continuous Covariates



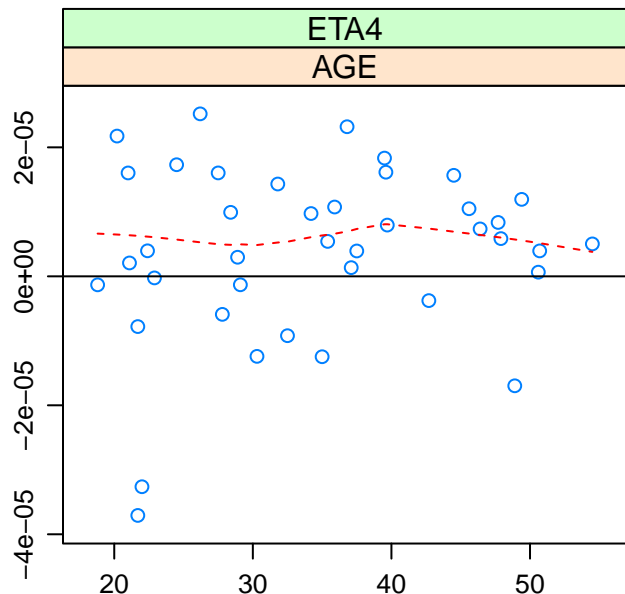
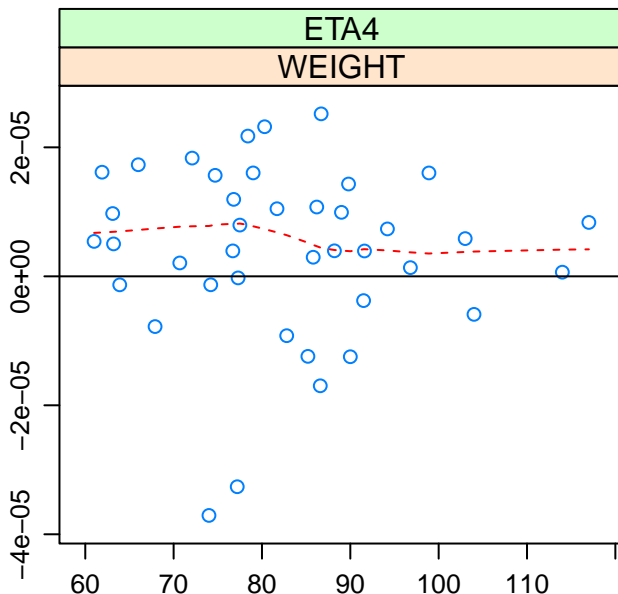
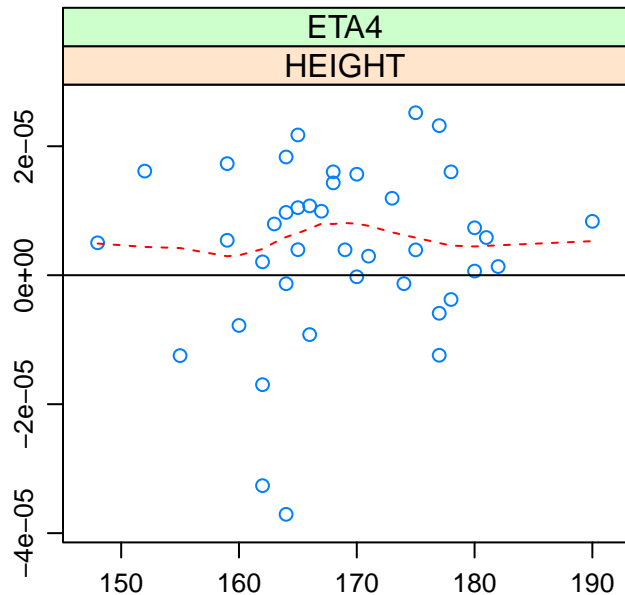
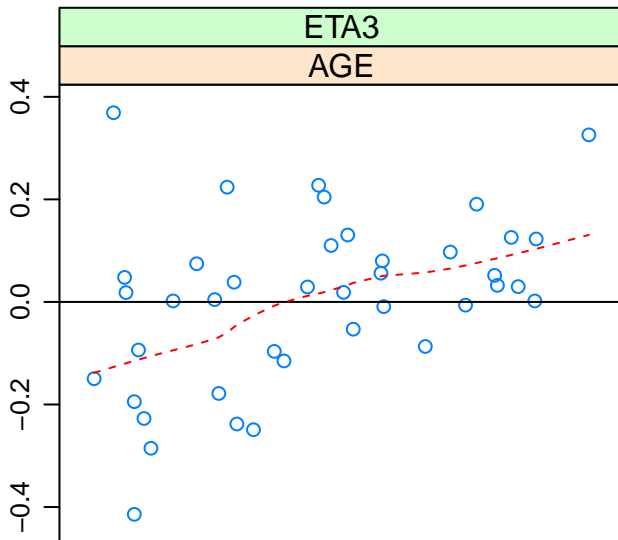
continuous covariate

Etas vs. Continuous Covariates



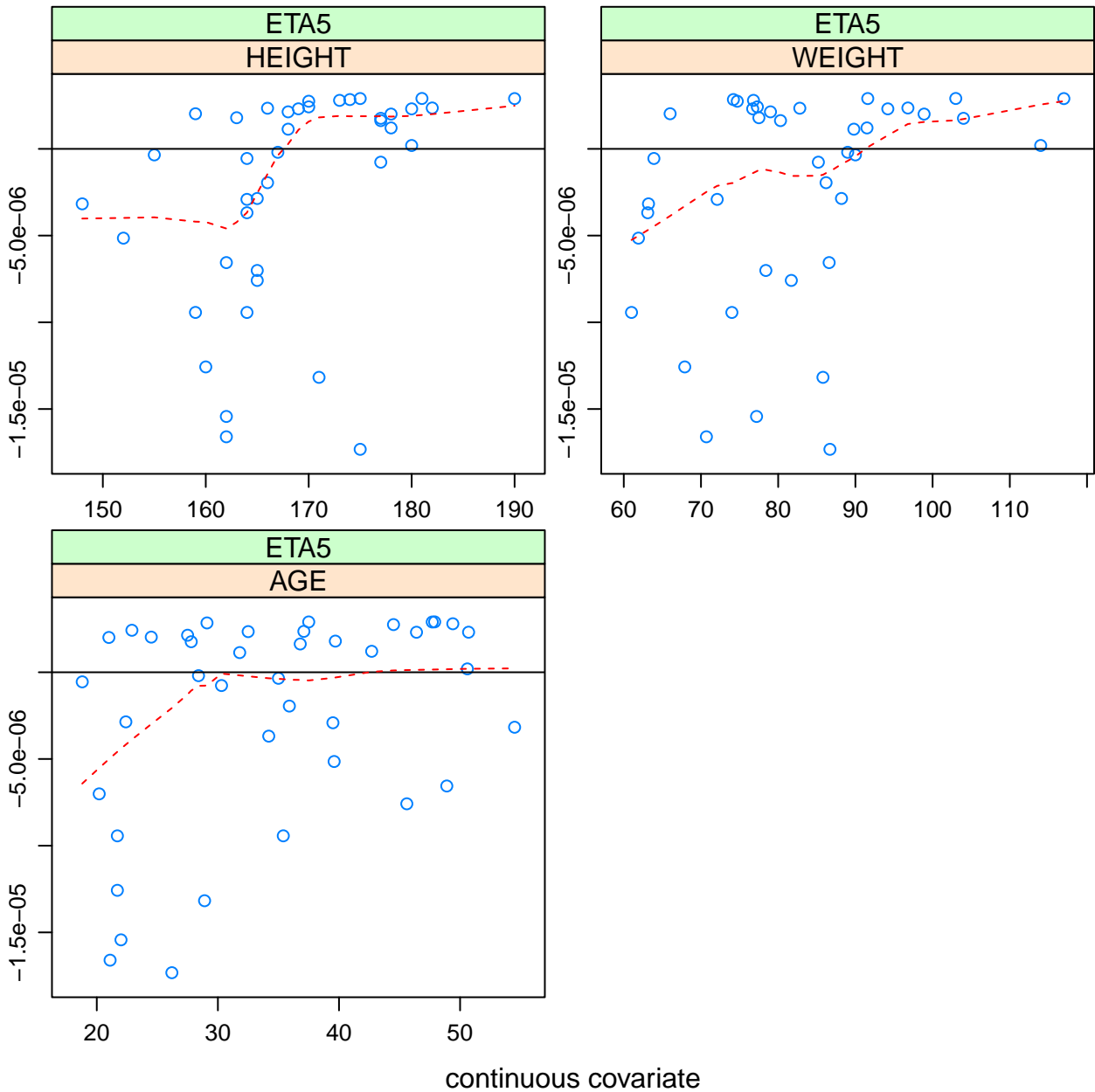
continuous covariate

Etas vs. Continuous Covariates

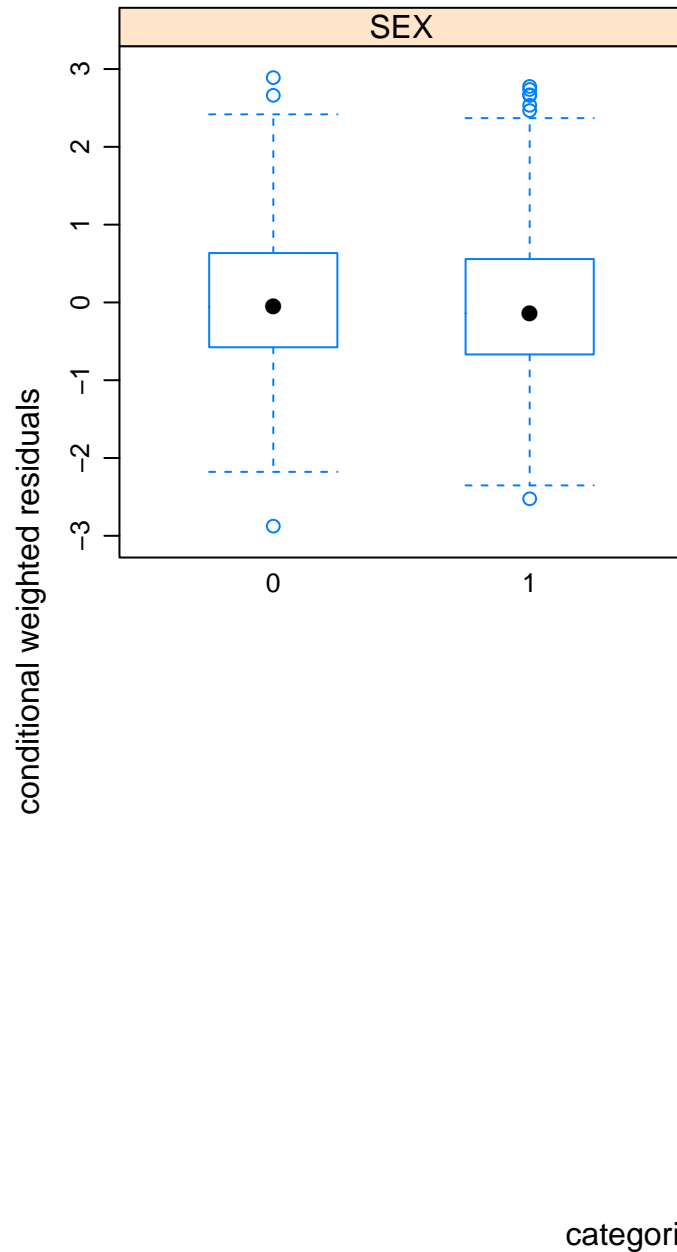


continuous covariate

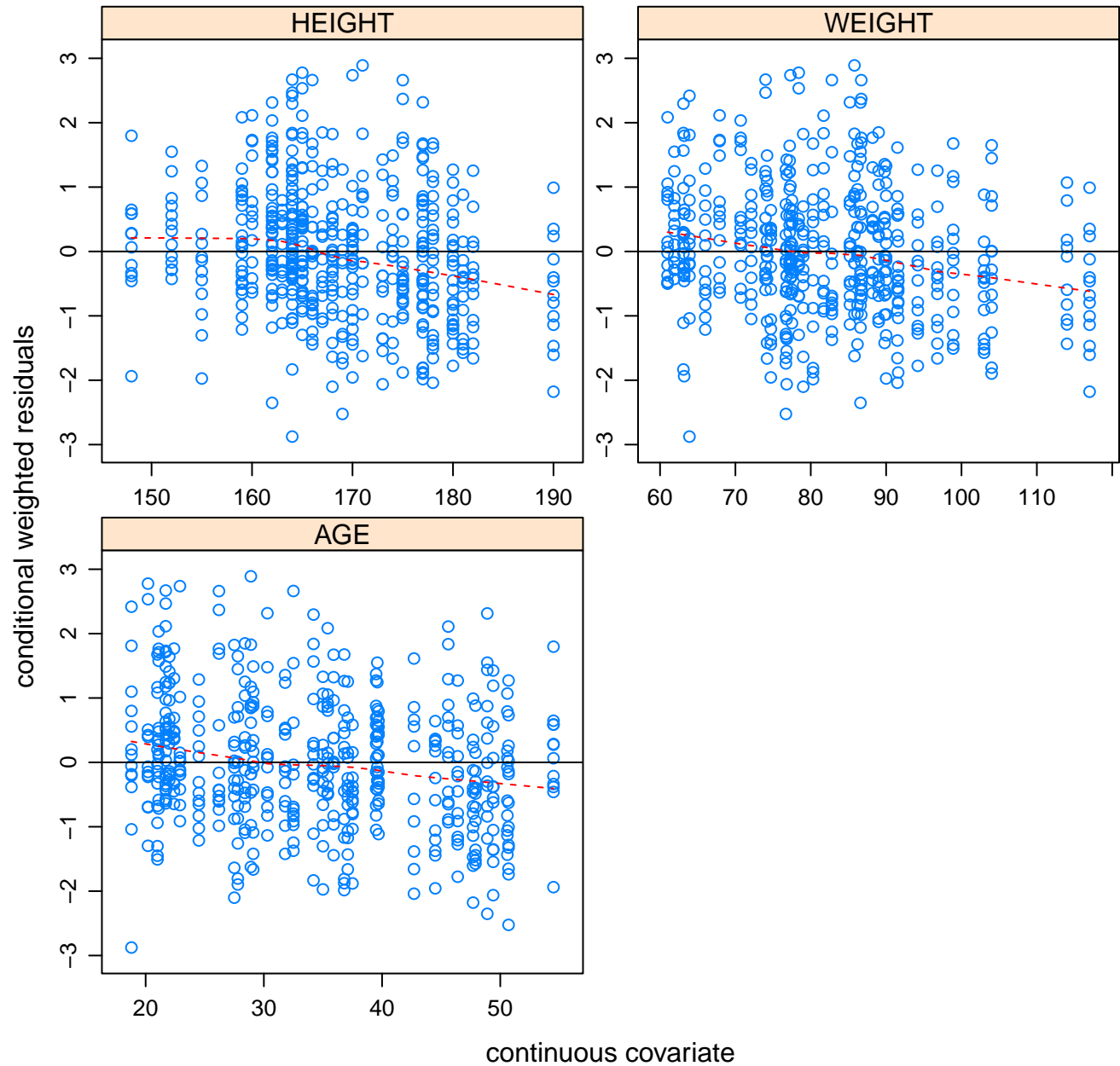
Etas vs. Continuous Covariates



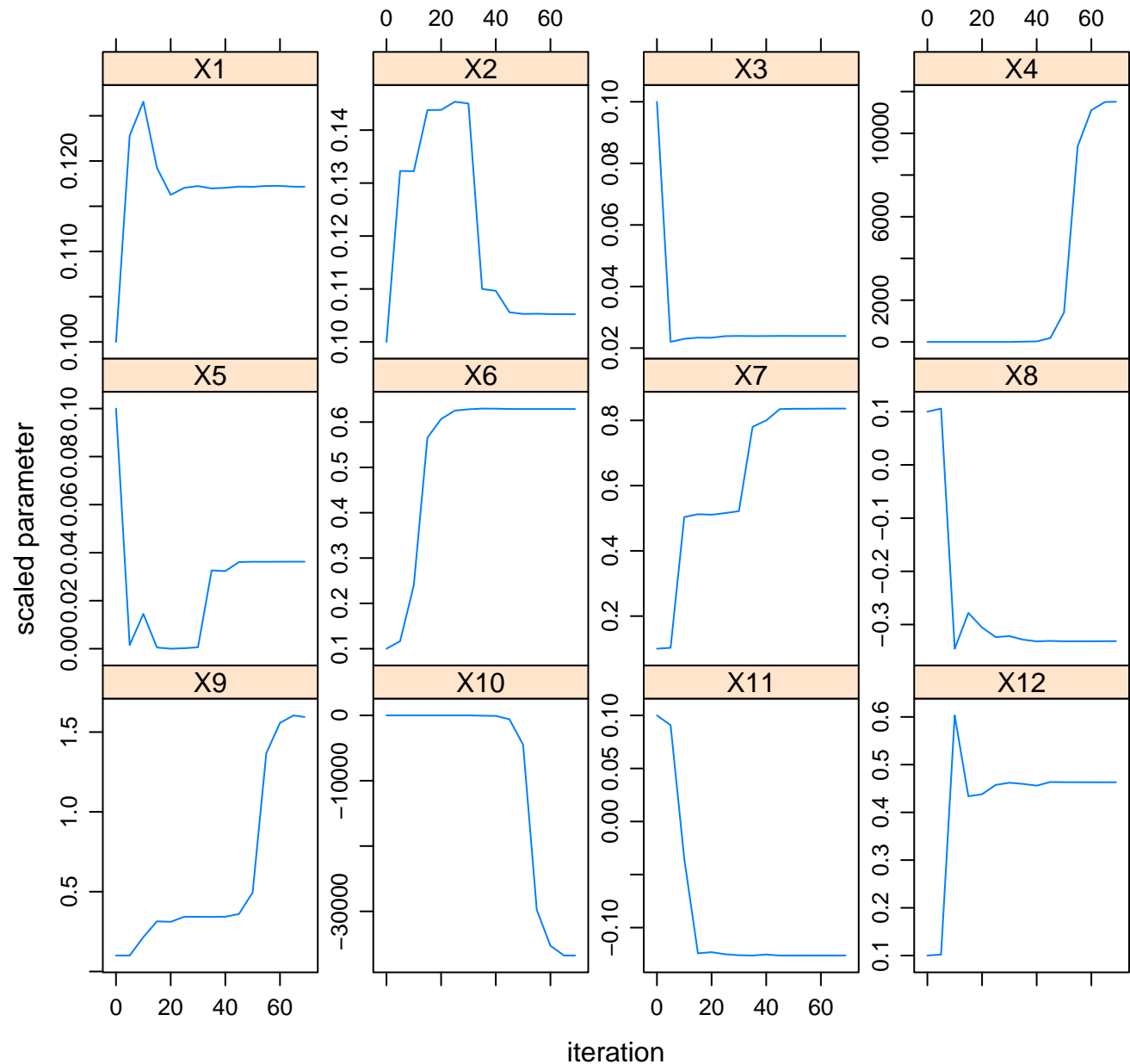
CWRES vs. Categorical Covariates



CWRES vs. Continuous Covariates



Model 1002 parameter search



Model 1002 gradient search

