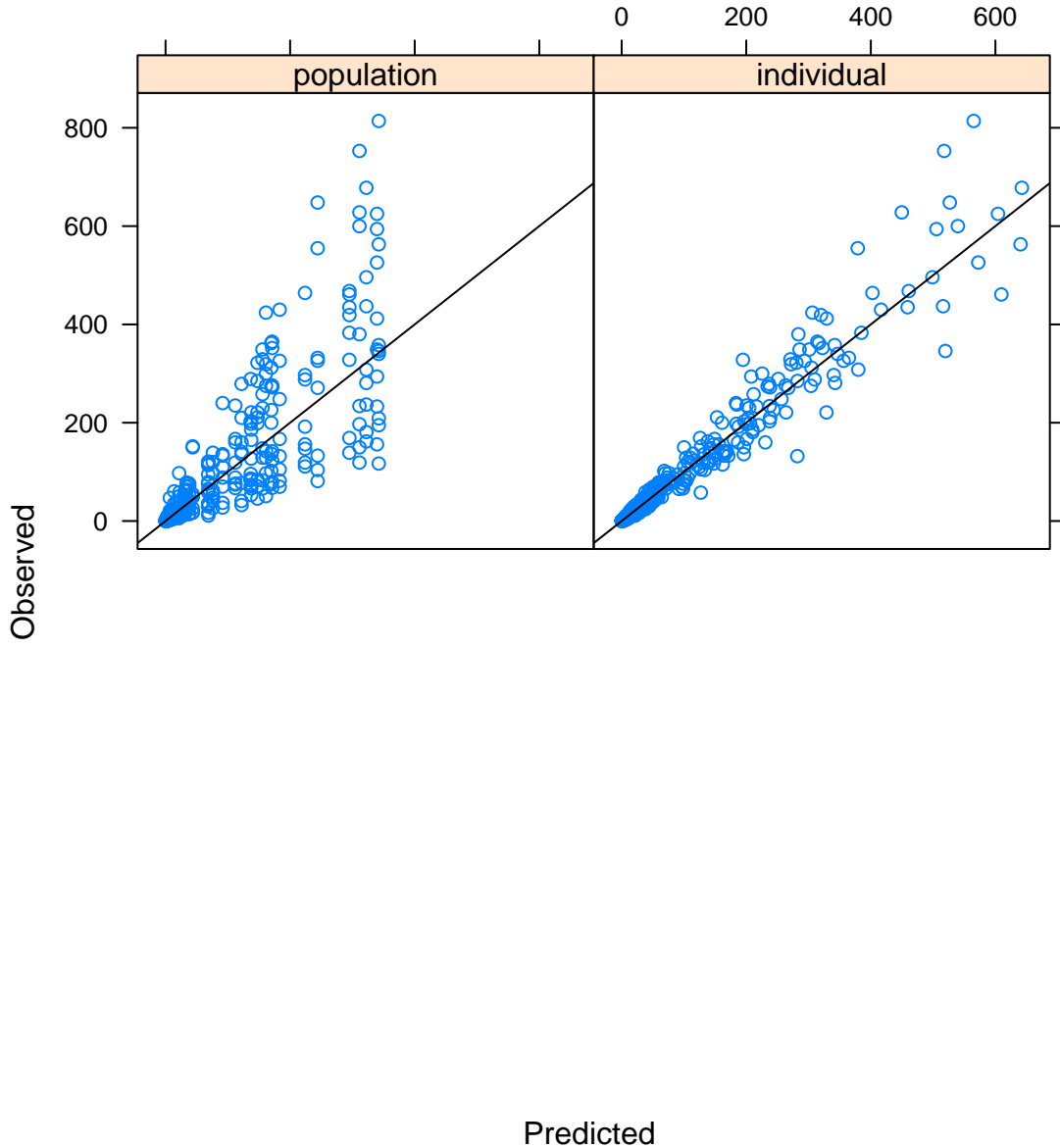


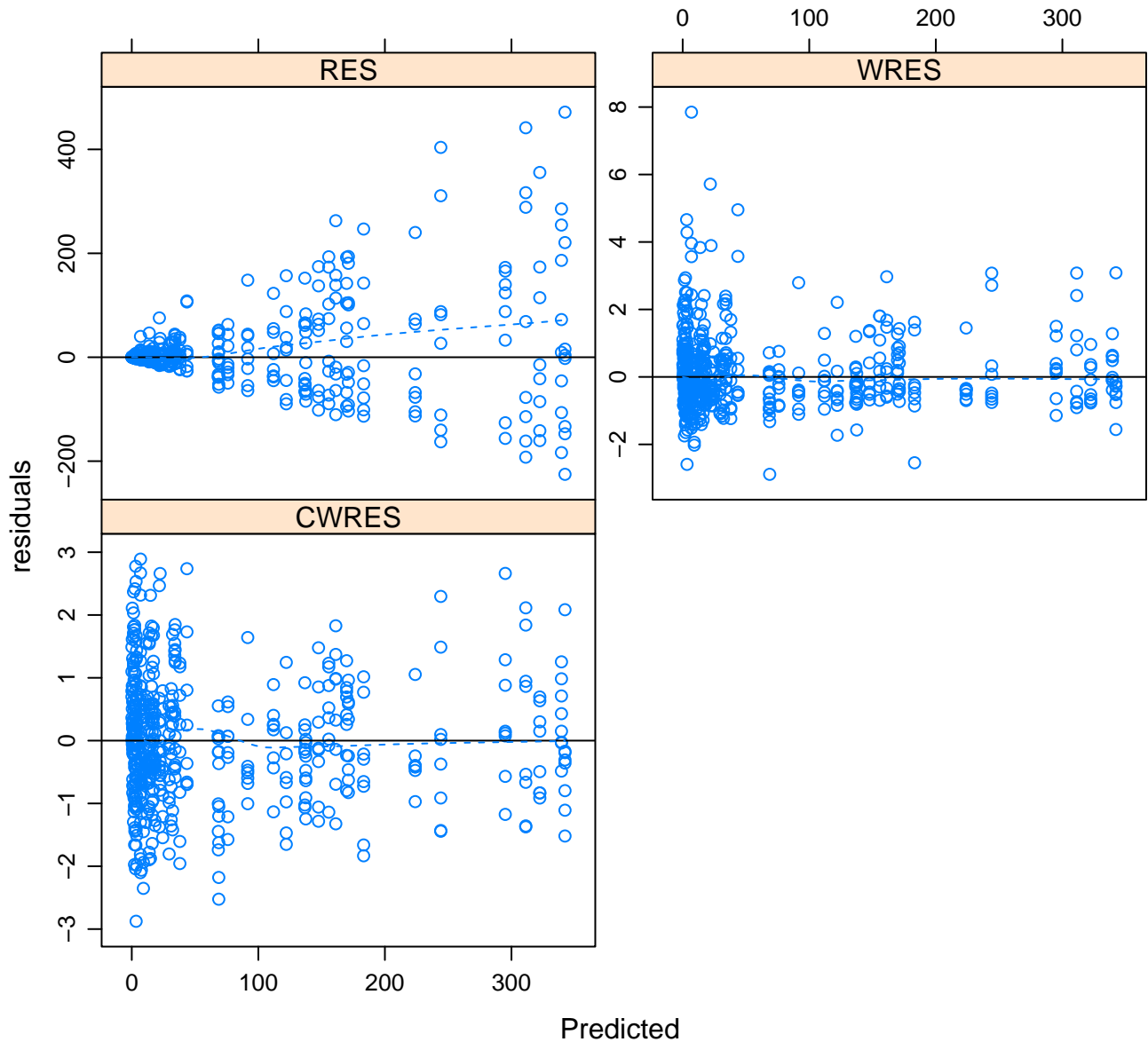
Model 1002

Observed vs. Predicted for all data



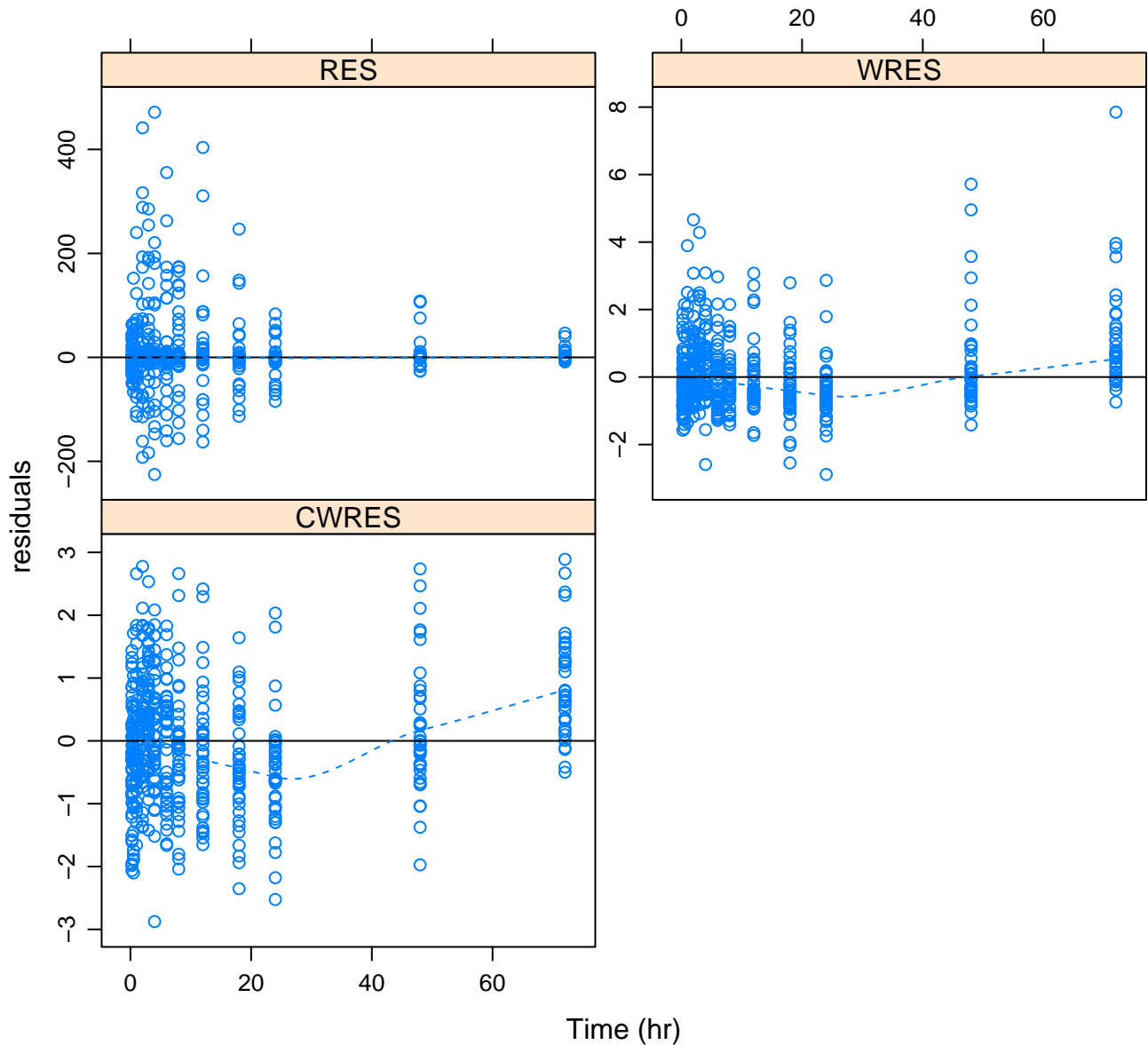
Model 1002

Residuals vs. Predicted for all data



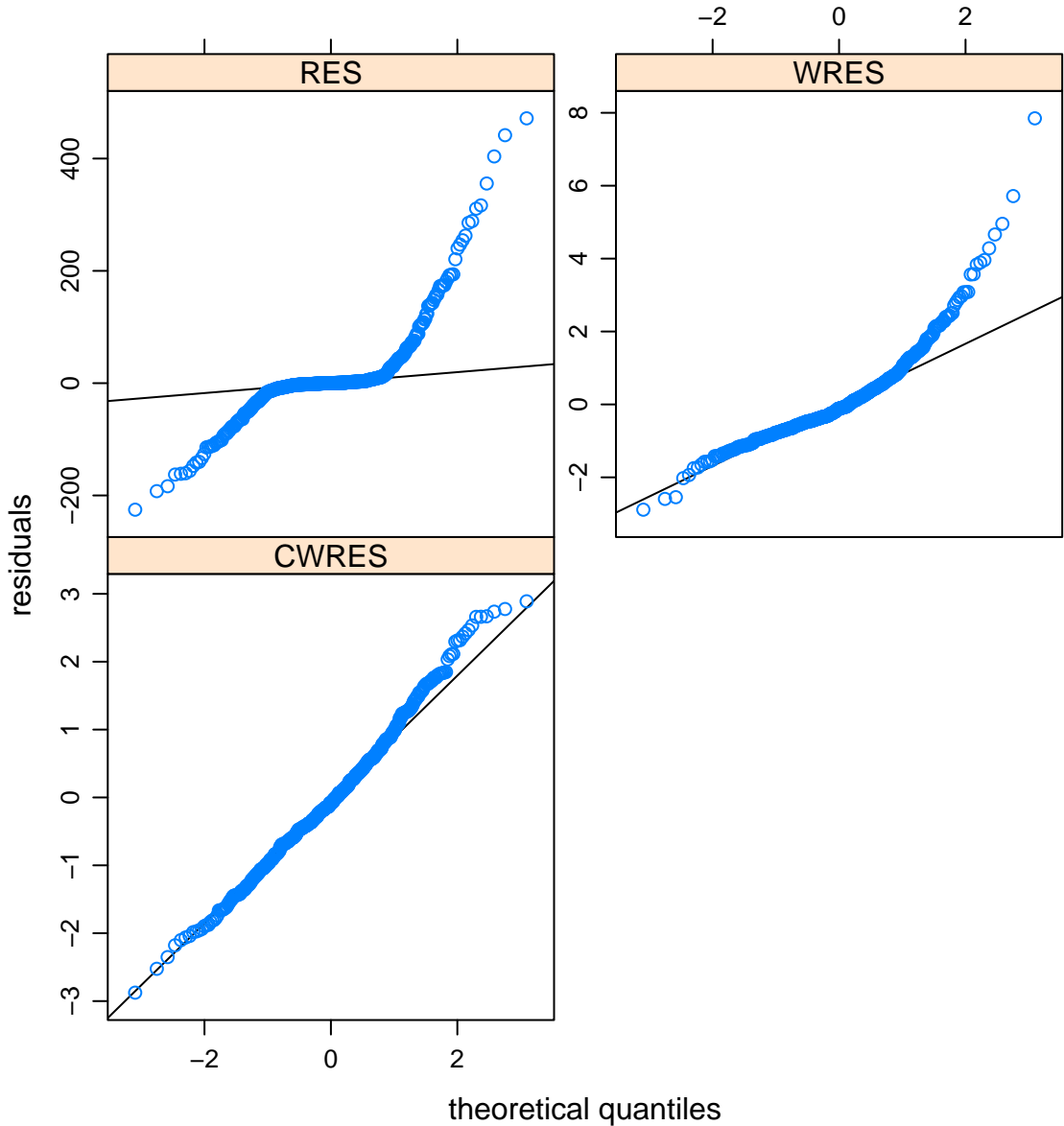
Model 1002

Residuals vs. Time for all data

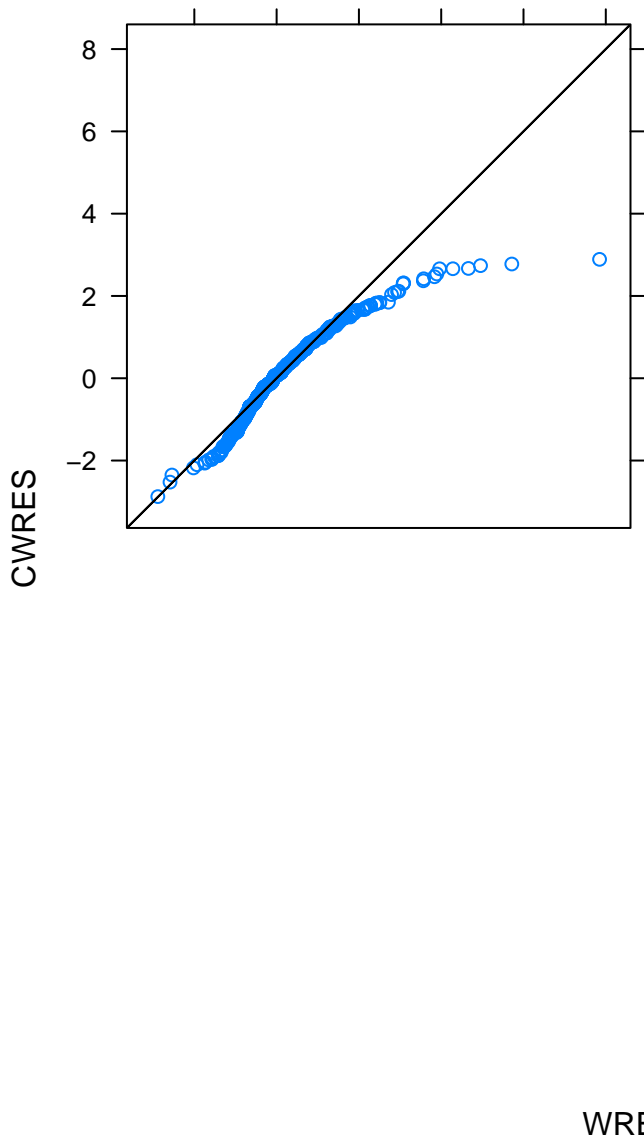


Model 1002

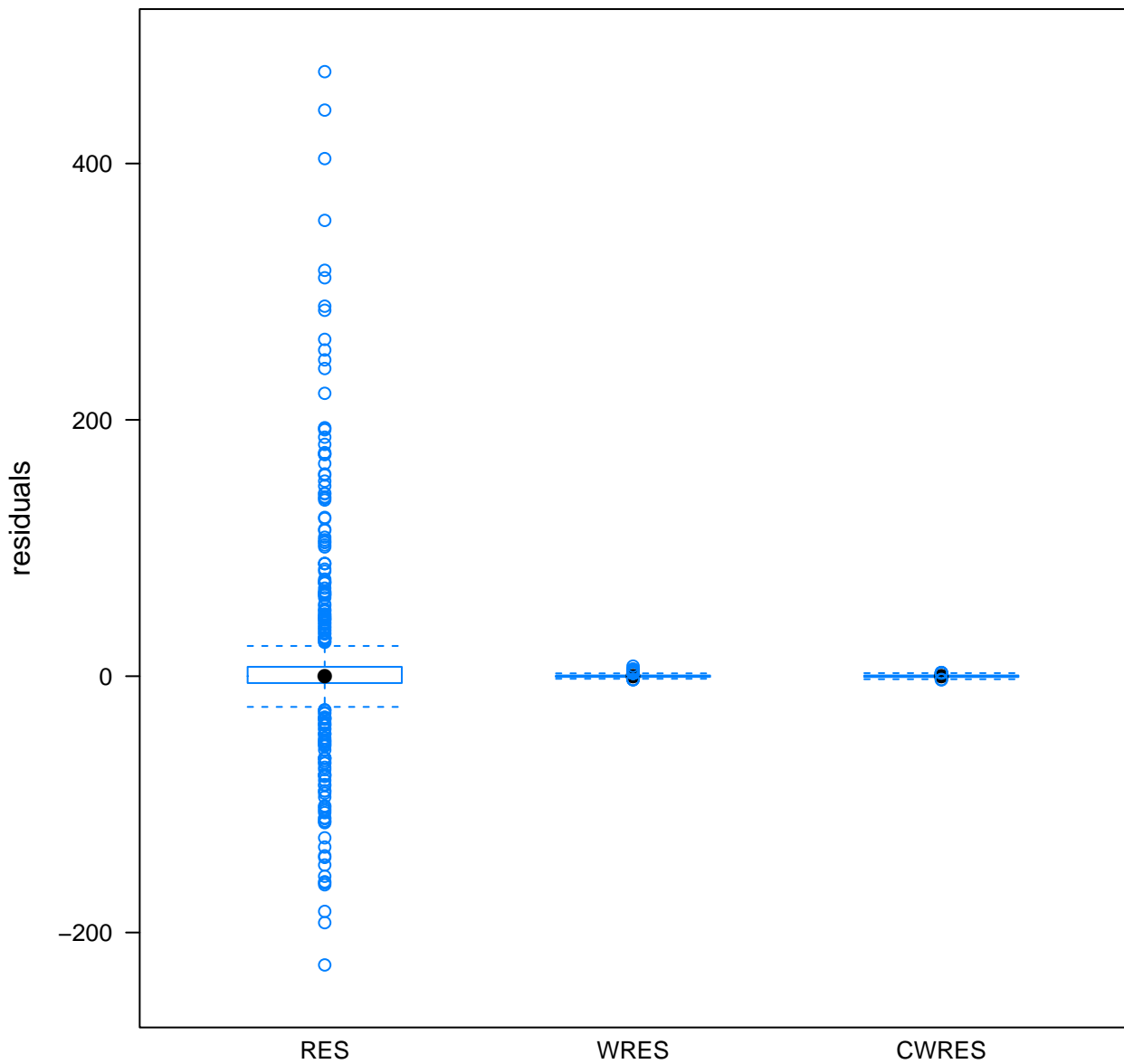
Normal Q-Q Plot Residuals for all data



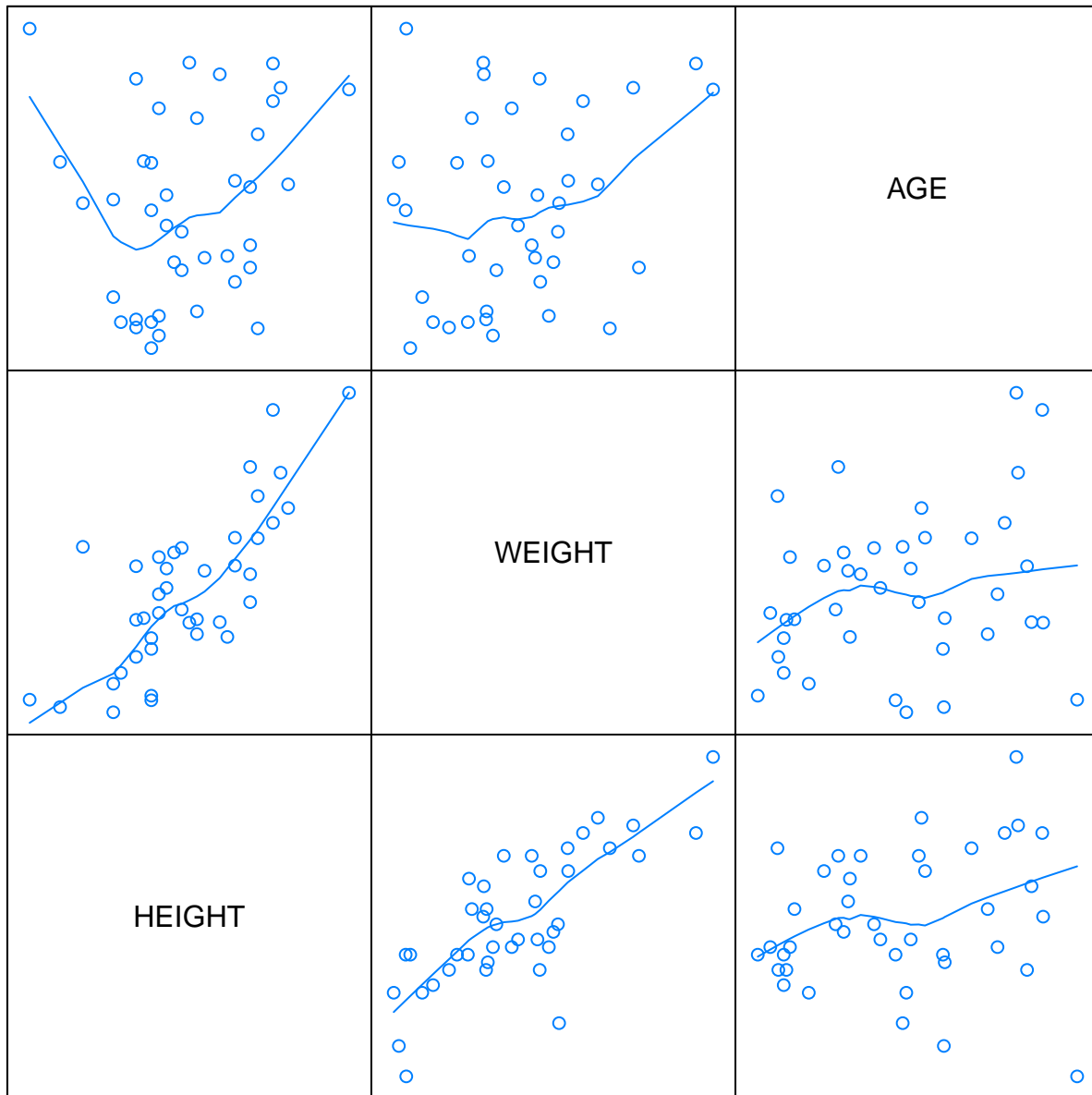
Model 1002
Q-Q Plot of CWRES vs. WRES for all data



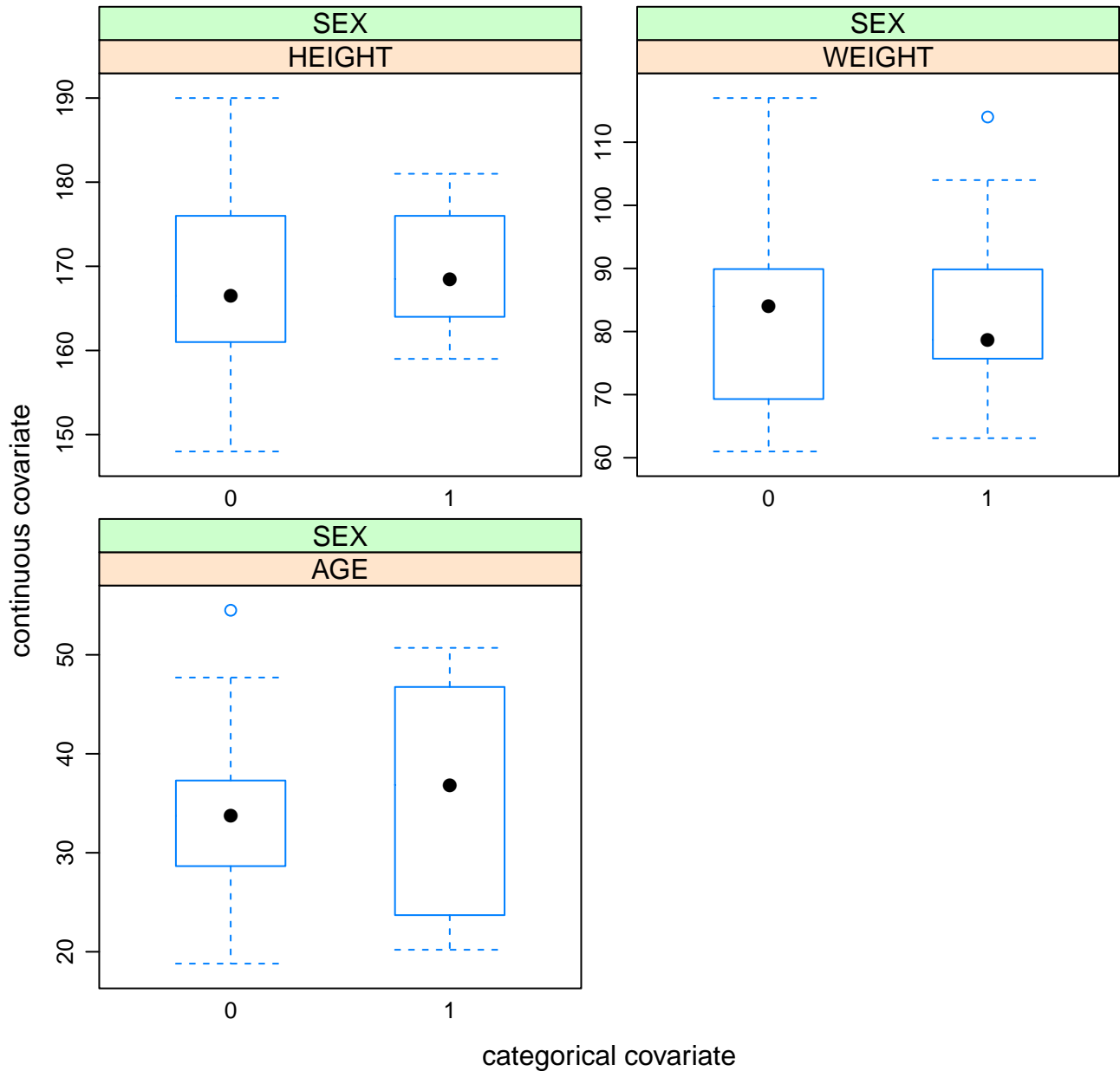
Model 1002 Boxplots of Residuals



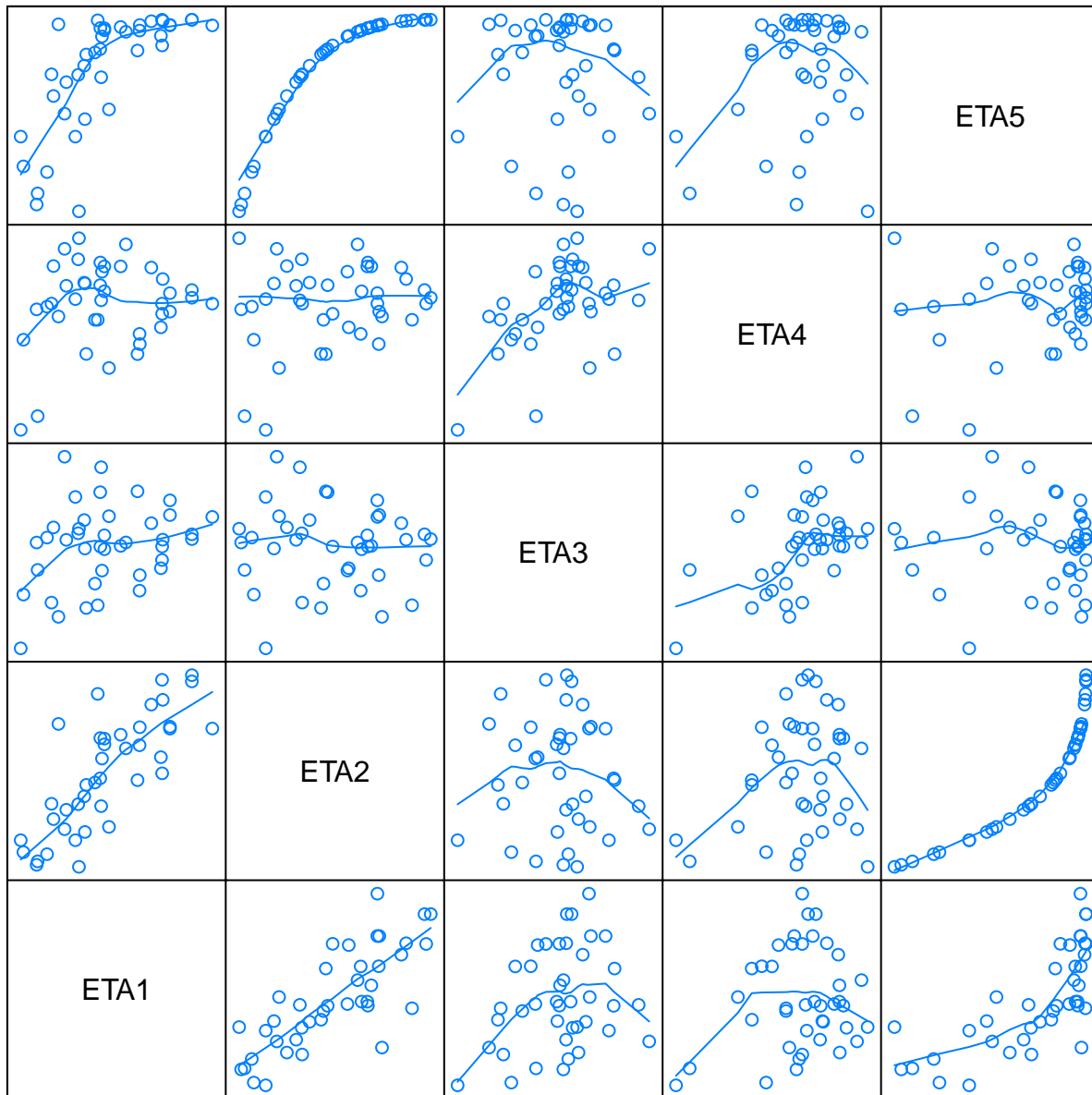
Covariate Scatterplots



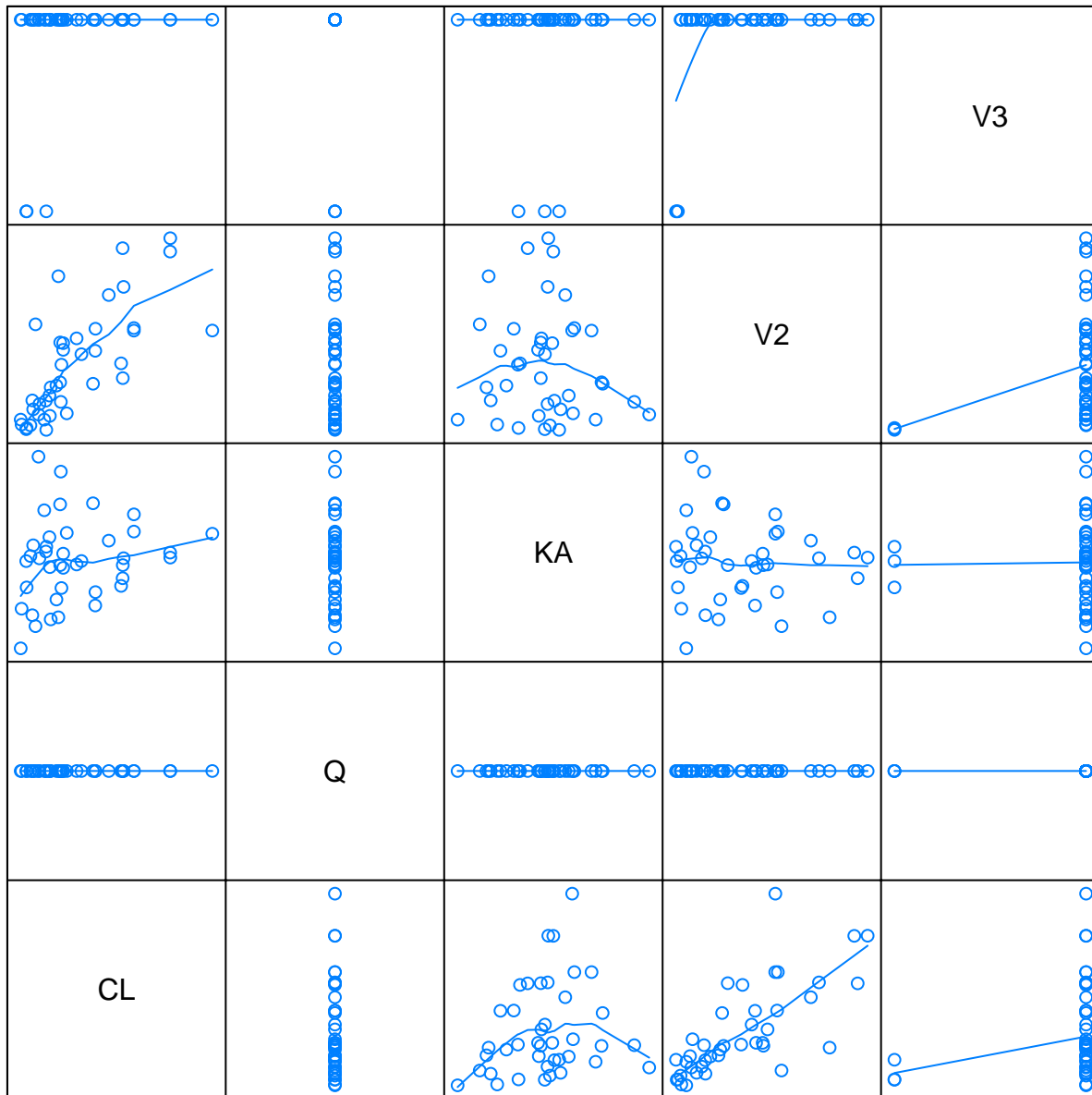
Continuous Covariates vs. Categorical Covariates



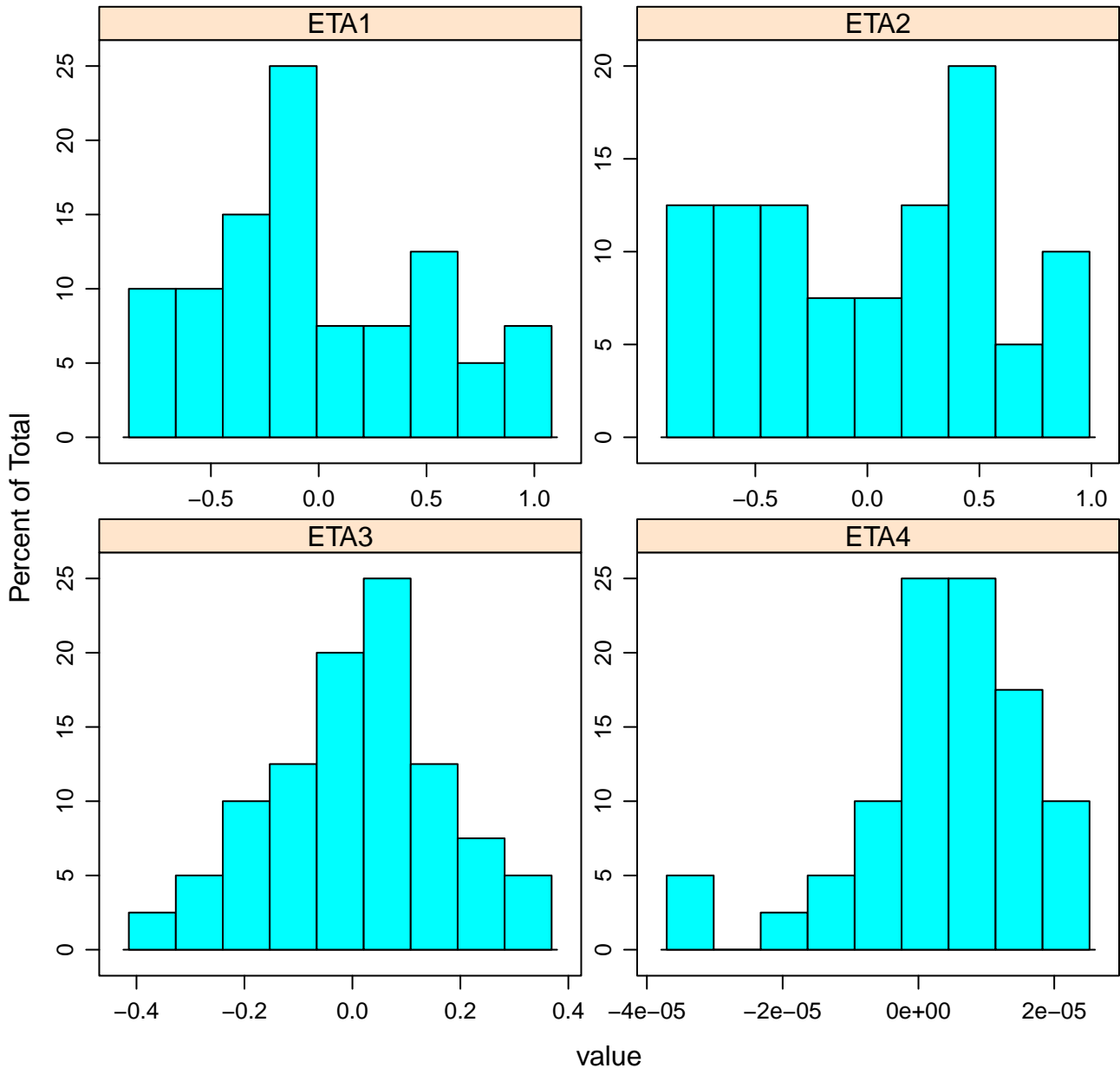
ETA Scatterplots



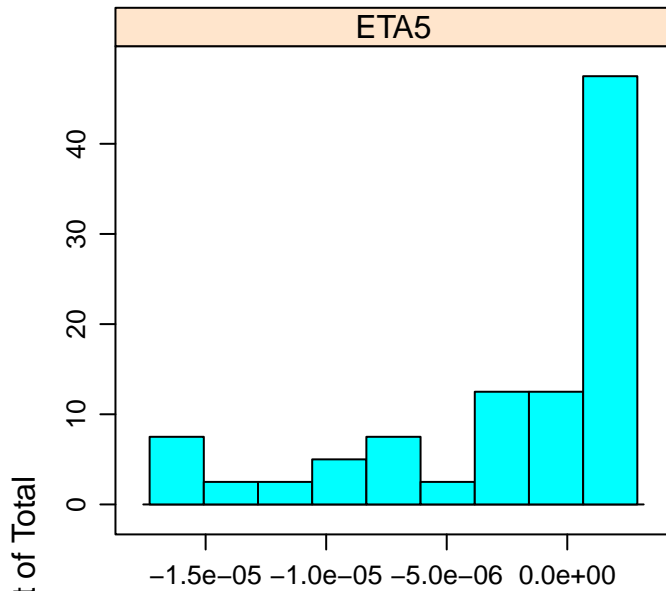
Parameter Scatterplots



Histograms of Etas

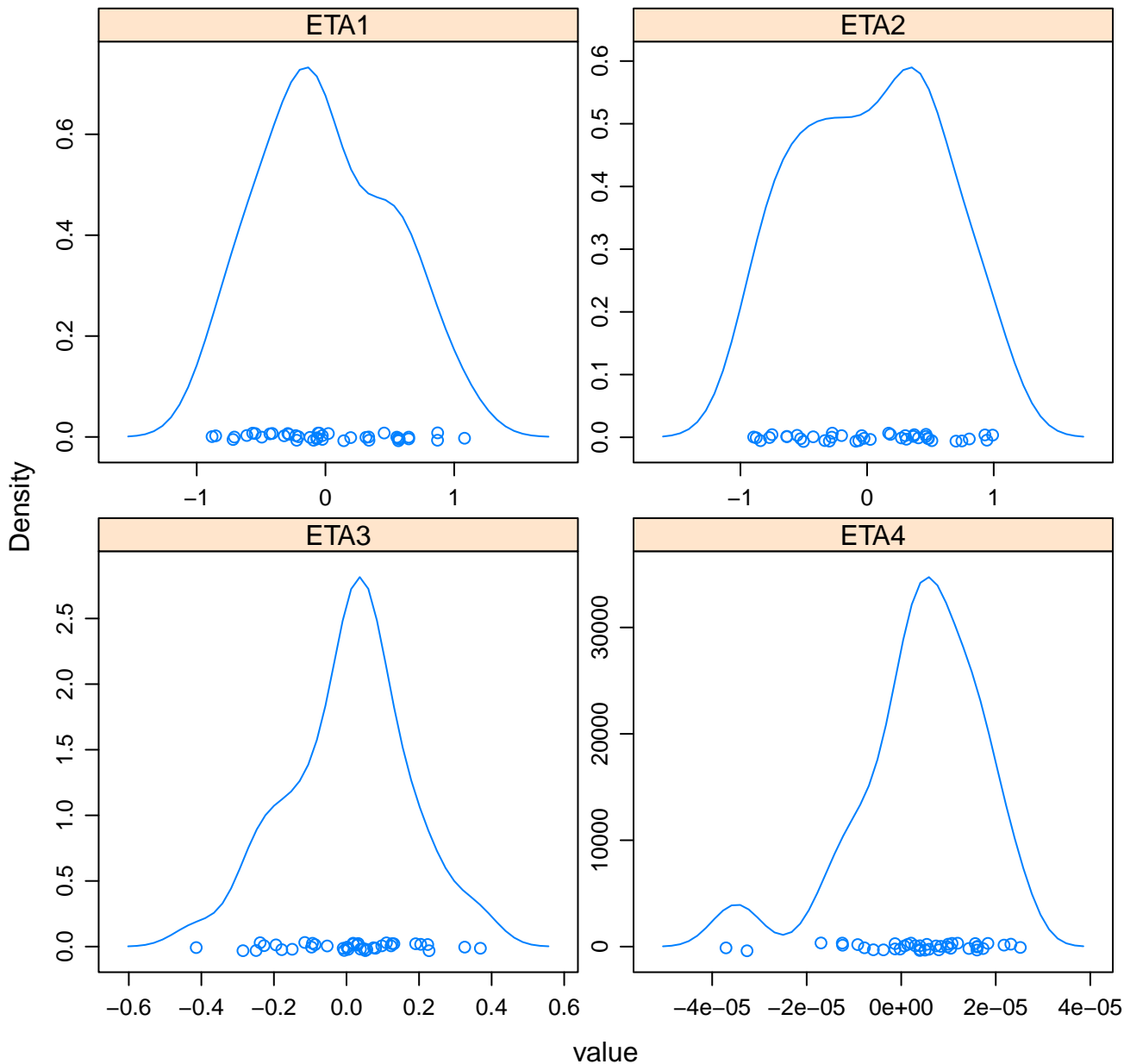


Histograms of Etas

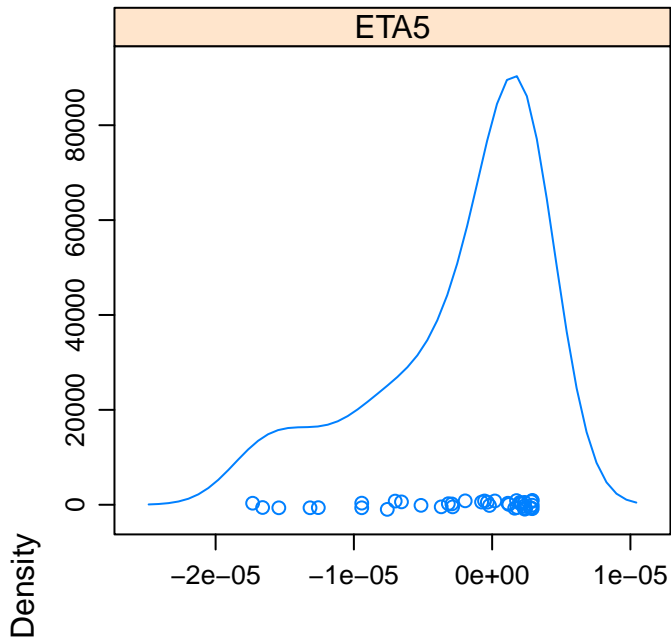


value

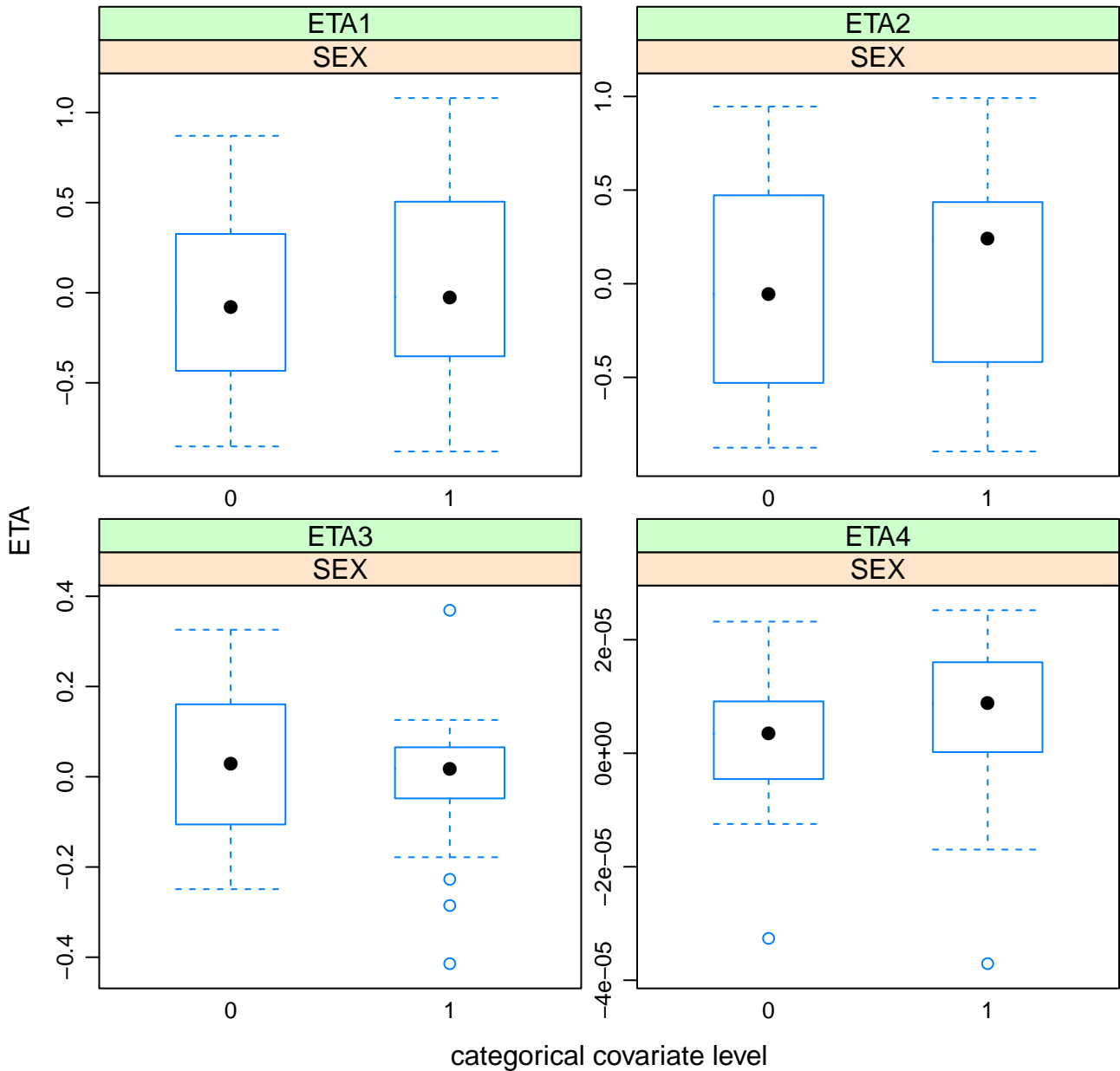
Density of Etas



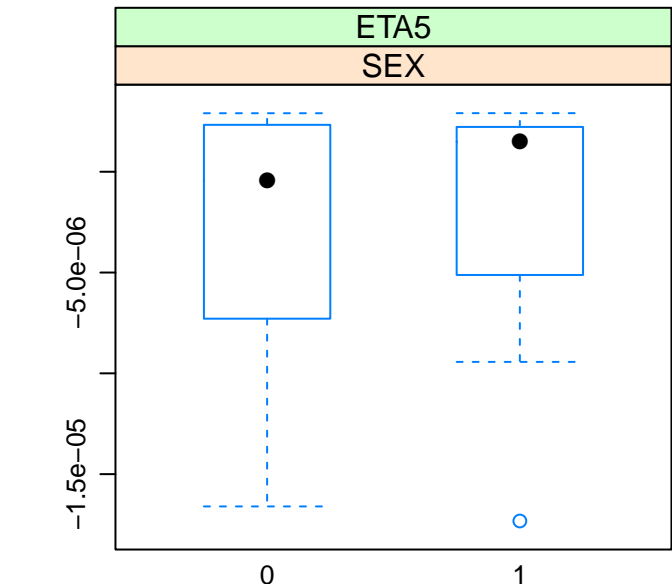
Density of Etas



Boxplots of Etas by Categorical Covariate

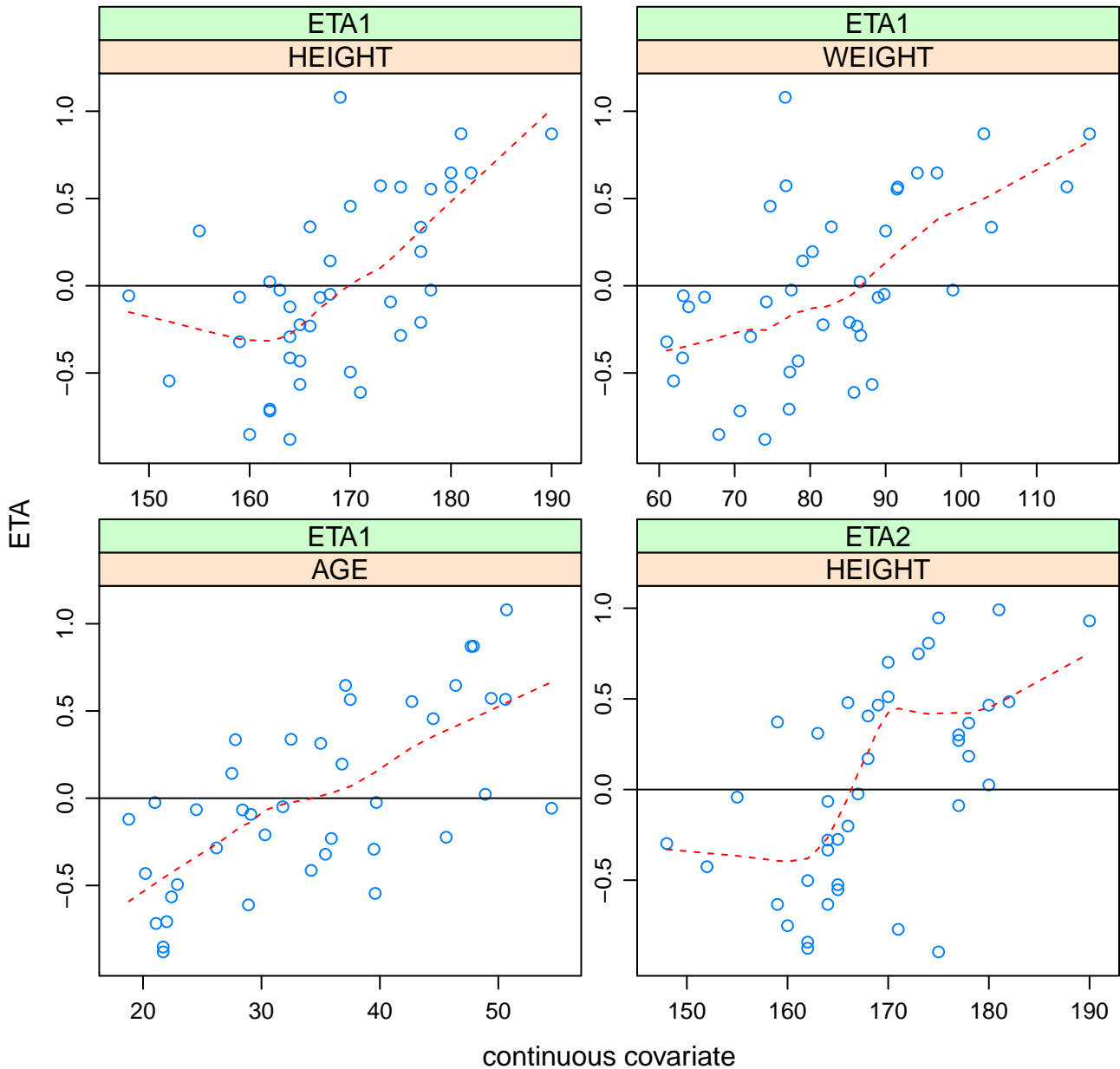


Boxplots of Etas by Categorical Covariate

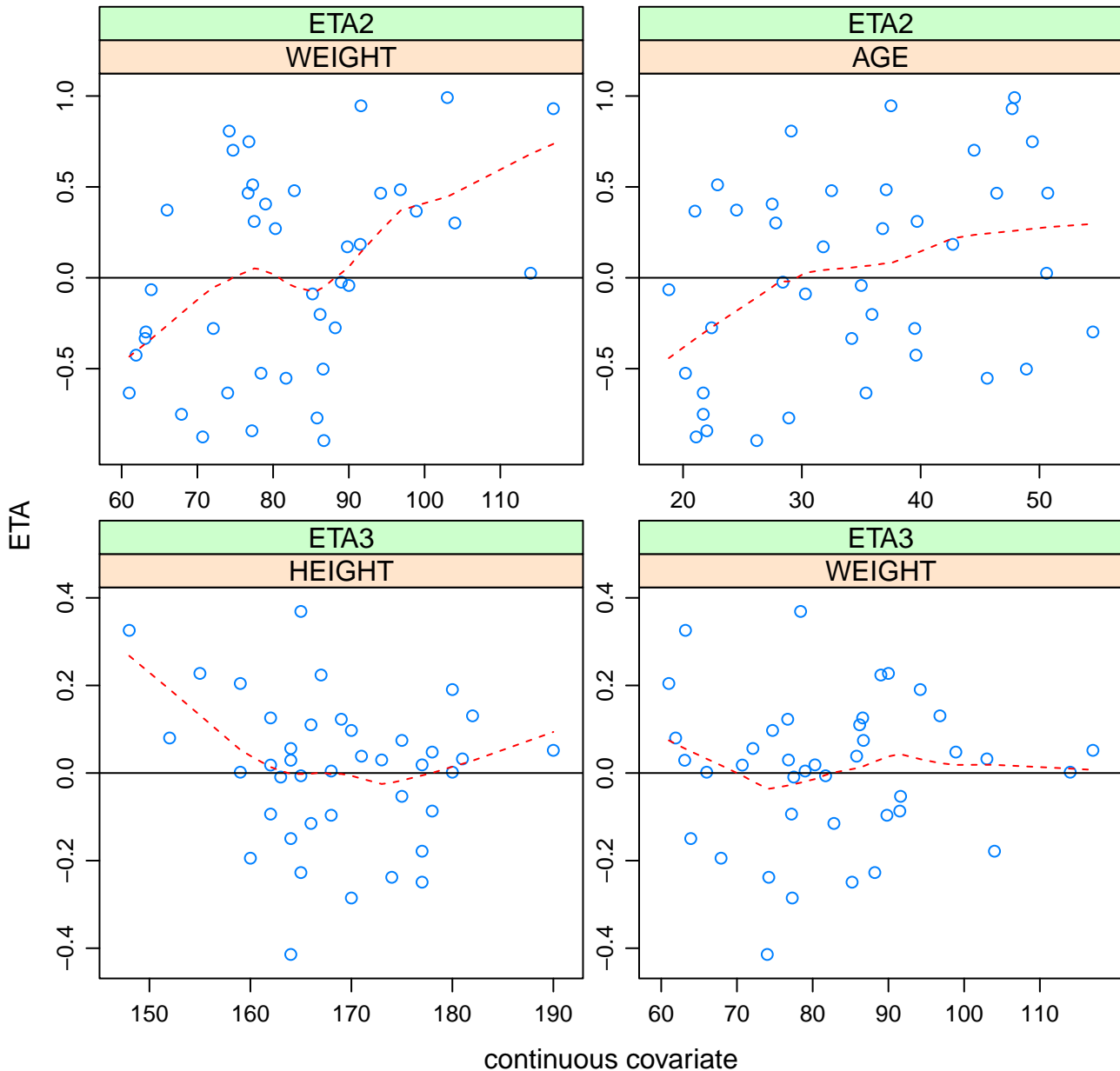


categorical covariate level

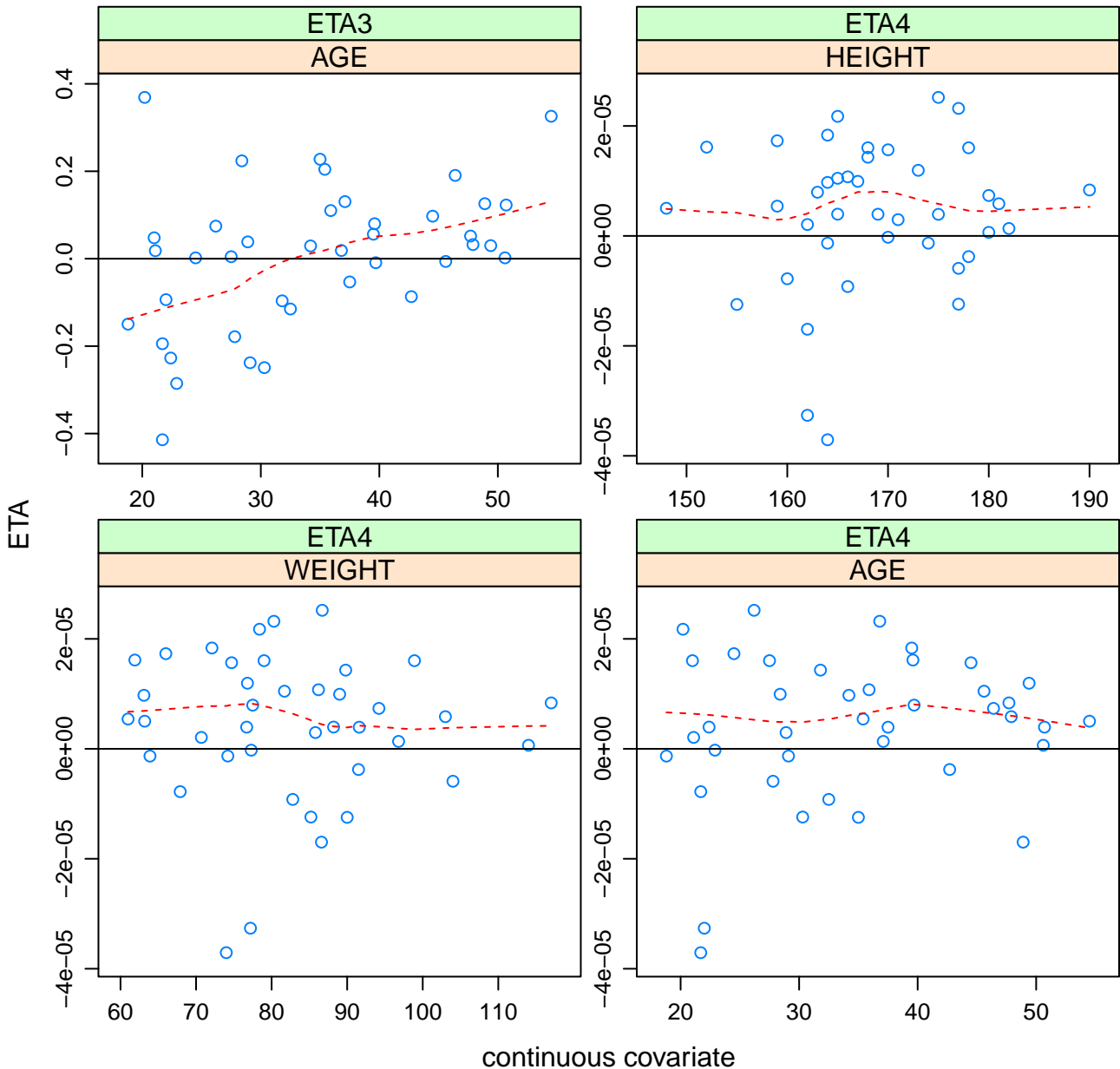
Etas vs. Continuous Covariates



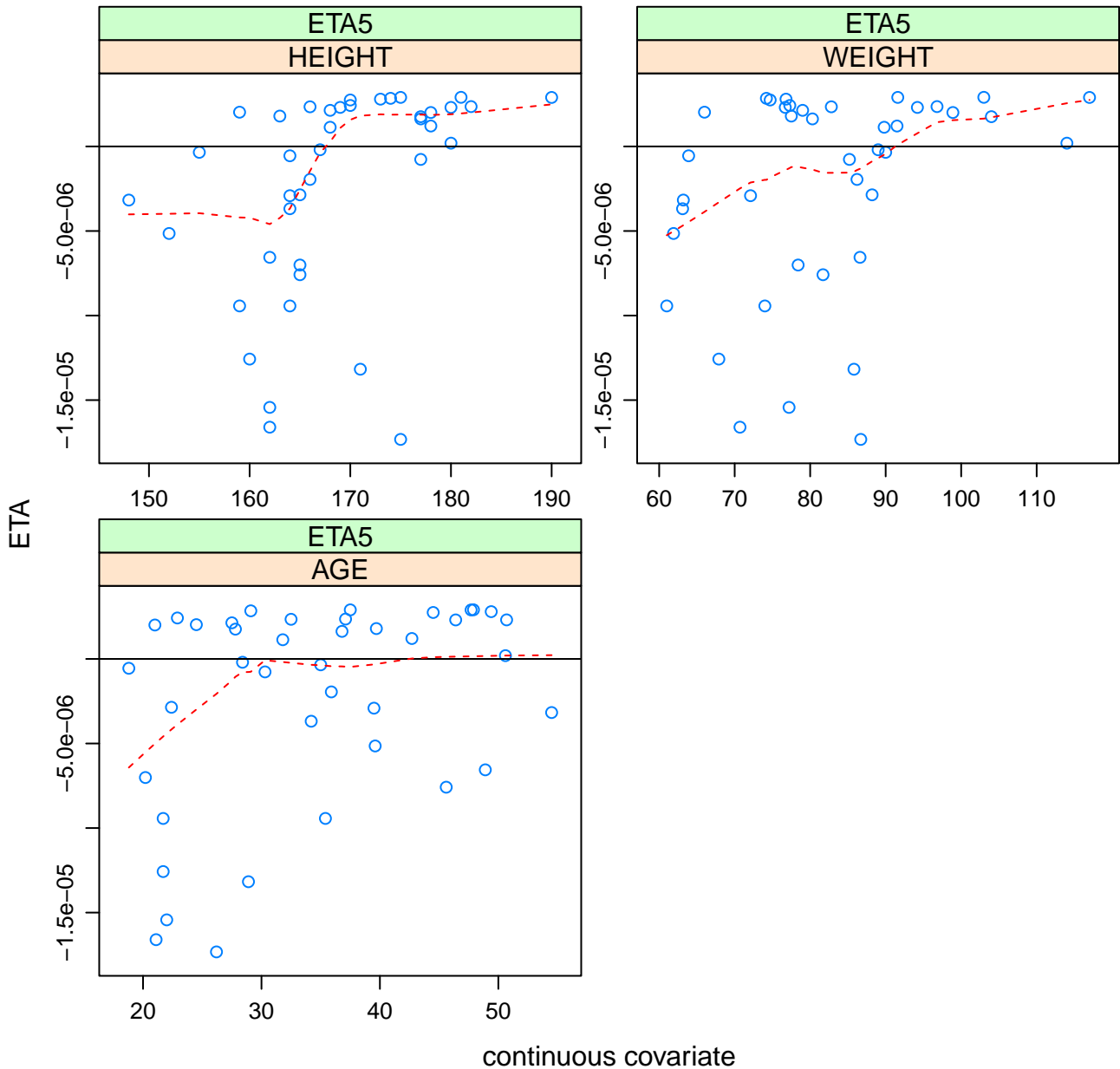
Etas vs. Continuous Covariates



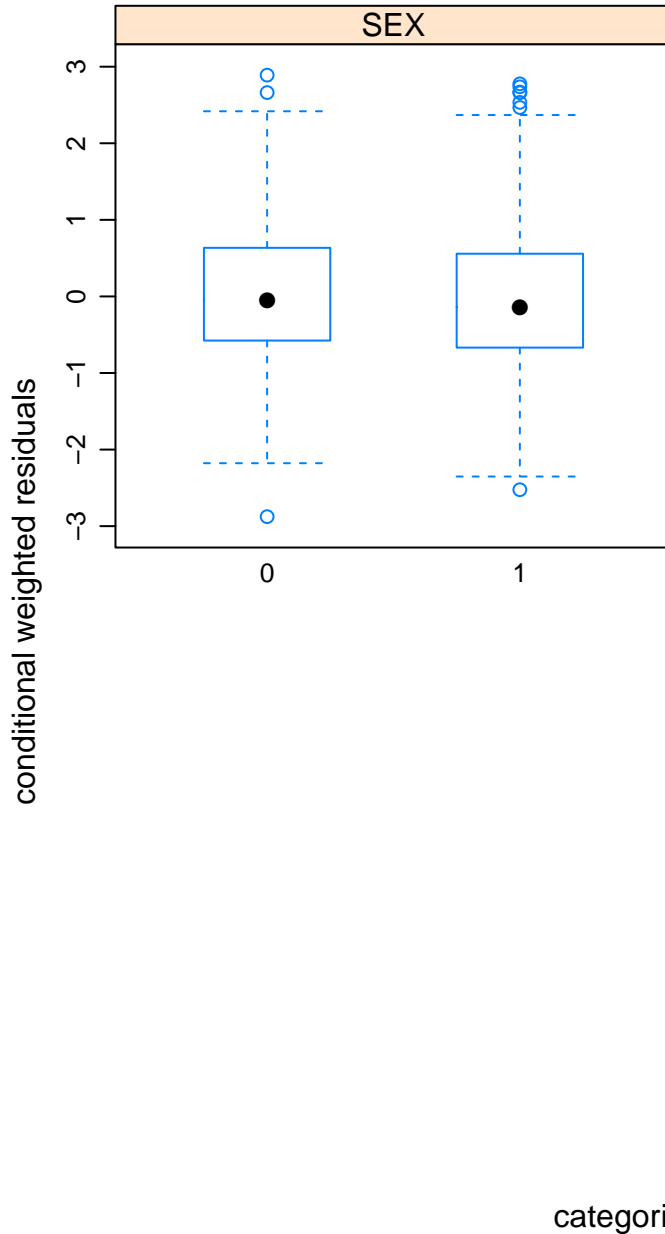
Etas vs. Continuous Covariates



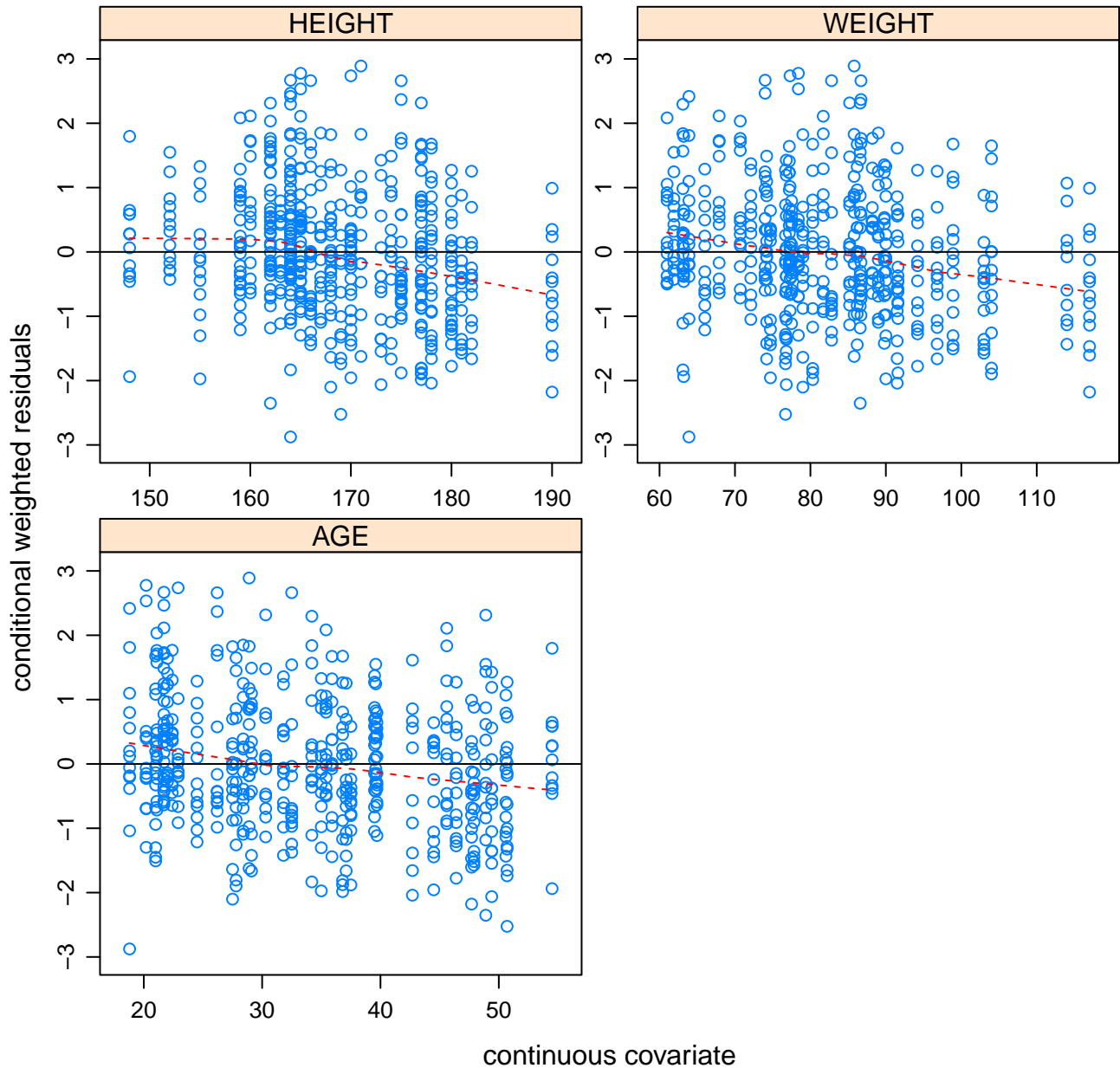
Etas vs. Continuous Covariates



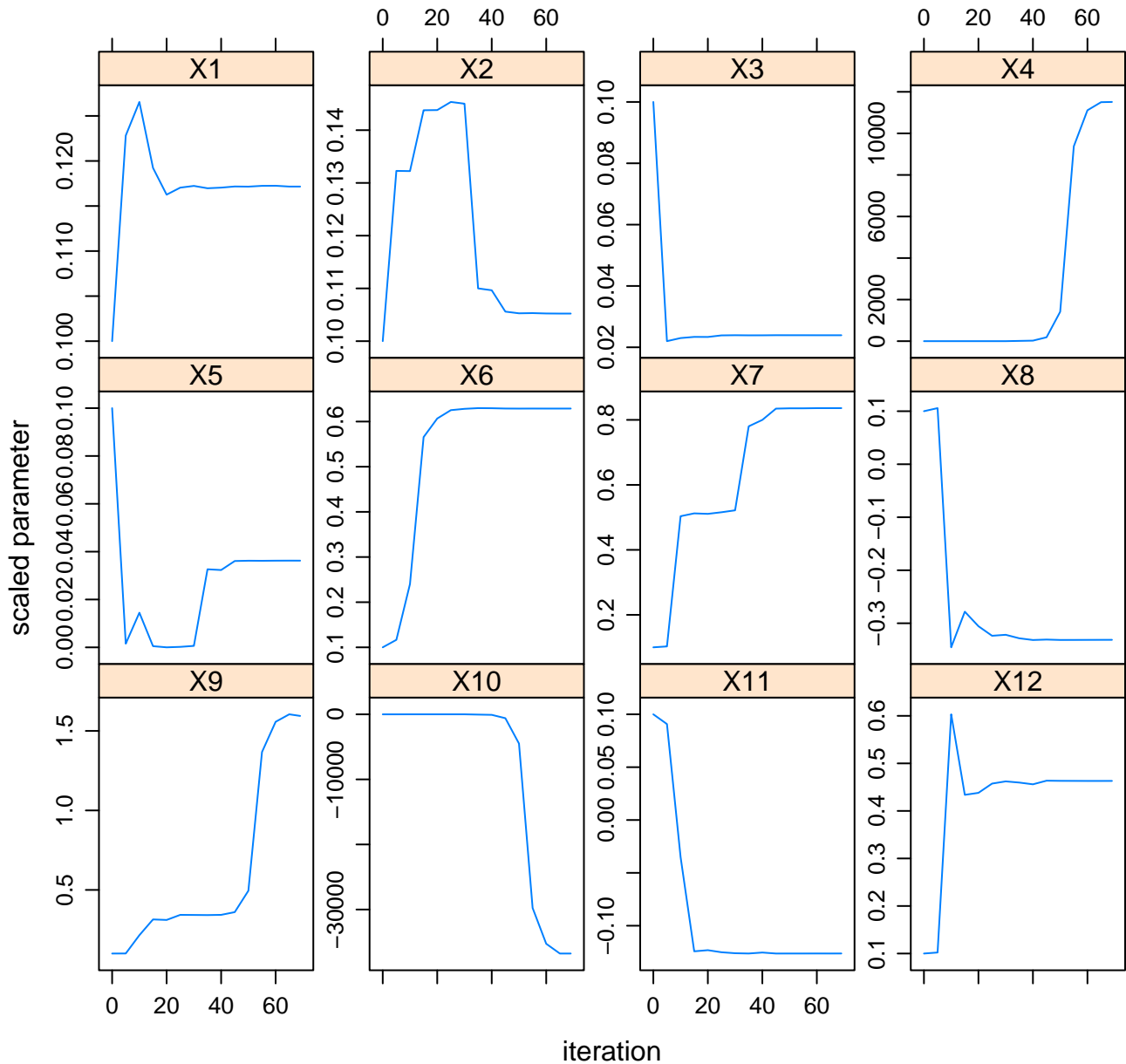
CWRES vs. Categorical Covariates



CWRES vs. Continuous Covariates



Model 1002 parameter search



Model 1002 gradient search

