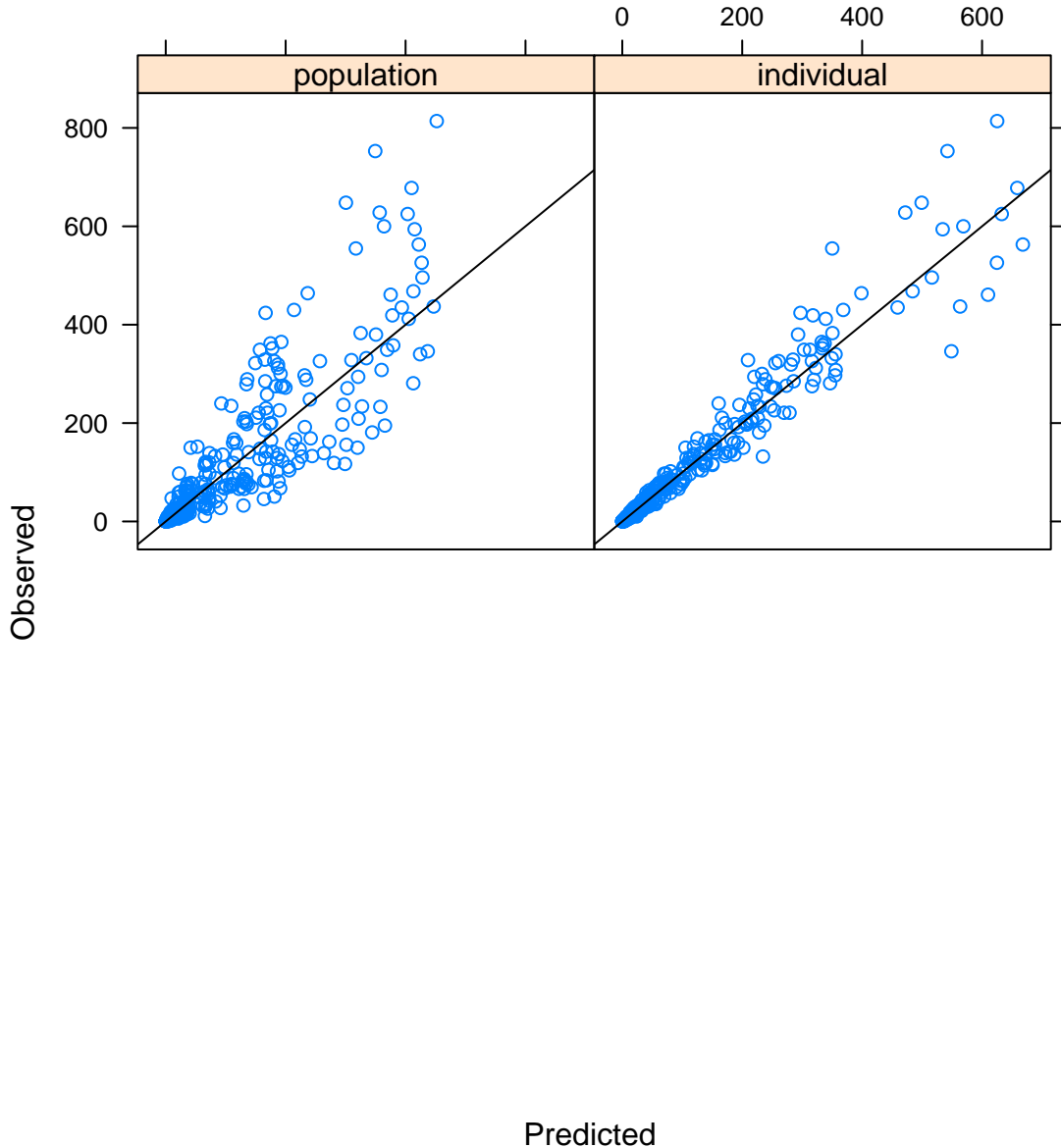


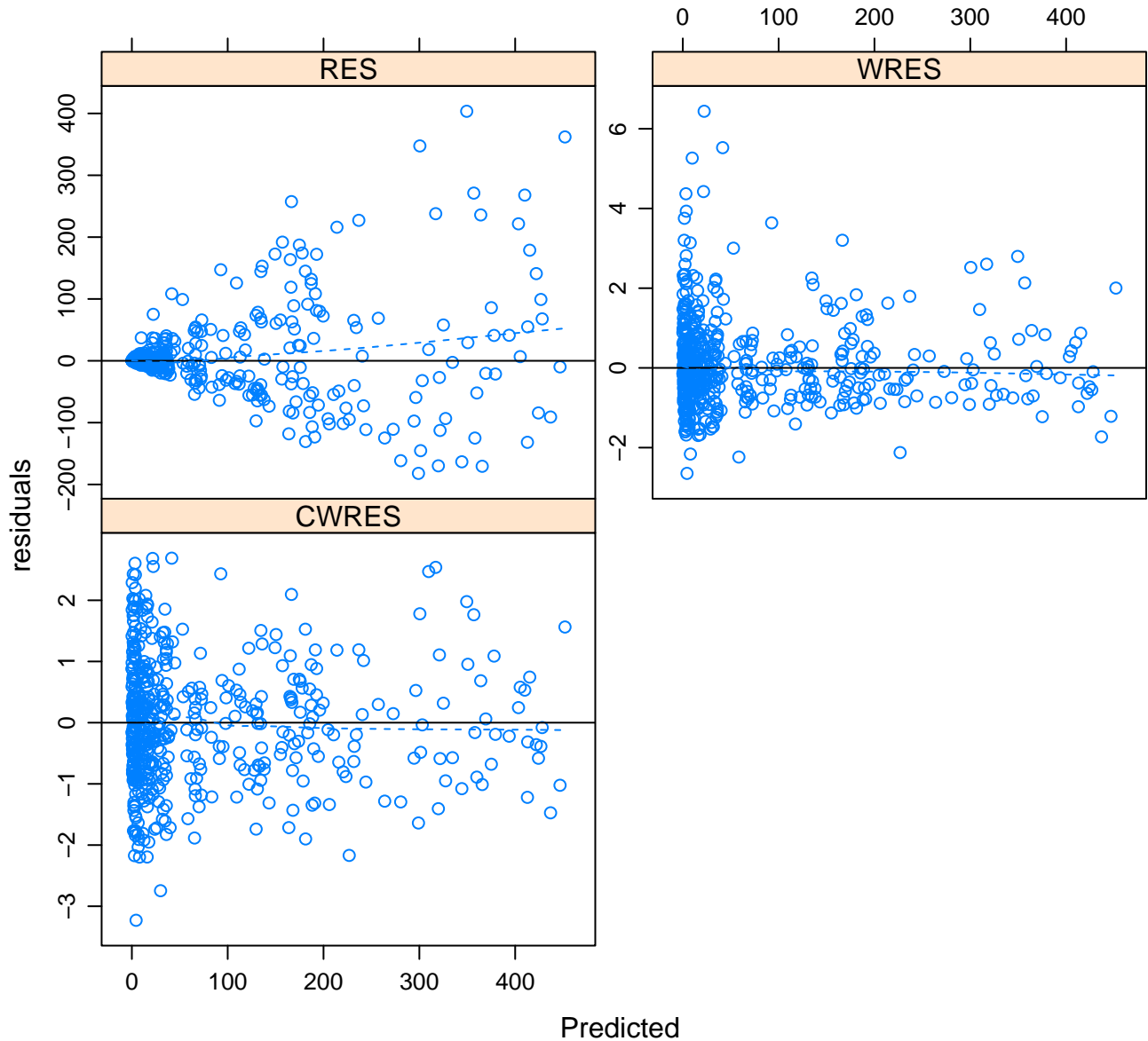
Model 1005

Observed vs. Predicted for all data



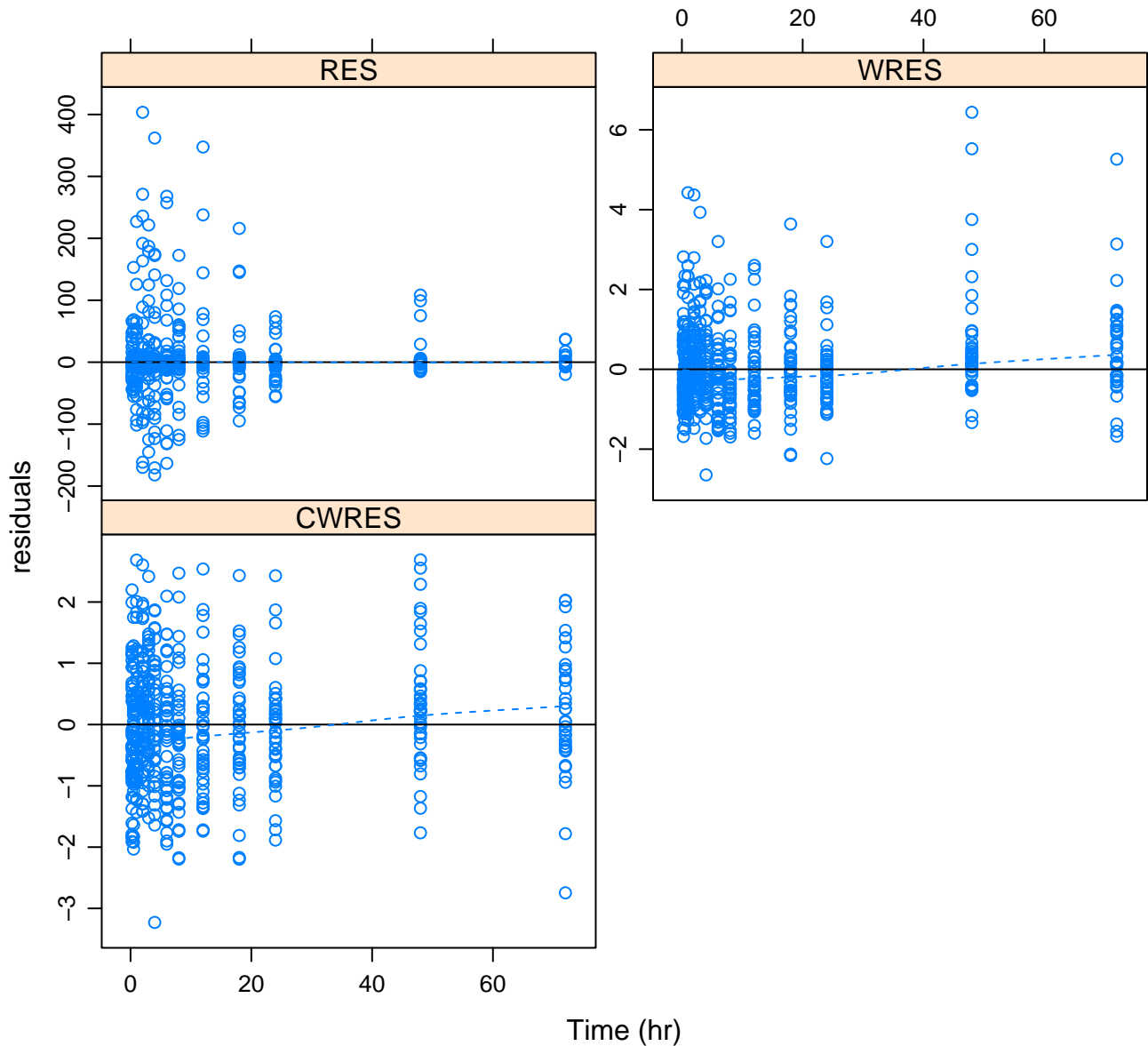
Model 1005

Residuals vs. Predicted for all data



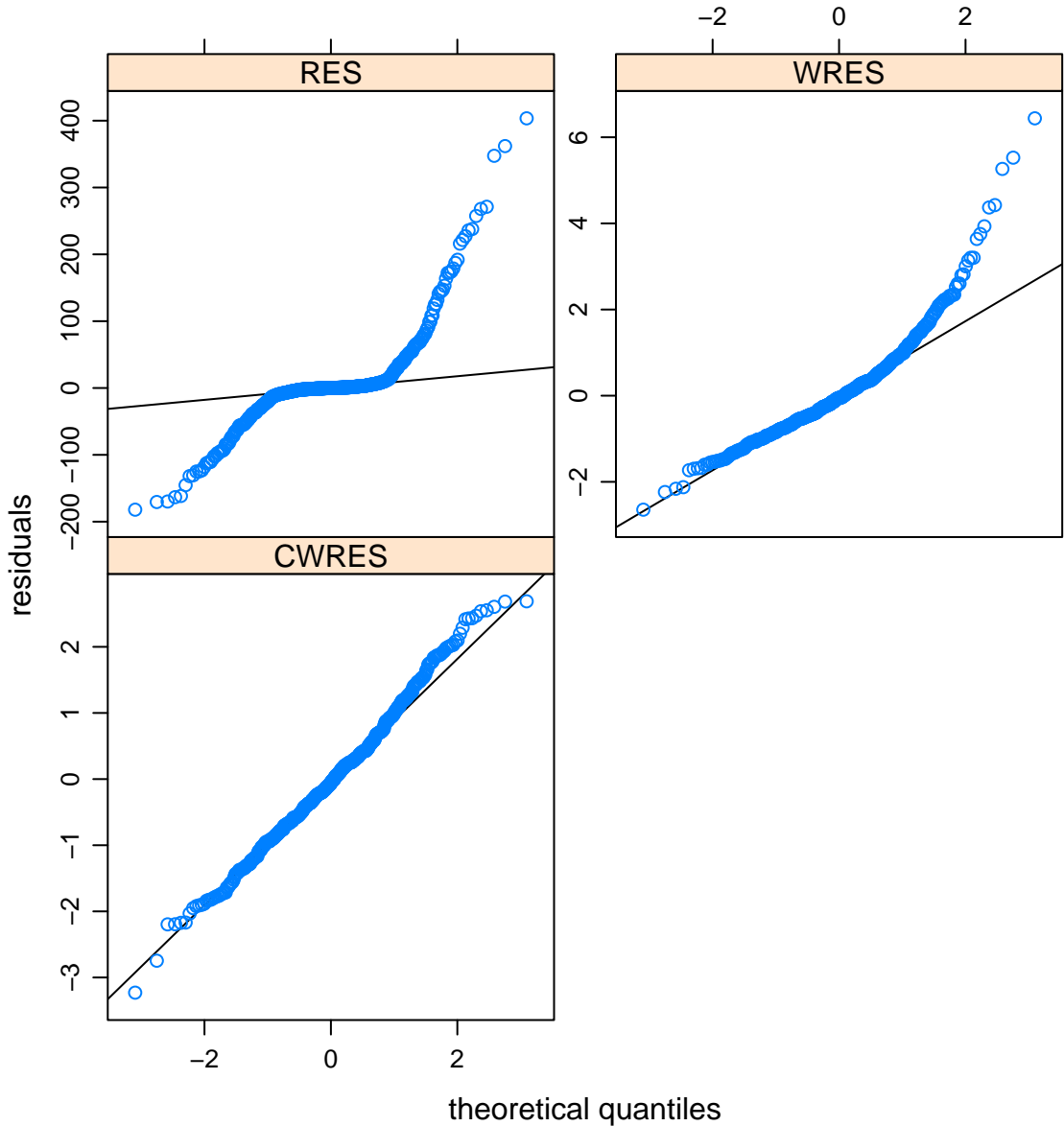
Model 1005

Residuals vs. Time for all data

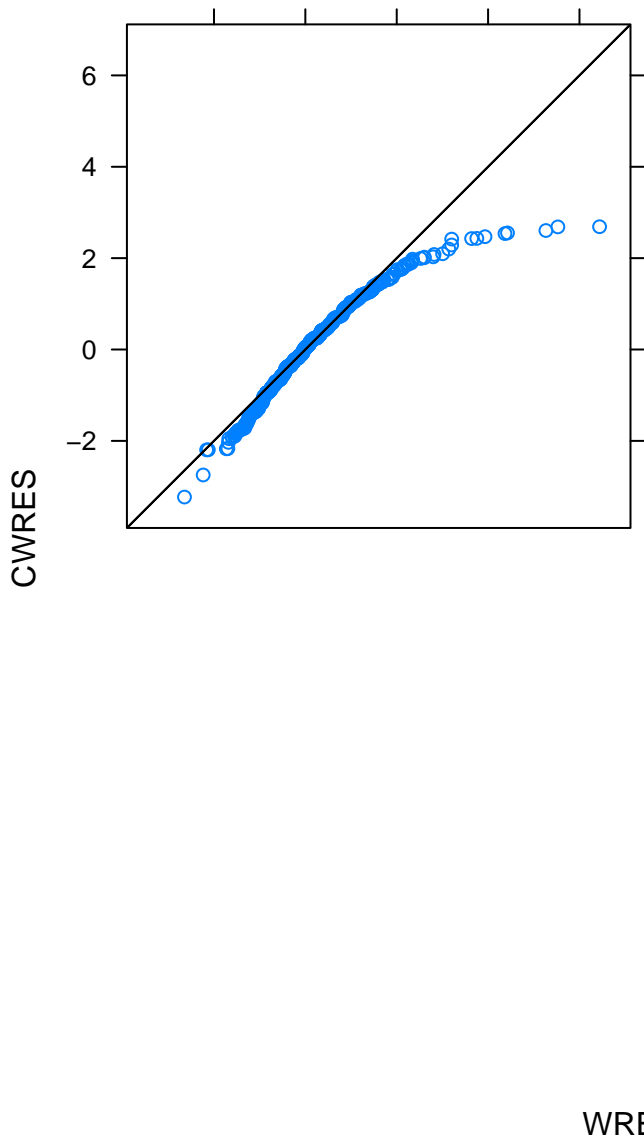


Model 1005

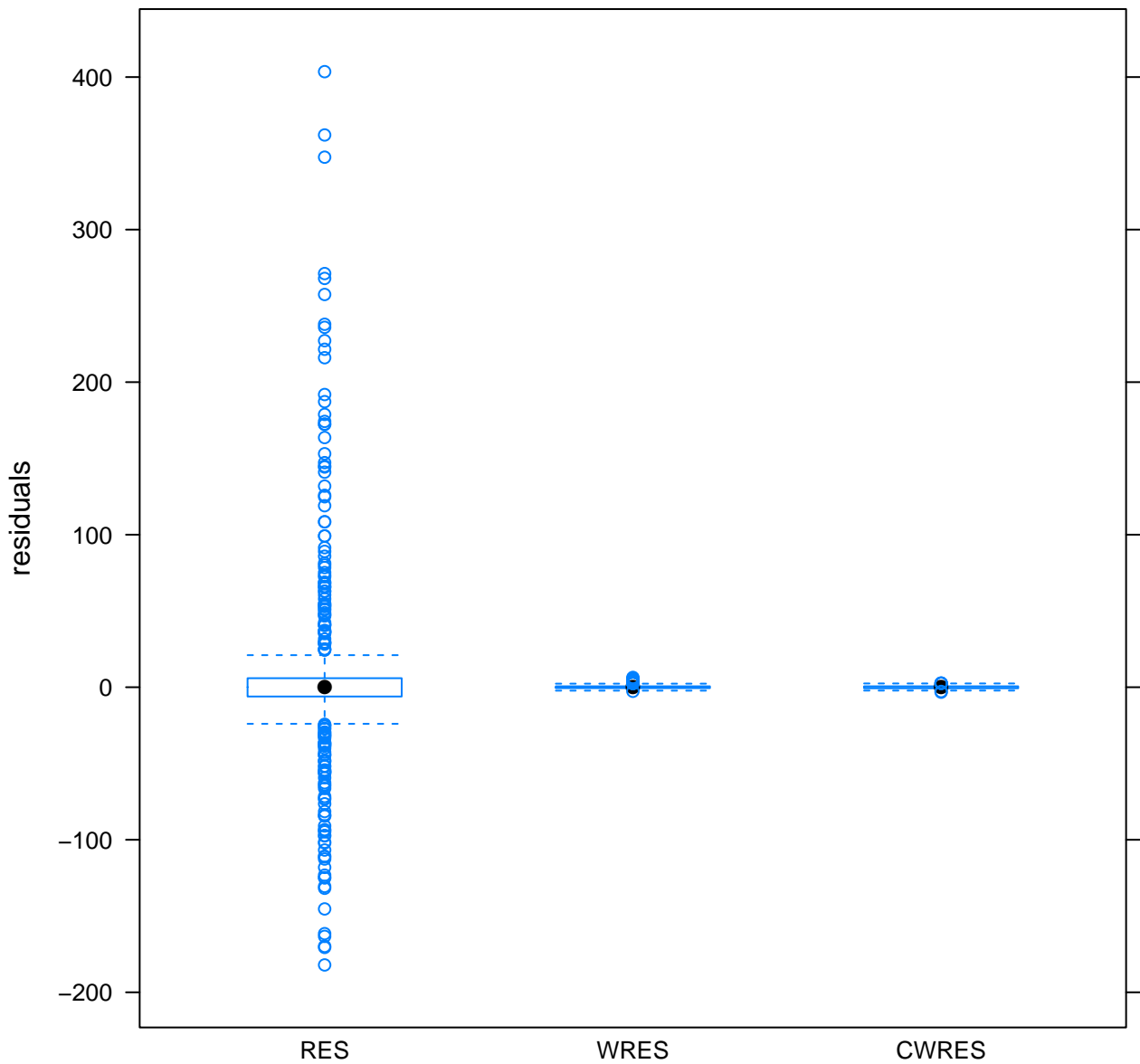
Normal Q-Q Plot Residuals for all data



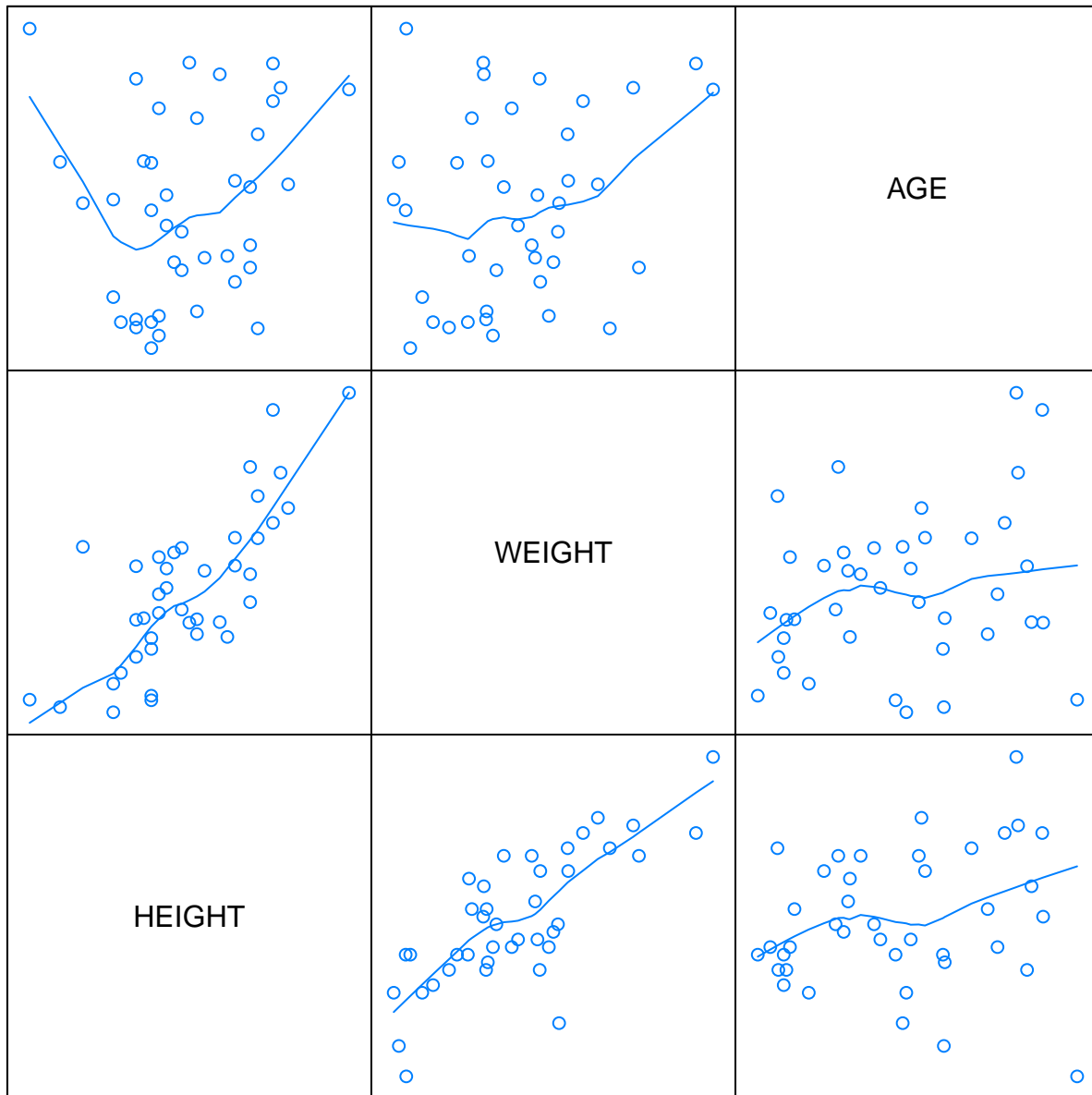
Model 1005
Q-Q Plot of CWRES vs. WRES for all data



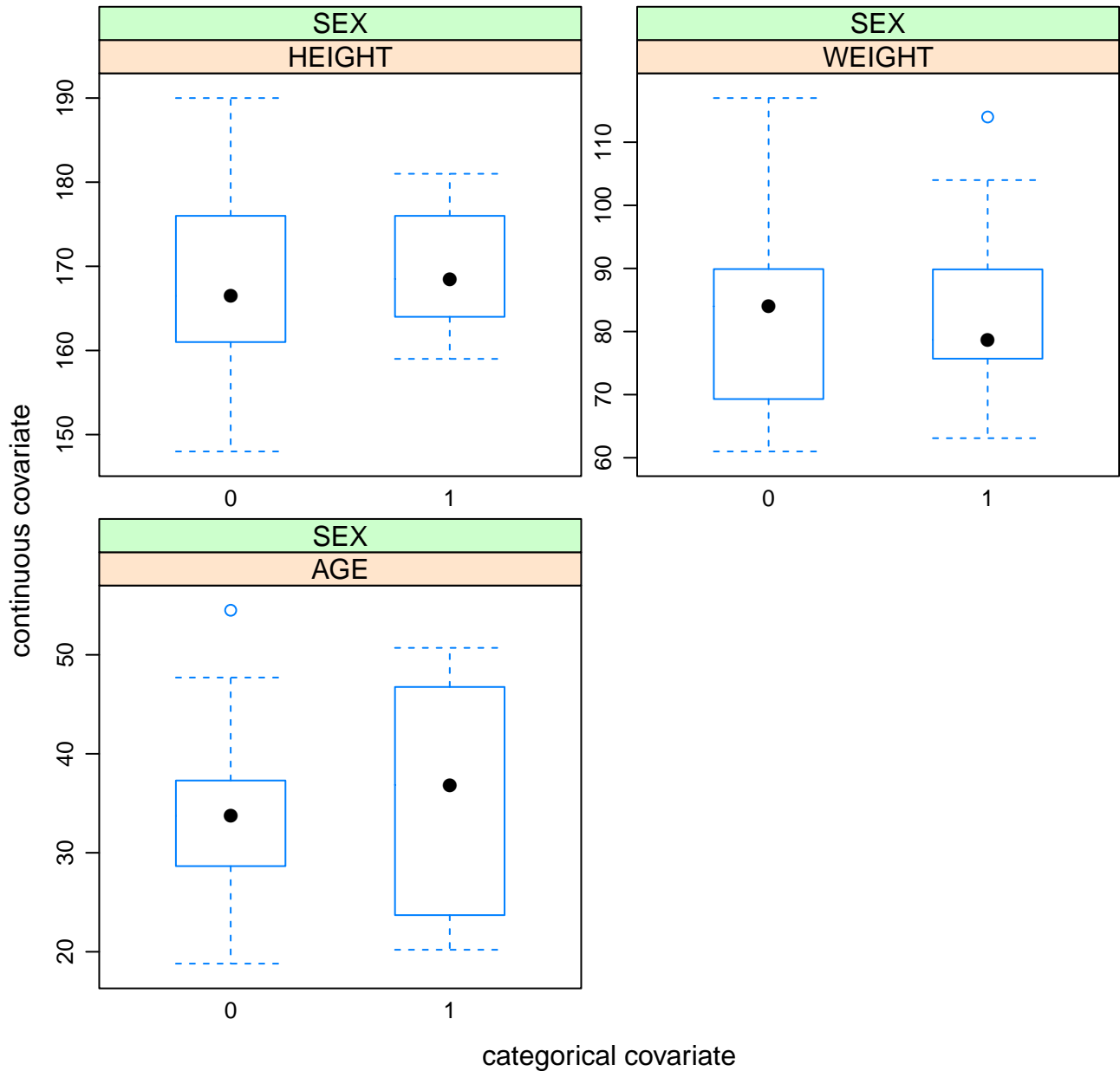
Model 1005 Boxplots of Residuals



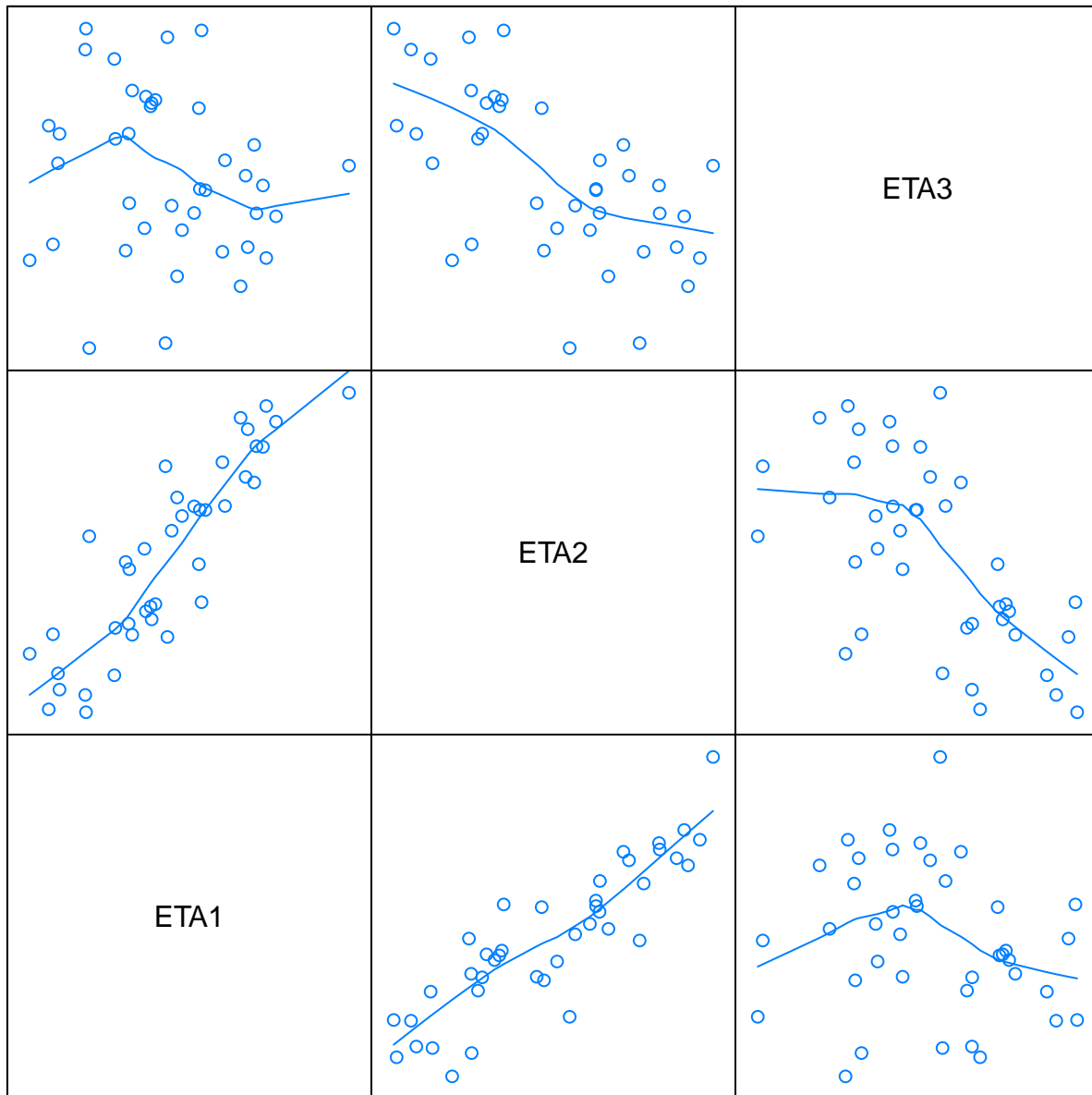
Covariate Scatterplots



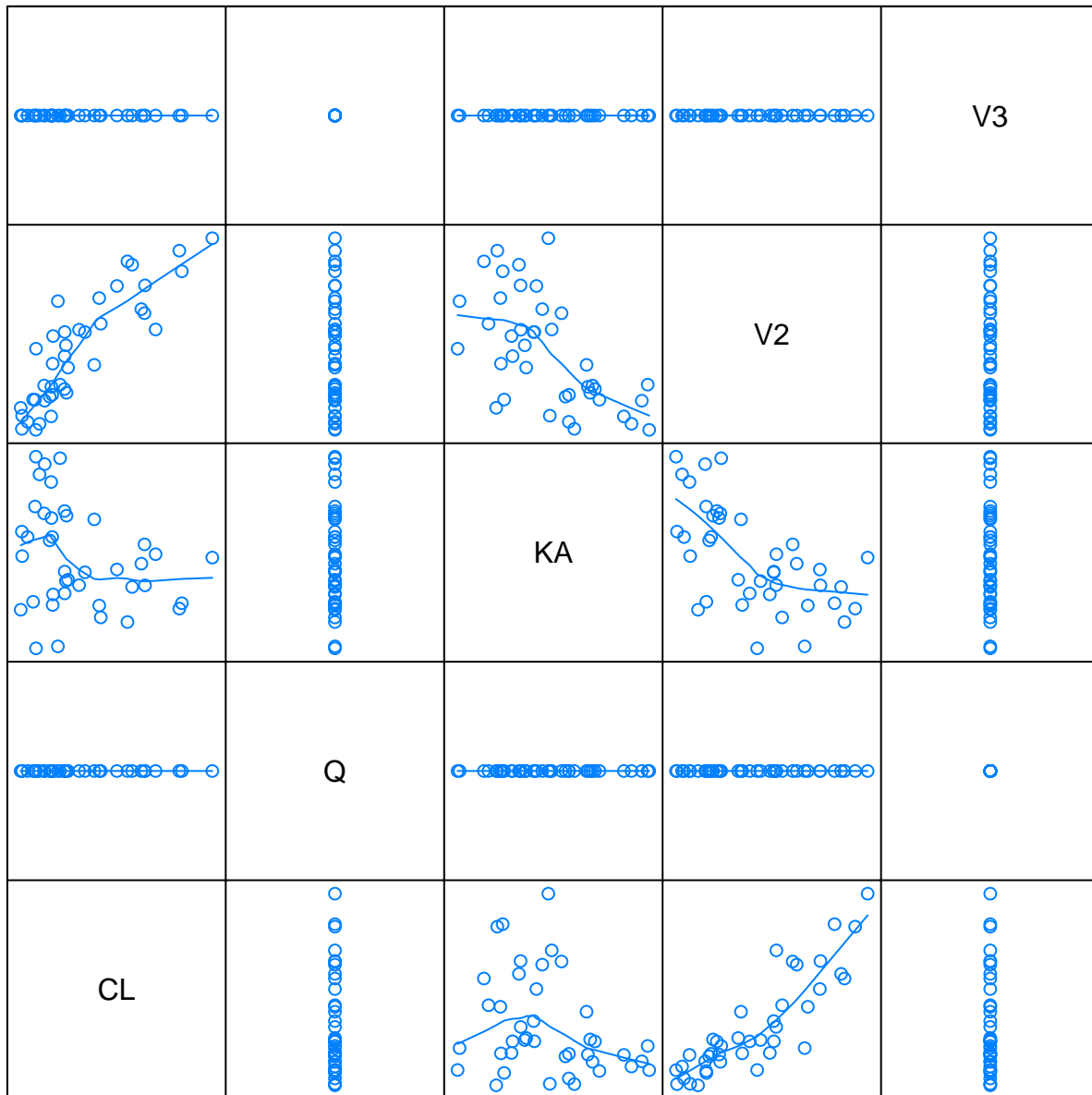
Continuous Covariates vs. Categorical Covariates



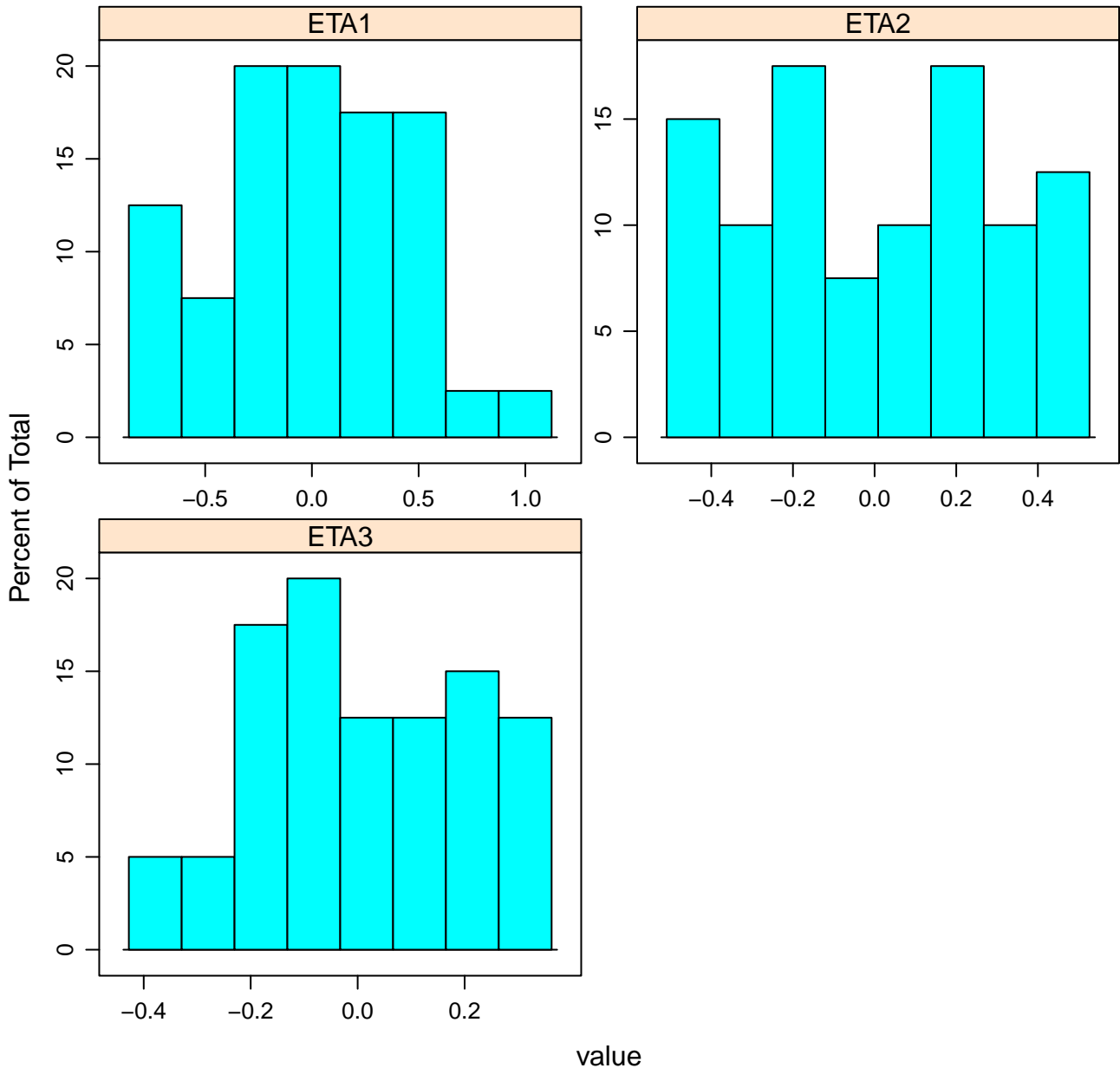
ETA Scatterplots



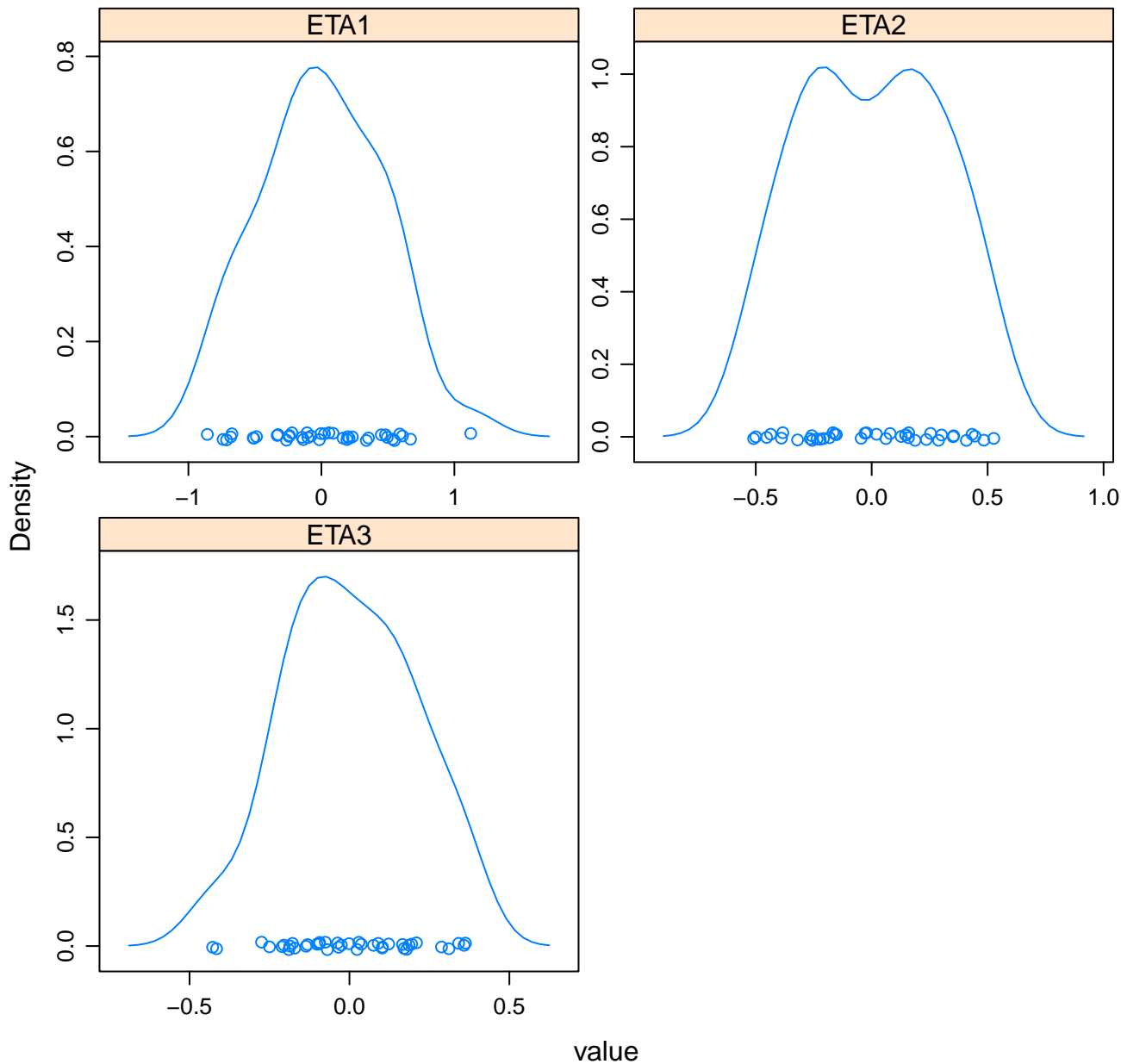
Parameter Scatterplots



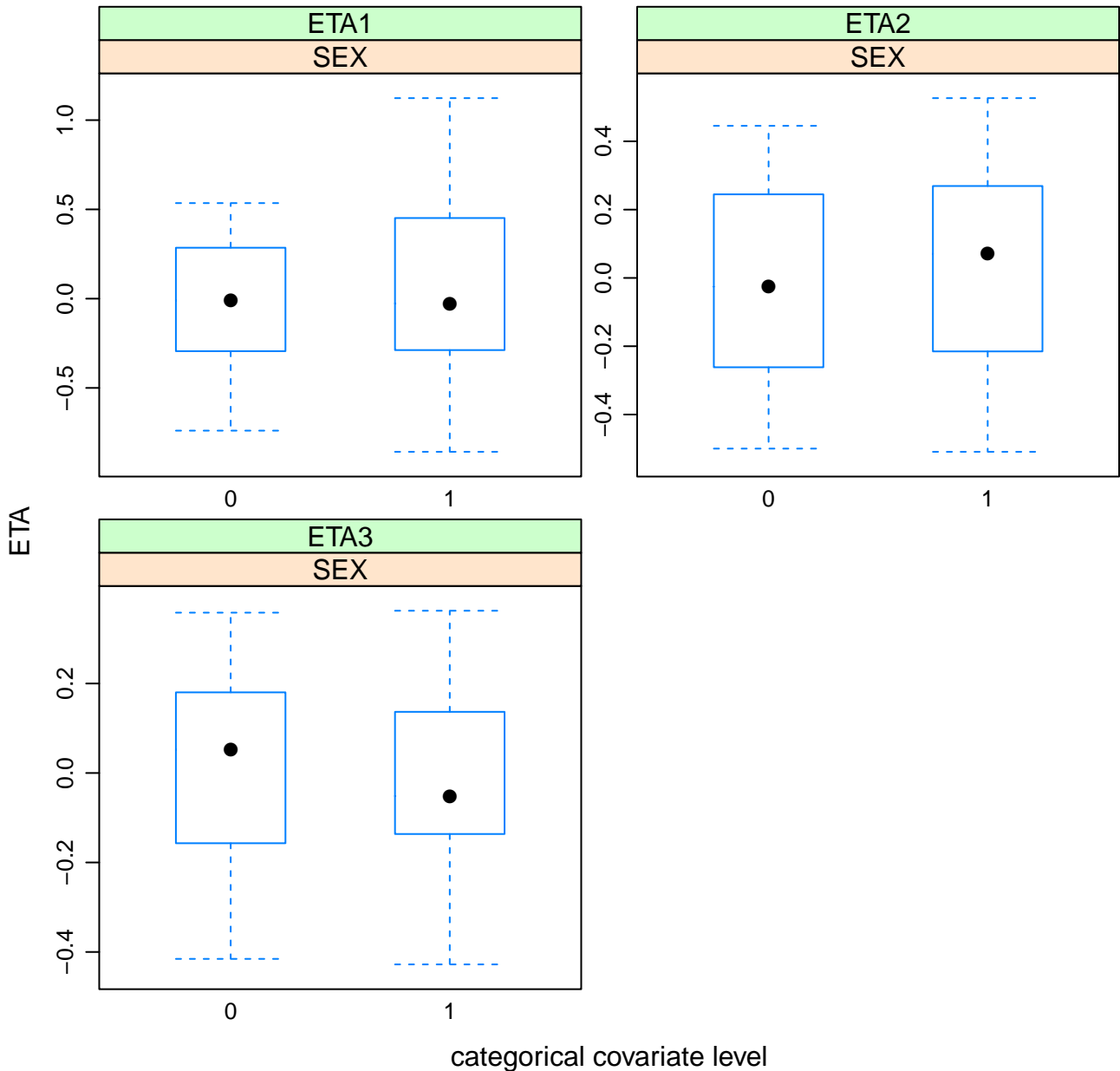
Histograms of Etas



Density of Etas

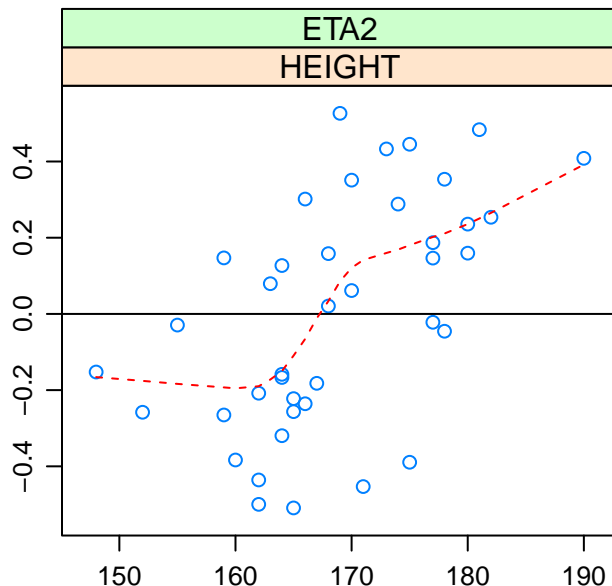
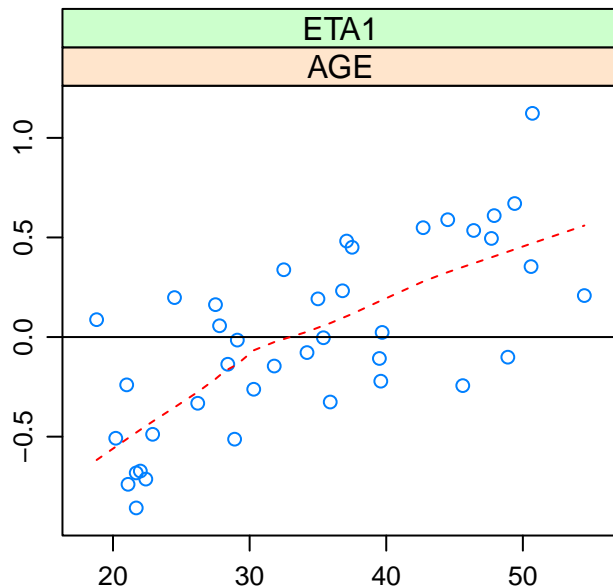
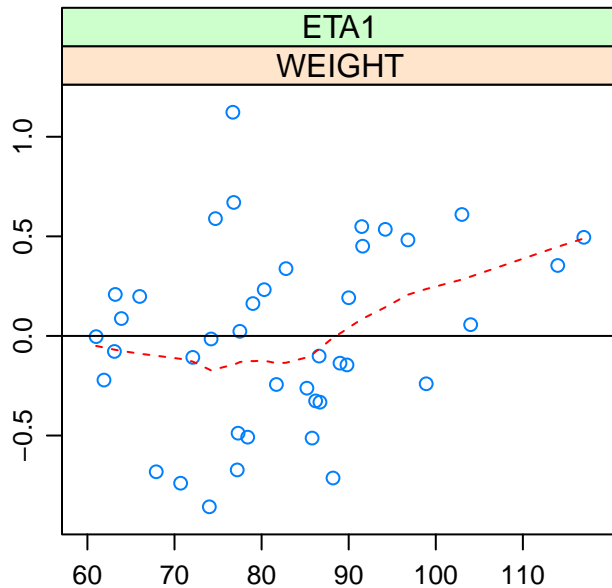
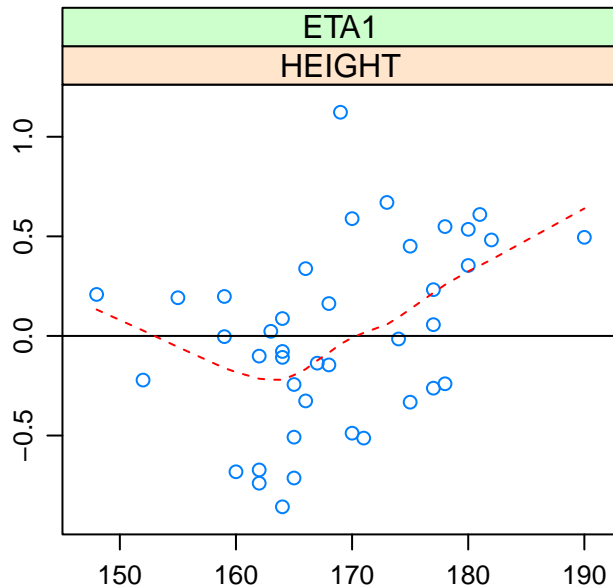


Boxplots of Etas by Categorical Covariate



Etas vs. Continuous Covariates

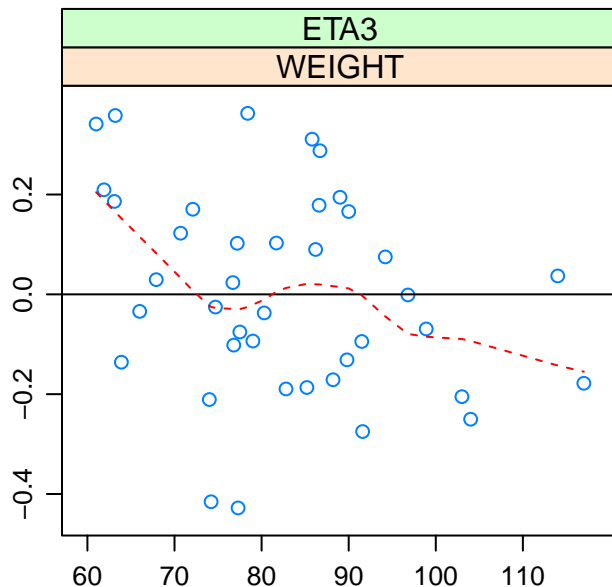
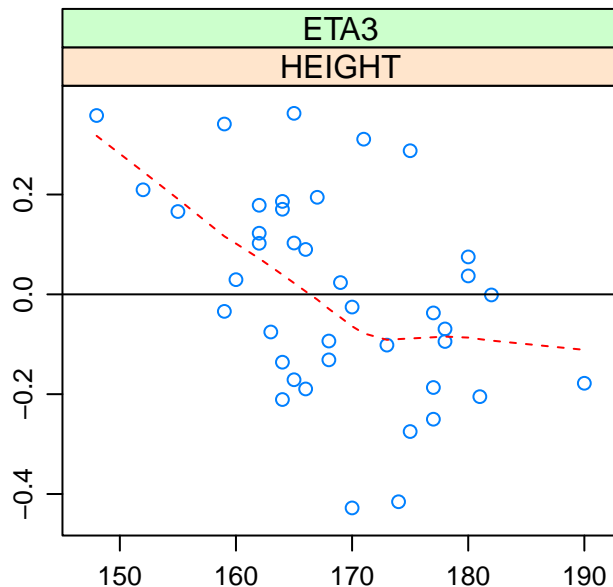
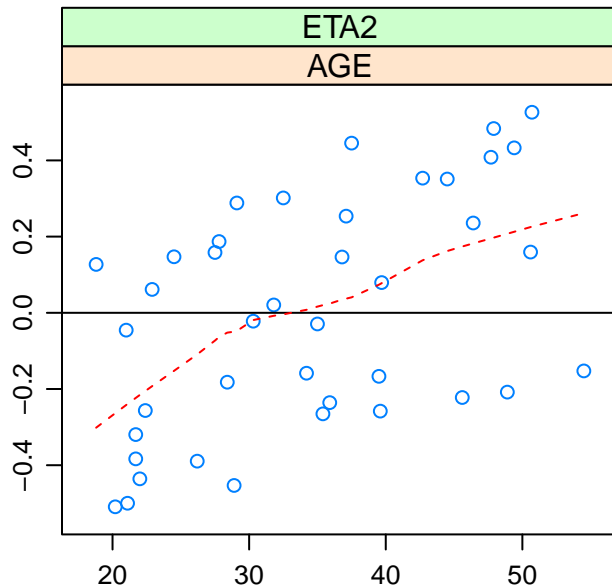
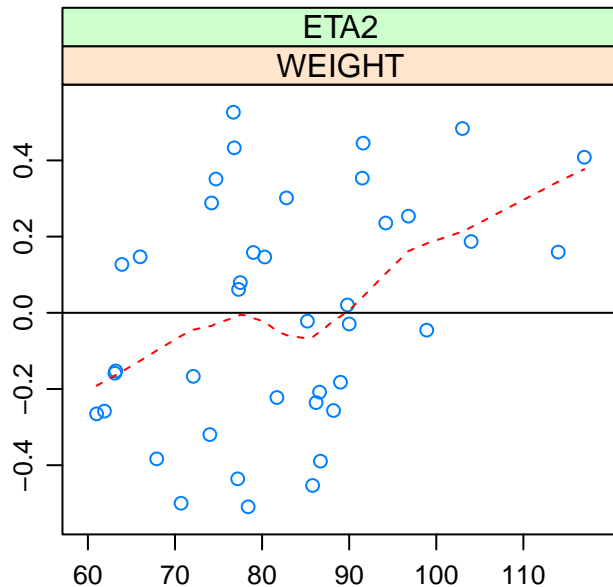
ETA



continuous covariate

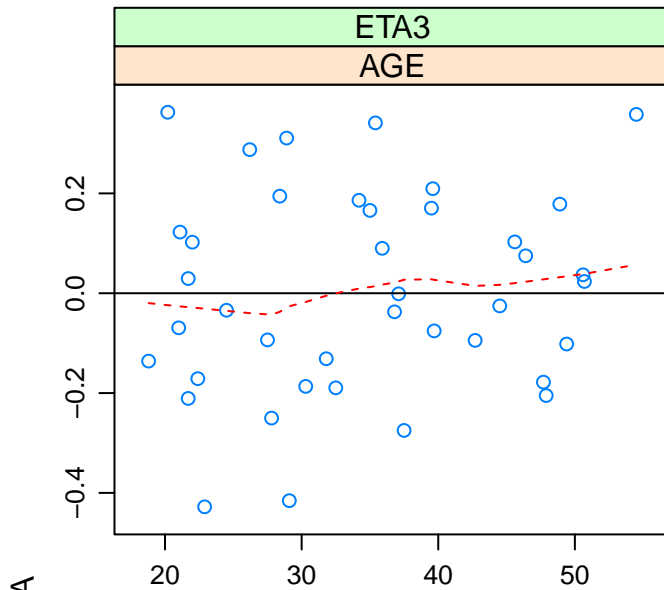
Etas vs. Continuous Covariates

ETA



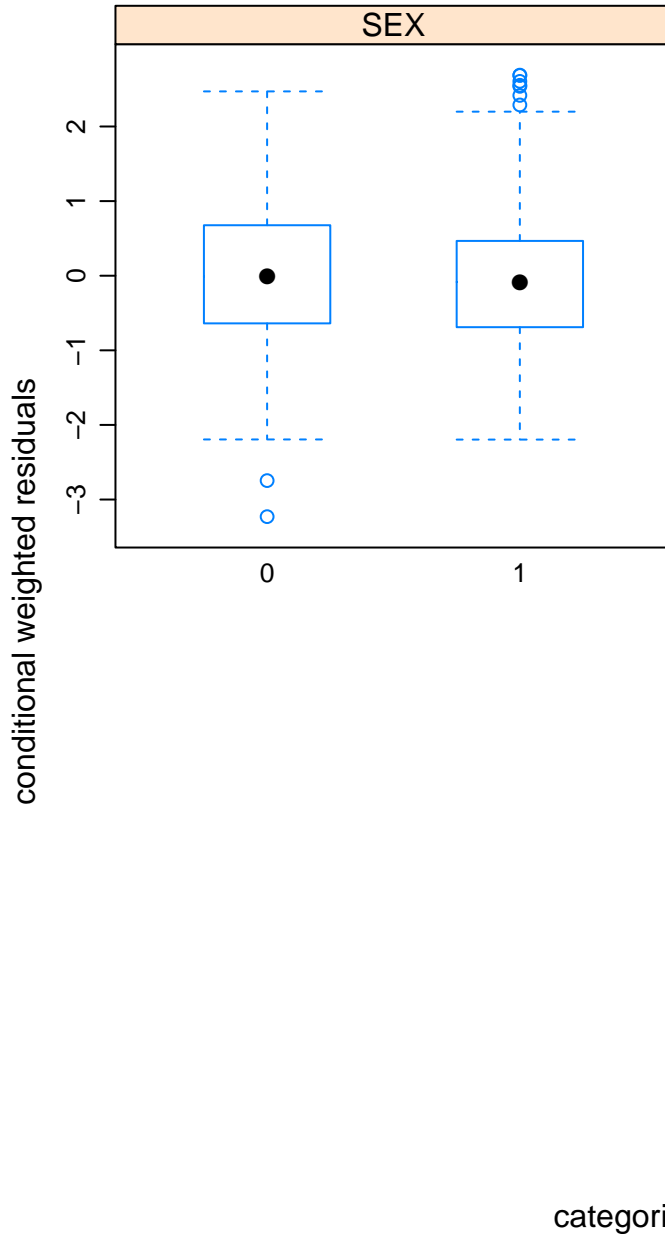
continuous covariate

Etas vs. Continuous Covariates

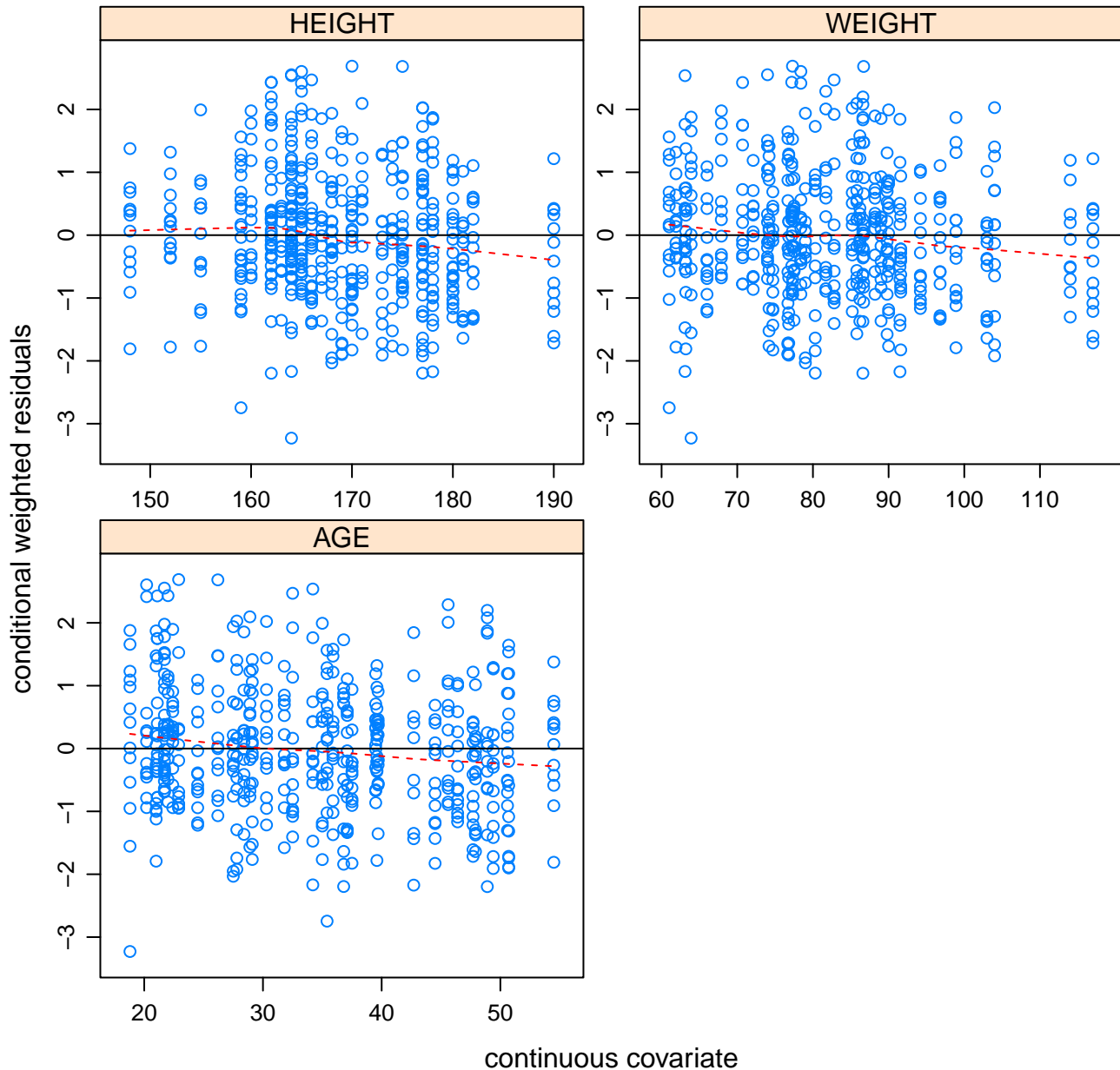


continuous covariate

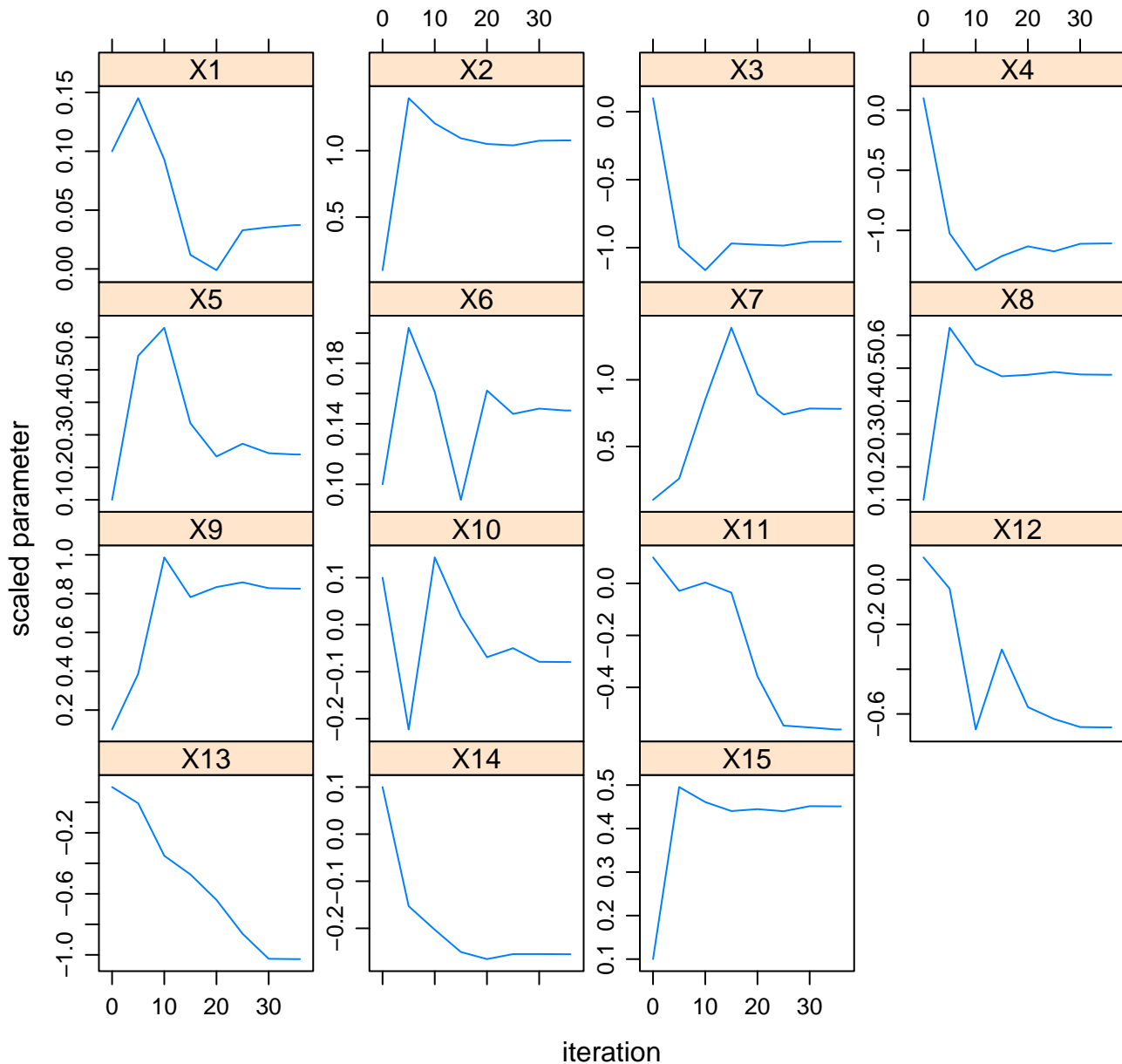
CWRES vs. Categorical Covariates



CWRES vs. Continuous Covariates



Model 1005 parameter search



Model 1005 gradient search

