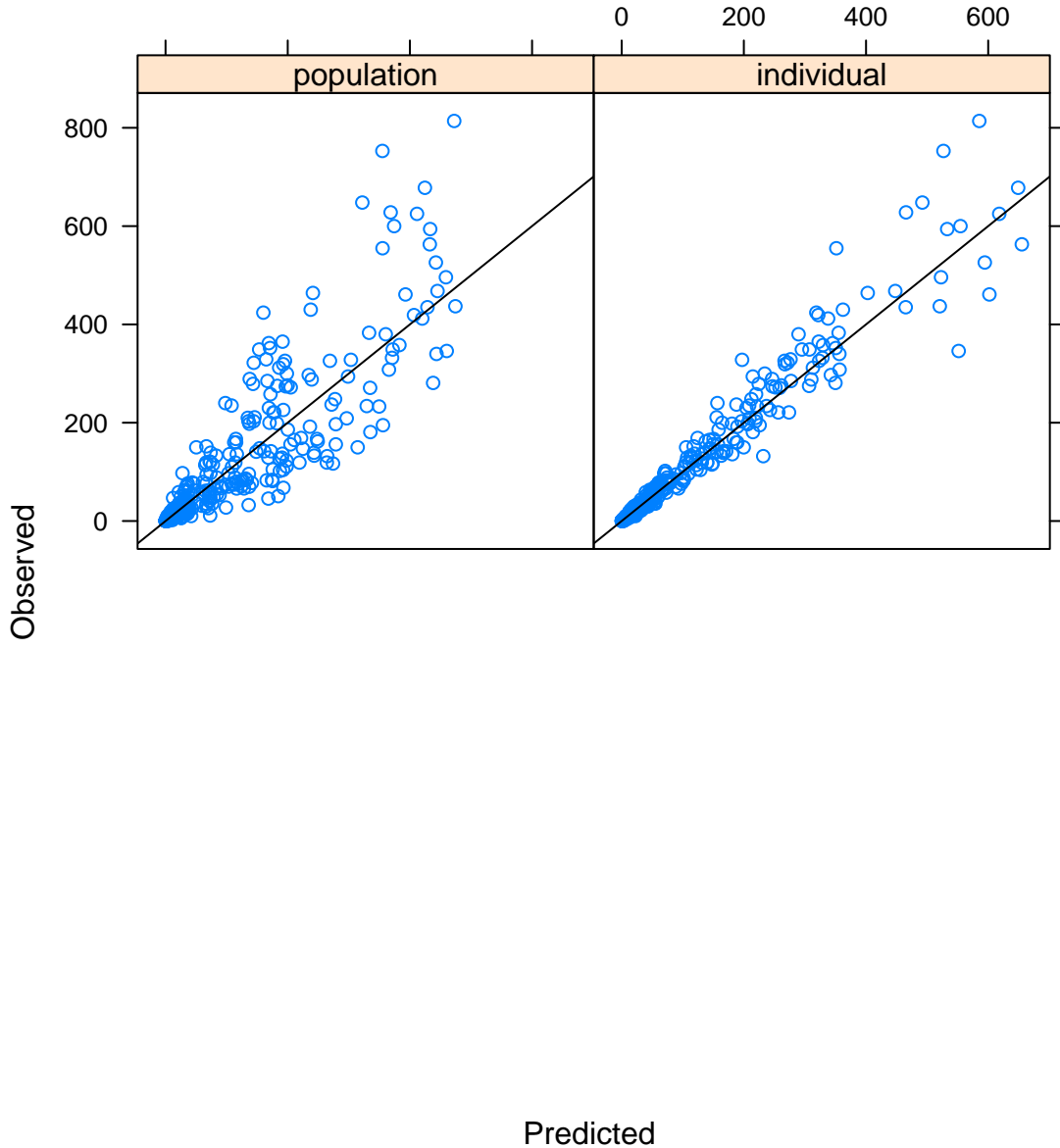


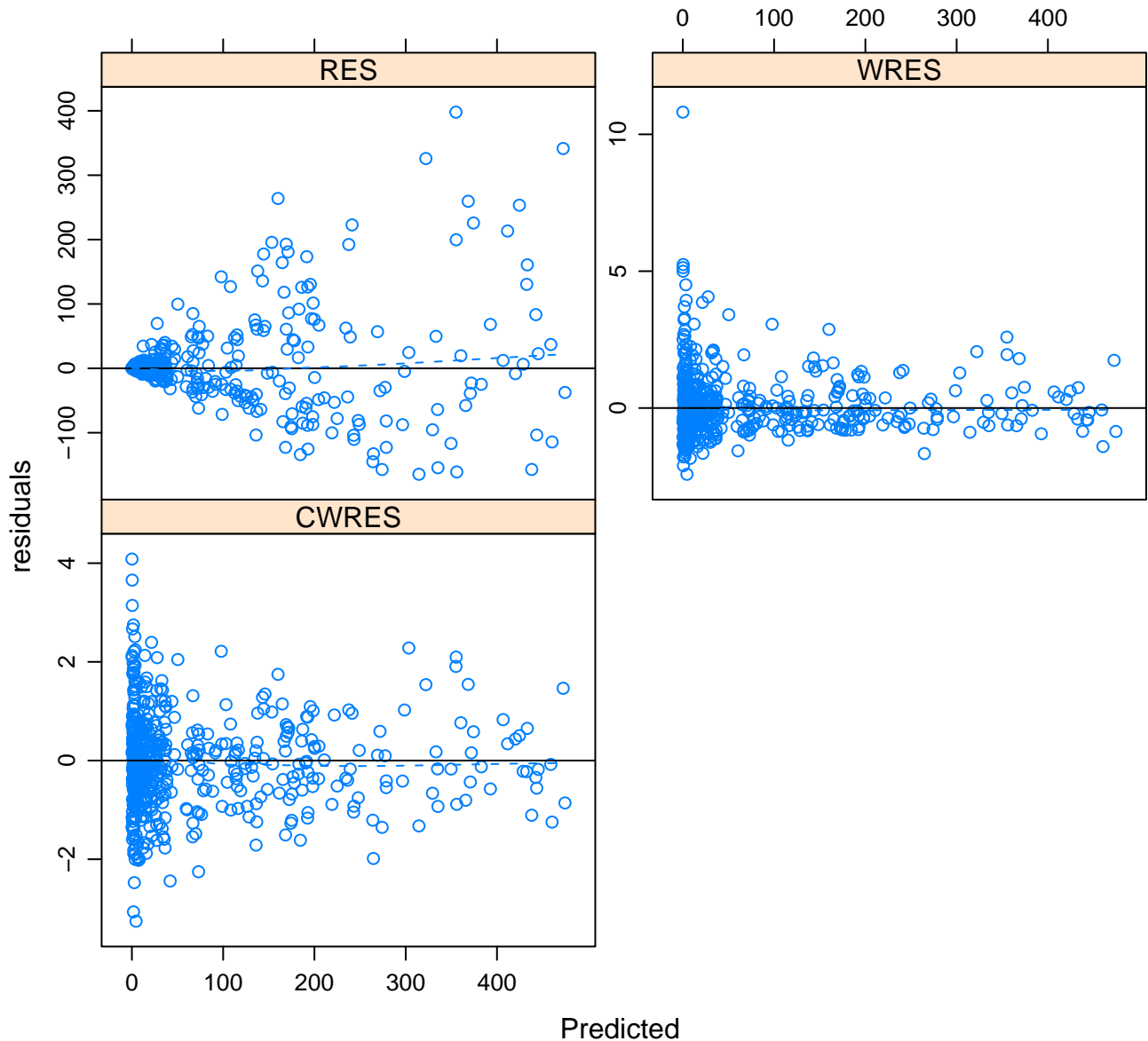
# Model 1005

## Observed vs. Predicted for all data



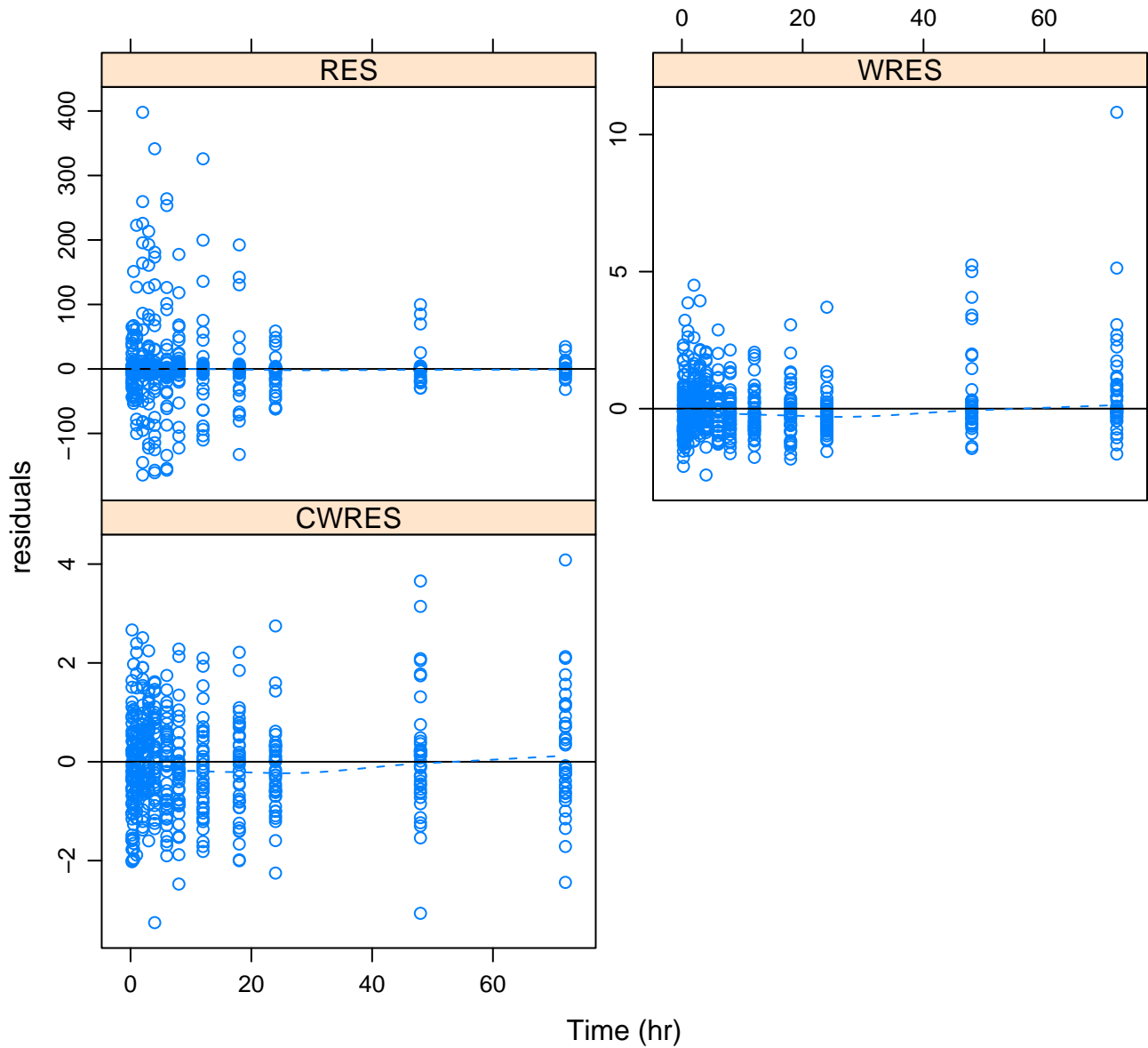
# Model 1005

## Residuals vs. Predicted for all data



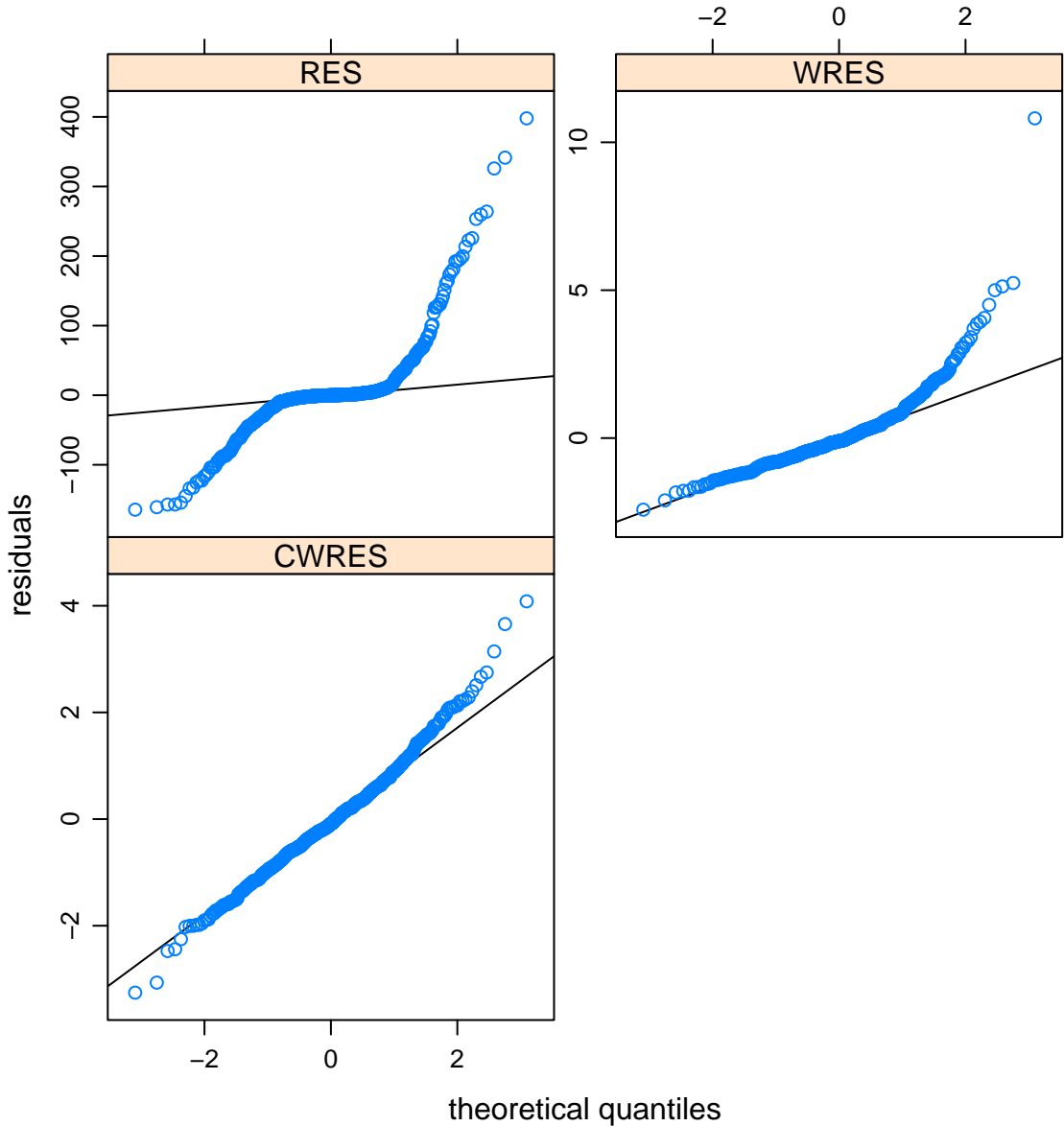
# Model 1005

## Residuals vs. Time for all data

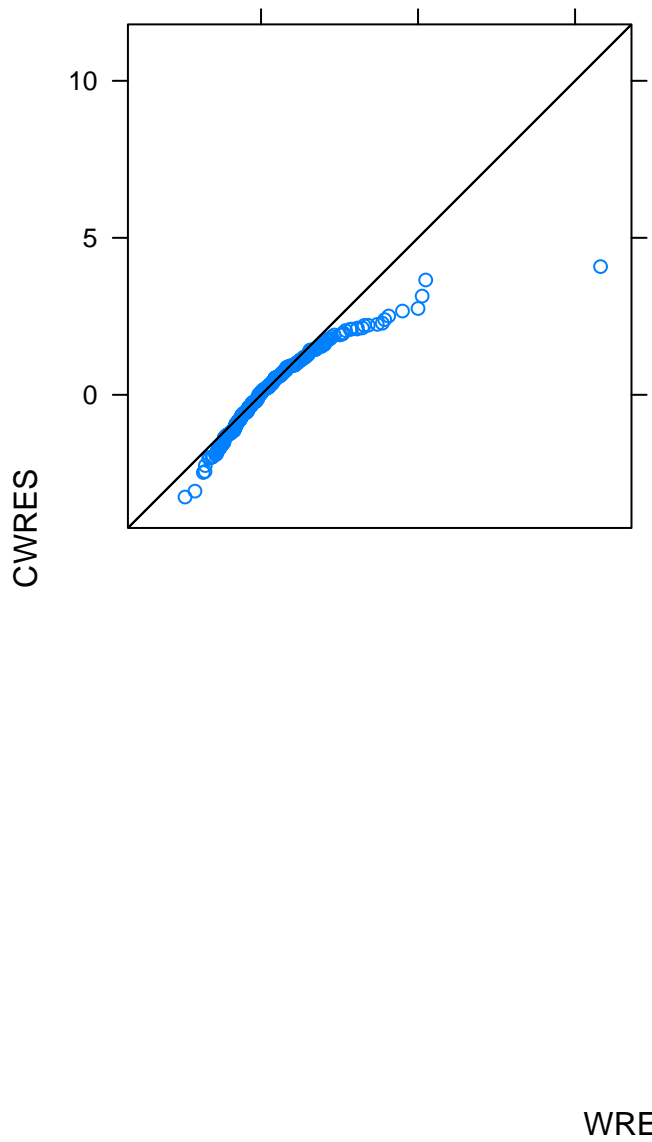


# Model 1005

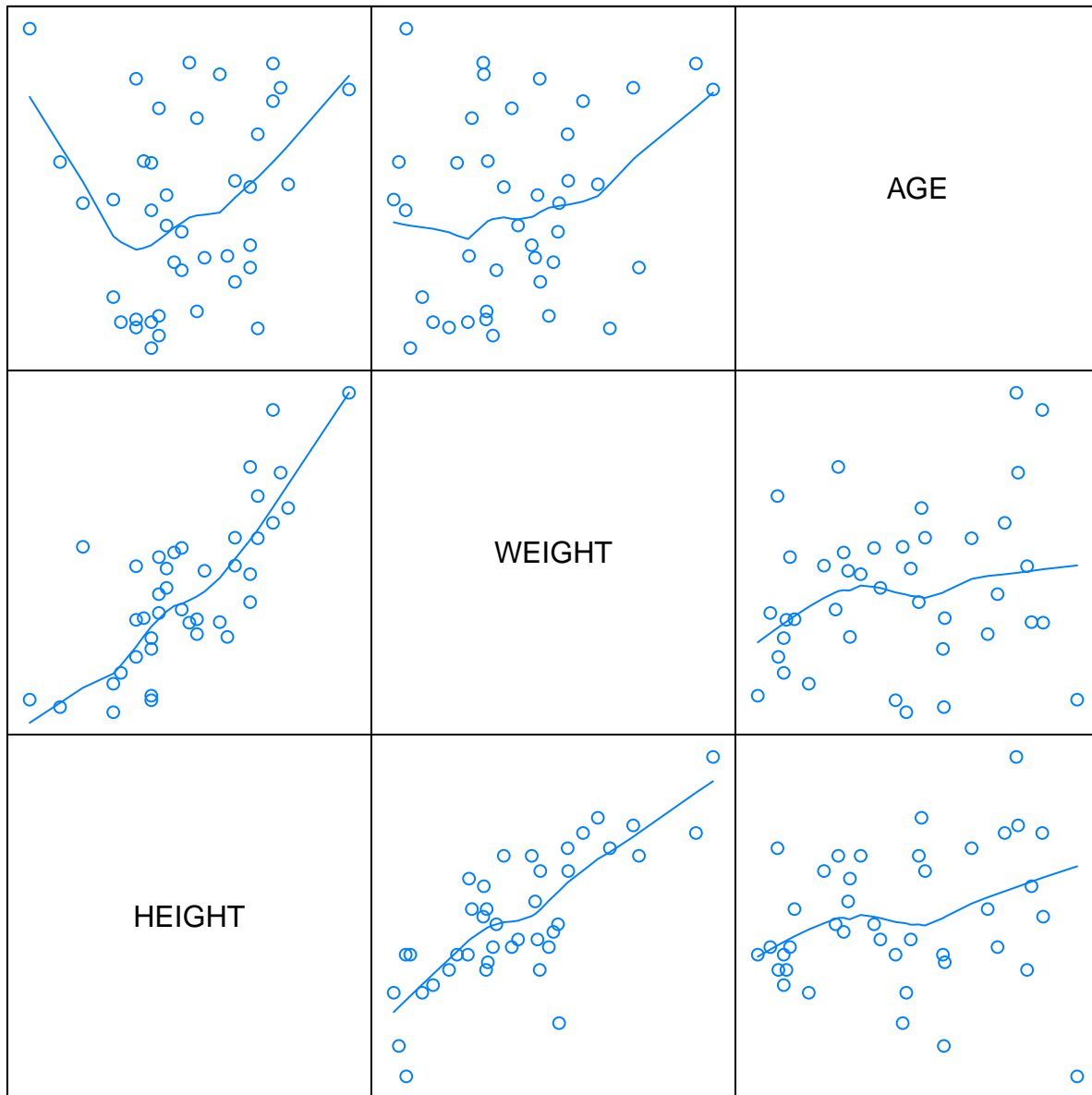
## Normal Q-Q Plot Residuals for all data



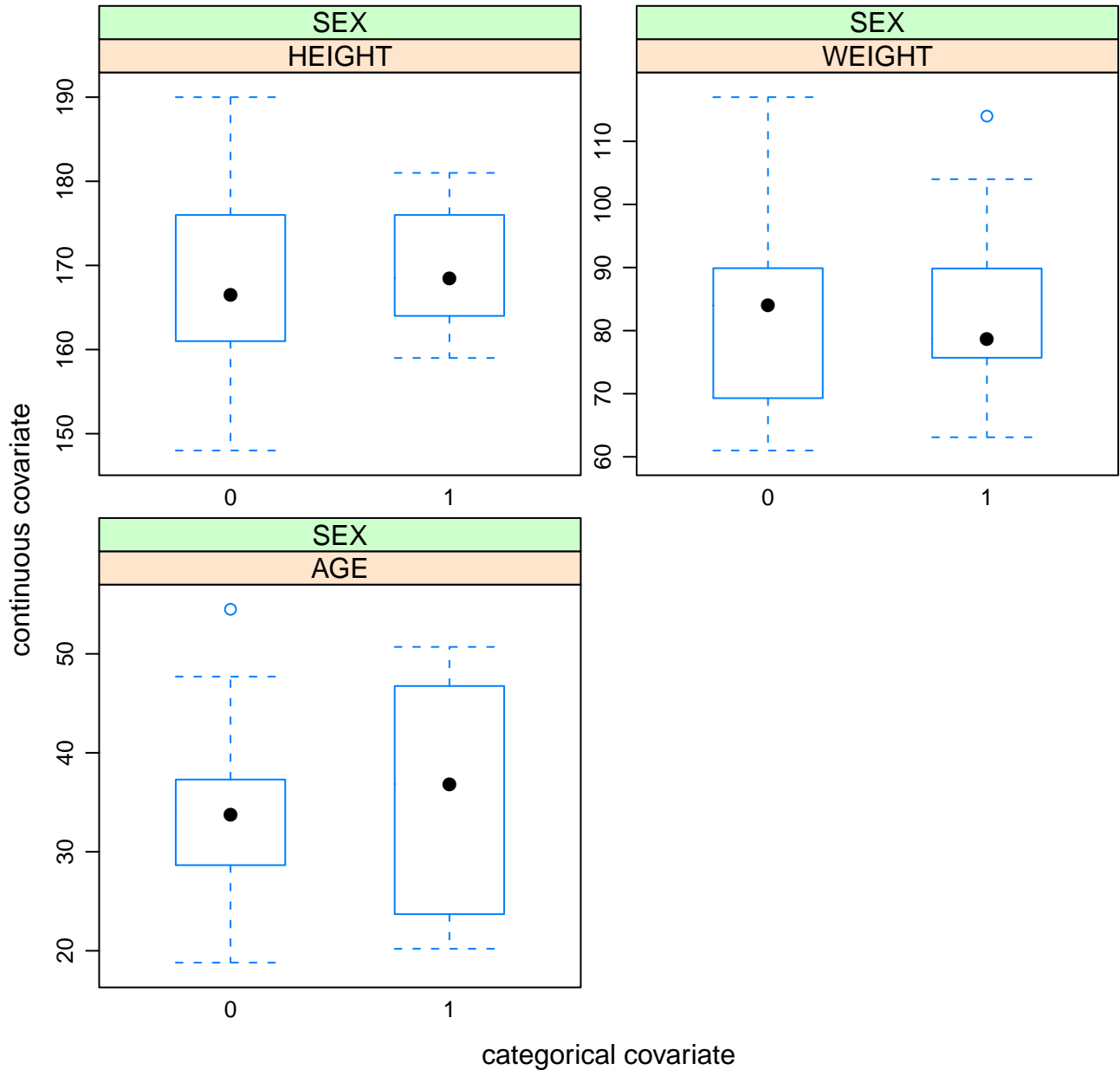
**Model 1005**  
**Q-Q Plot of CWRES vs. WRES for all data**



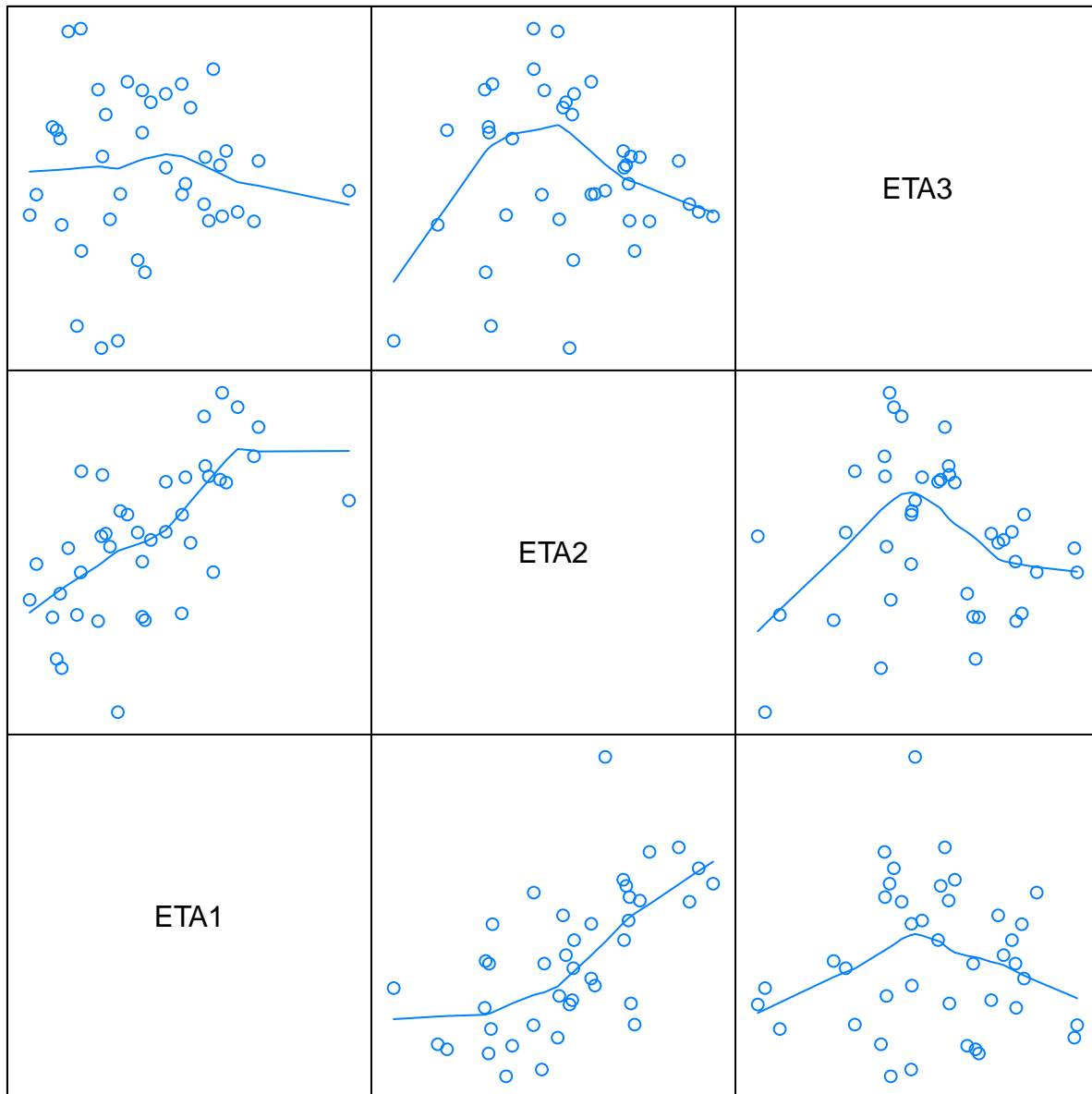
# Covariate Scatterplots



# Continuous Covariates vs. Categorical Covariates

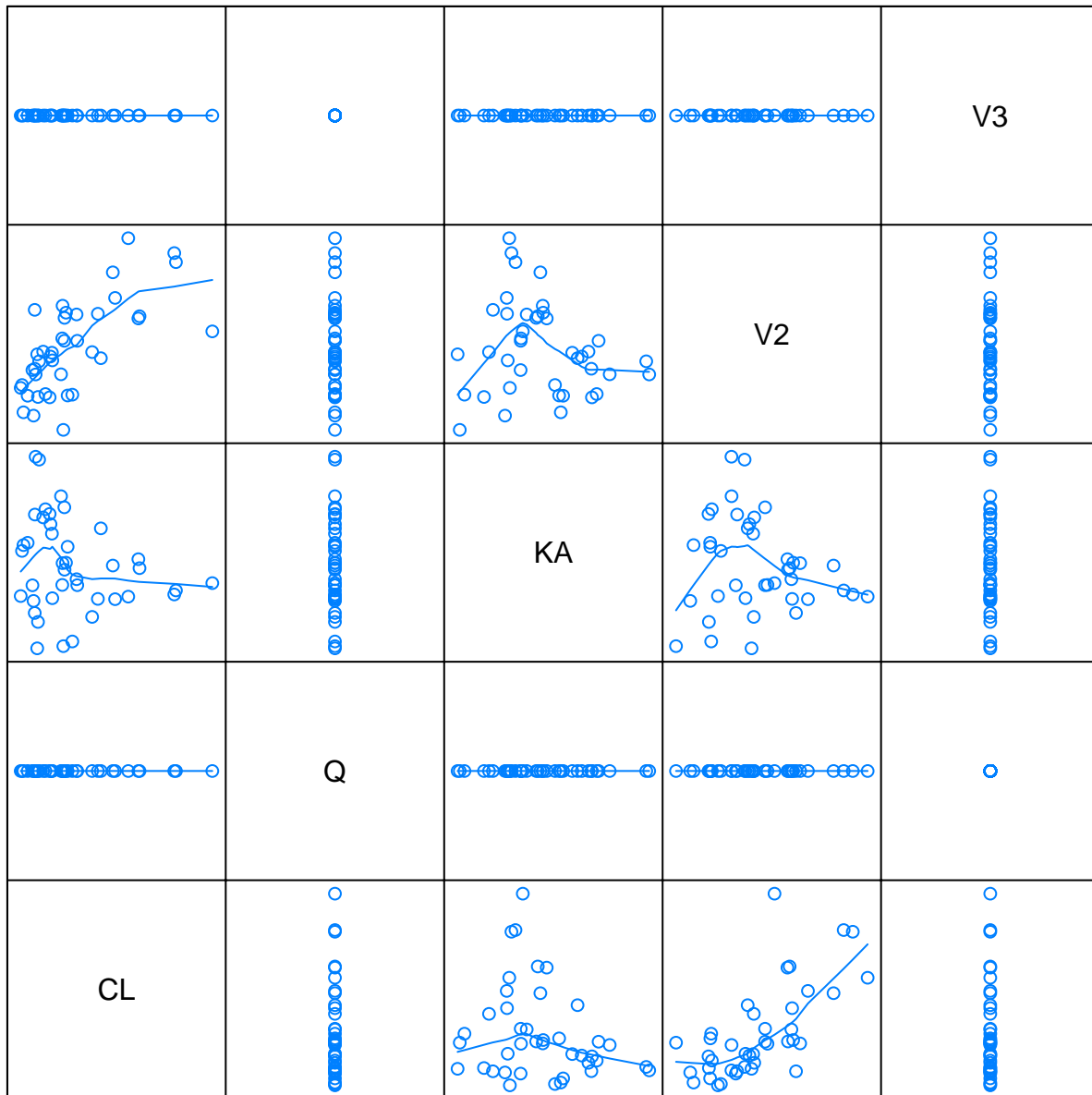


# ETA Scatterplots

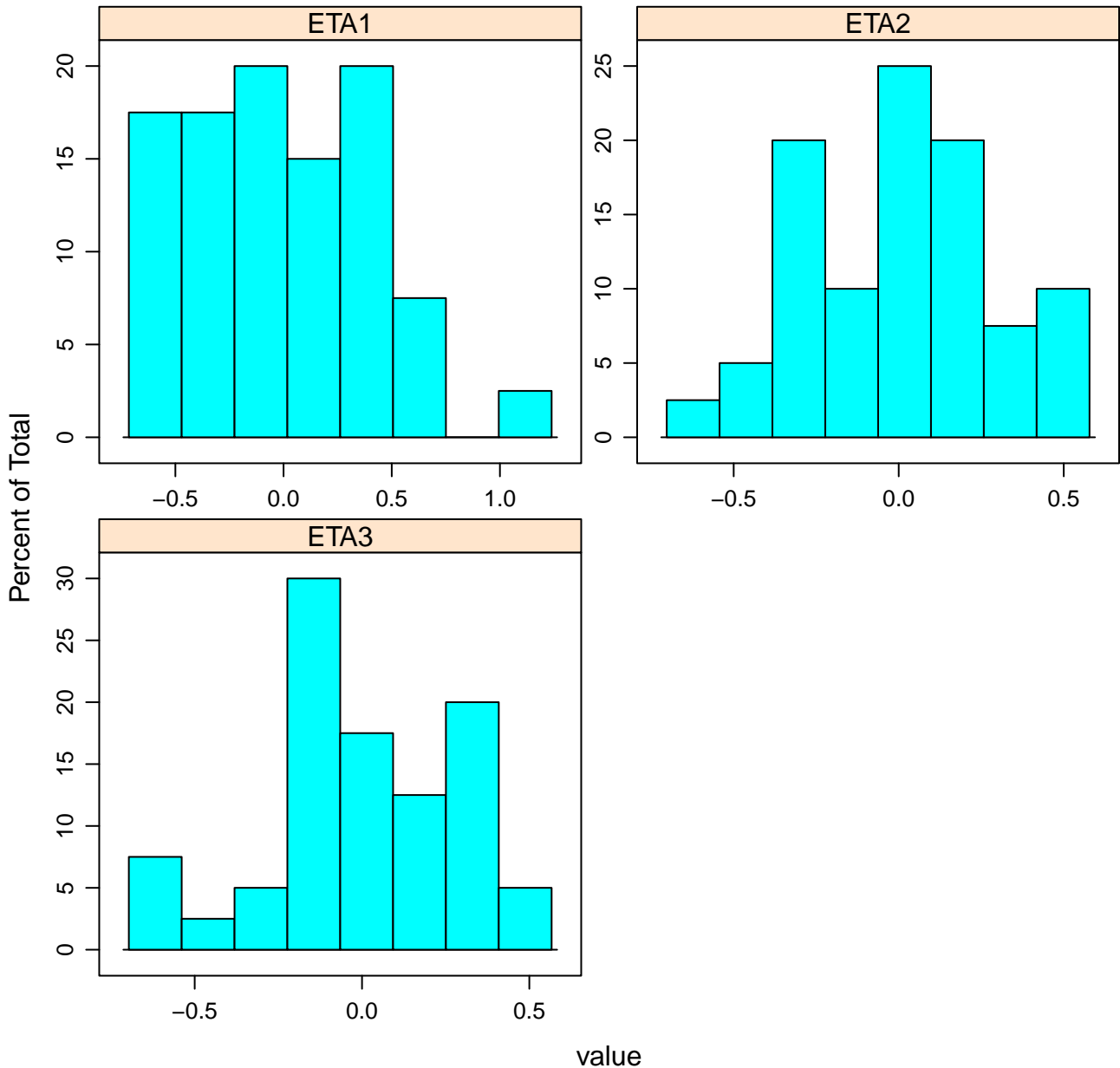




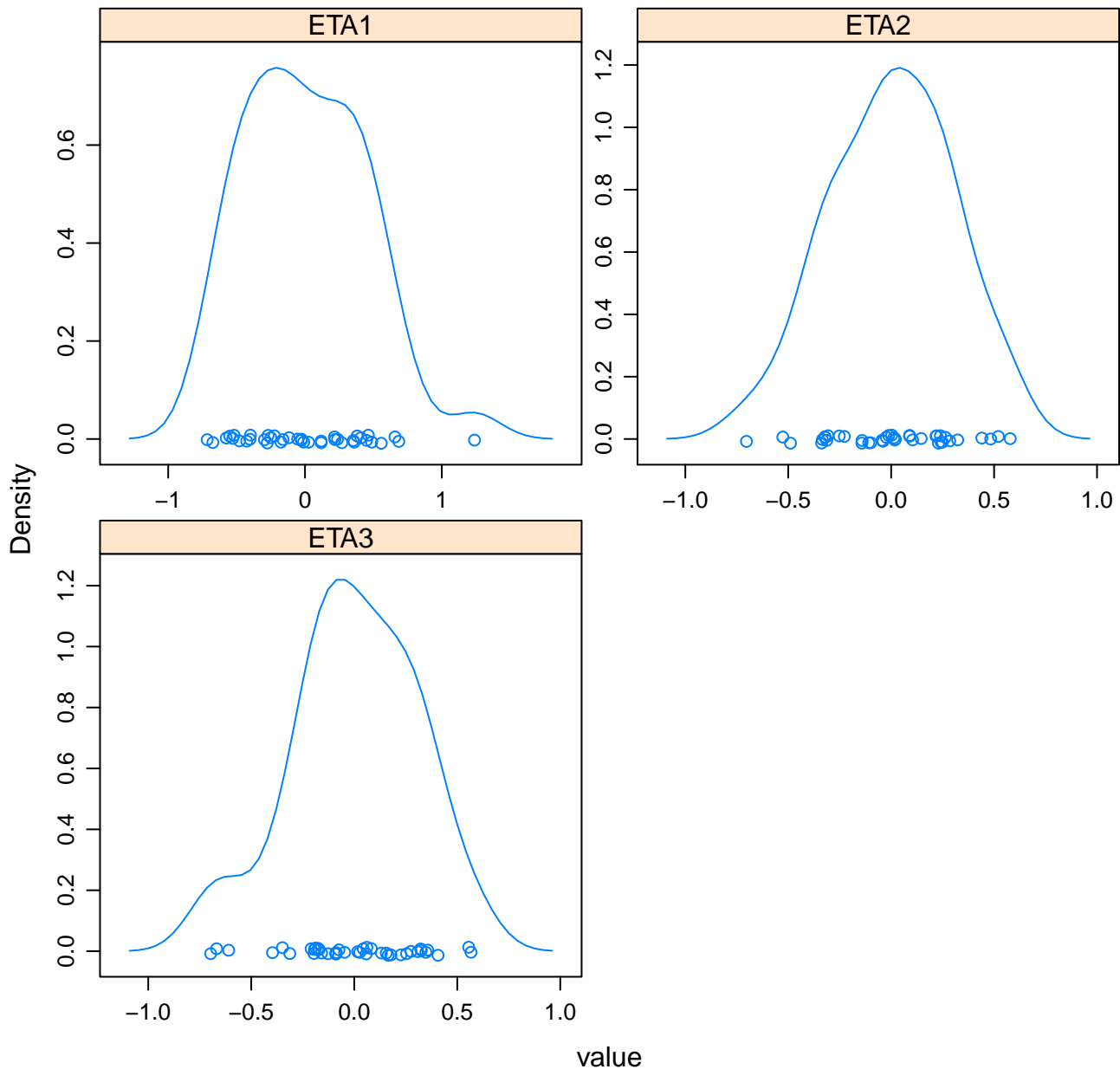
# Parameter Scatterplots



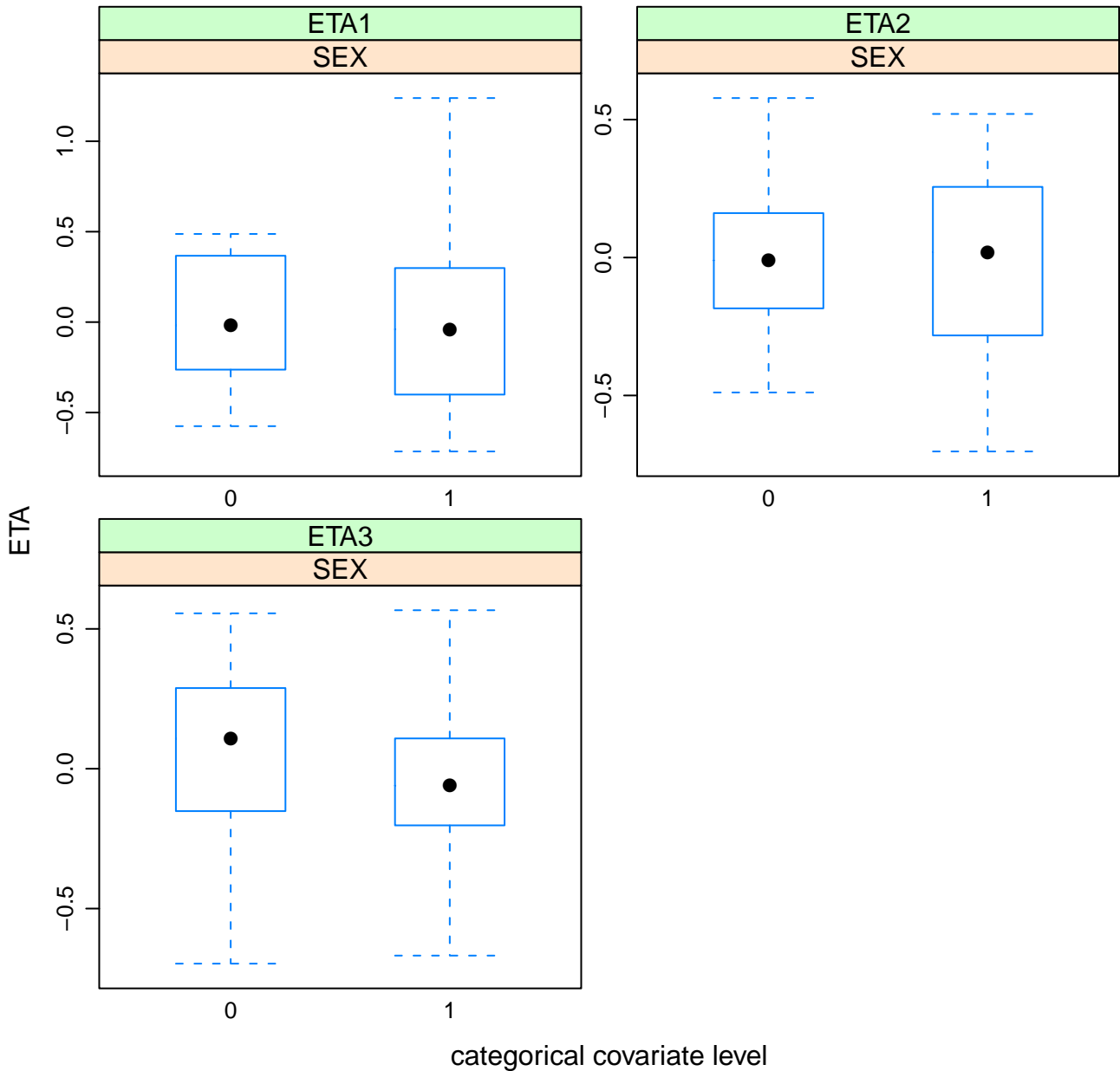
# Histograms of Etas



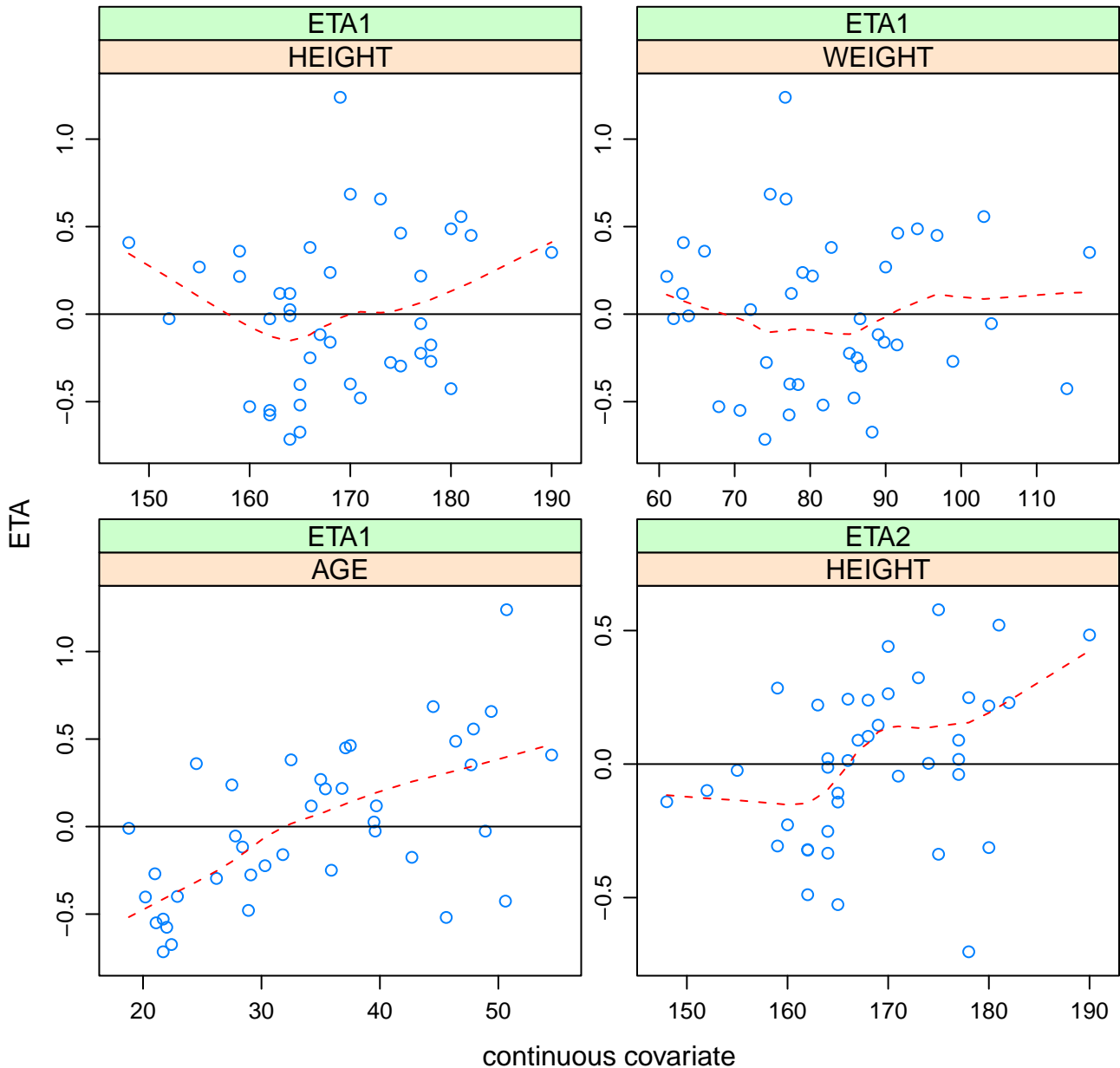
# Density of Etas



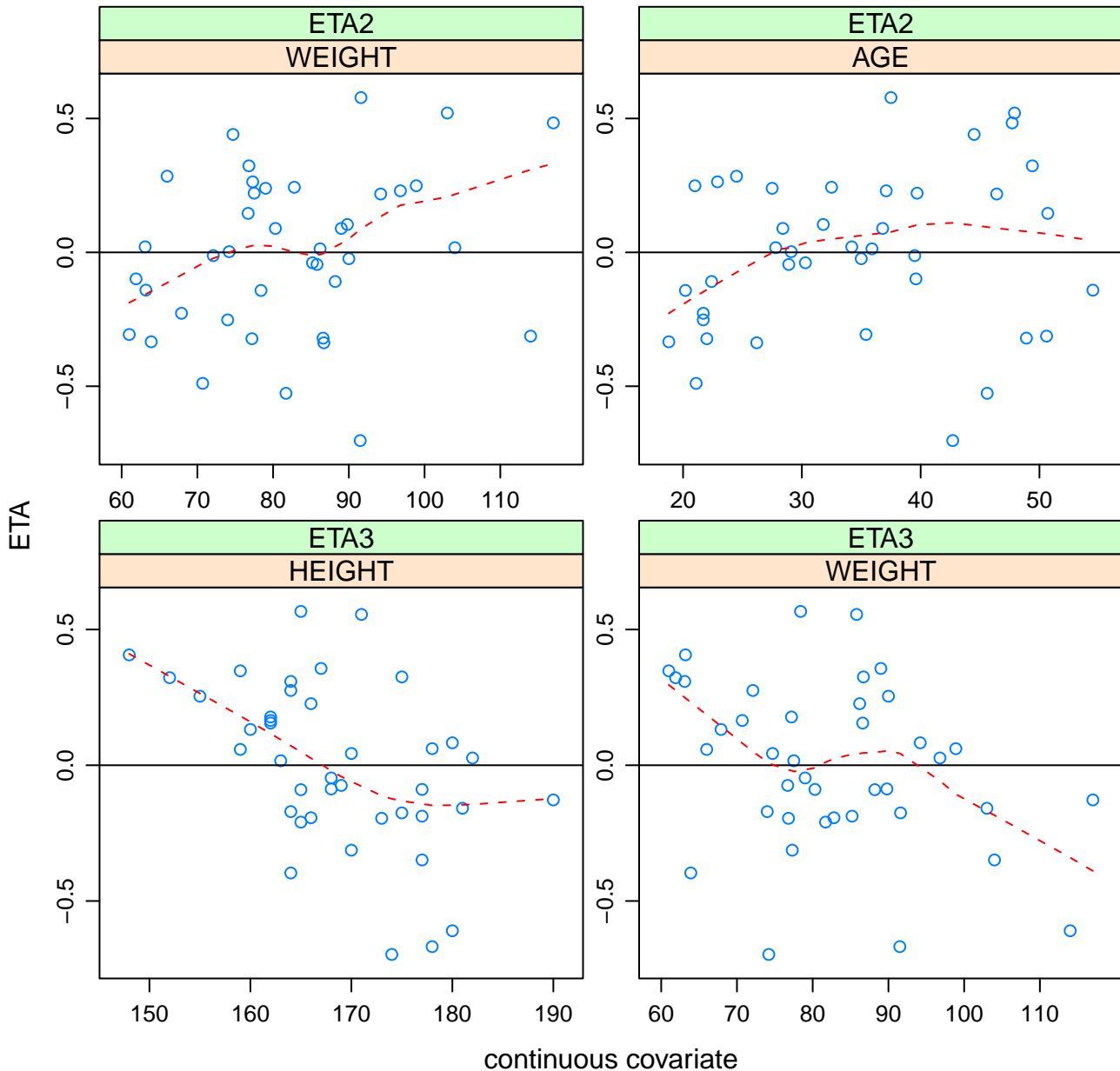
# Boxplots of Etas by Categorical Covariate



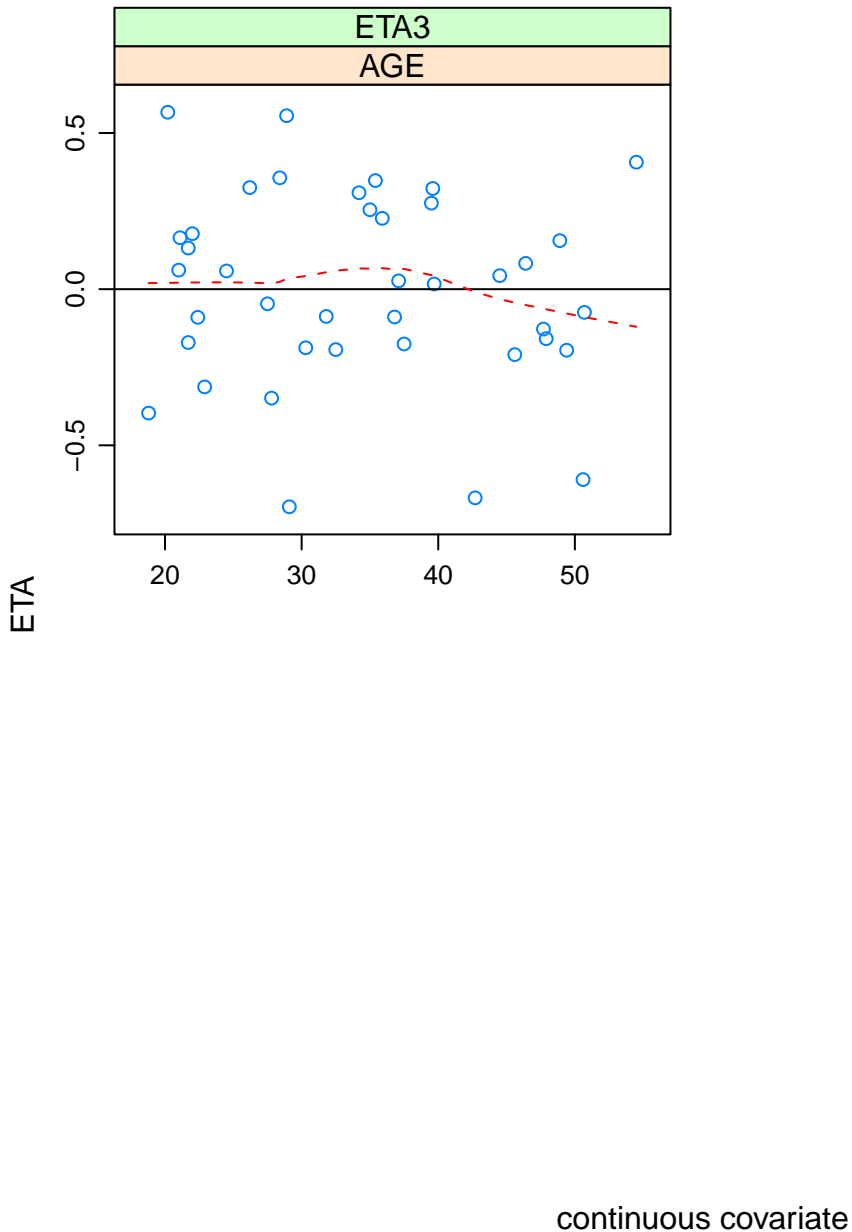
# Etas vs. Continuous Covariates



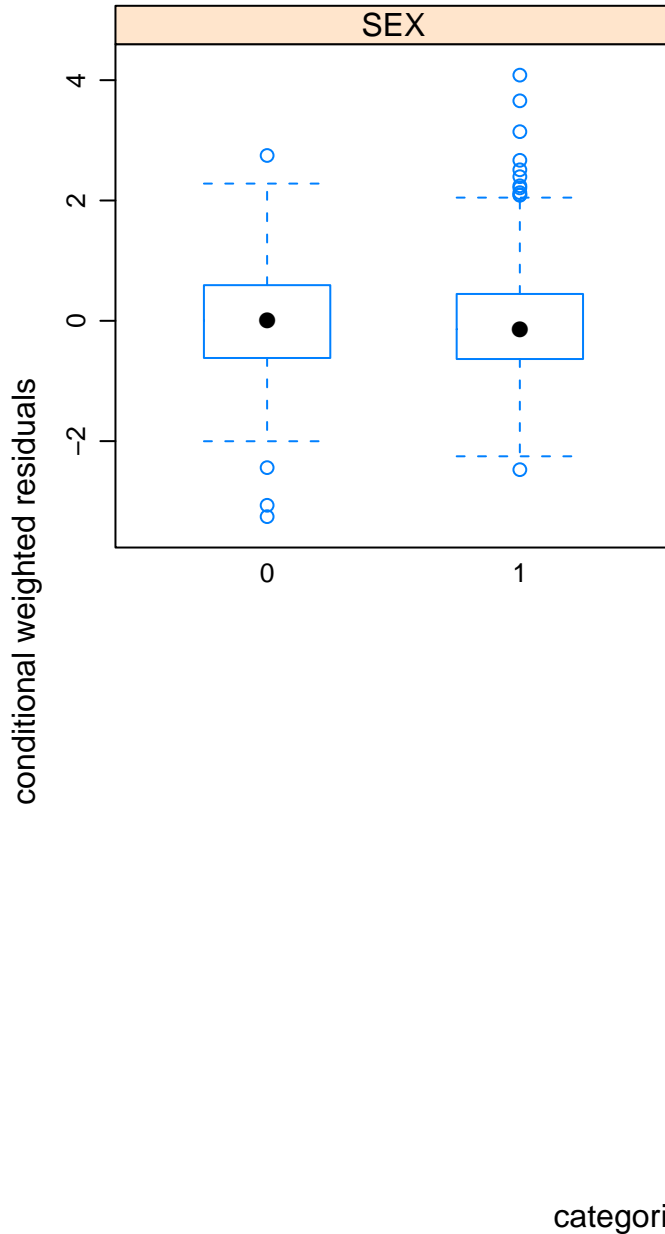
# Etas vs. Continuous Covariates



# Etas vs. Continuous Covariates

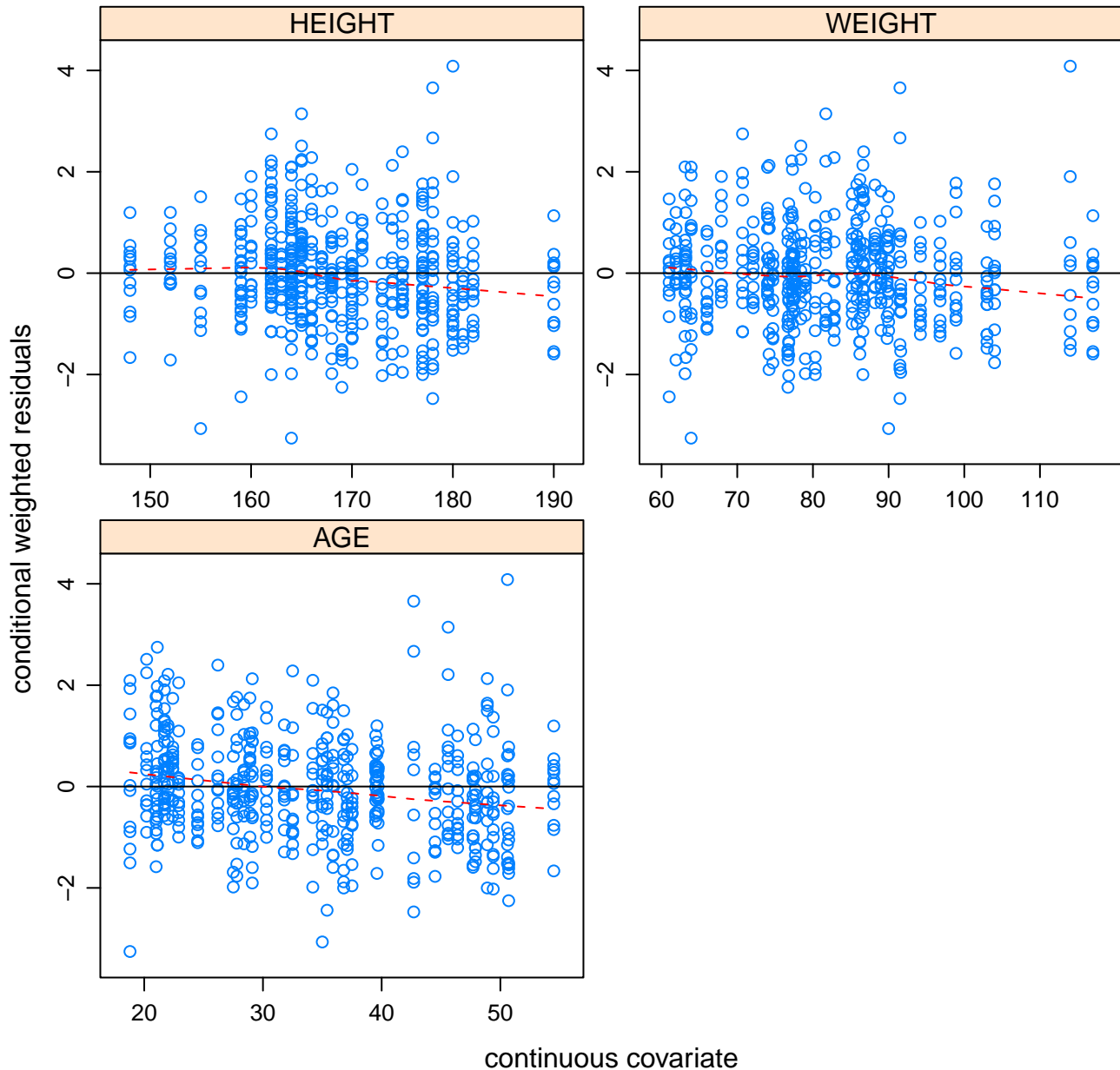


# CWRES vs. Categorical Covariates

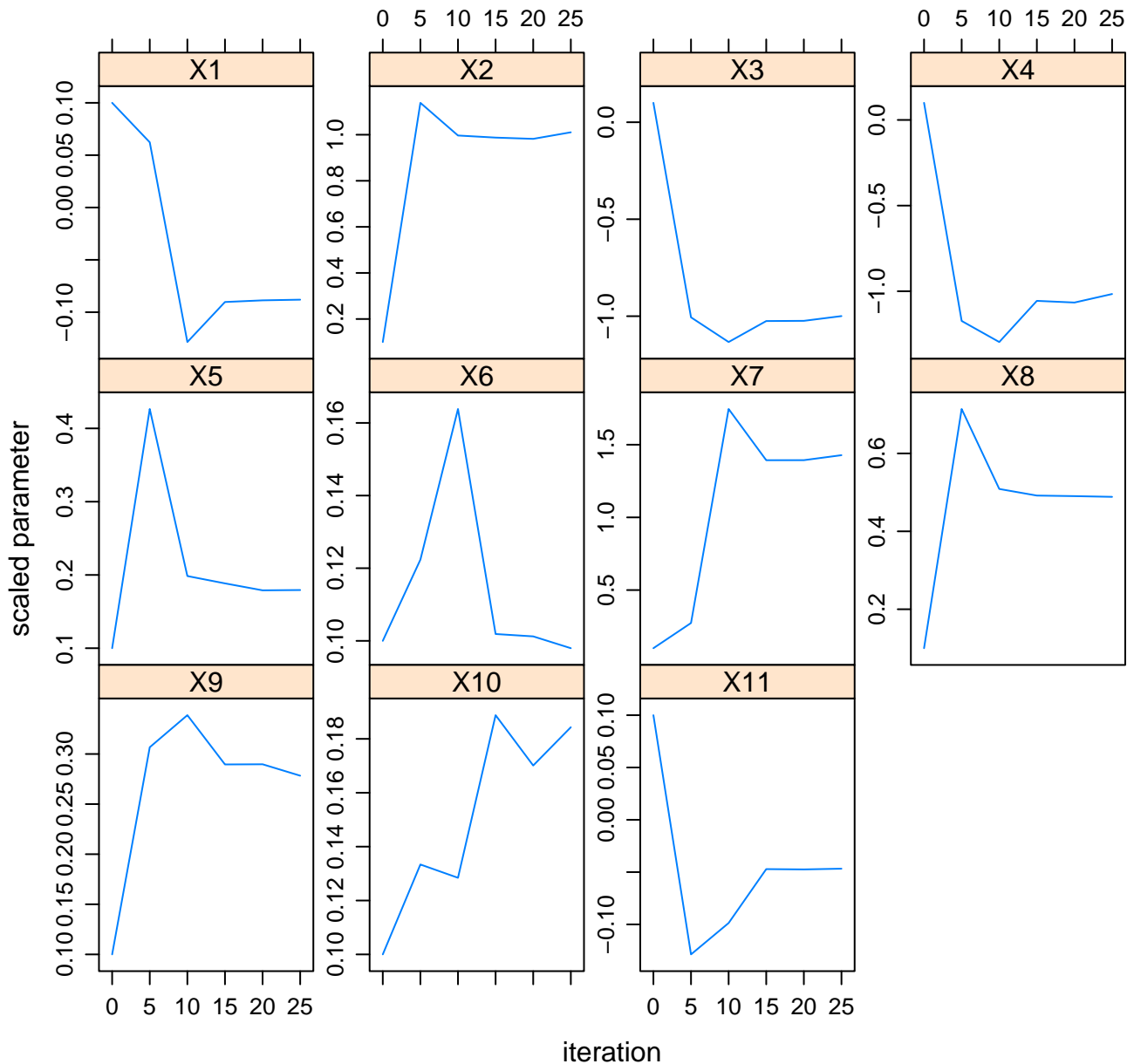




# CWRES vs. Continuous Covariates



# Model 1005 parameter search



# Model 1005 gradient search

