Model 1005
Observed vs. Predicted for all data
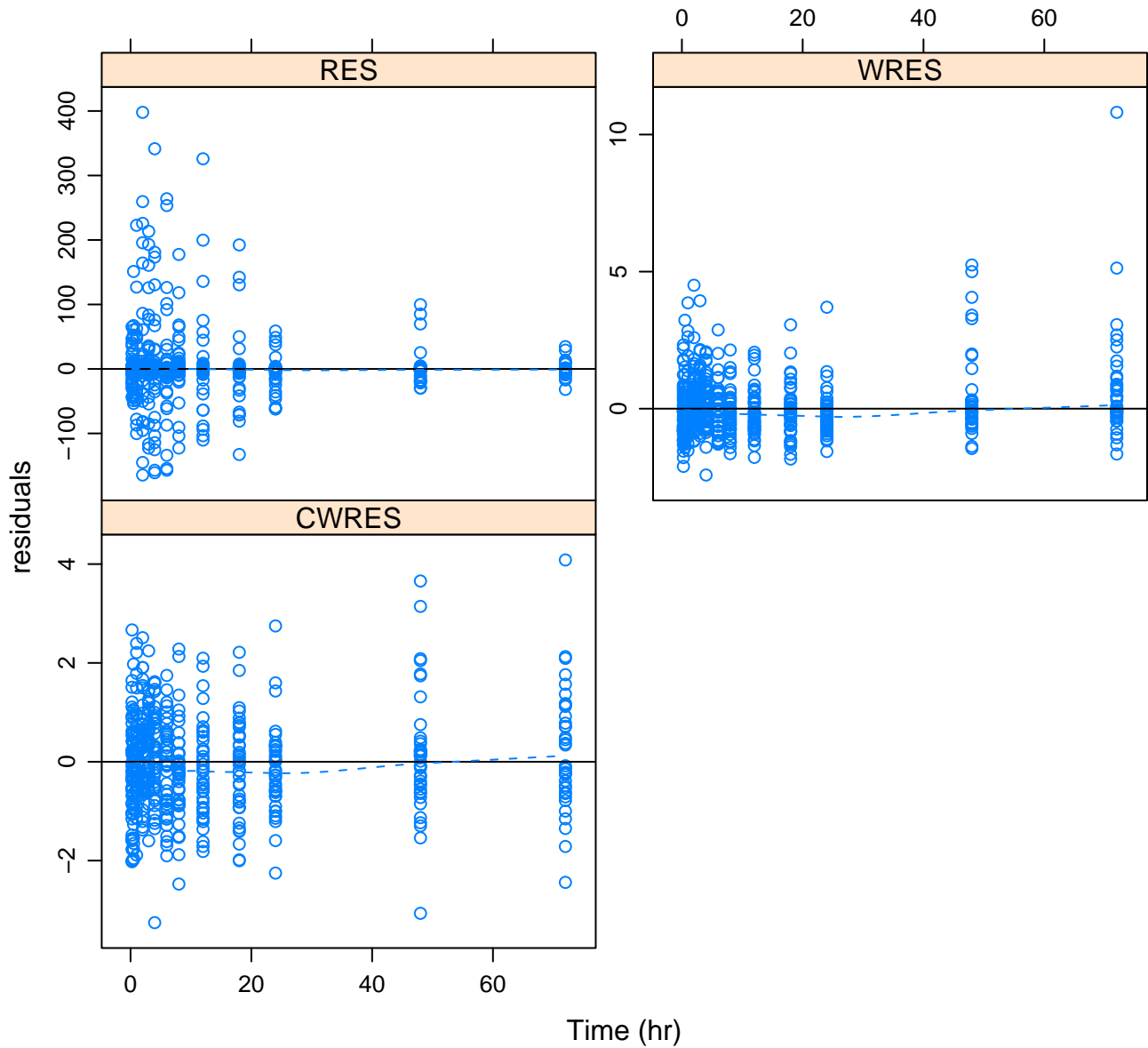
Observed

Predicted

population   individual

Model 1005
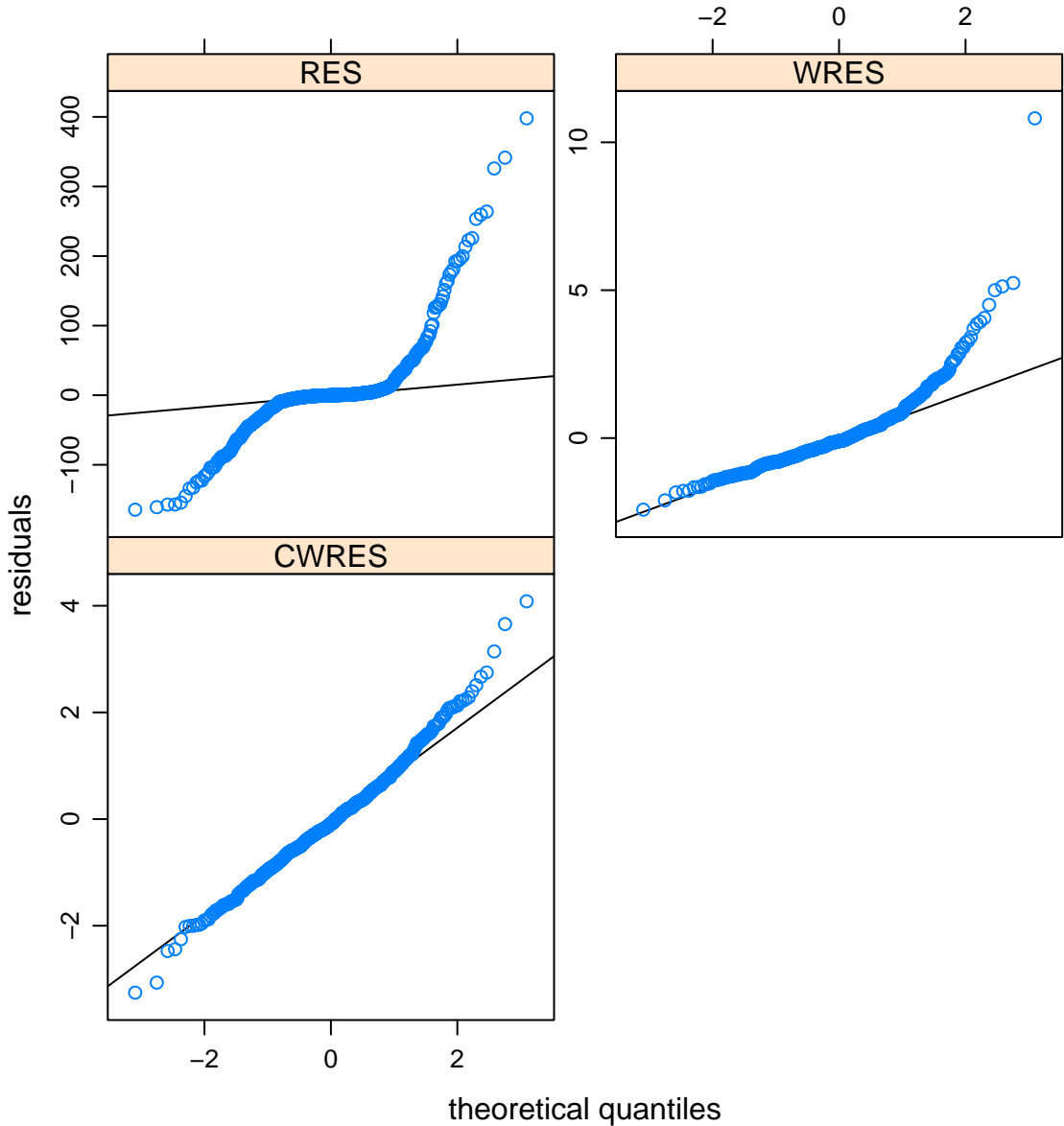**Residuals vs. Predicted for all data**

Model 1005
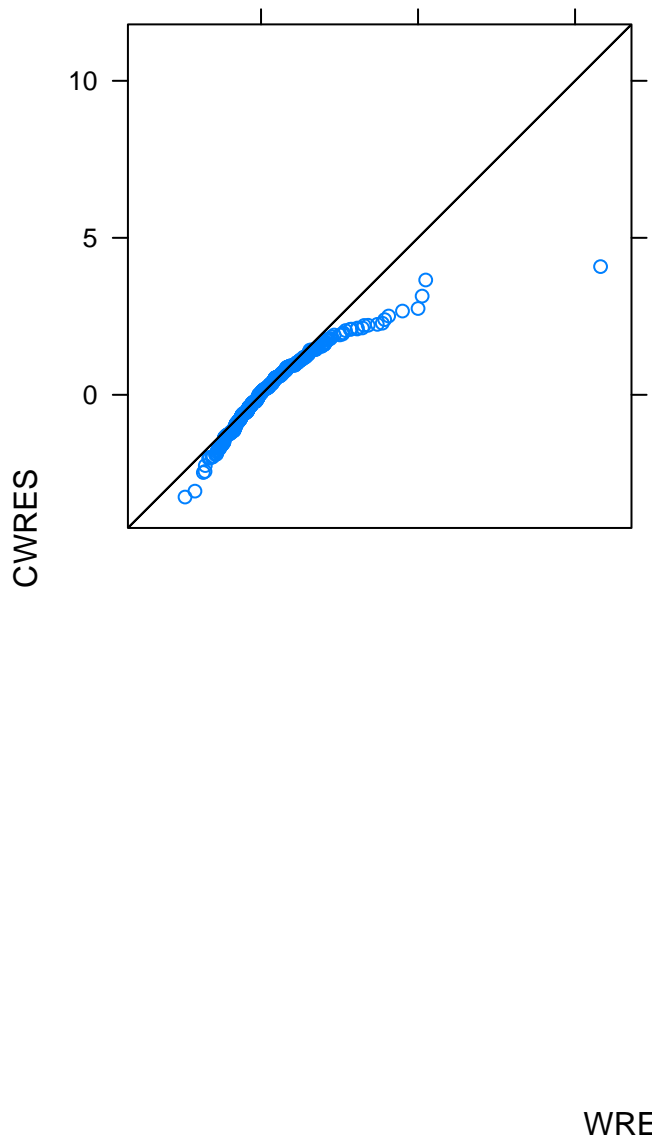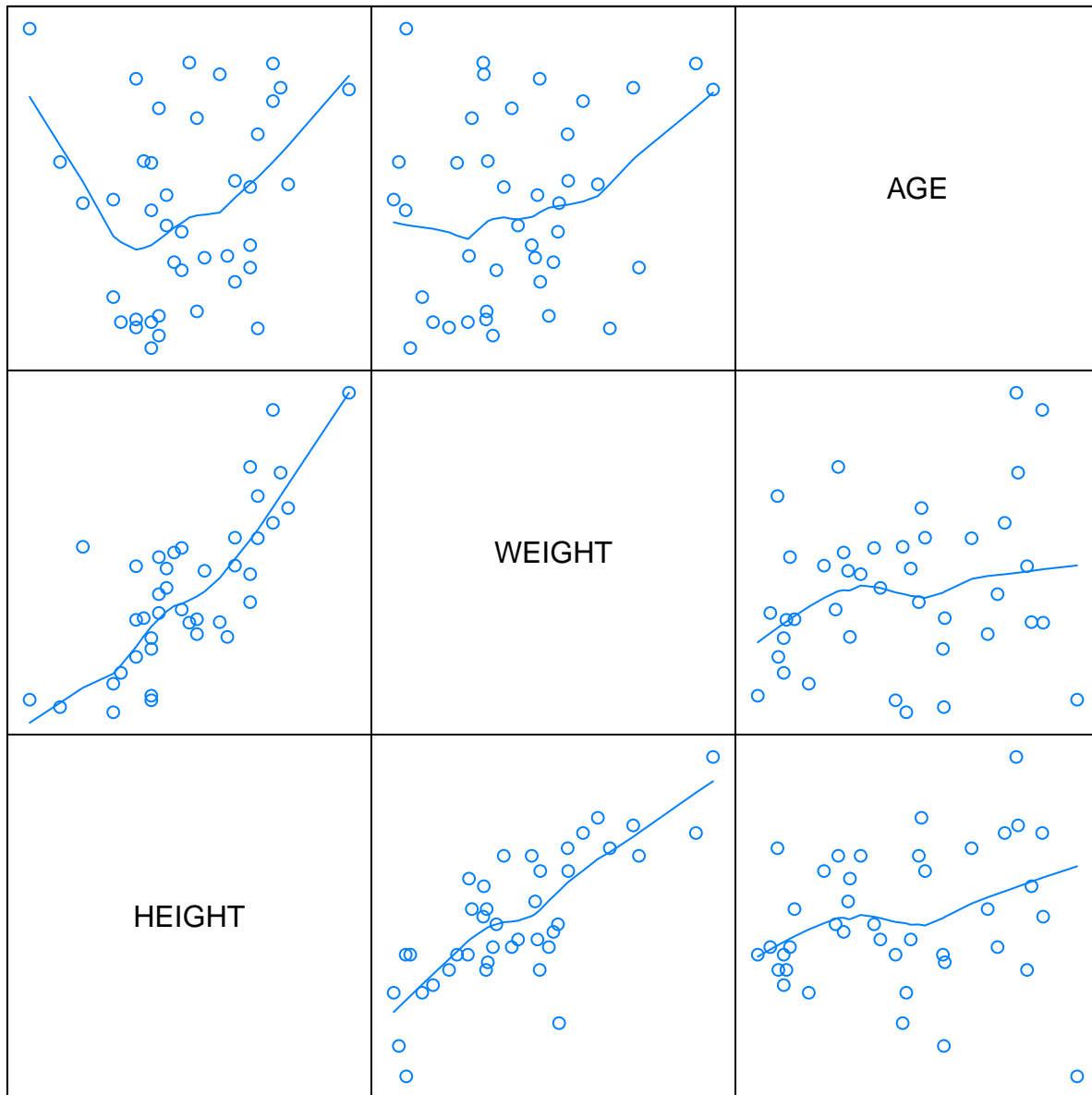**Residuals vs. Time for all data**

Model 1005
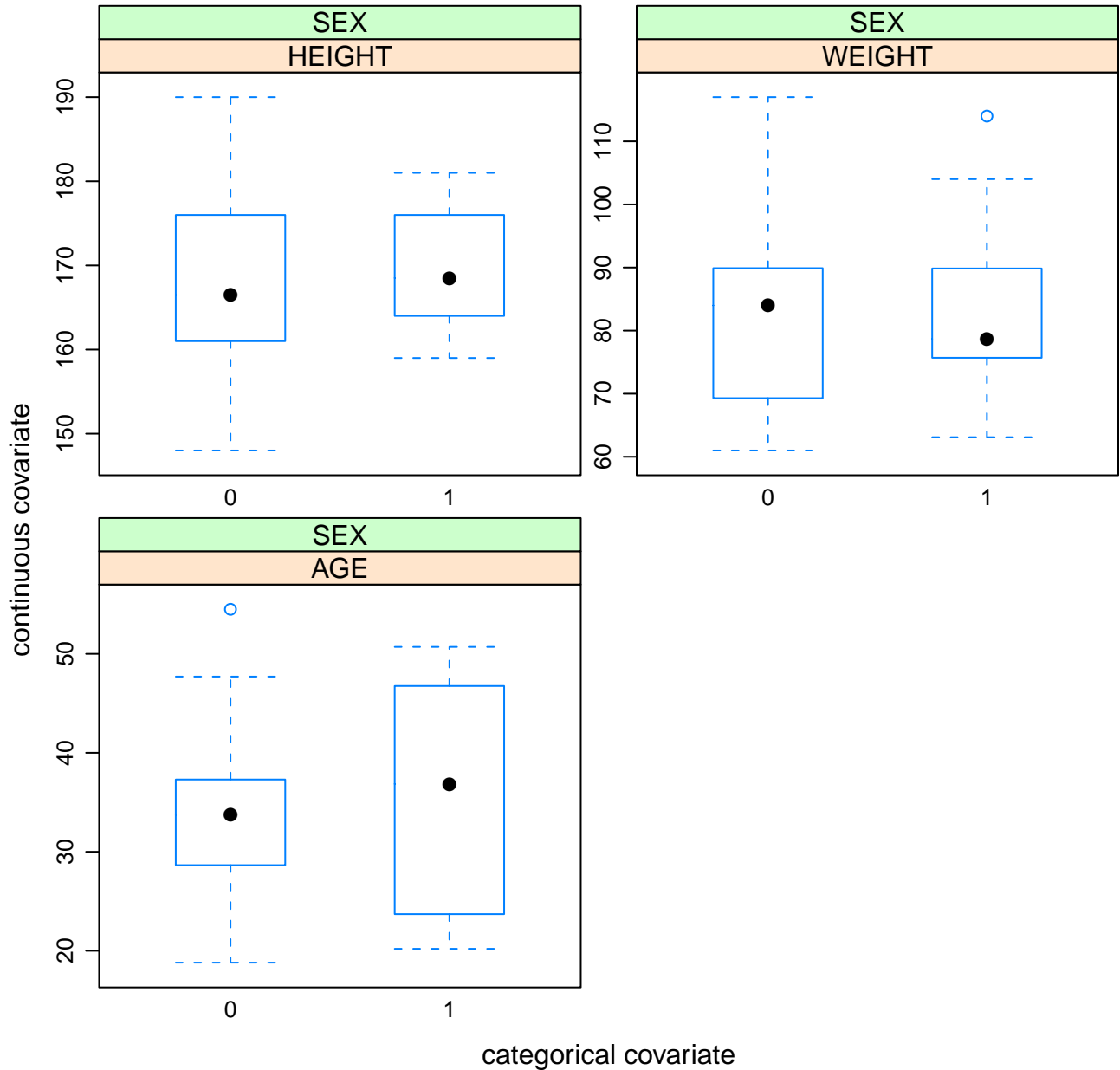**Normal Q–Q Plot Residuals for all data**

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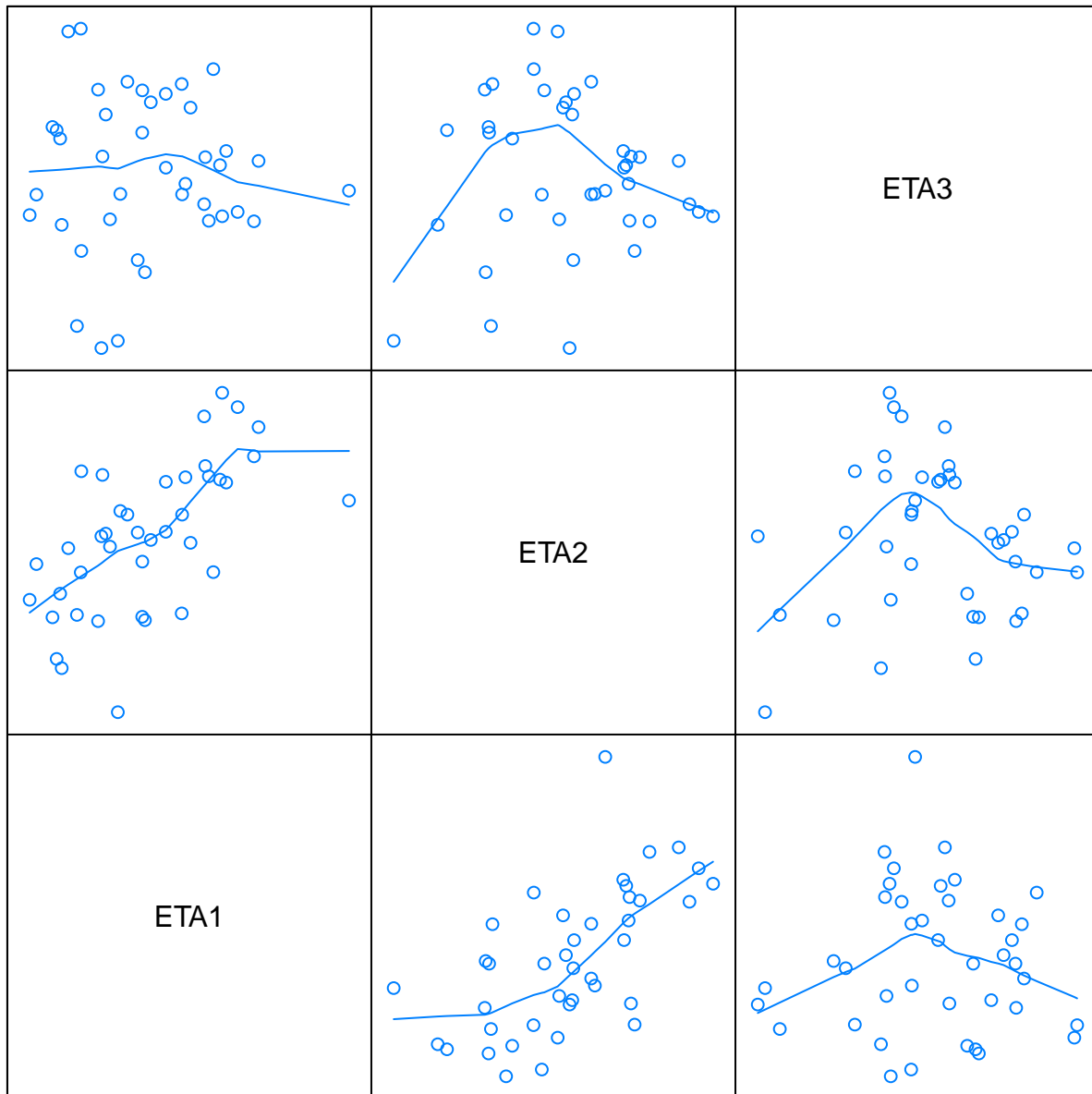**Q–Q Plot of CWRES vs. WRES for all data**

Covariate Scatterplots

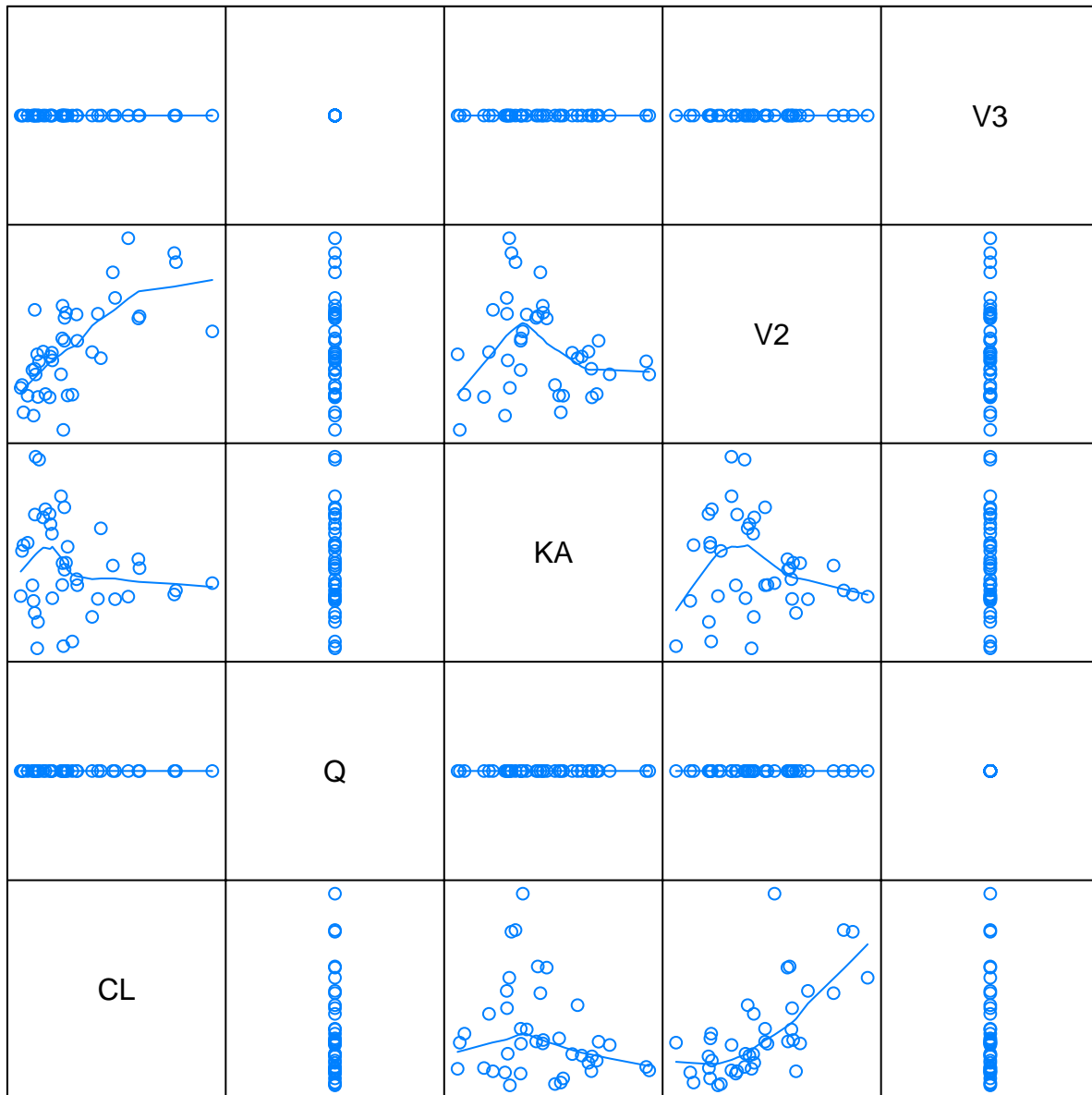**Continuous Covariates vs. Categorical Covariates**

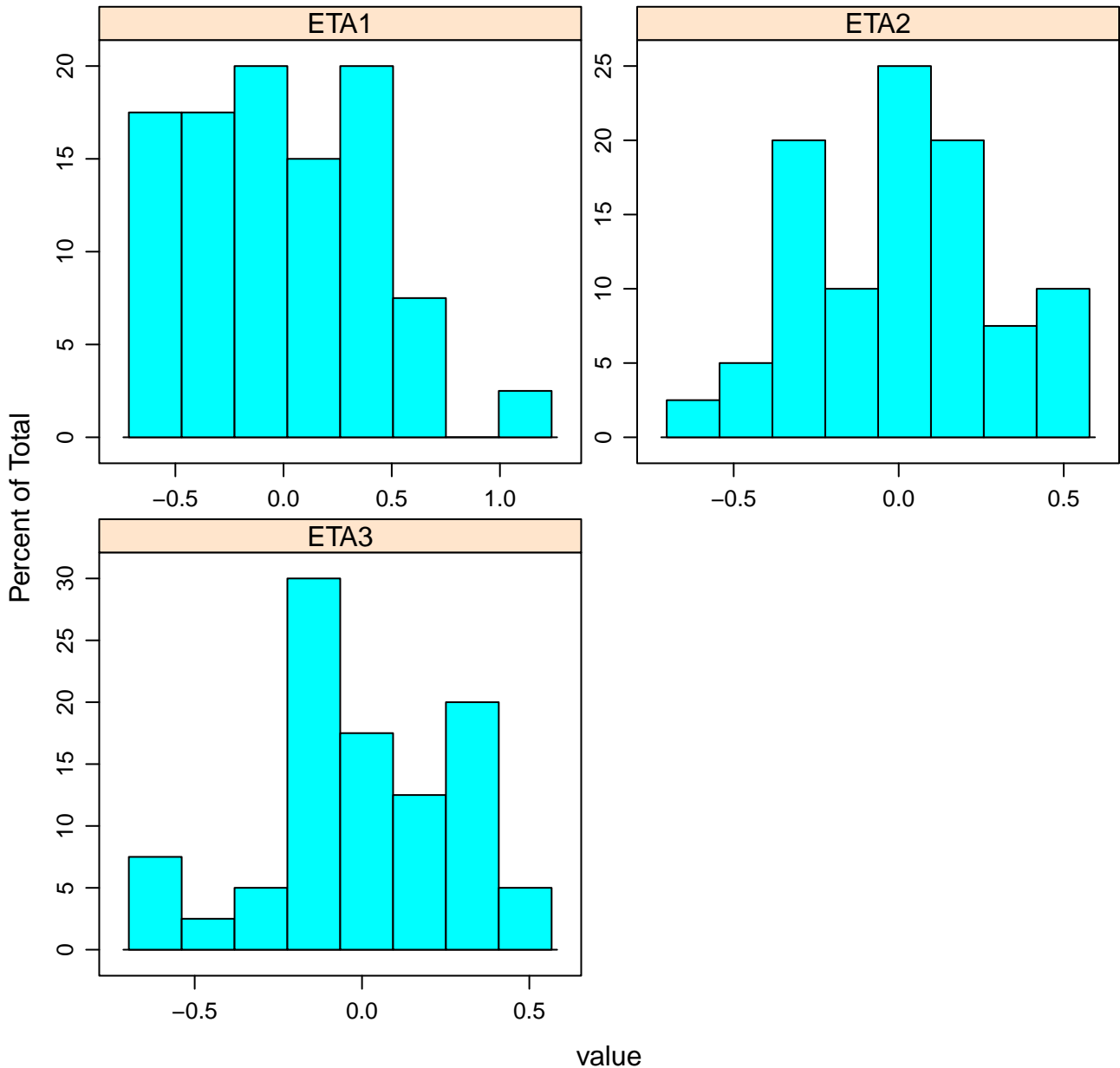continuous covariate

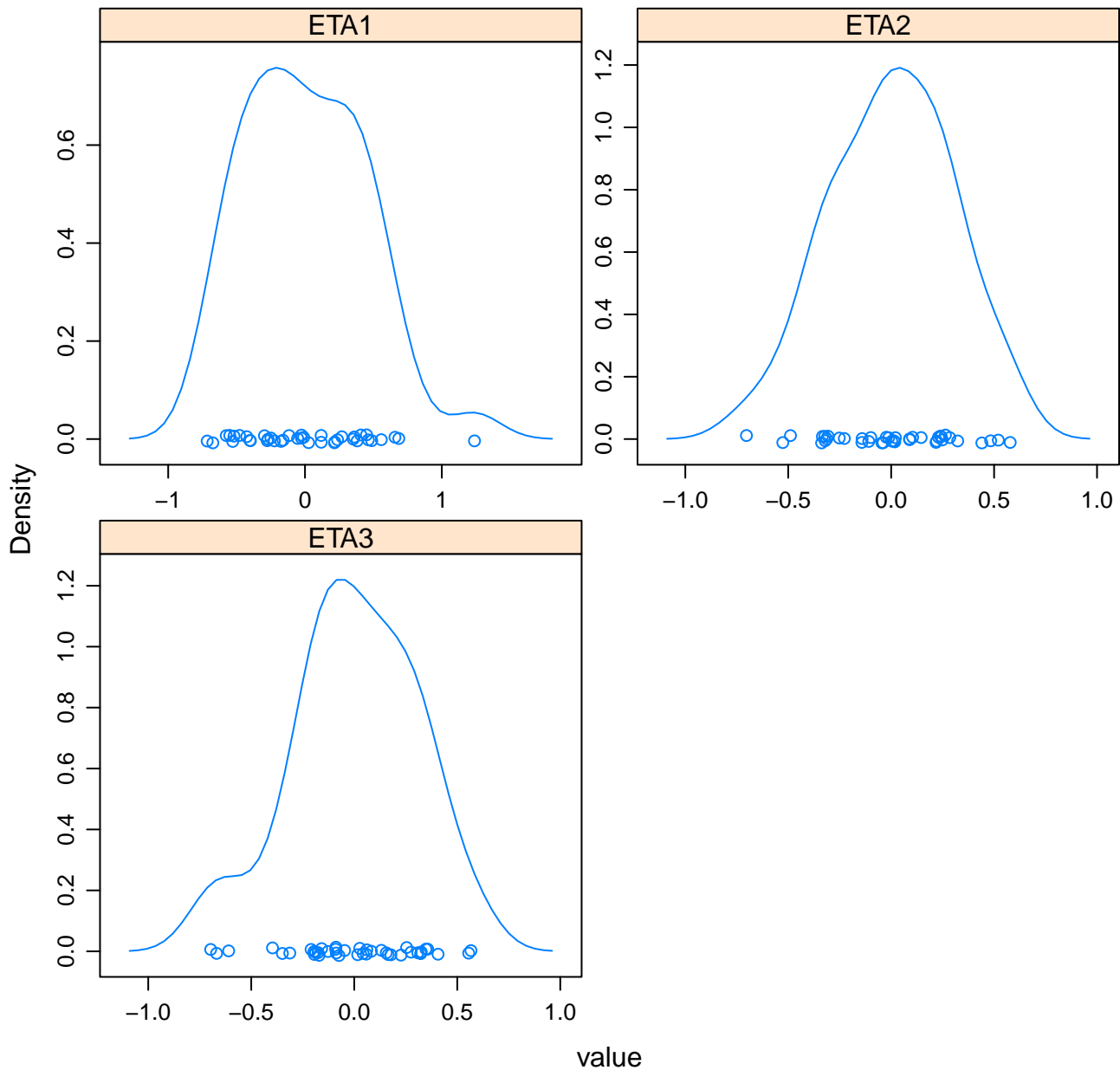categorical covariate

ETA Scatterplots
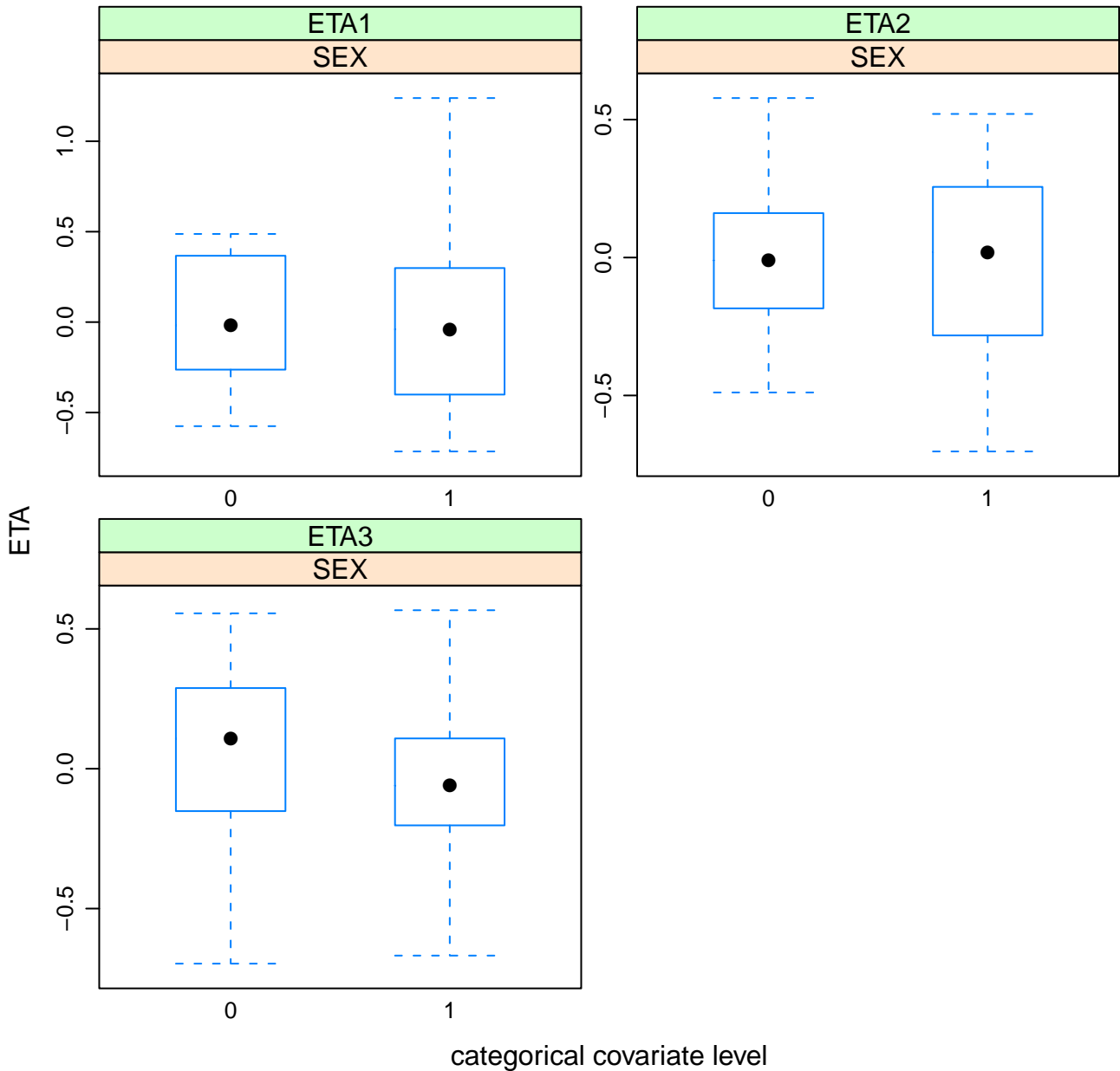
Parameter Scatterplots
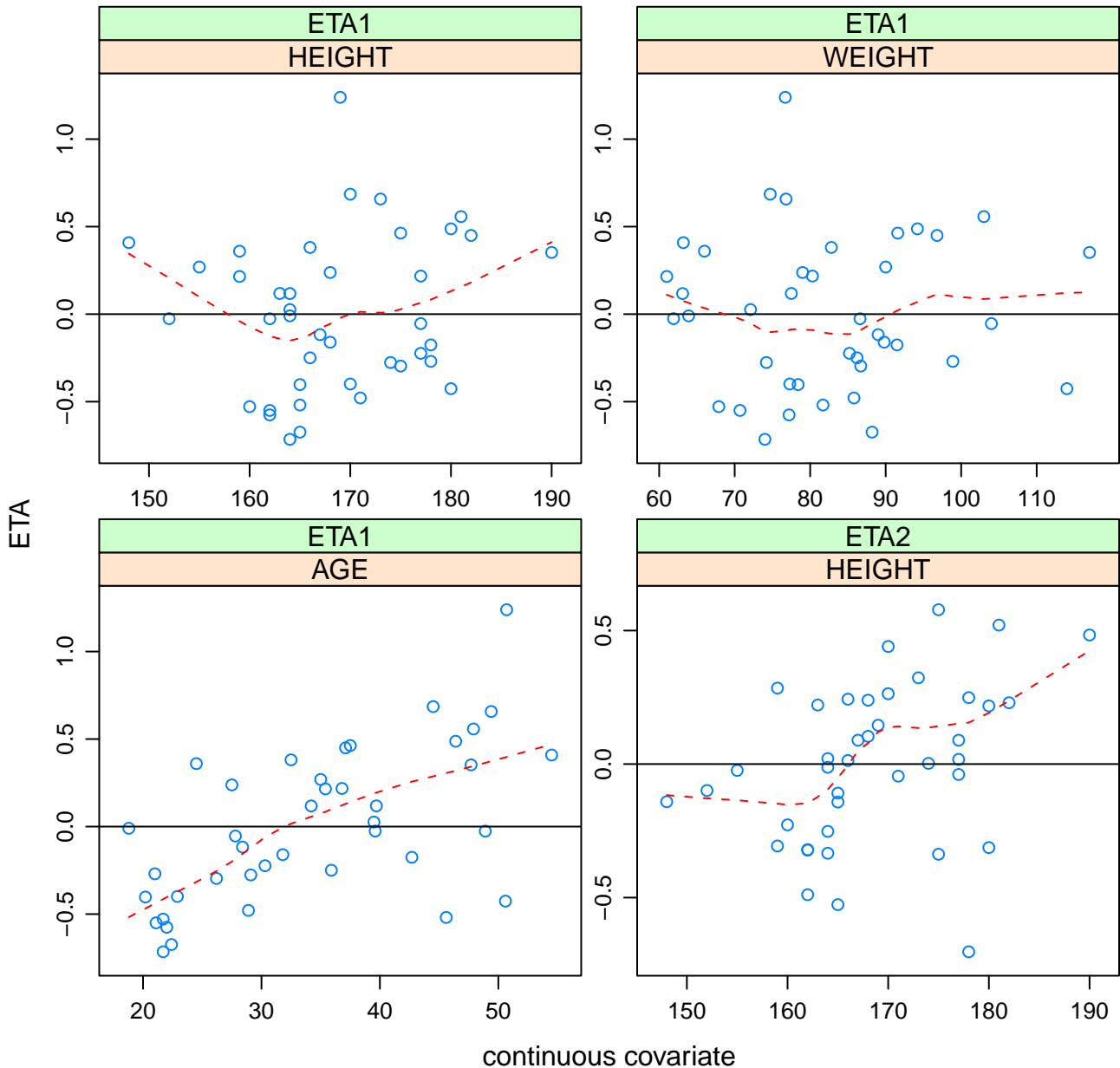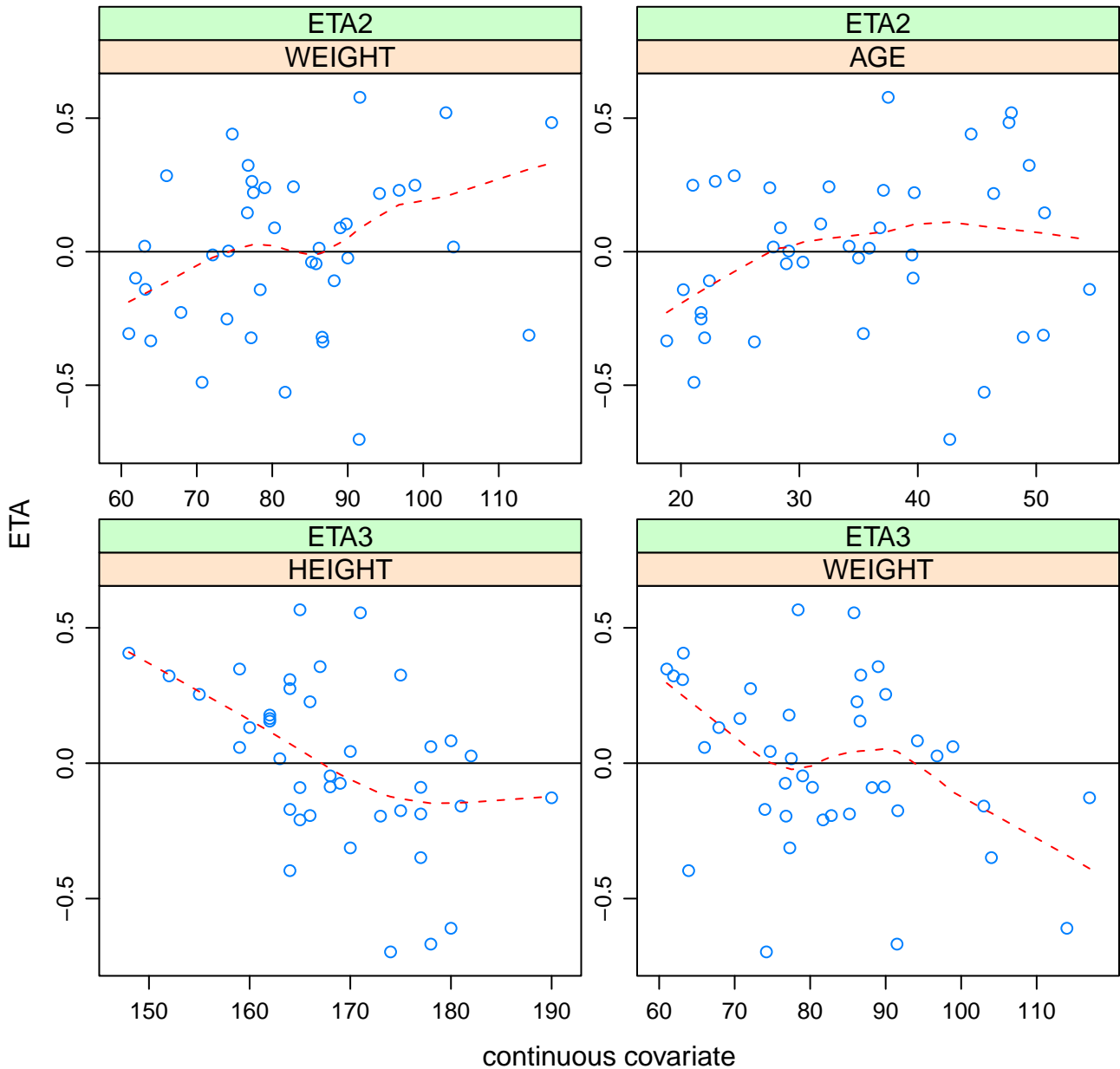
Histograms of Etas

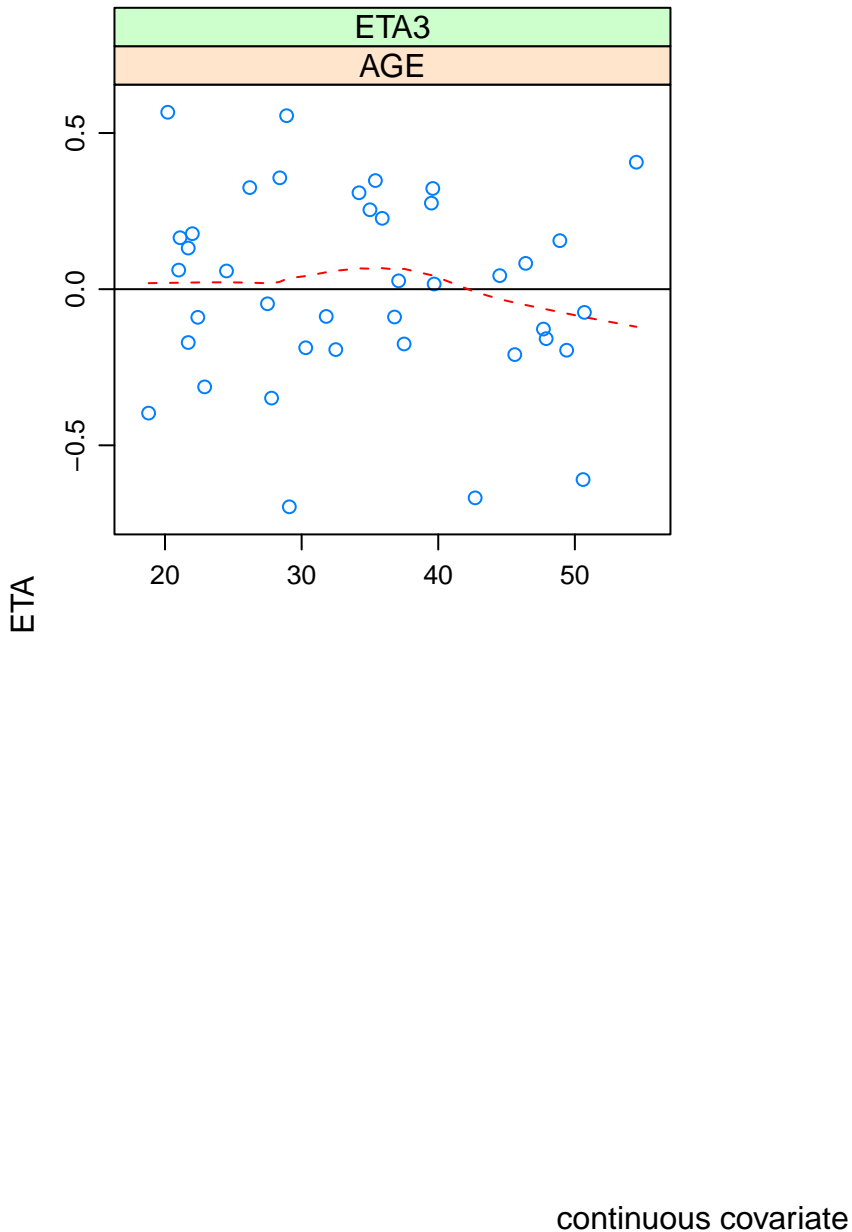Density of Etas

Boxplots of Etas by Categorical Covariate
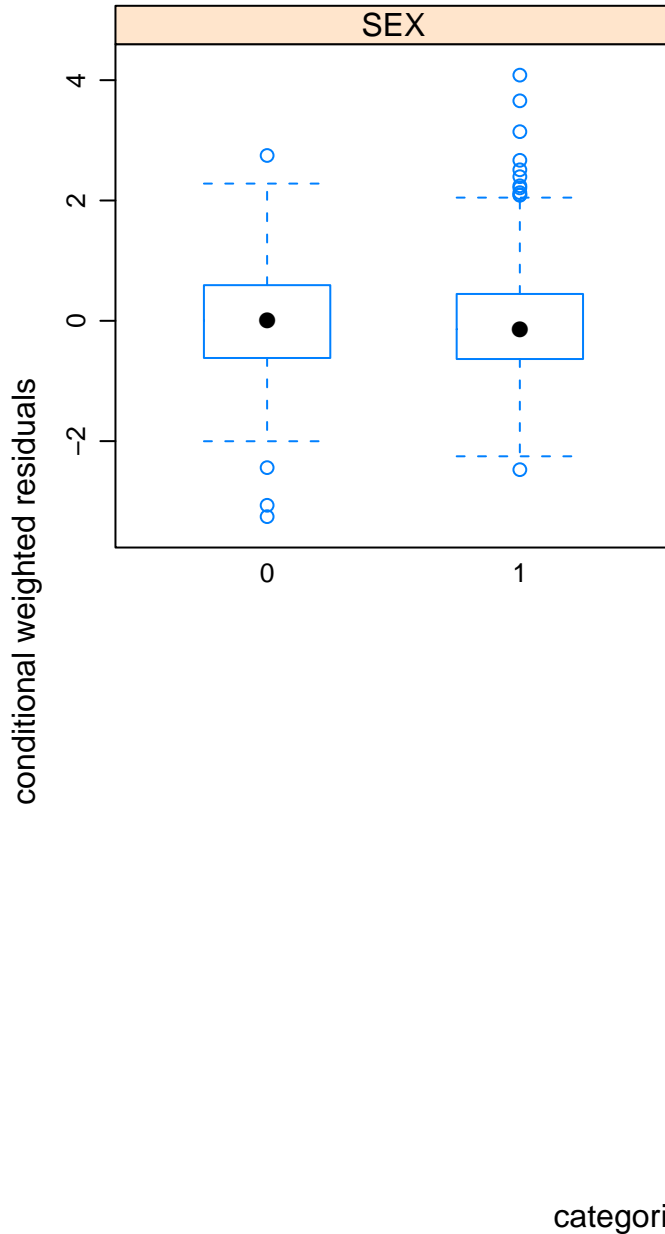
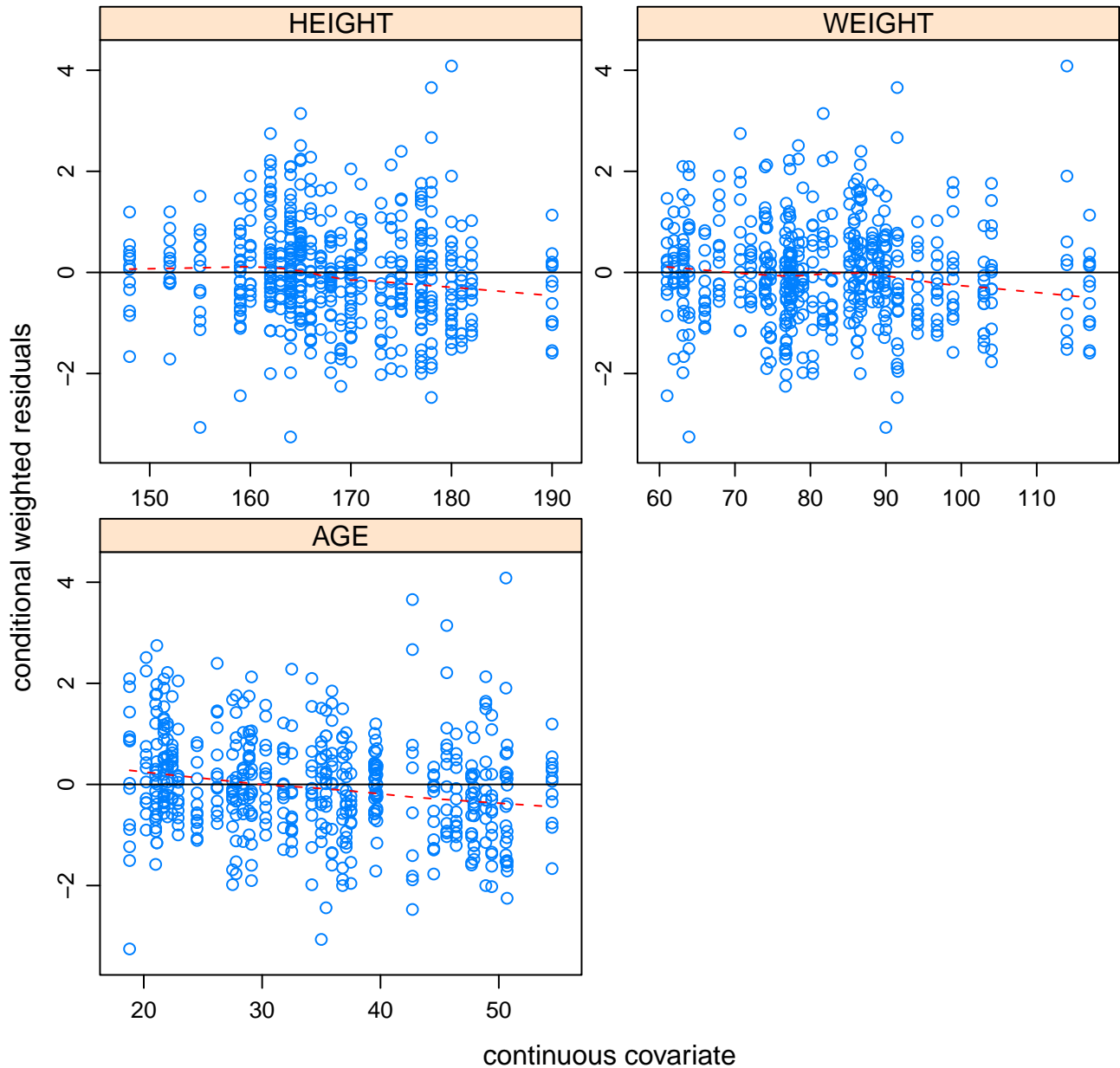Etas vs. Continuous Covariates

Etas vs. Continuous Covariates
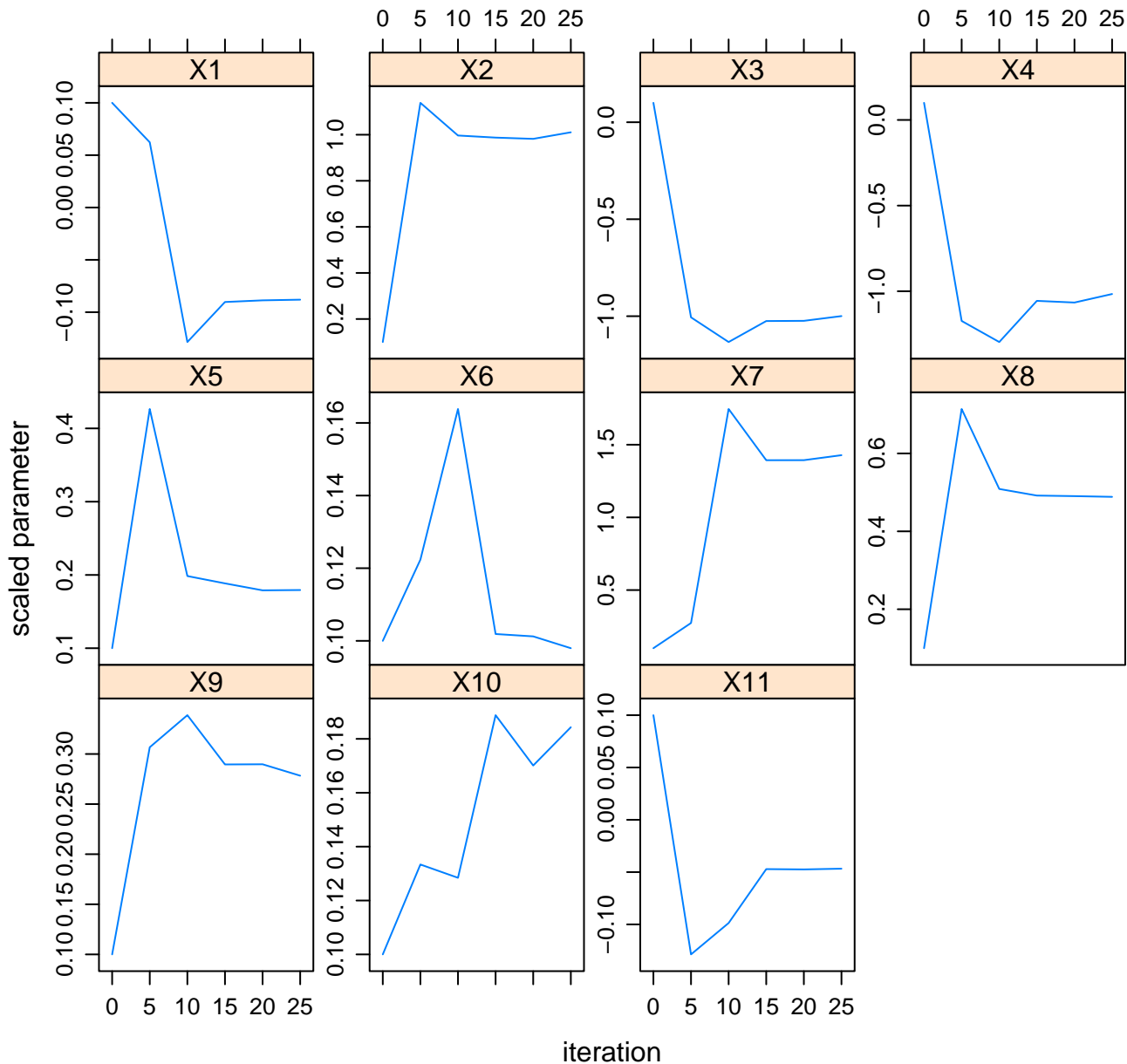
Etas vs. Continuous Covariates

ETA3

AGE

ETA

continuous covariate

CWRES vs. Categorical Covariates

SEX

conditional weighted residuals

categorical Covariate

CWRES vs. Continuous Covariates

Model 1005 parameter search

Model 1005 gradient search