Model 1001
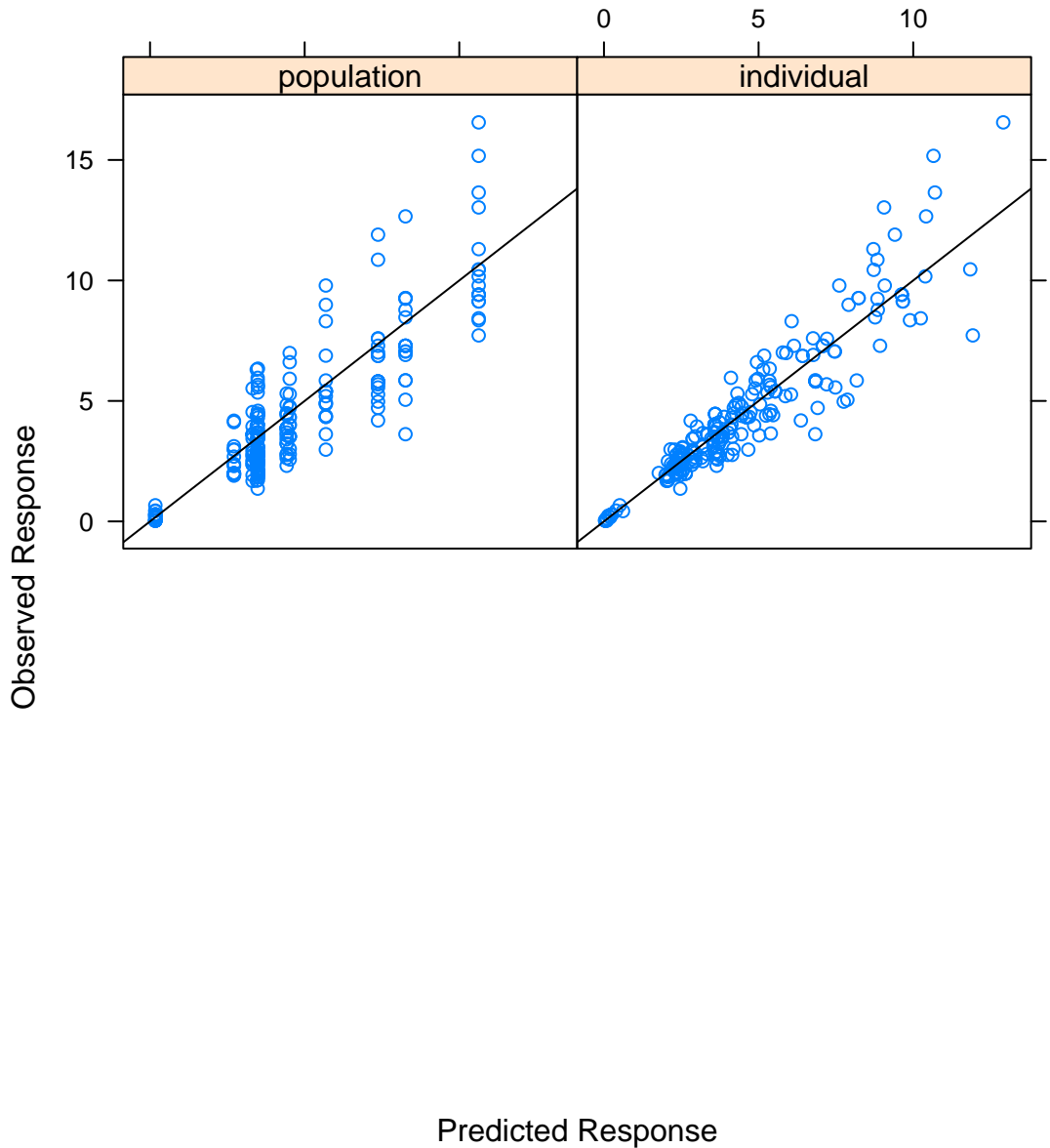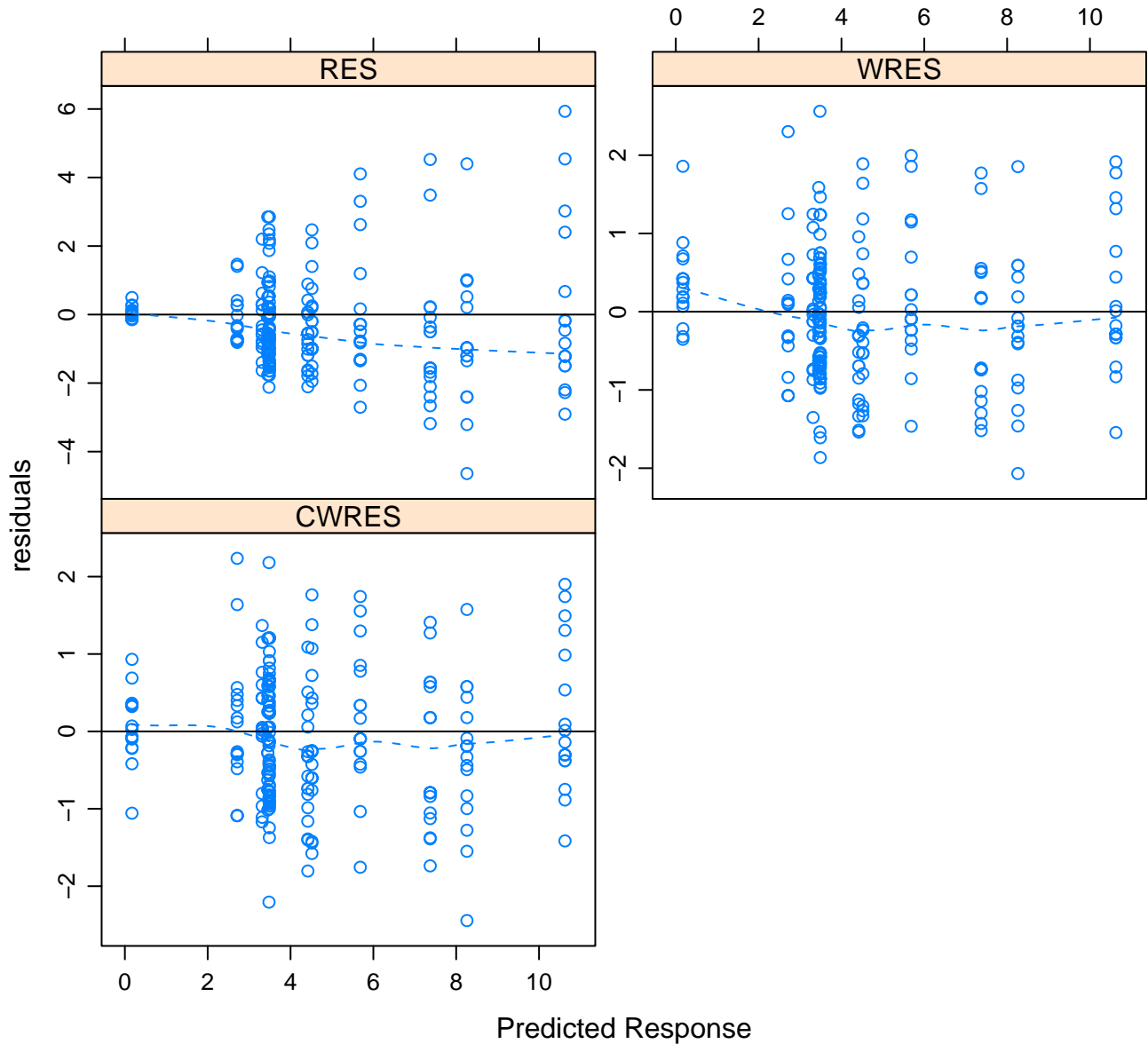**Observed vs. Predicted for female data**
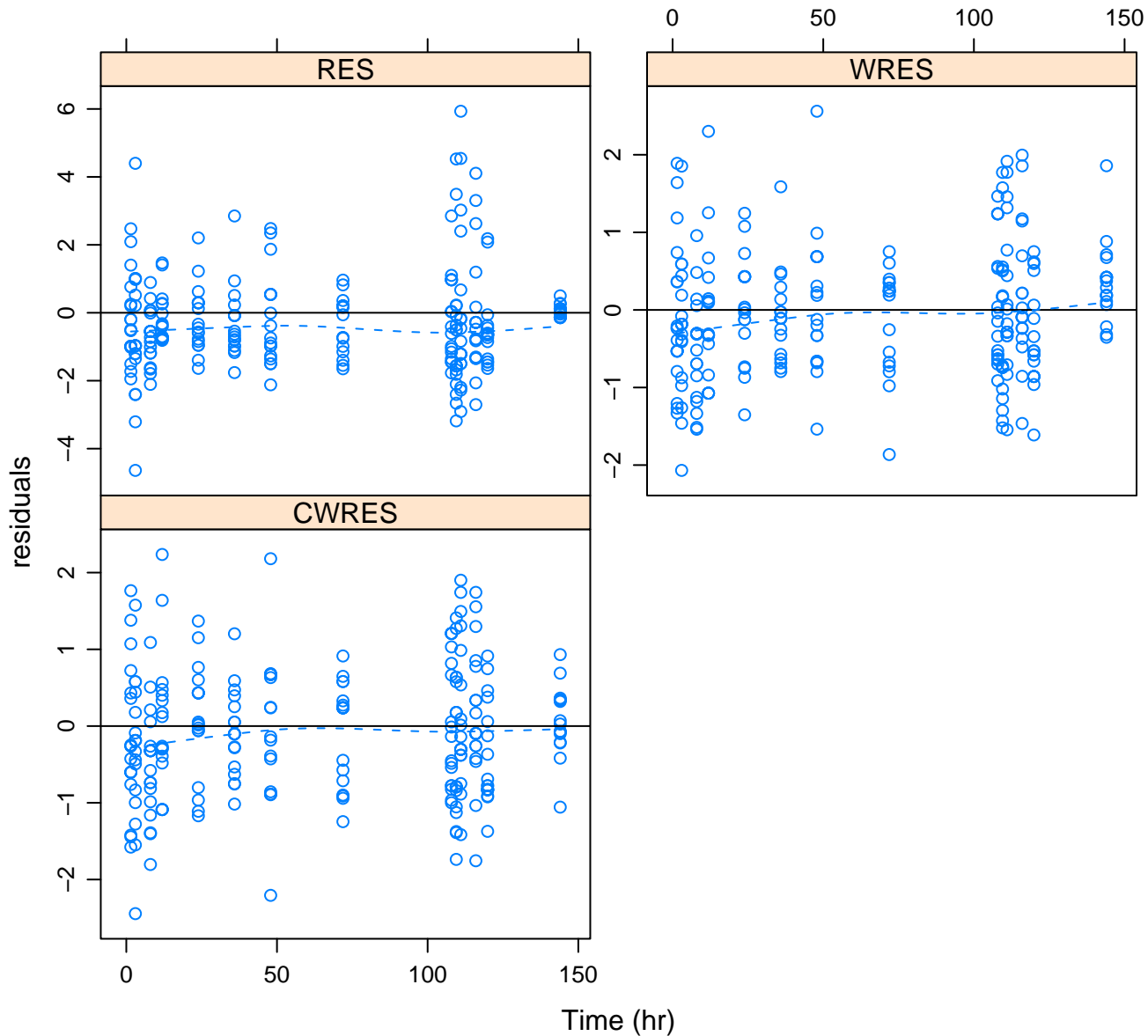
Model 1001
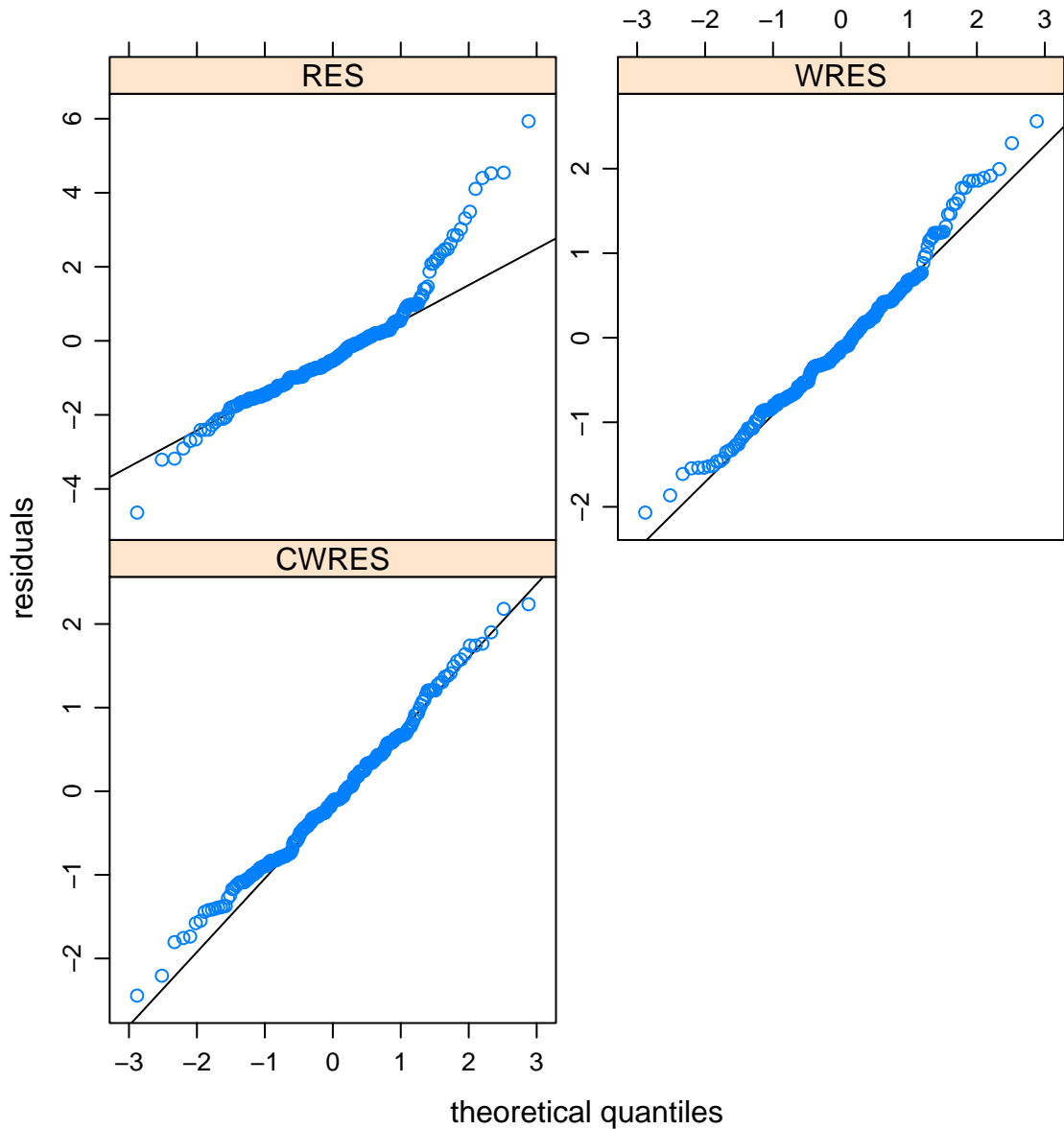**Residuals vs. Predicted for female data**

Model 1001
Residuals vs. Time for female data

Model 1001
Normal Q–Q Plot Residuals for female data

Model 1001
Q–Q Plot of CWRES vs. WRES for female data

CWRES

WRES

Model 1001
Observed vs. Predicted for male data

Model 1001
Residuals vs. Predicted for male data

Model 1001
Residuals vs. Time for male data

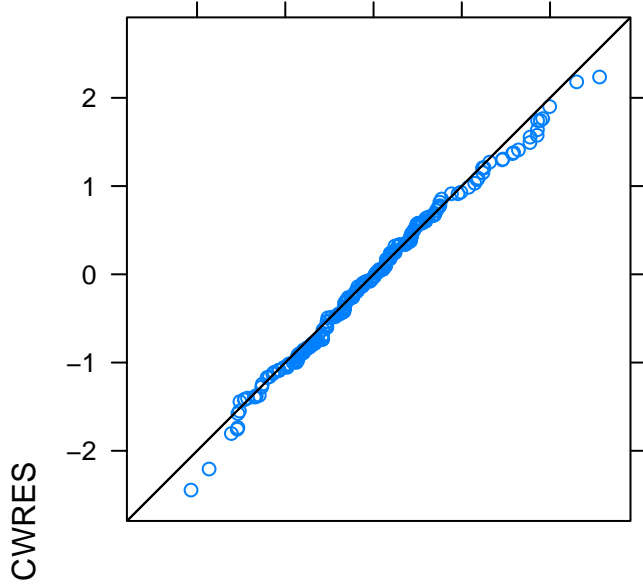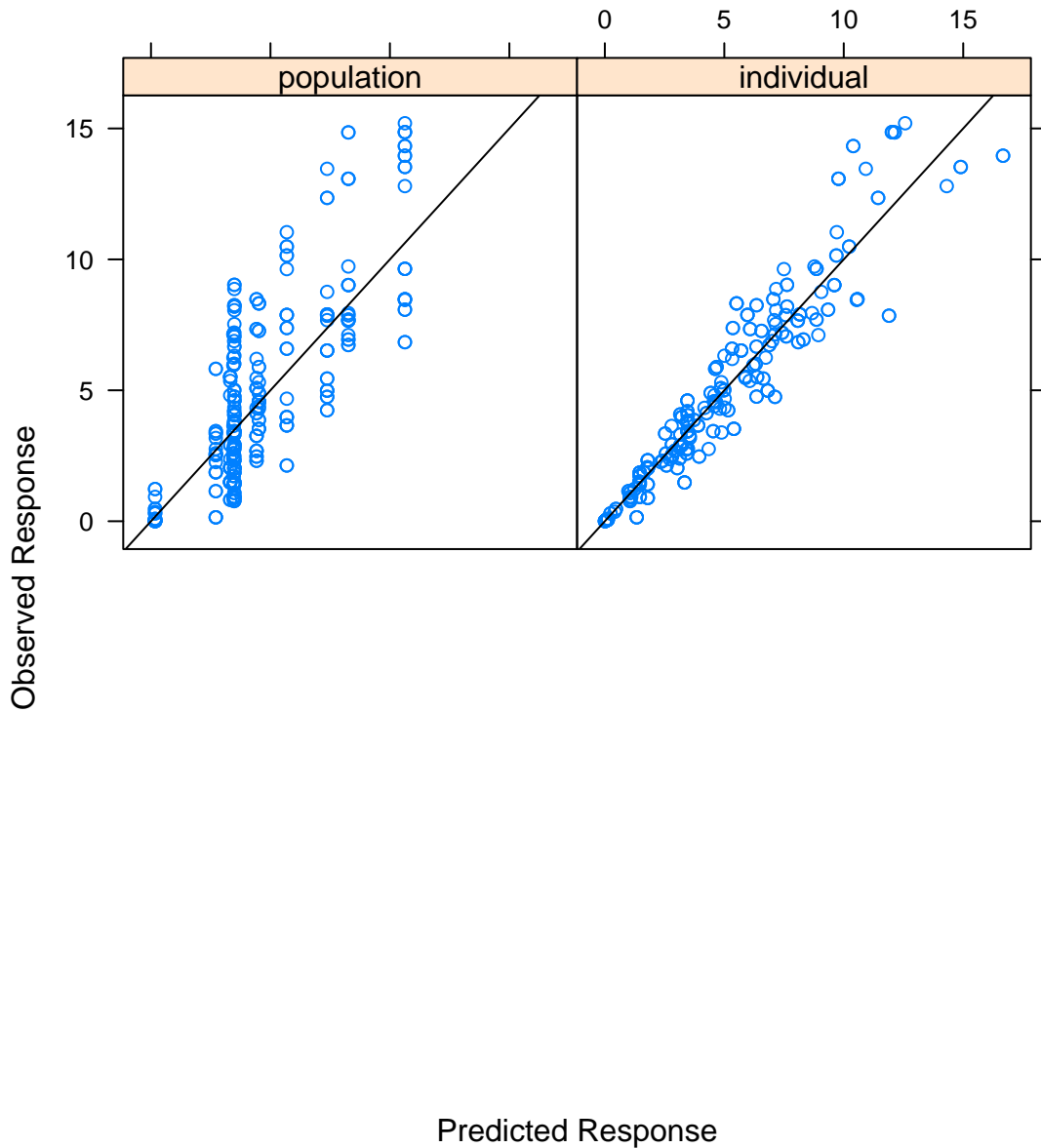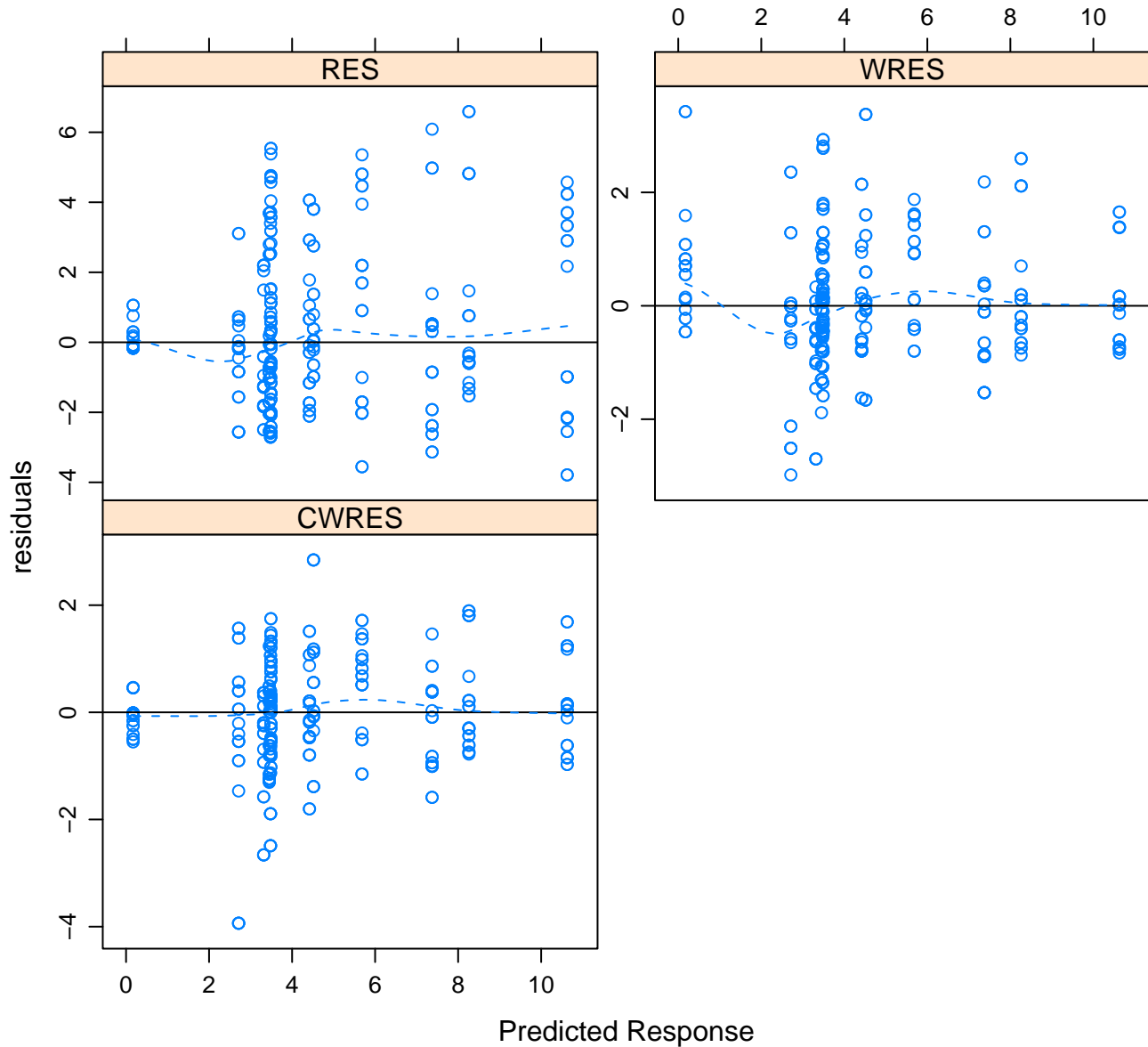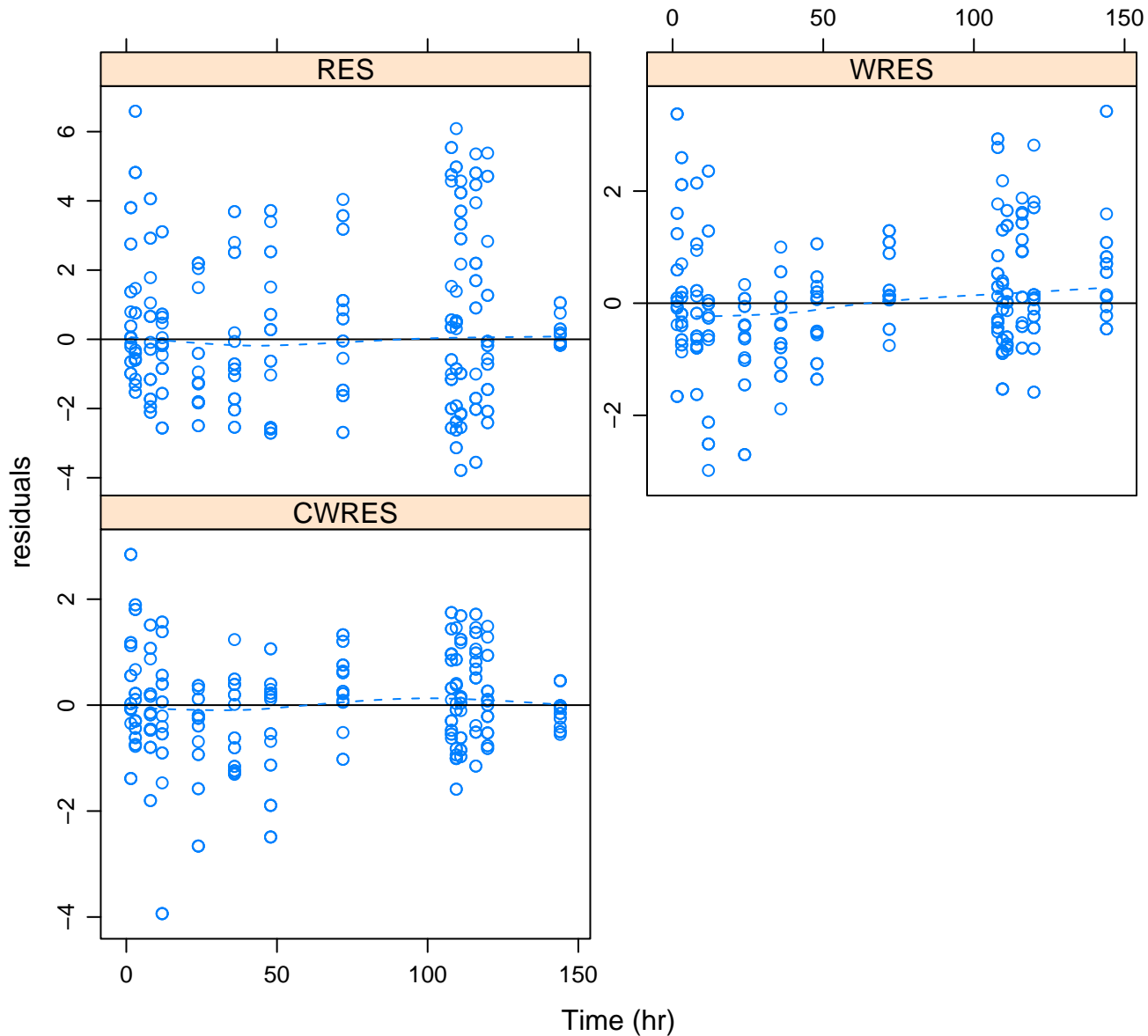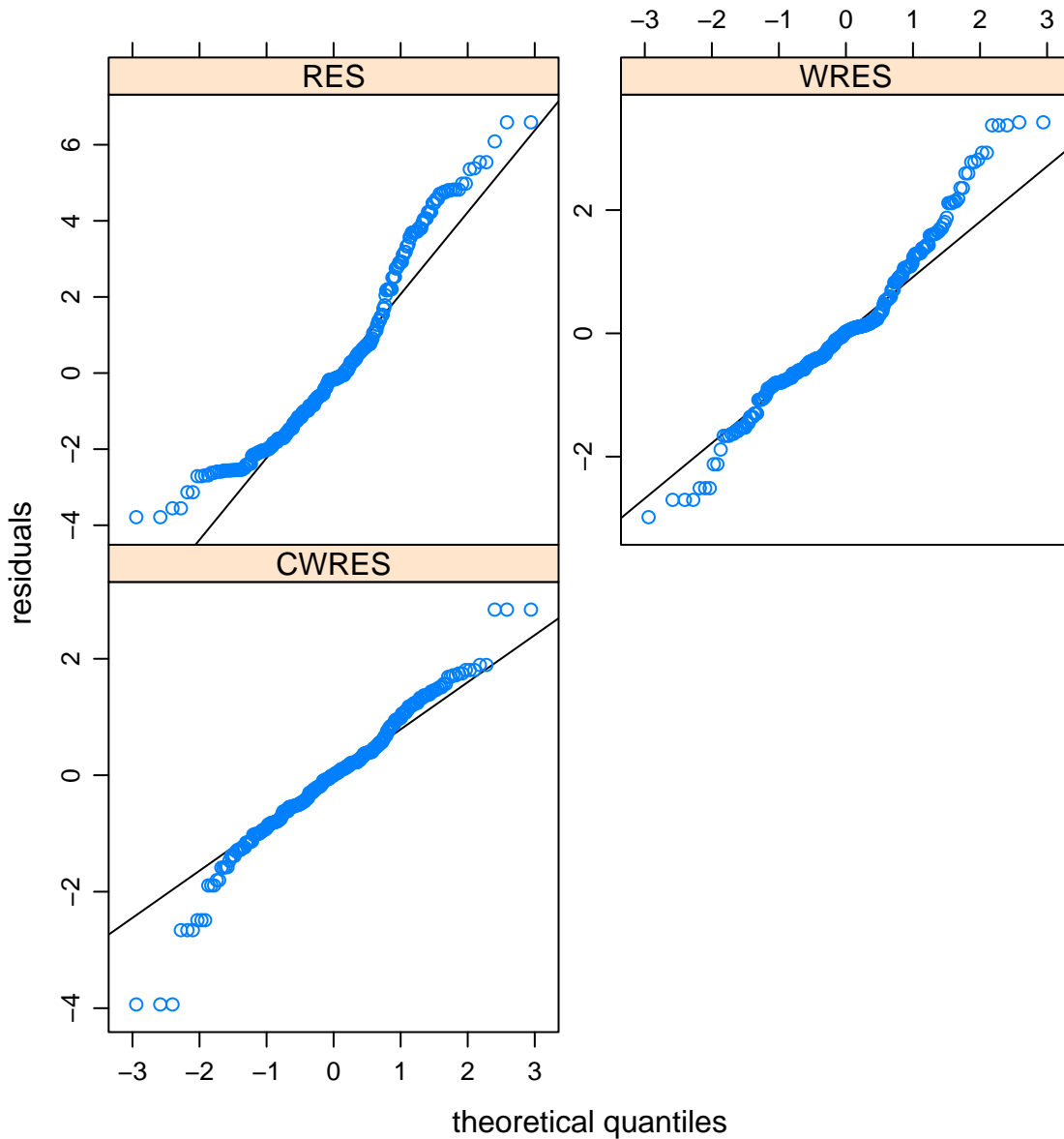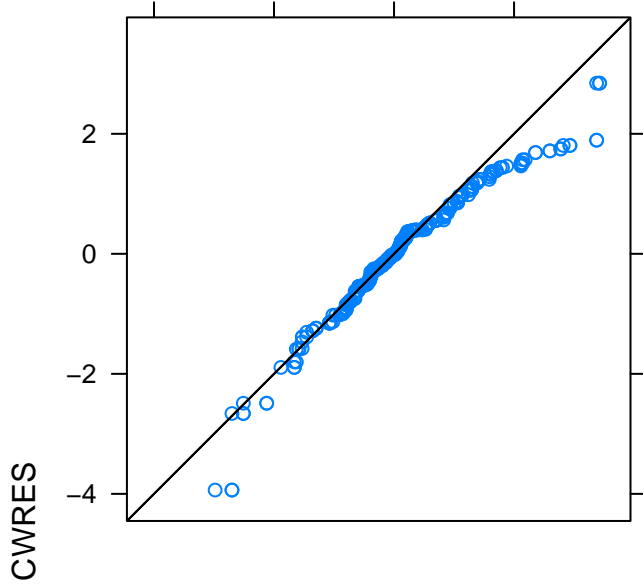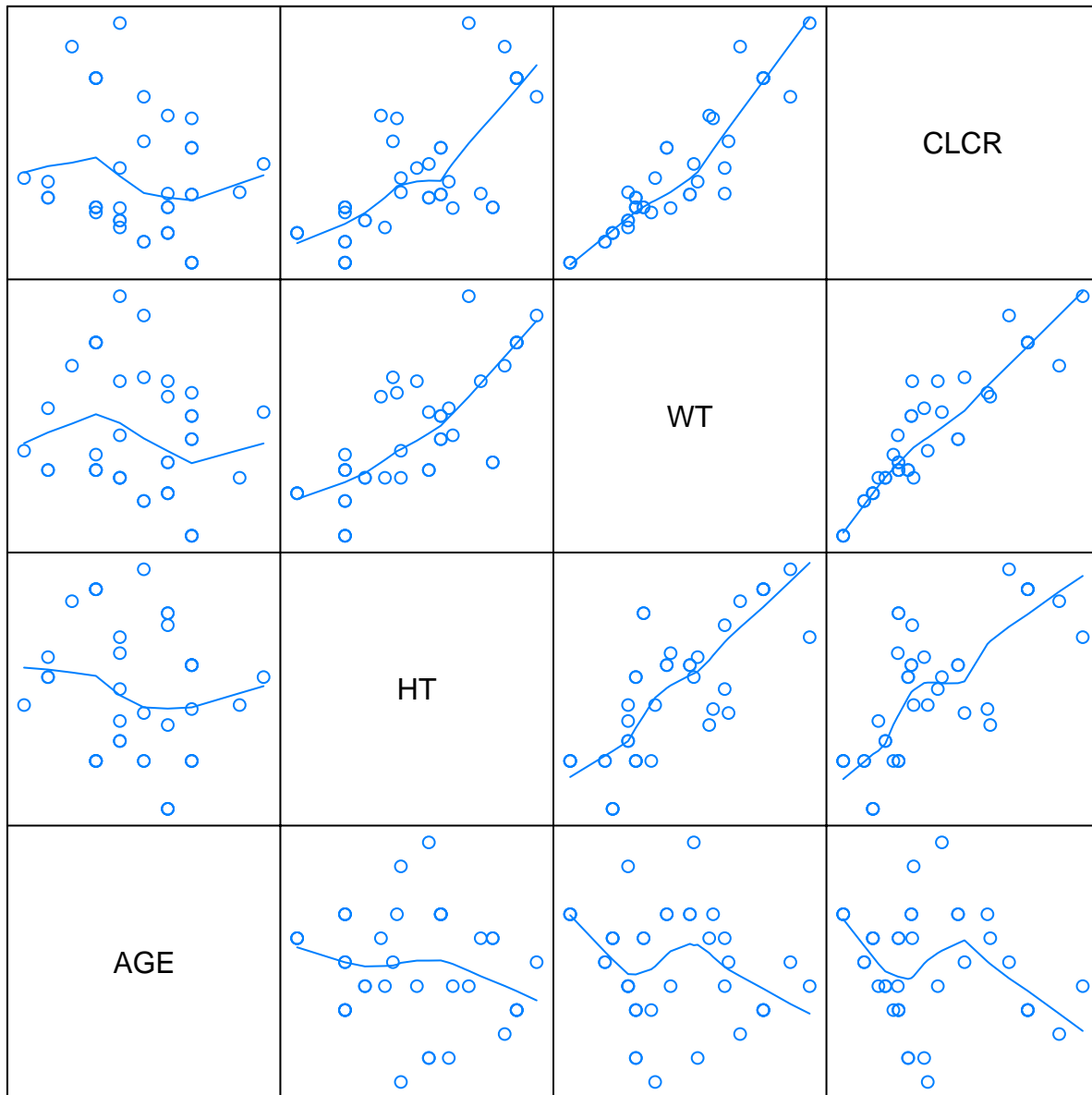**Model 1001**
Normal Q–Q Plot Residuals for male data

Model 1001
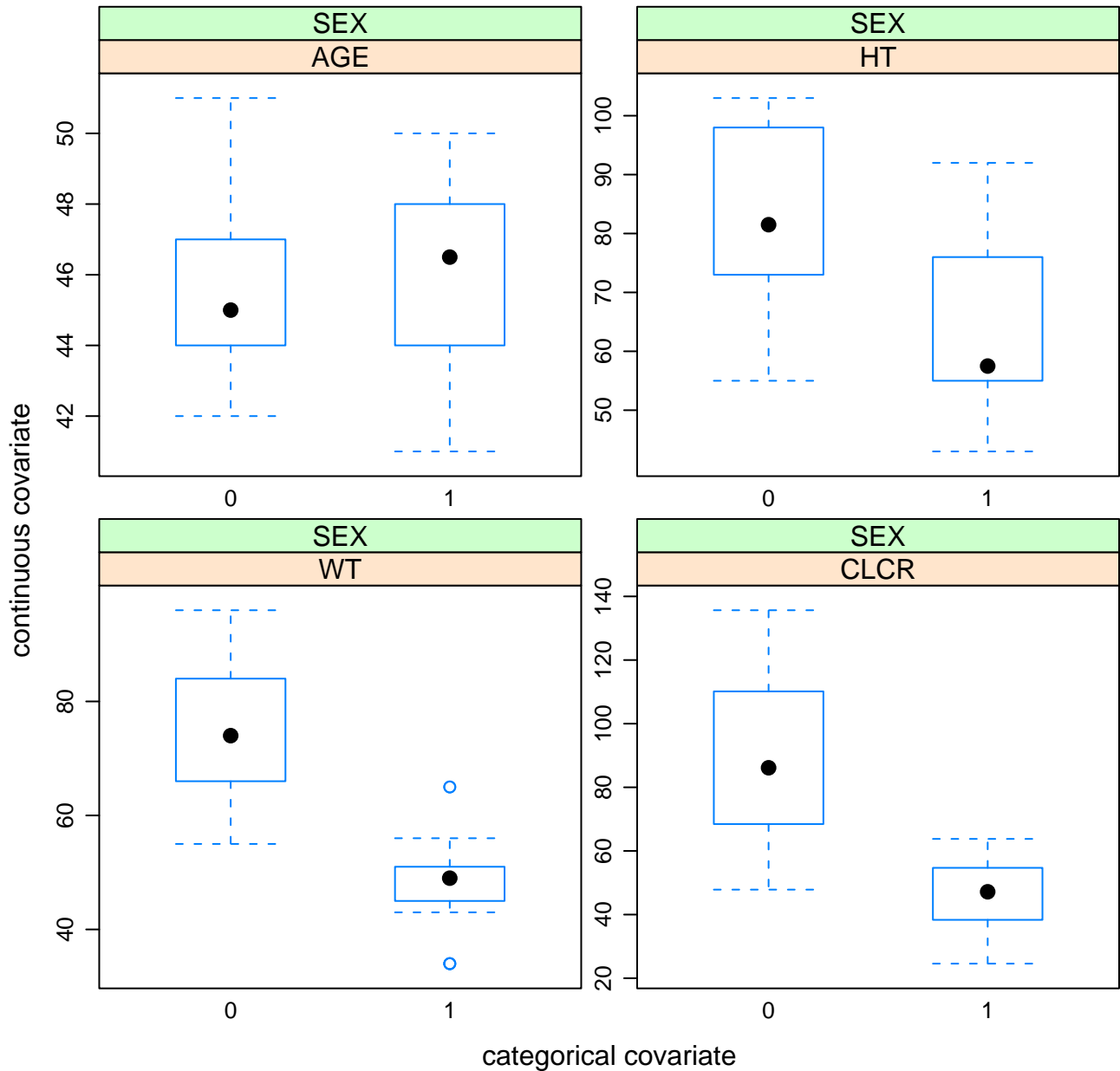**Q−Q Plot of CWRES vs. WRES for male data**

CWRES

WRES

Covariate Scatterplots
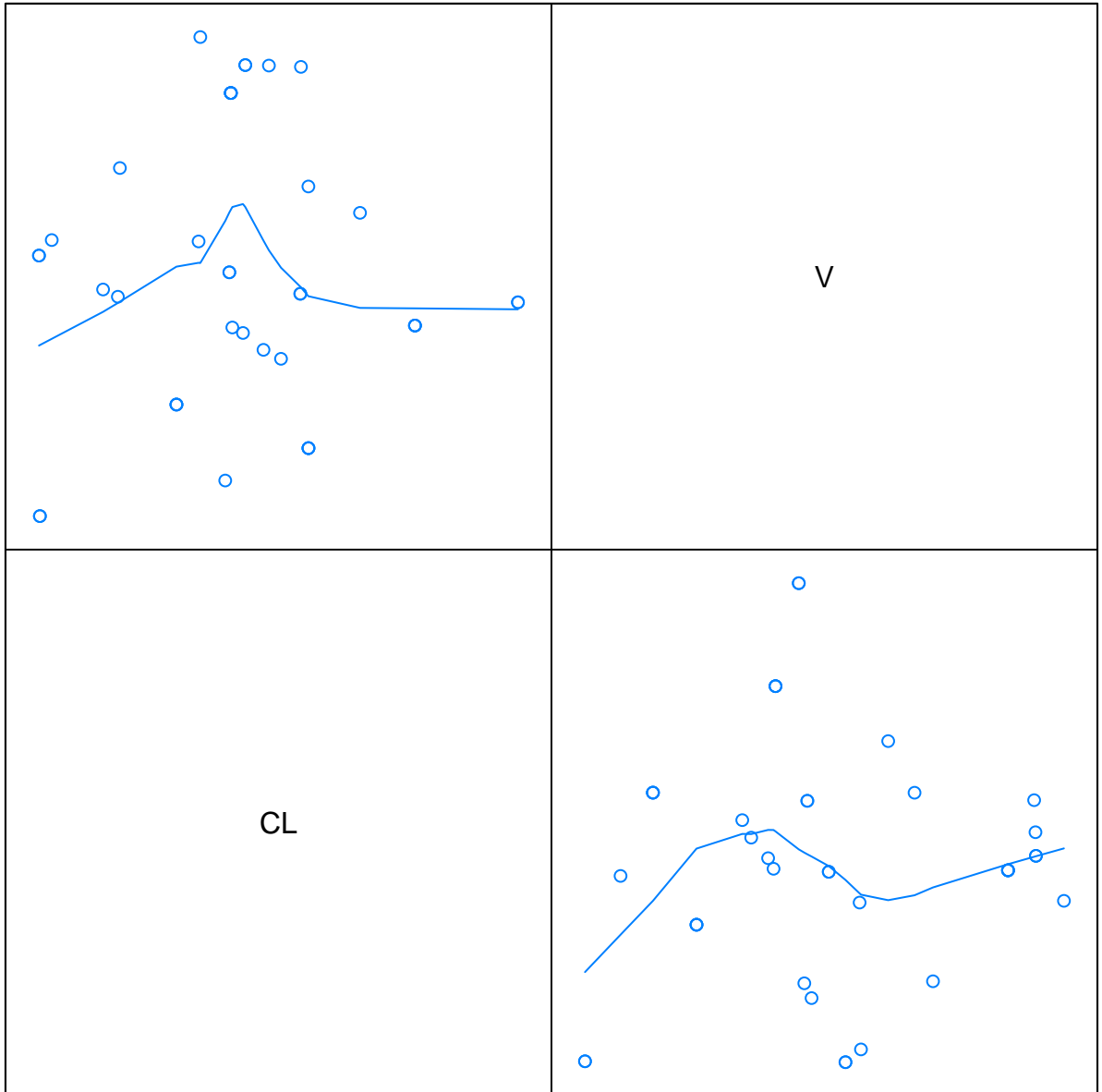
Continuous Covariates vs. Categorical Covariates
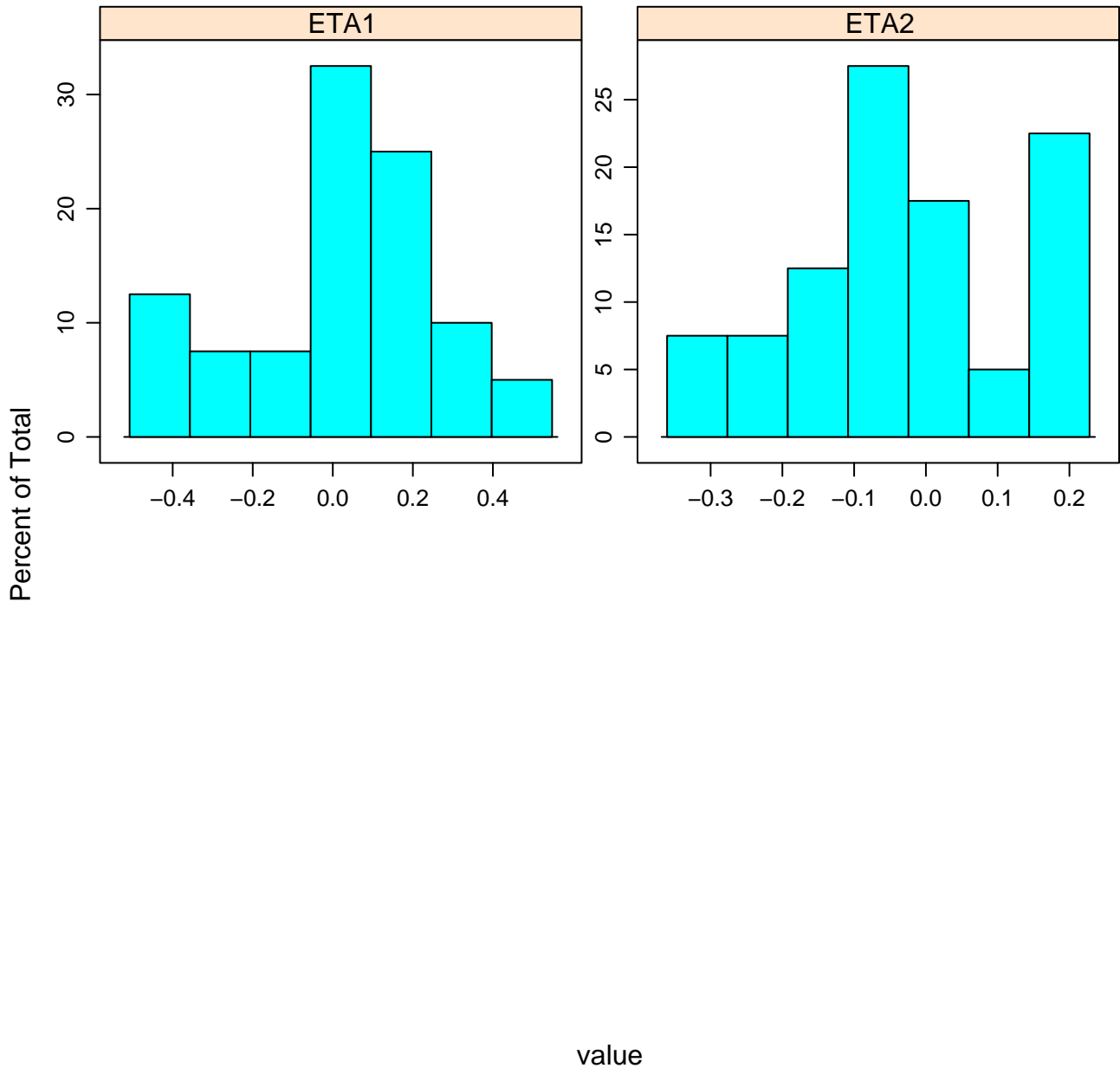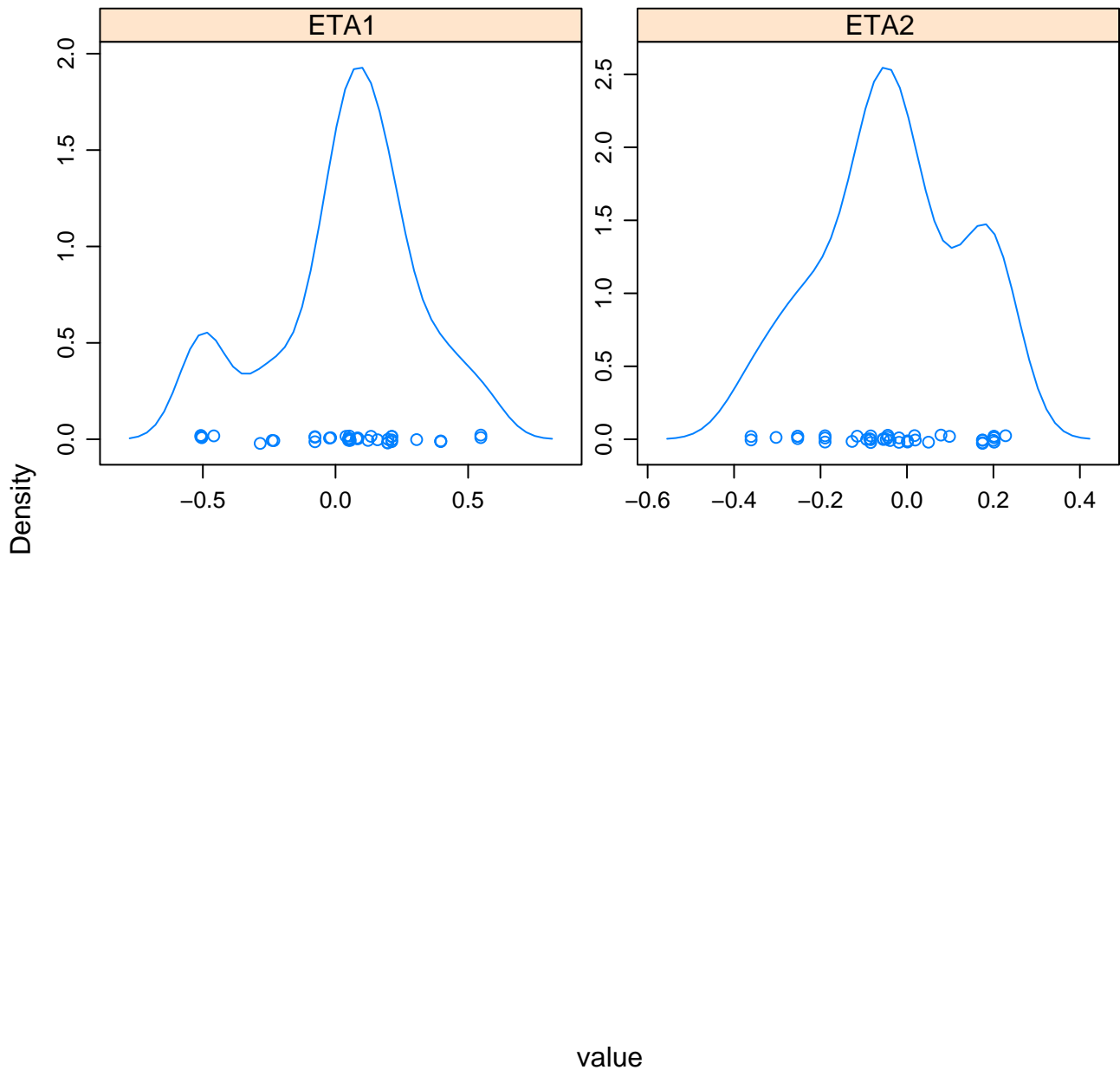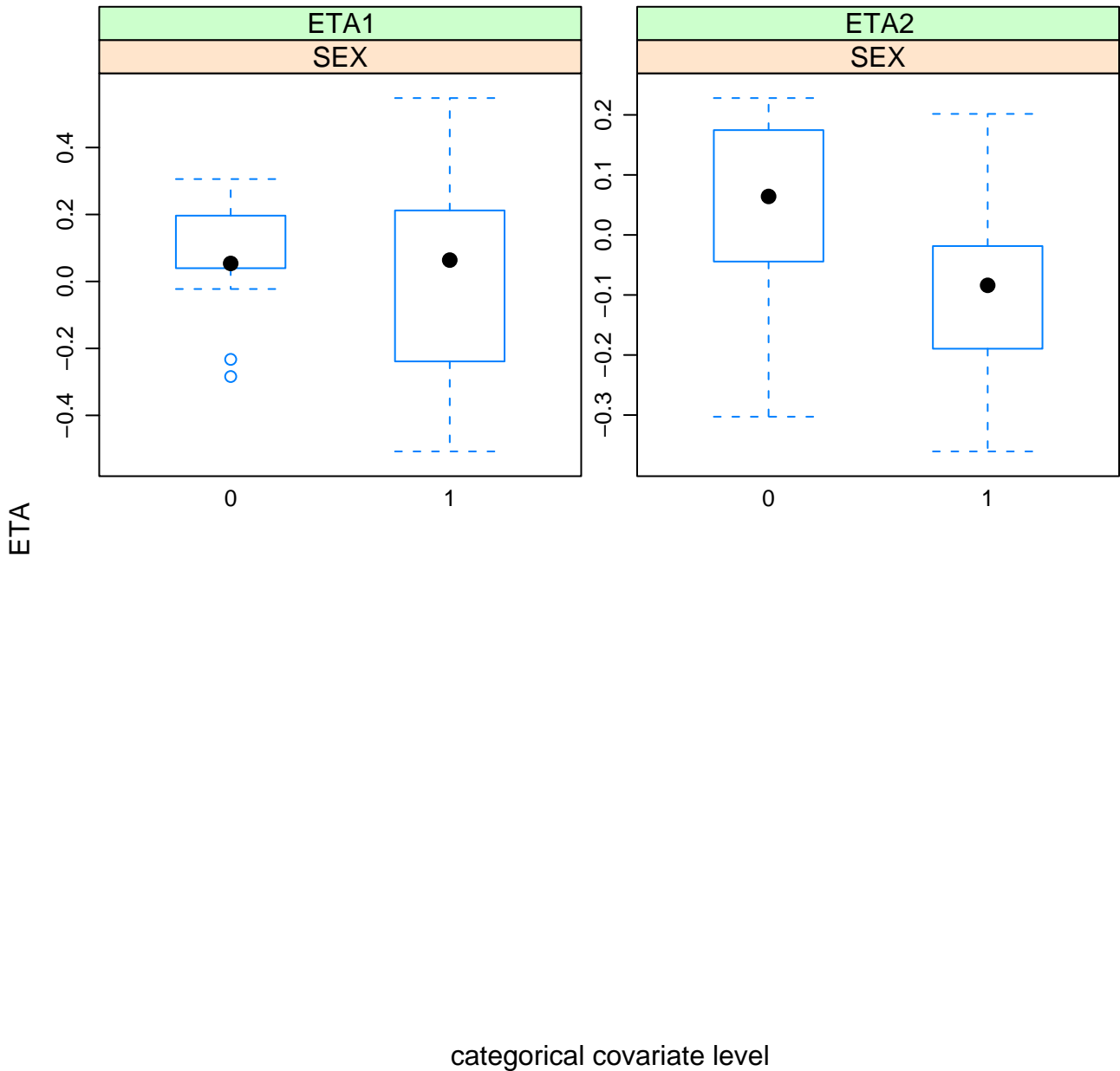
ETA Scatterplots
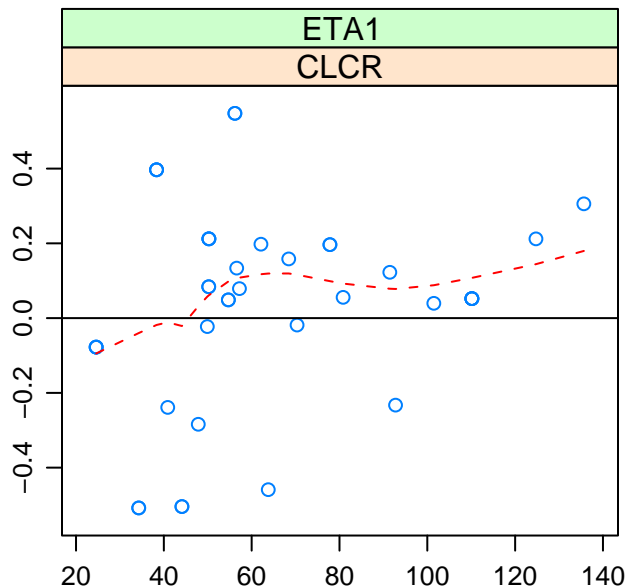
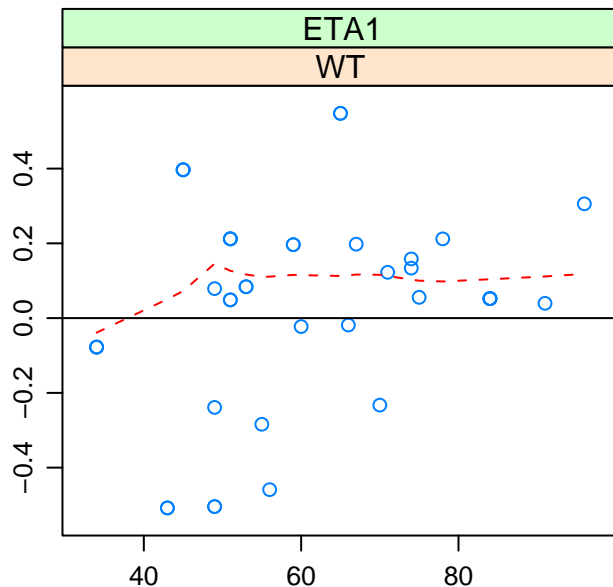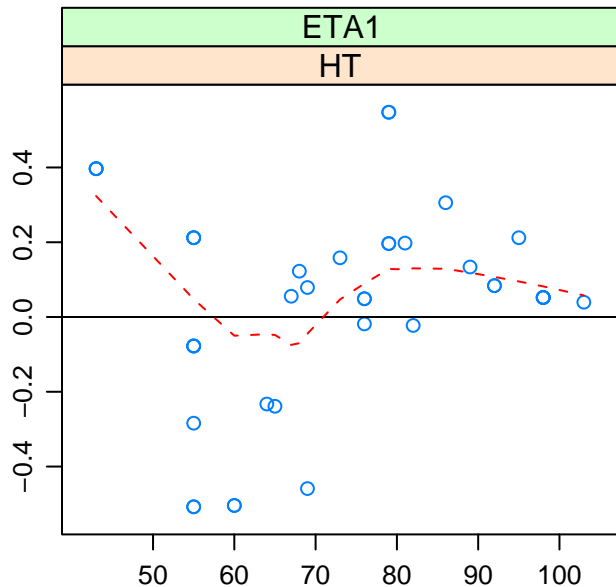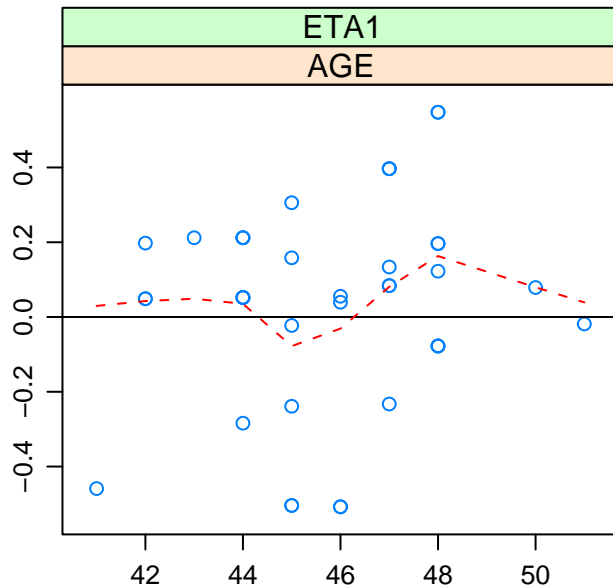# Parameter Scatterplots

Histograms of Etas
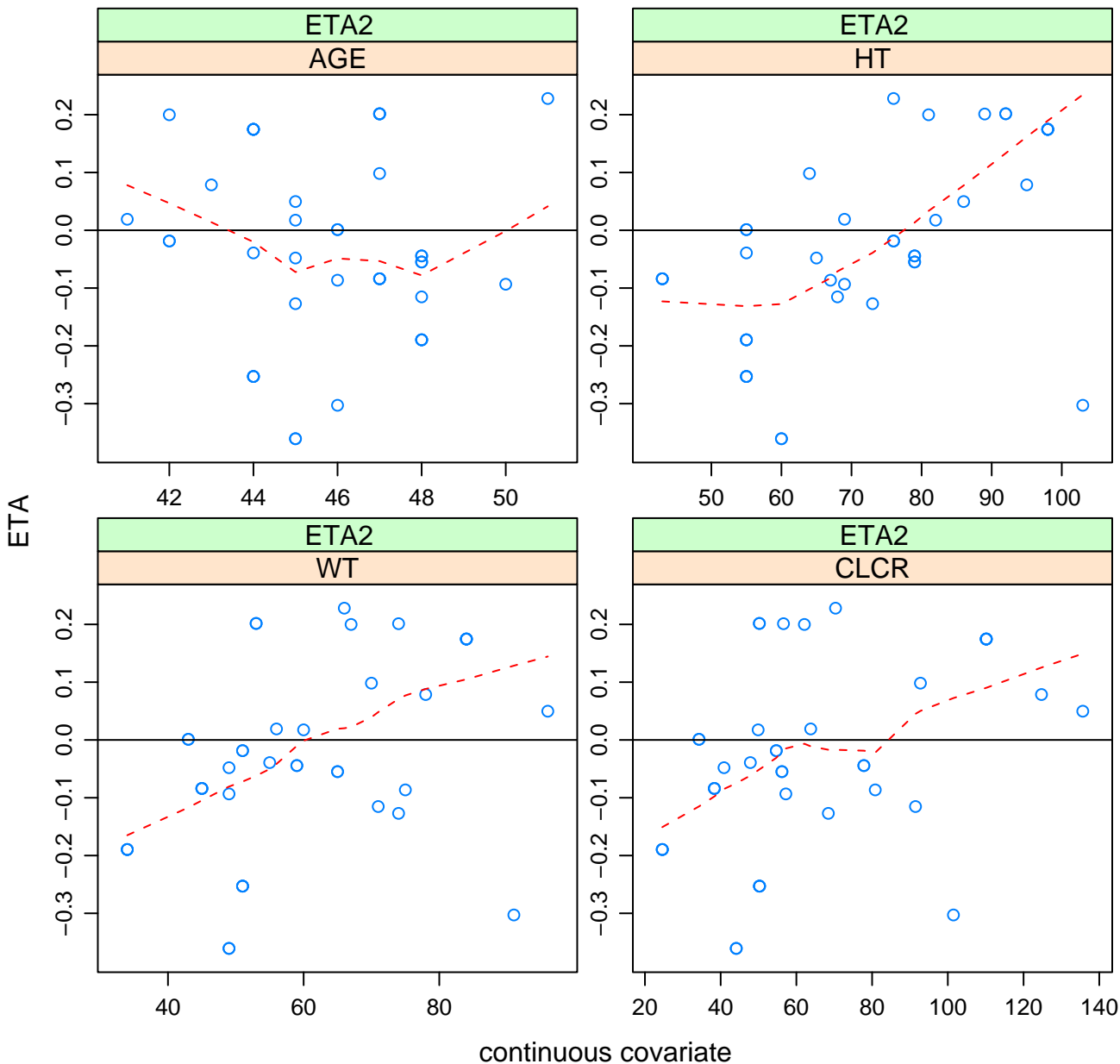
Density of Etas

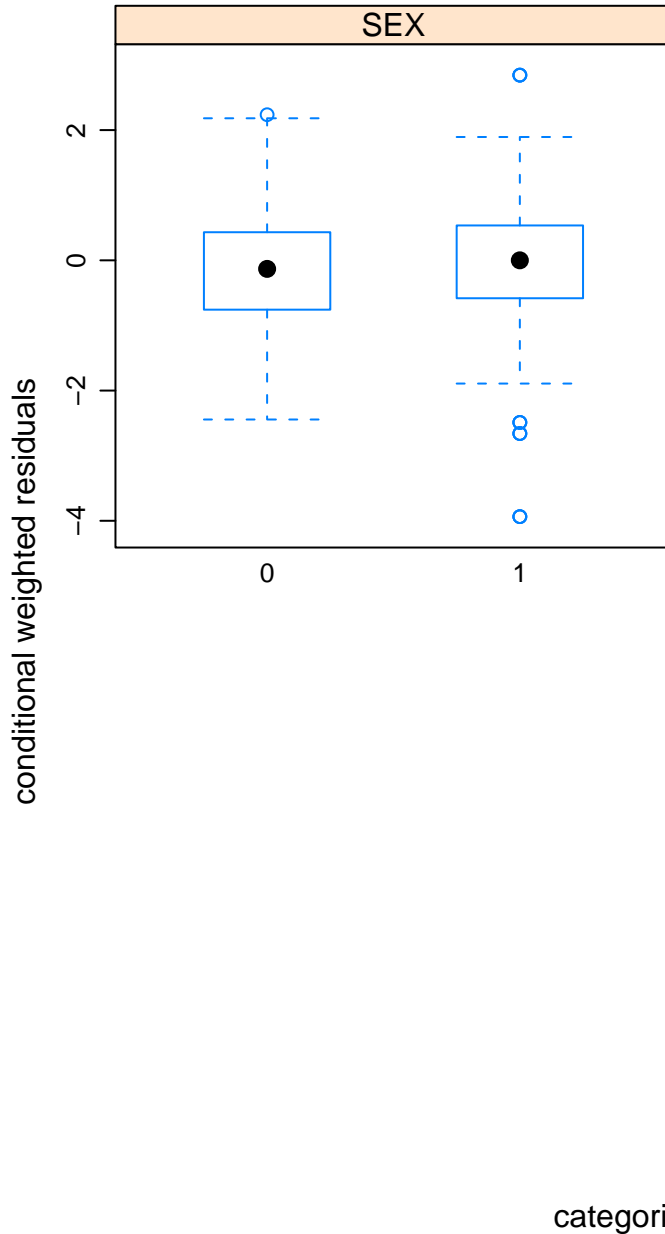# Boxplots of Etas by Categorical Covariate

Etas vs. Continuous Covariates

Etas vs. Continuous Covariates

CWRES vs. Categorical Covariates

CWRES vs. Continuous Covariates