**Model 1004**
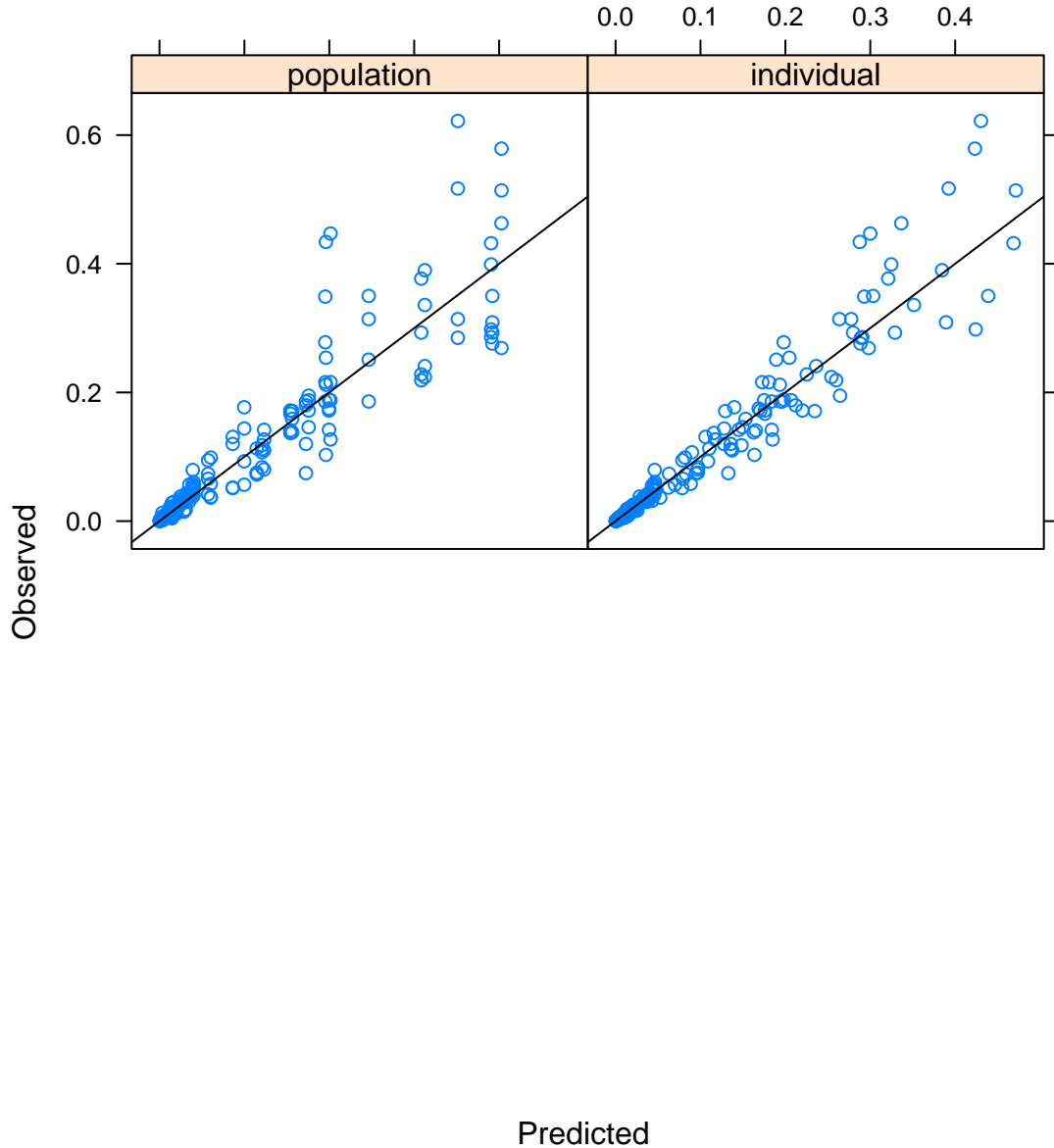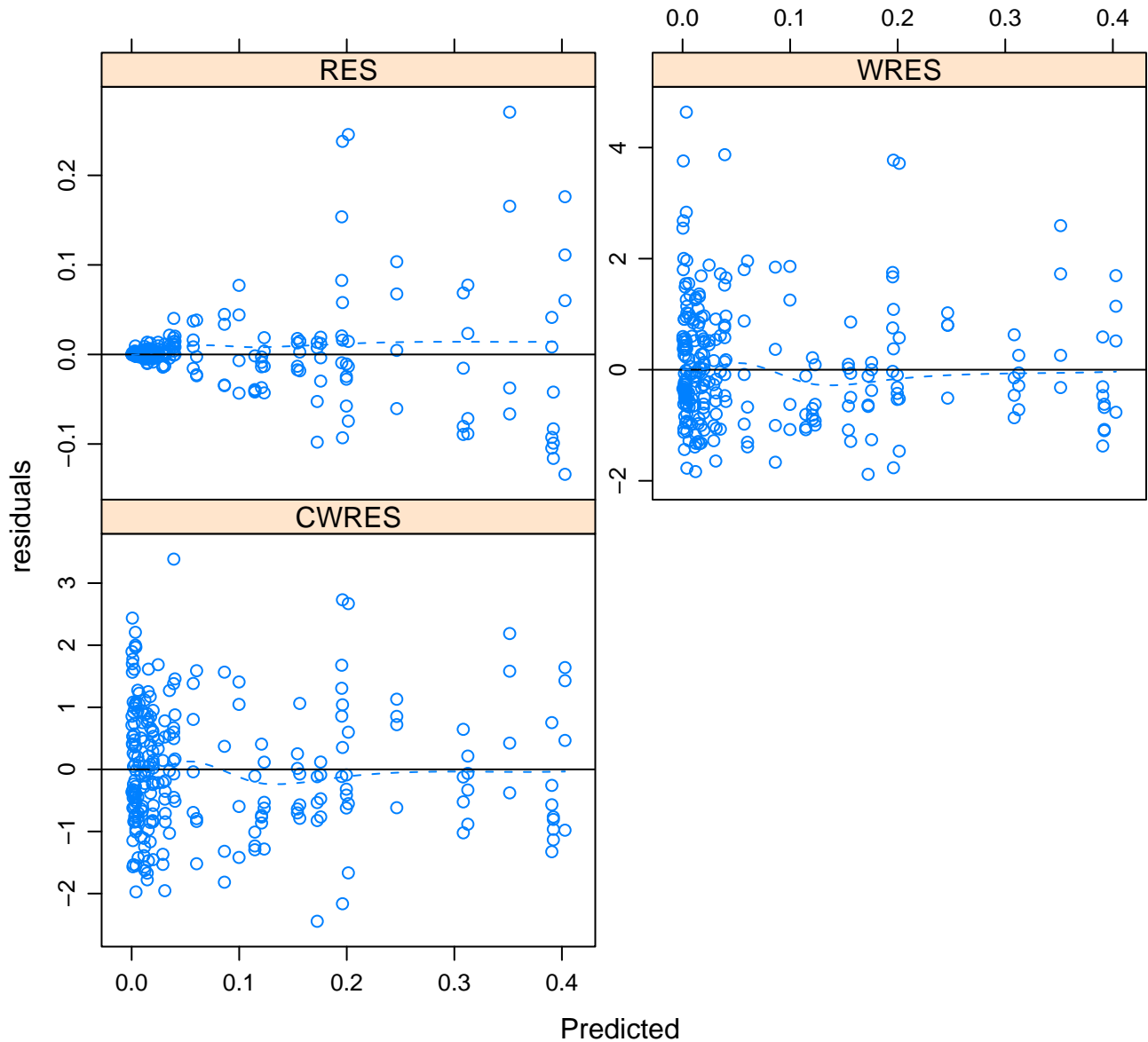**Observed vs. Predicted for all data**
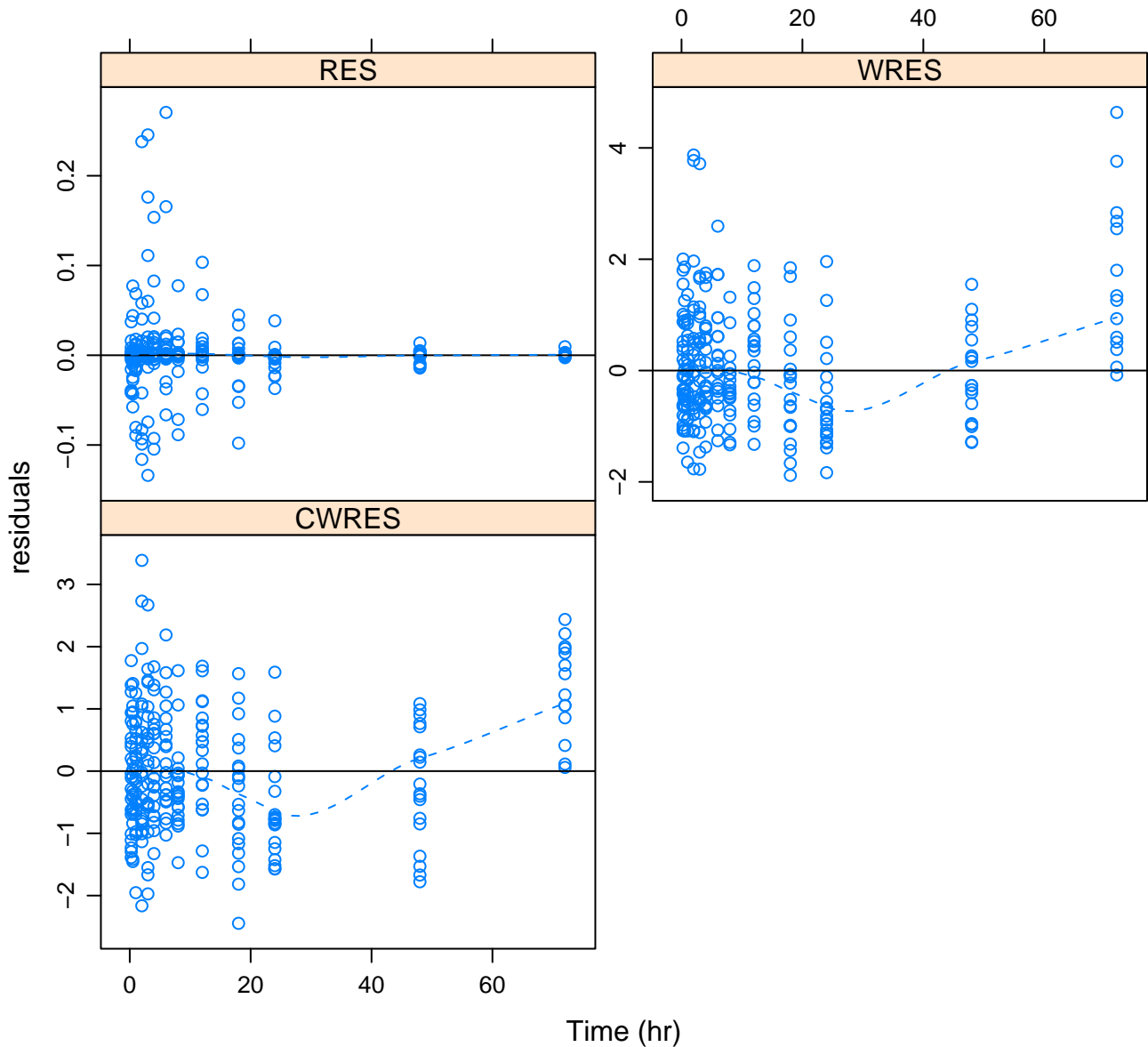
**Model 1004**
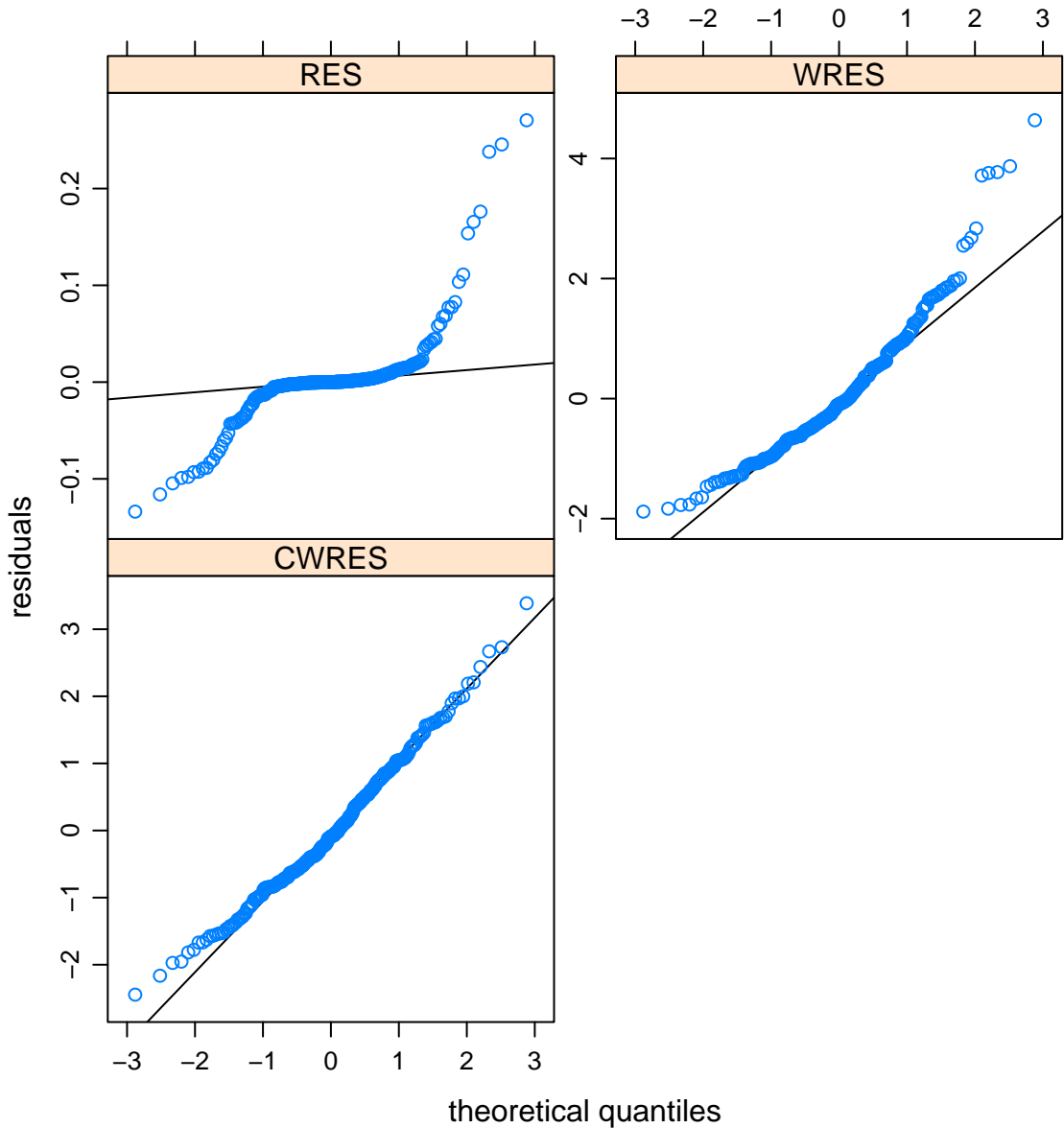**Residuals vs. Predicted for all data**

**Model 1004**
**Residuals vs. Time for all data**

# Model 1004
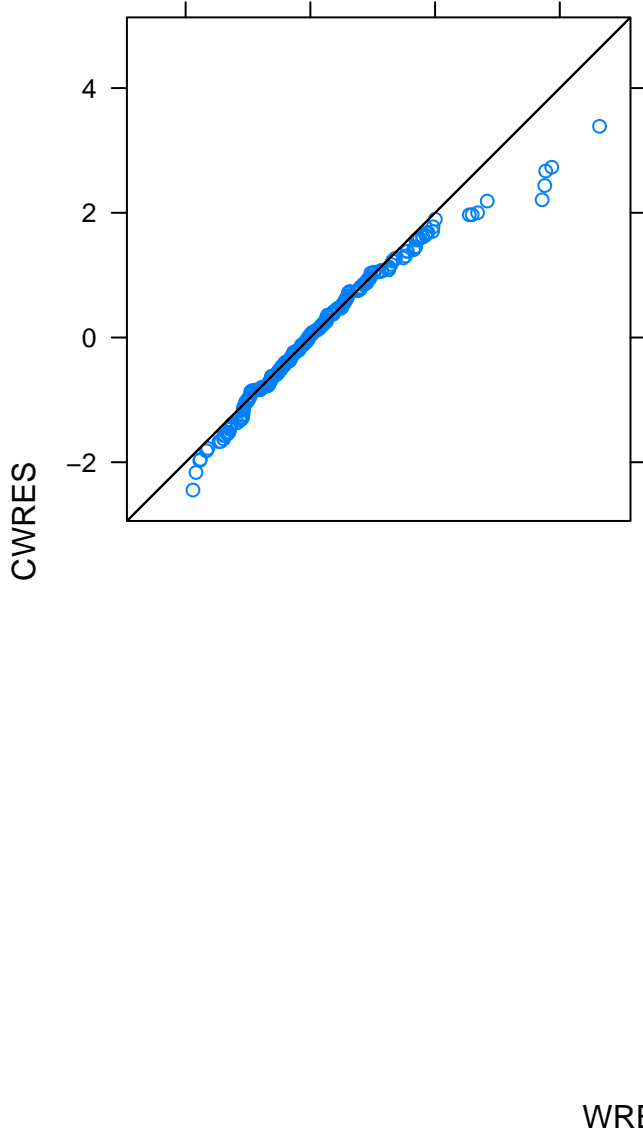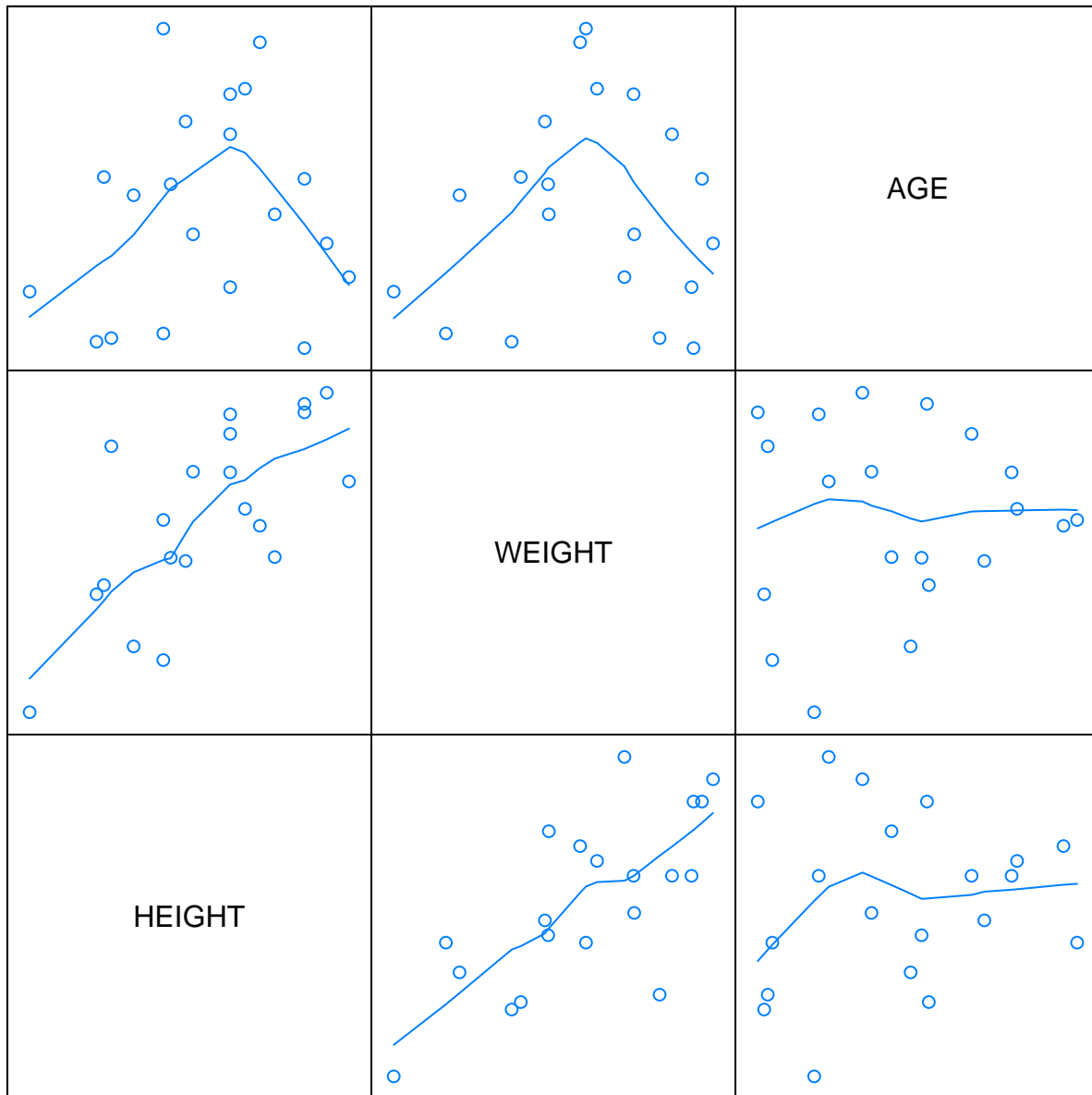## Normal Q–Q Plot Residuals for all data
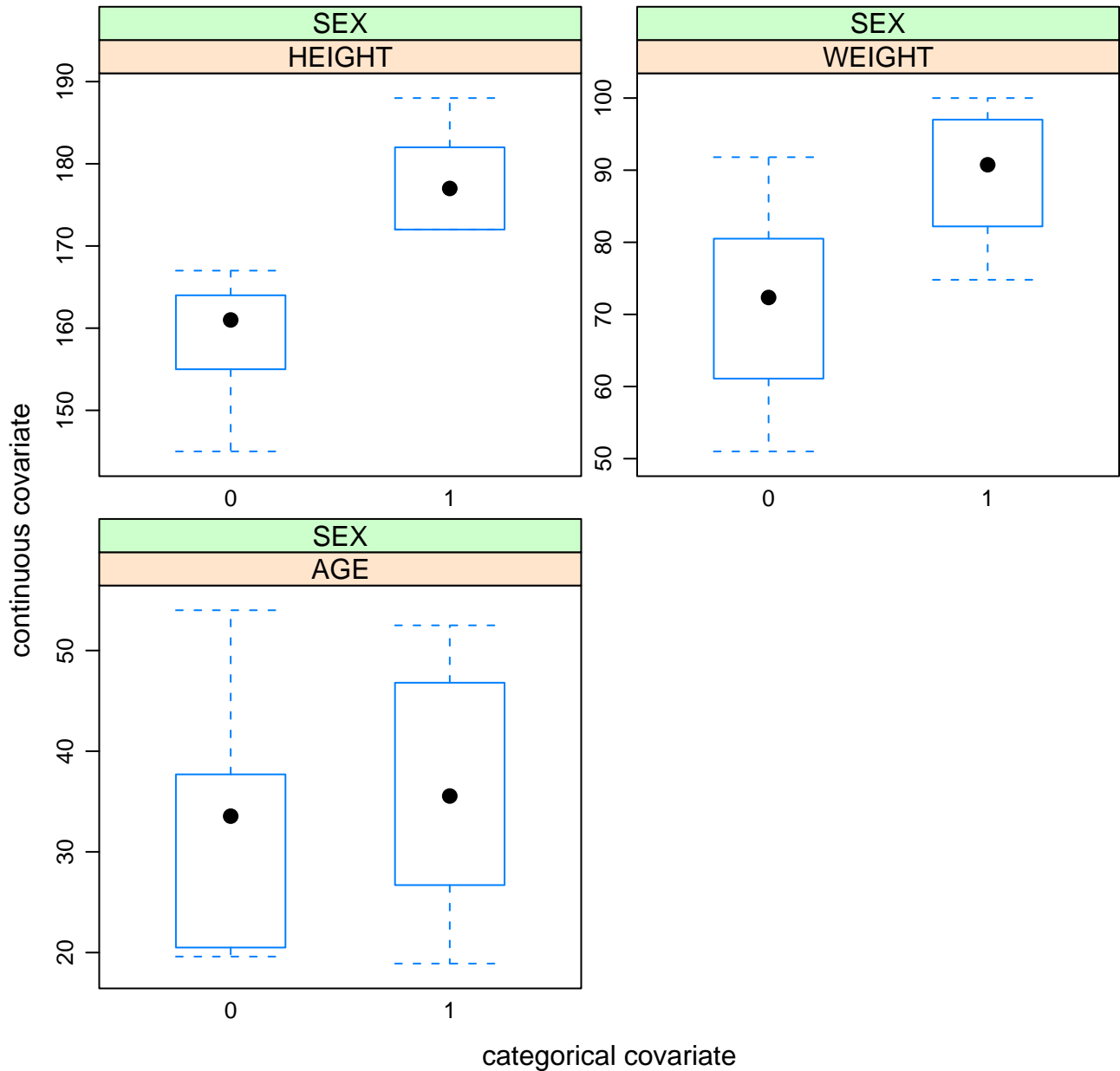
**Model 1004**
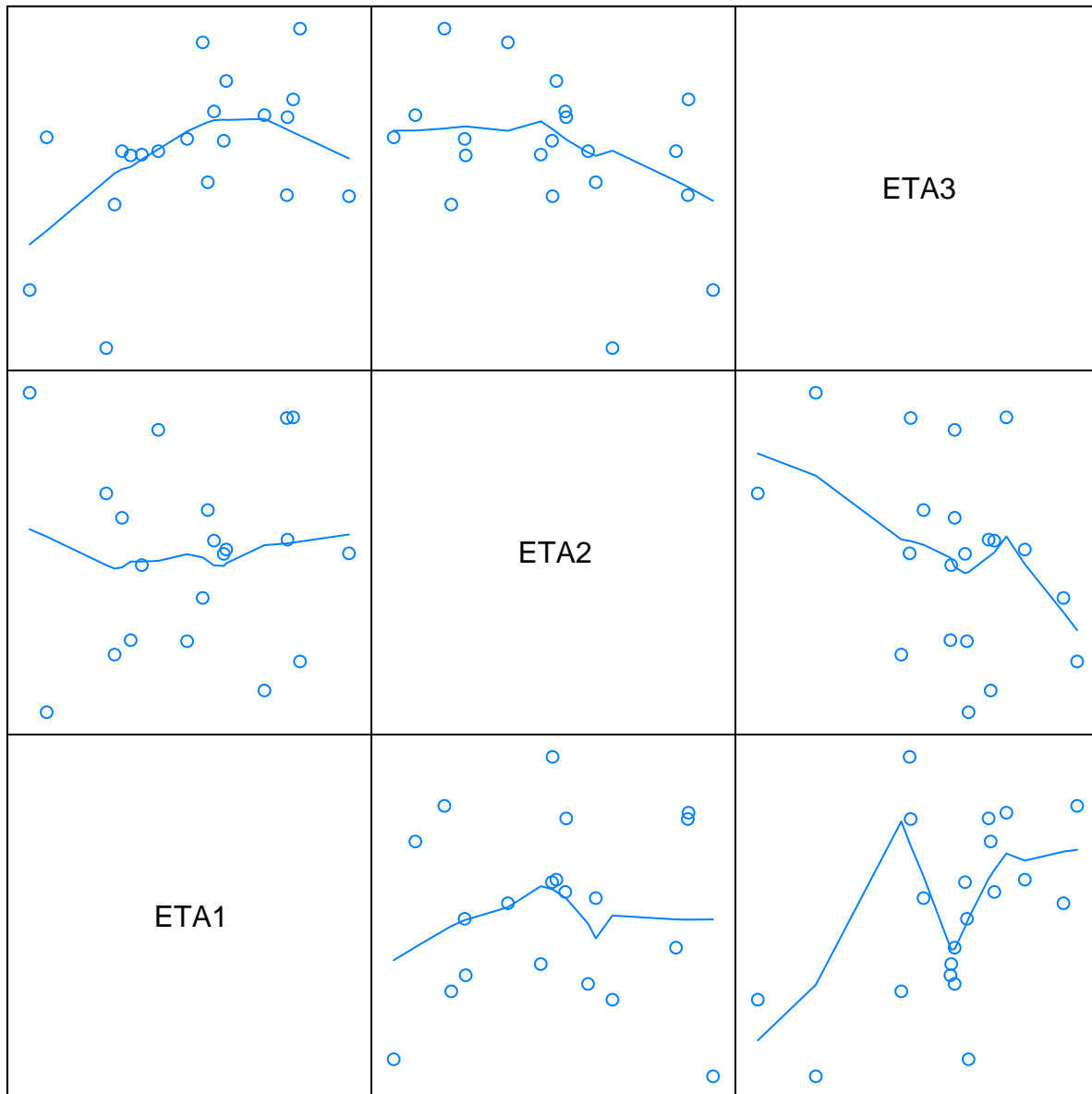**Q–Q Plot of CWRES vs. WRES for all data**
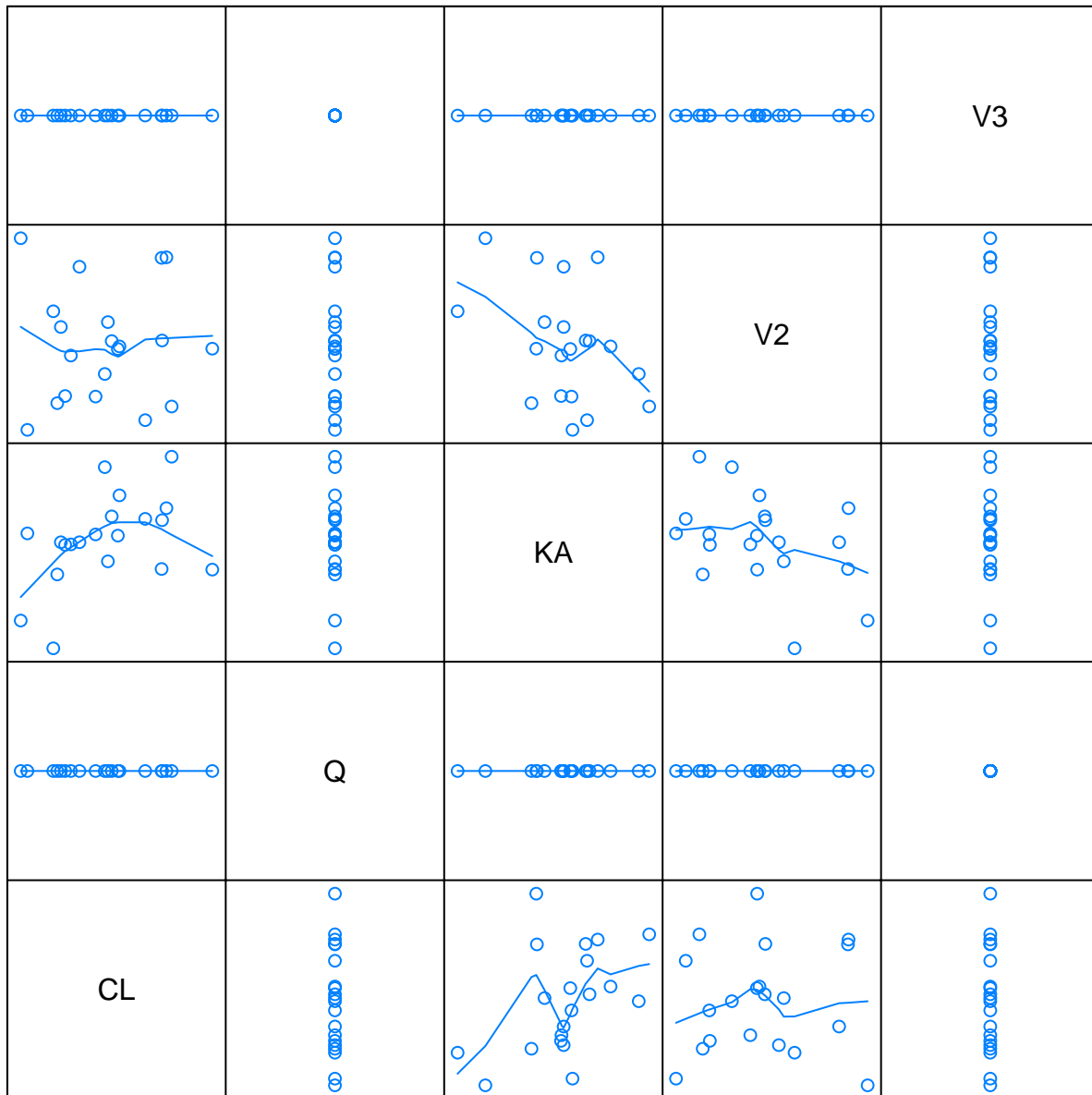
CWRES

WRES

Covariate Scatterplots

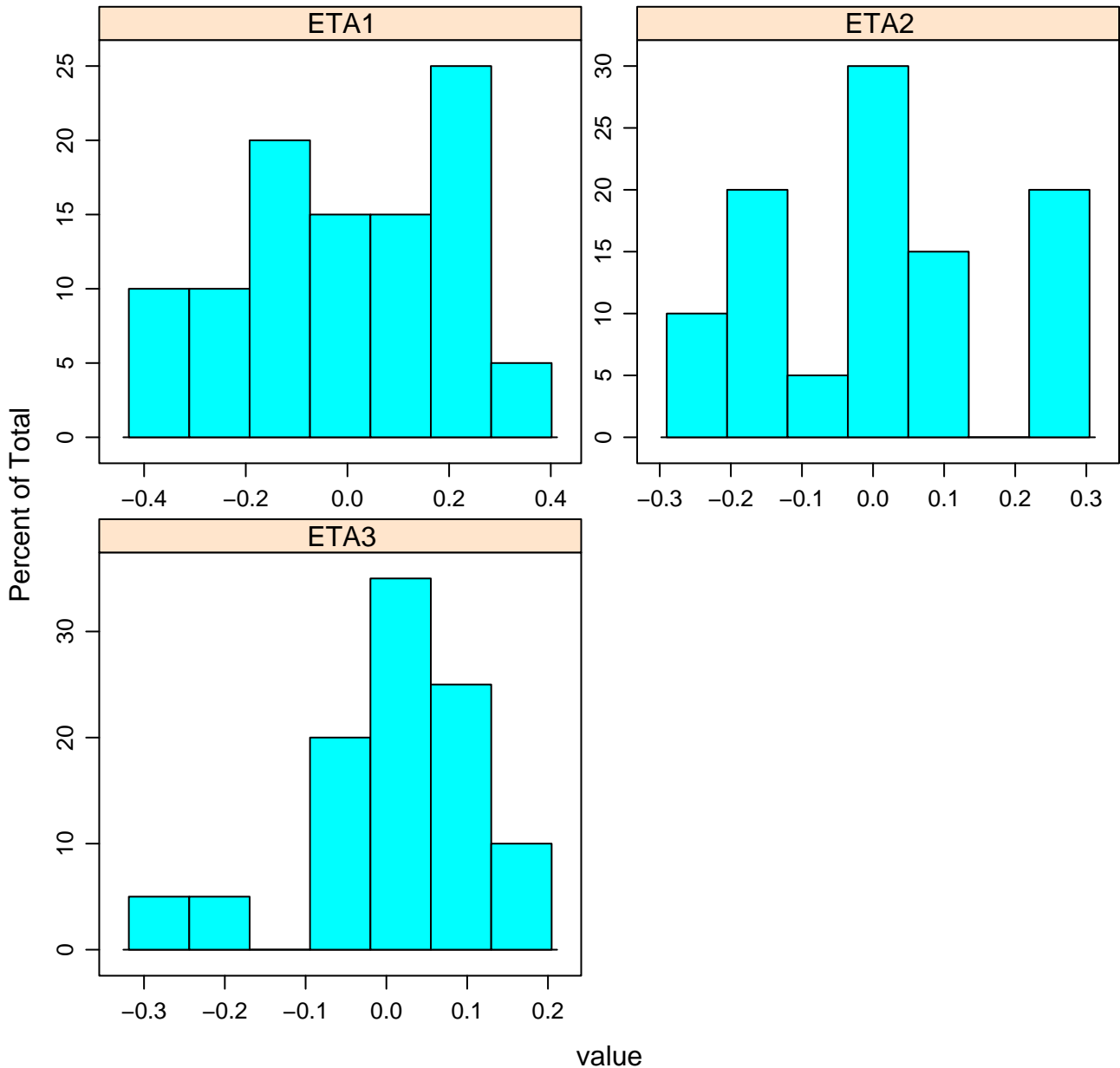# Continuous Covariates vs. Categorical Covariates
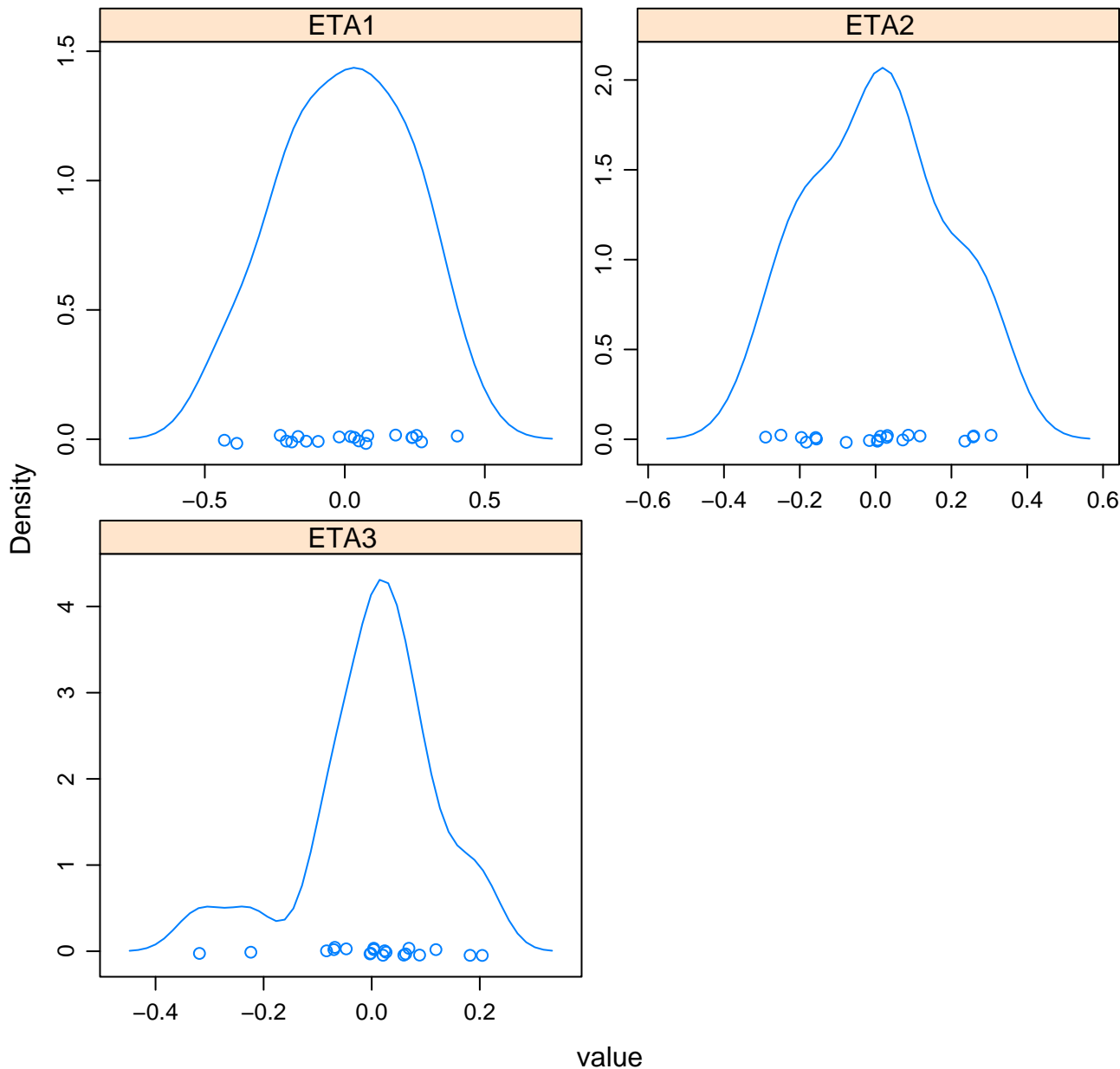
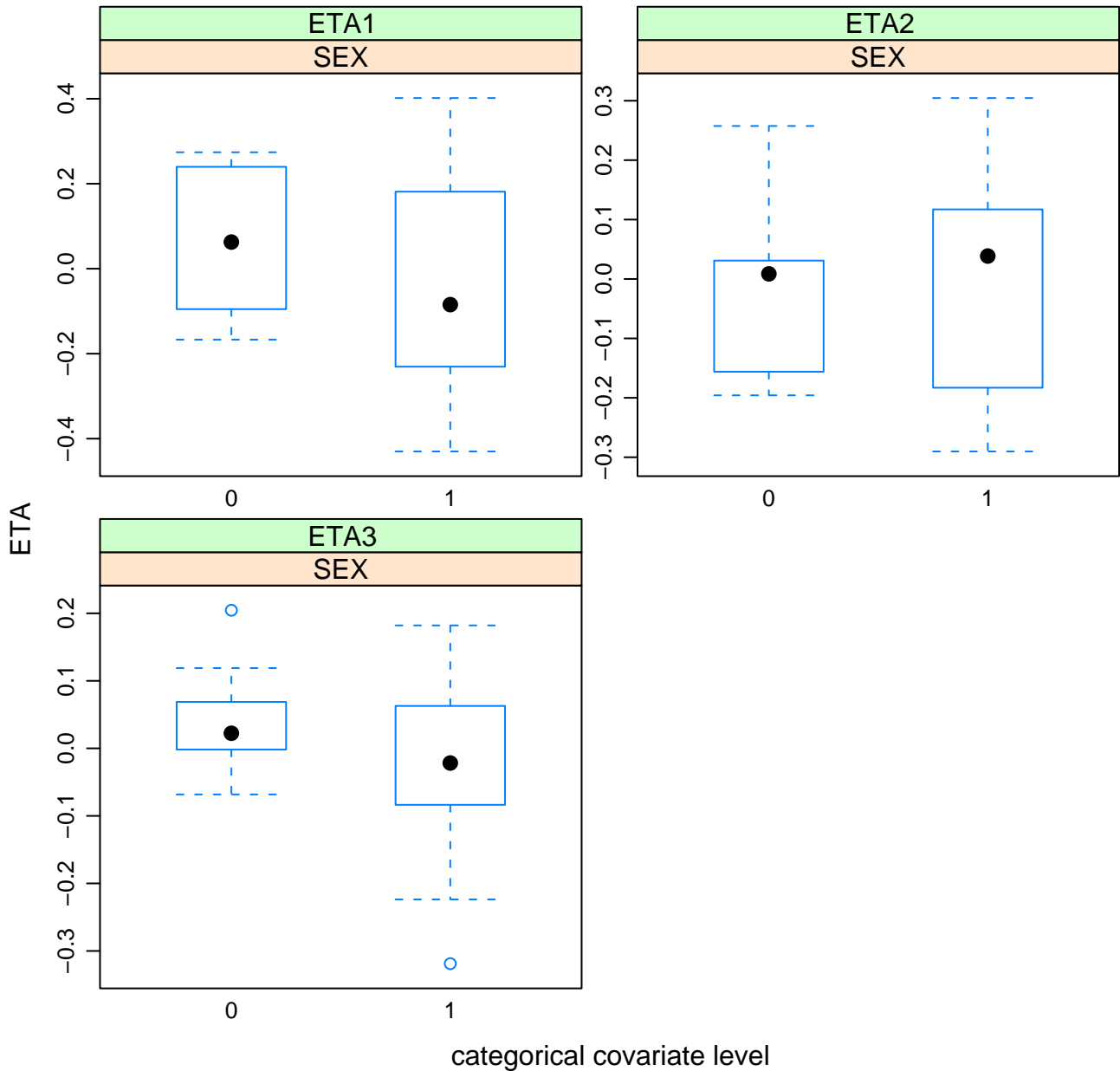# ETA Scatterplots

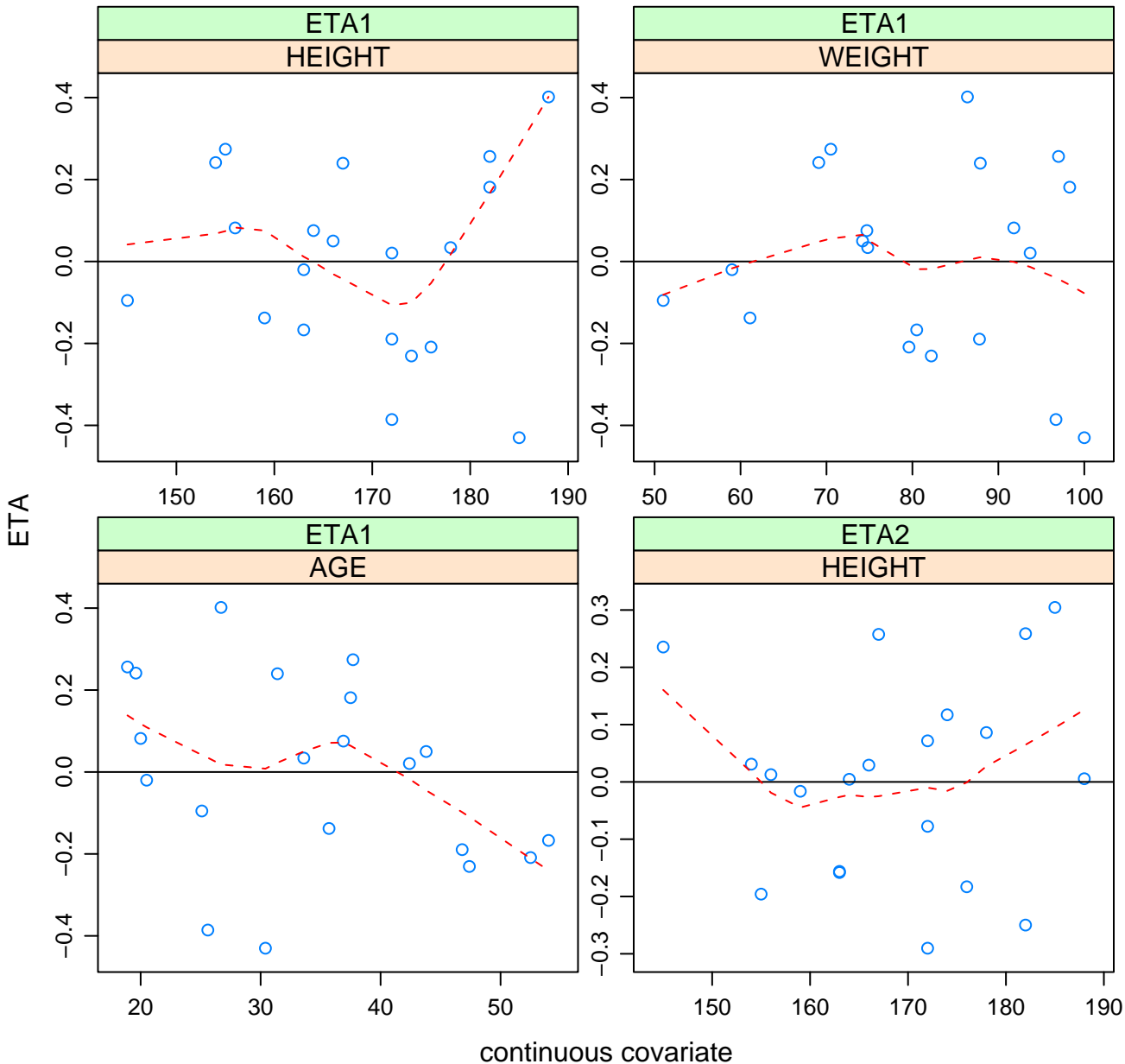# Parameter Scatterplots
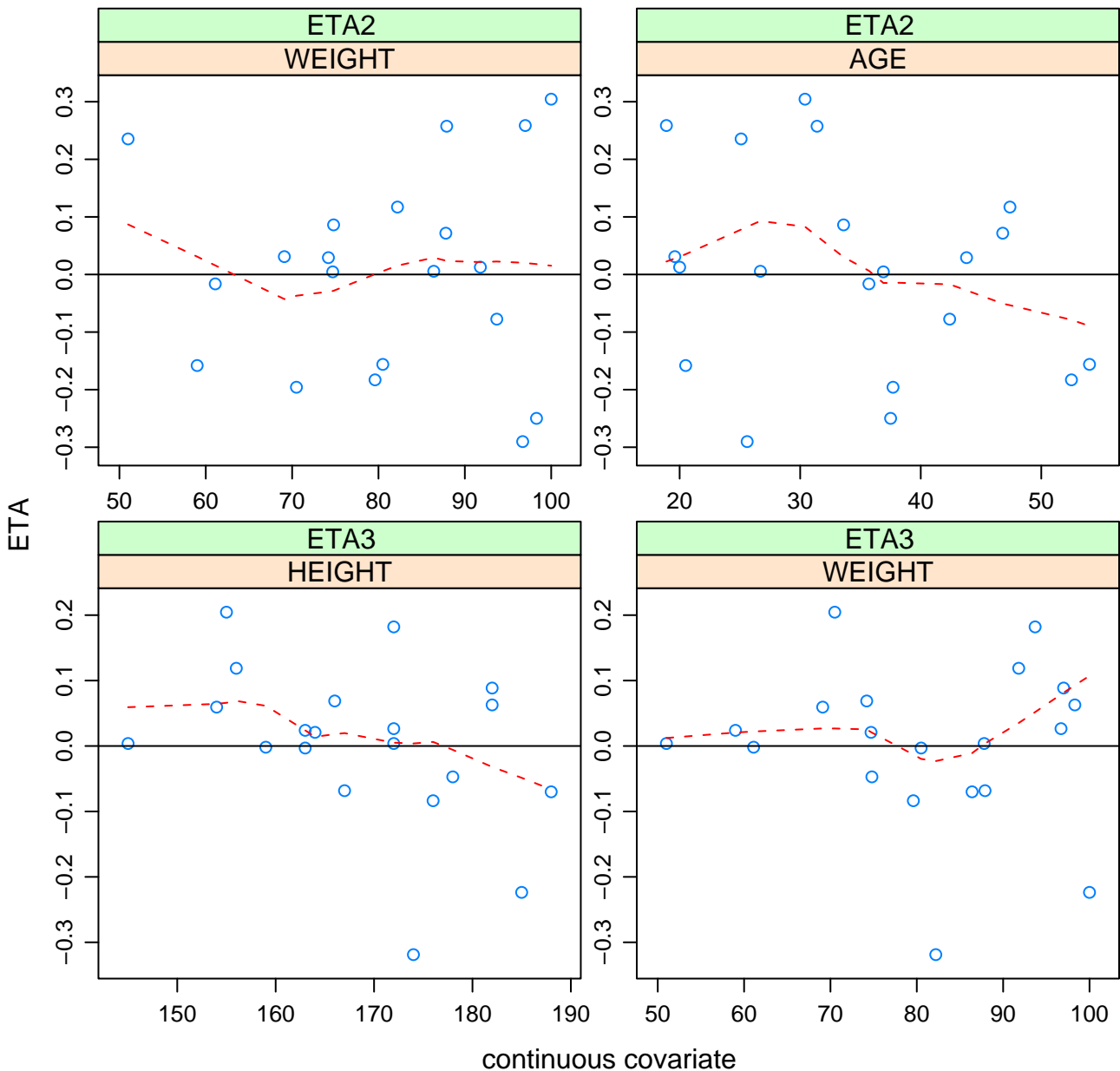
**Histograms of Etas**

**Density of Etas**

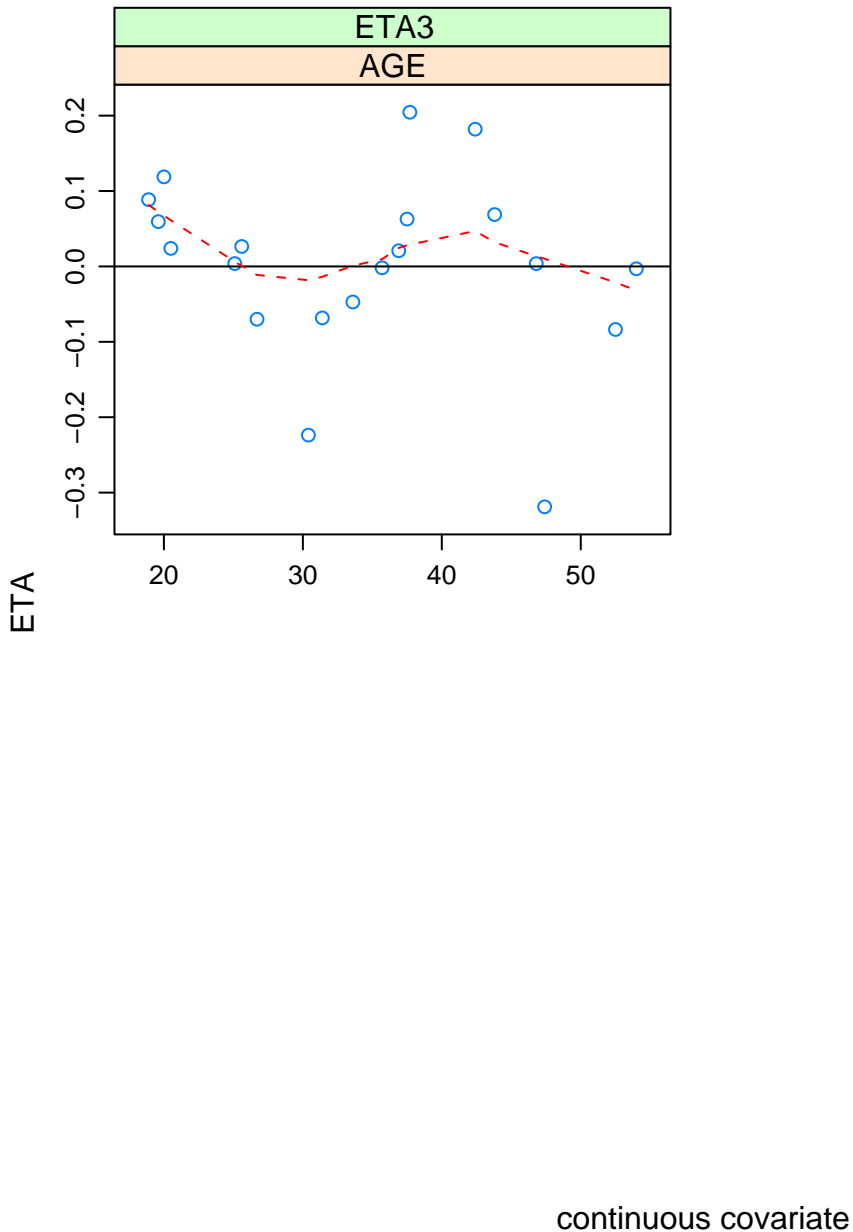**Boxplots of Etas by Categorical Covariate**

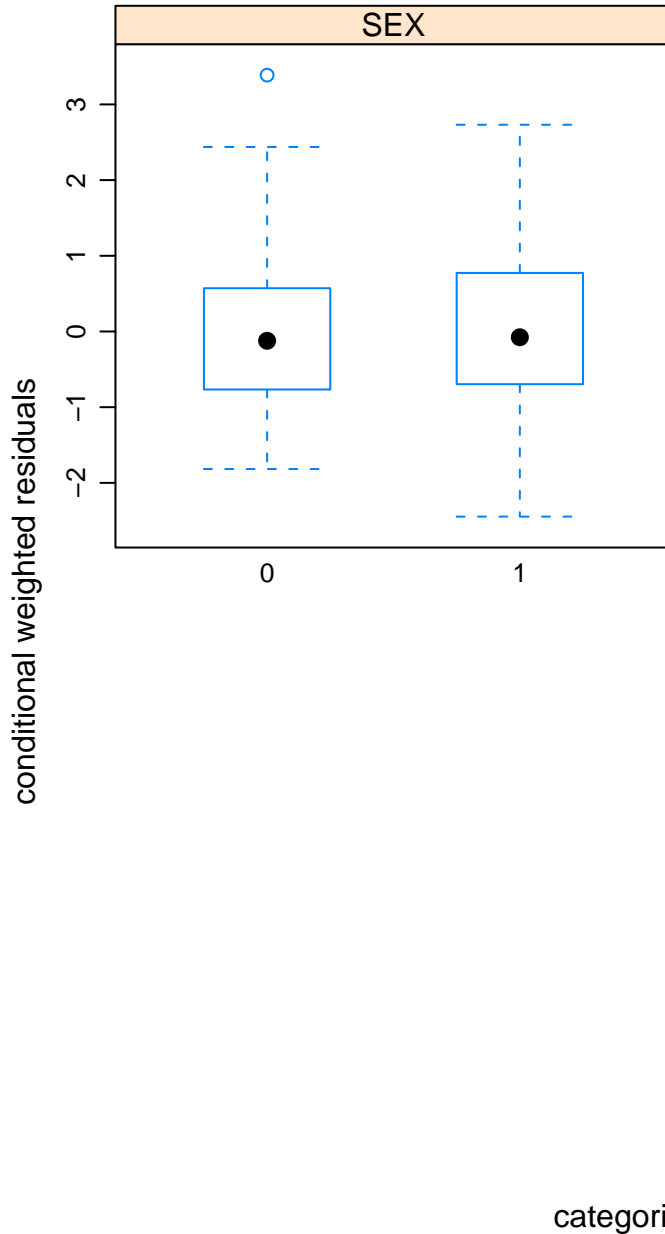Etas vs. Continuous Covariates

**Etas vs. Continuous Covariates**

Etas vs. Continuous Covariates

**CWRES vs. Categorical Covariates**

**CWRES vs. Continuous Covariates**