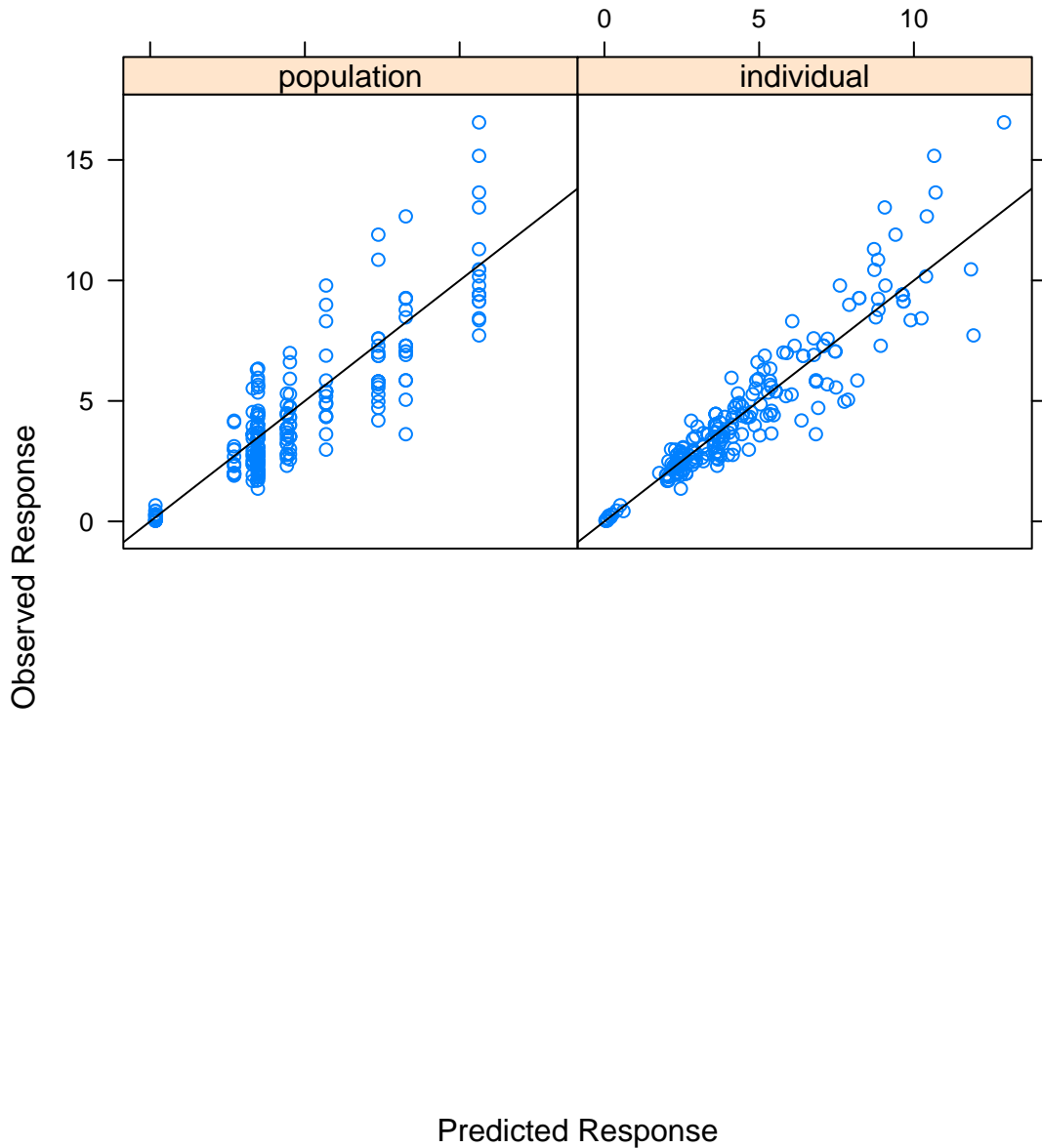


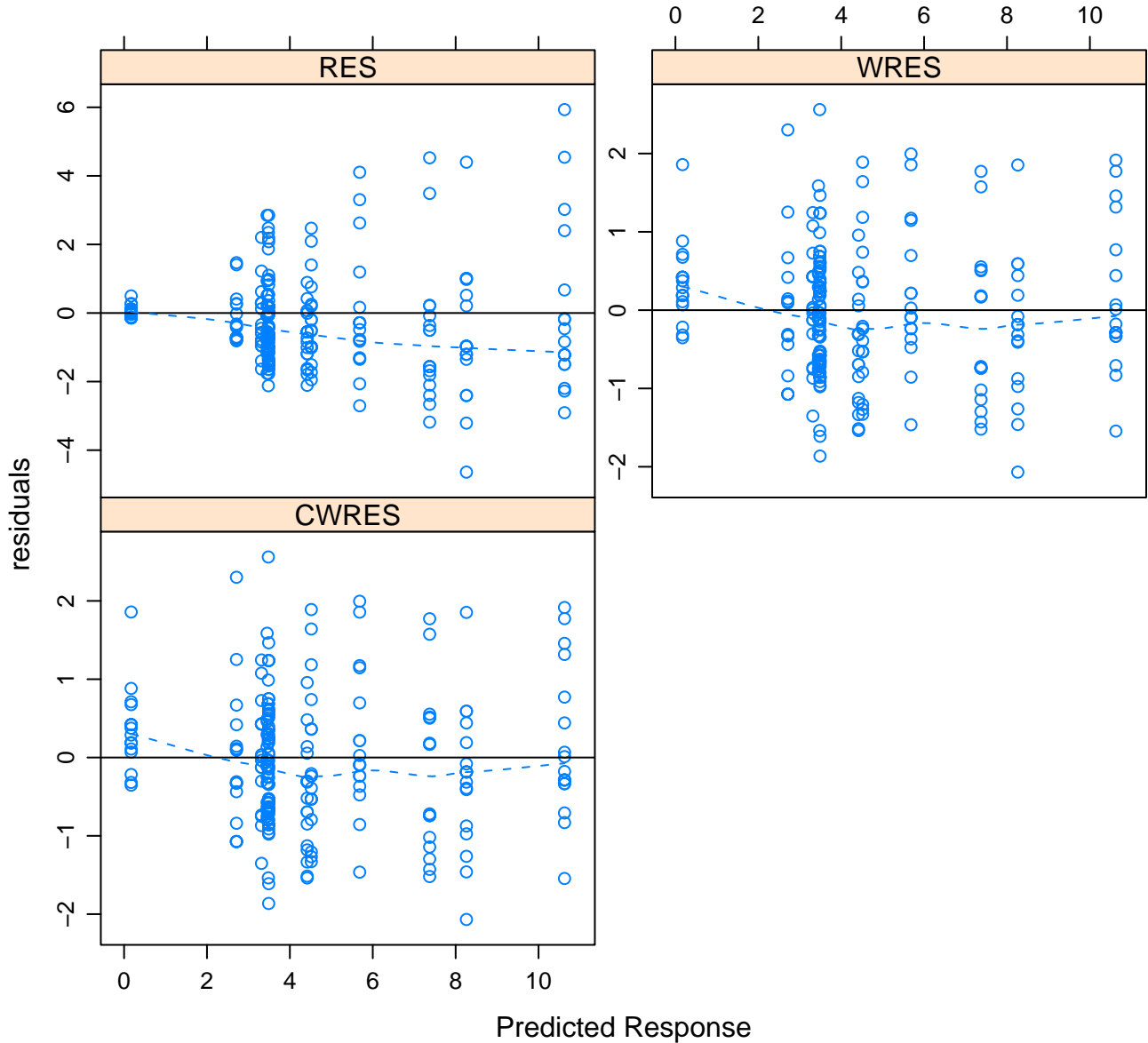
# Model 1001

## Observed vs. Predicted for female data



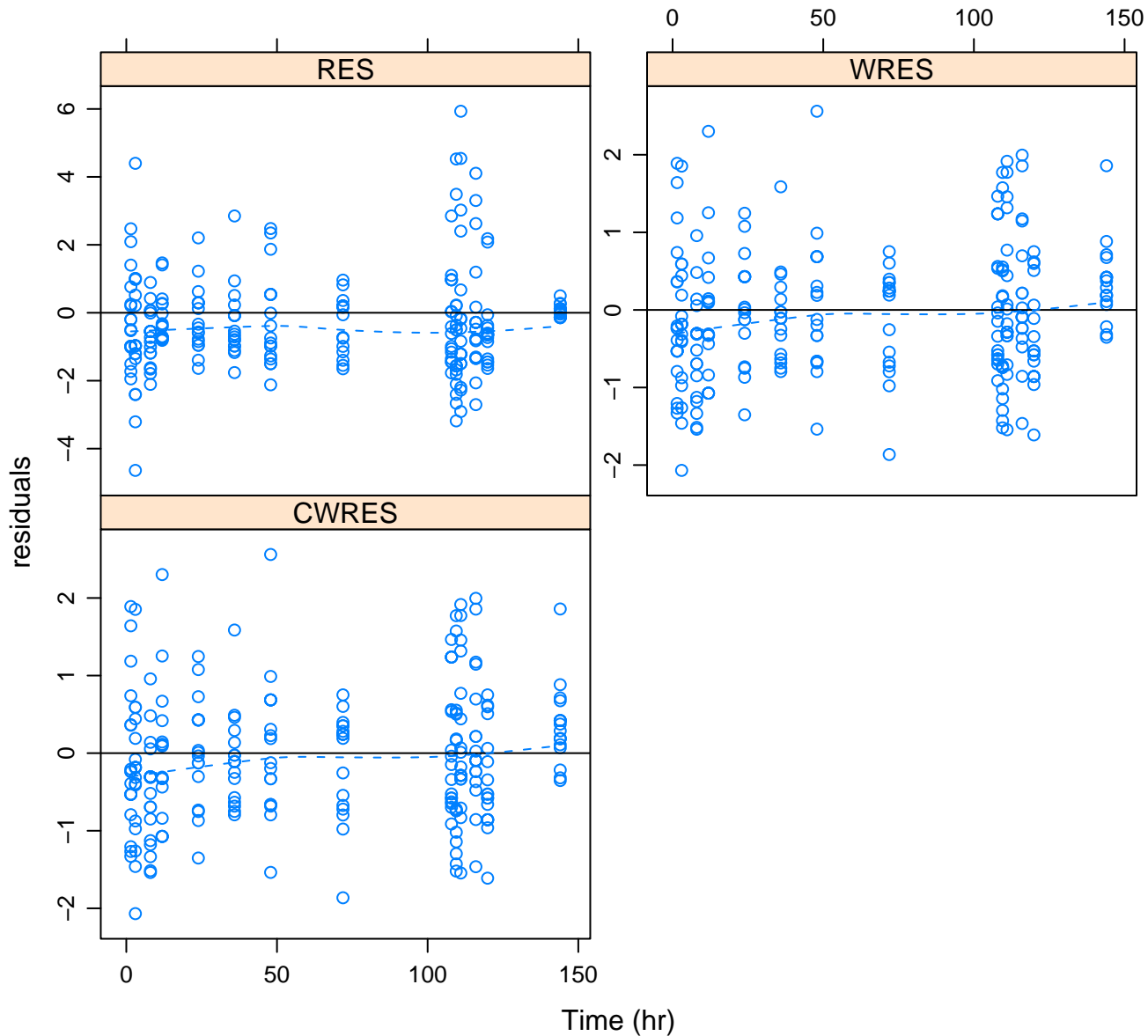
# Model 1001

## Residuals vs. Predicted for female data



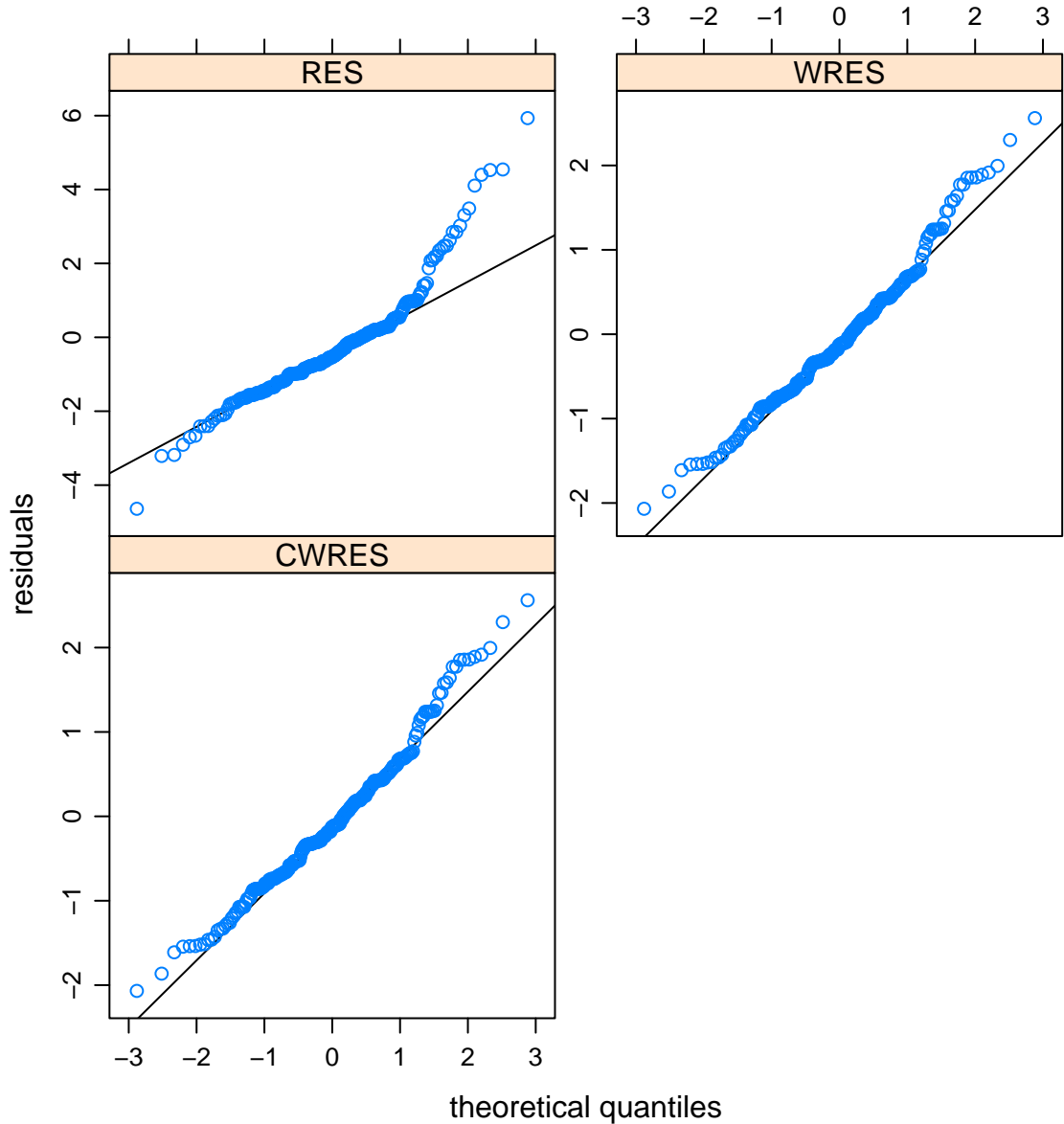
# Model 1001

## Residuals vs. Time for female data



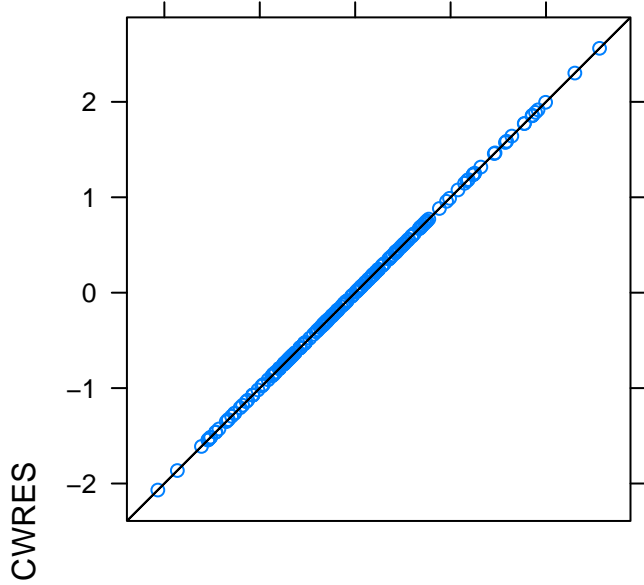
# Model 1001

## Normal Q-Q Plot Residuals for female data



Model 1001

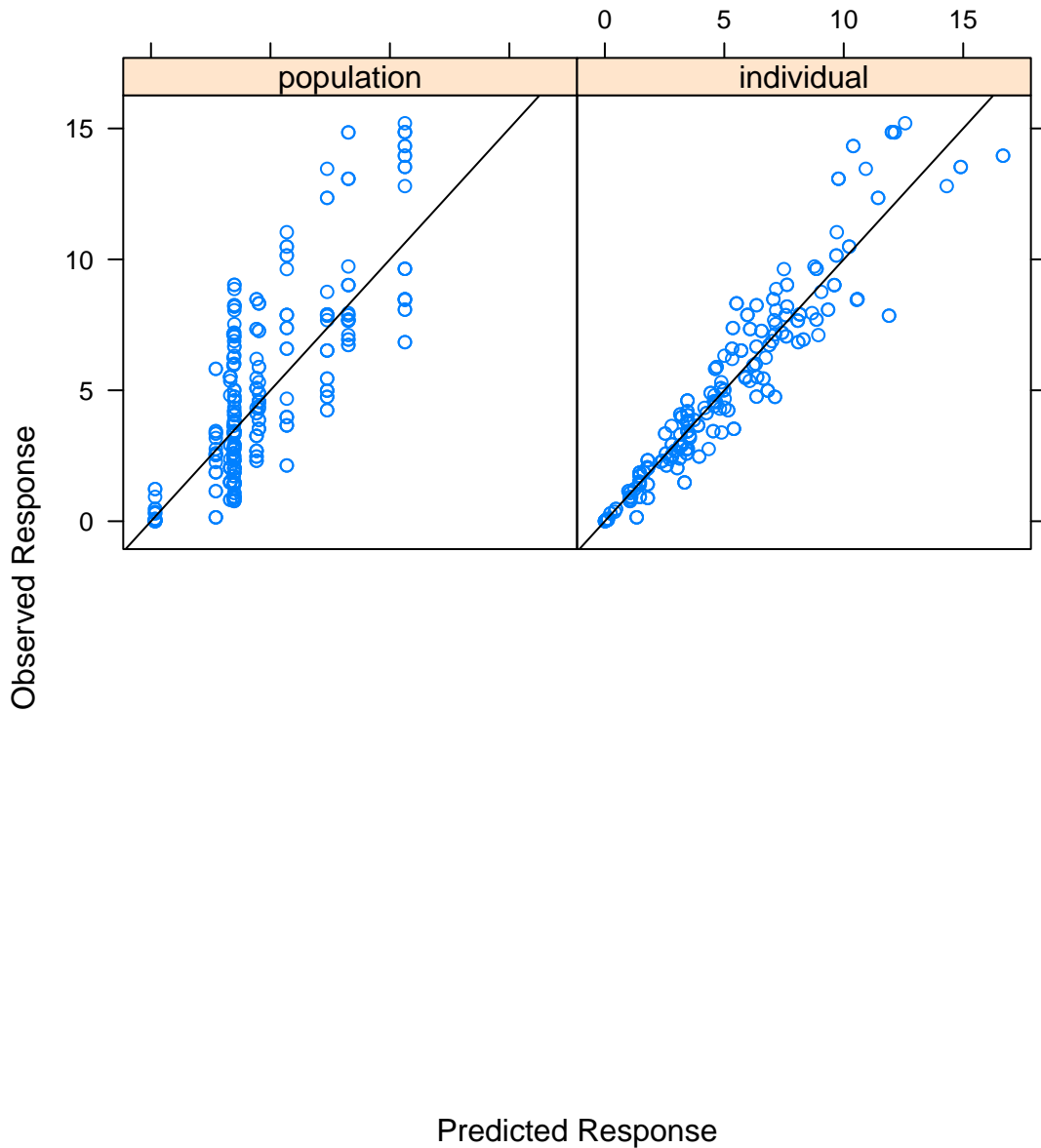
Q-Q Plot of CWRES vs. WRES for female data



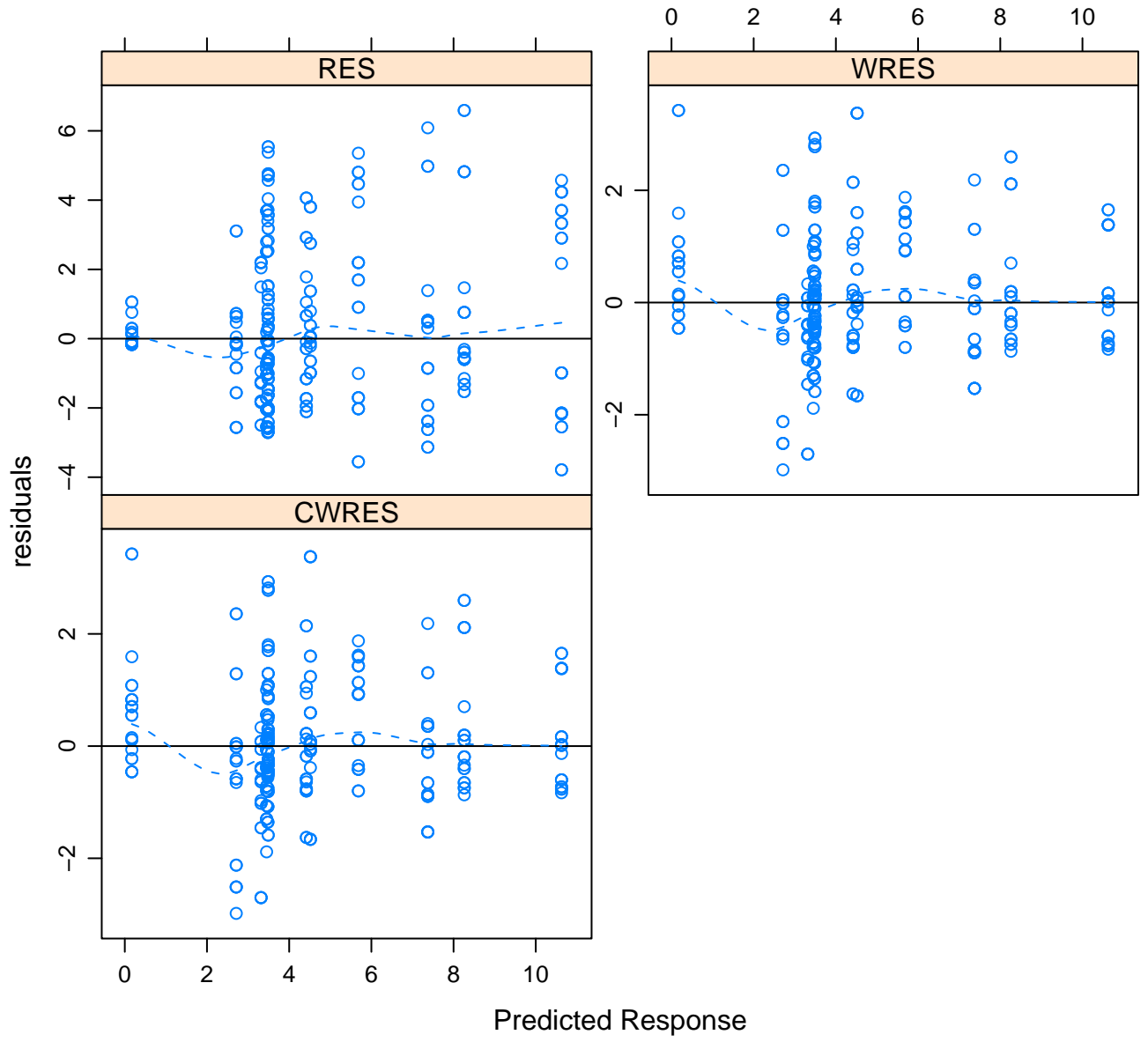
WRES

# Model 1001

## Observed vs. Predicted for male data

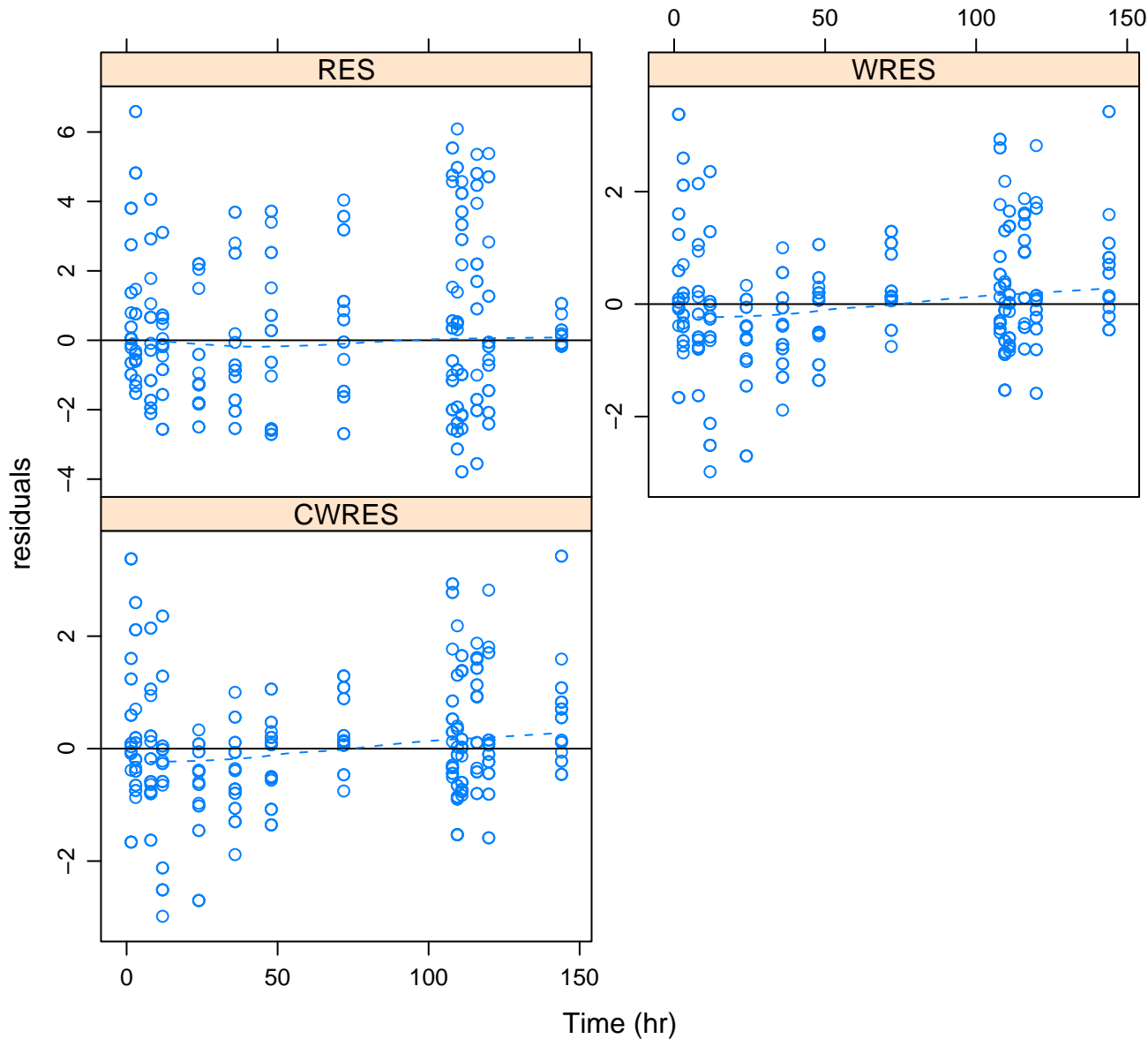


**Model 1001**  
**Residuals vs. Predicted for male data**



# Model 1001

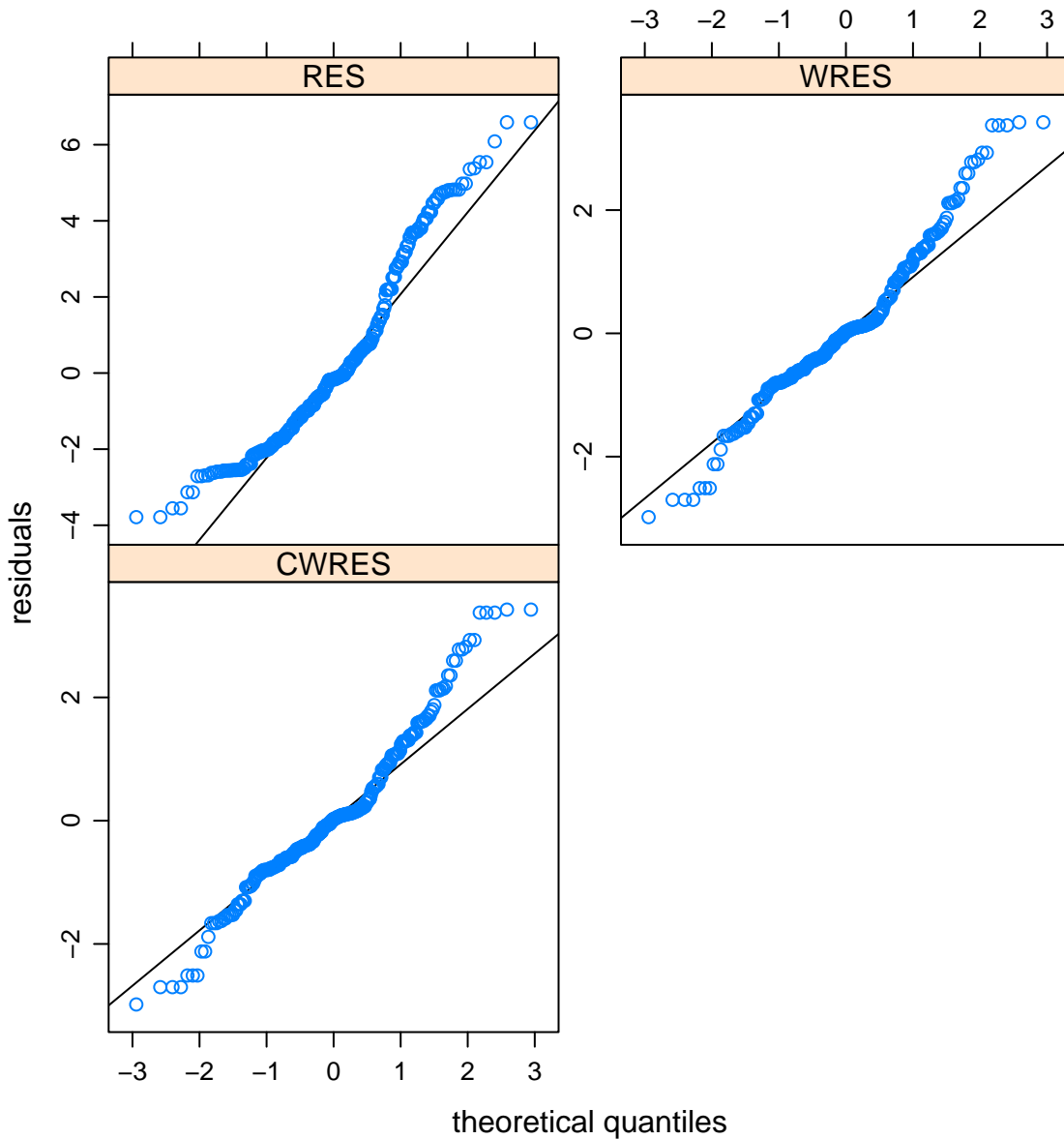
## Residuals vs. Time for male data





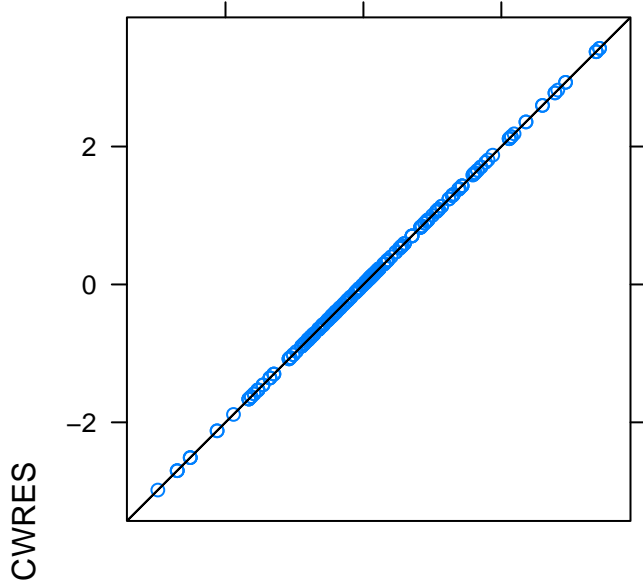
# Model 1001

## Normal Q-Q Plot Residuals for male data

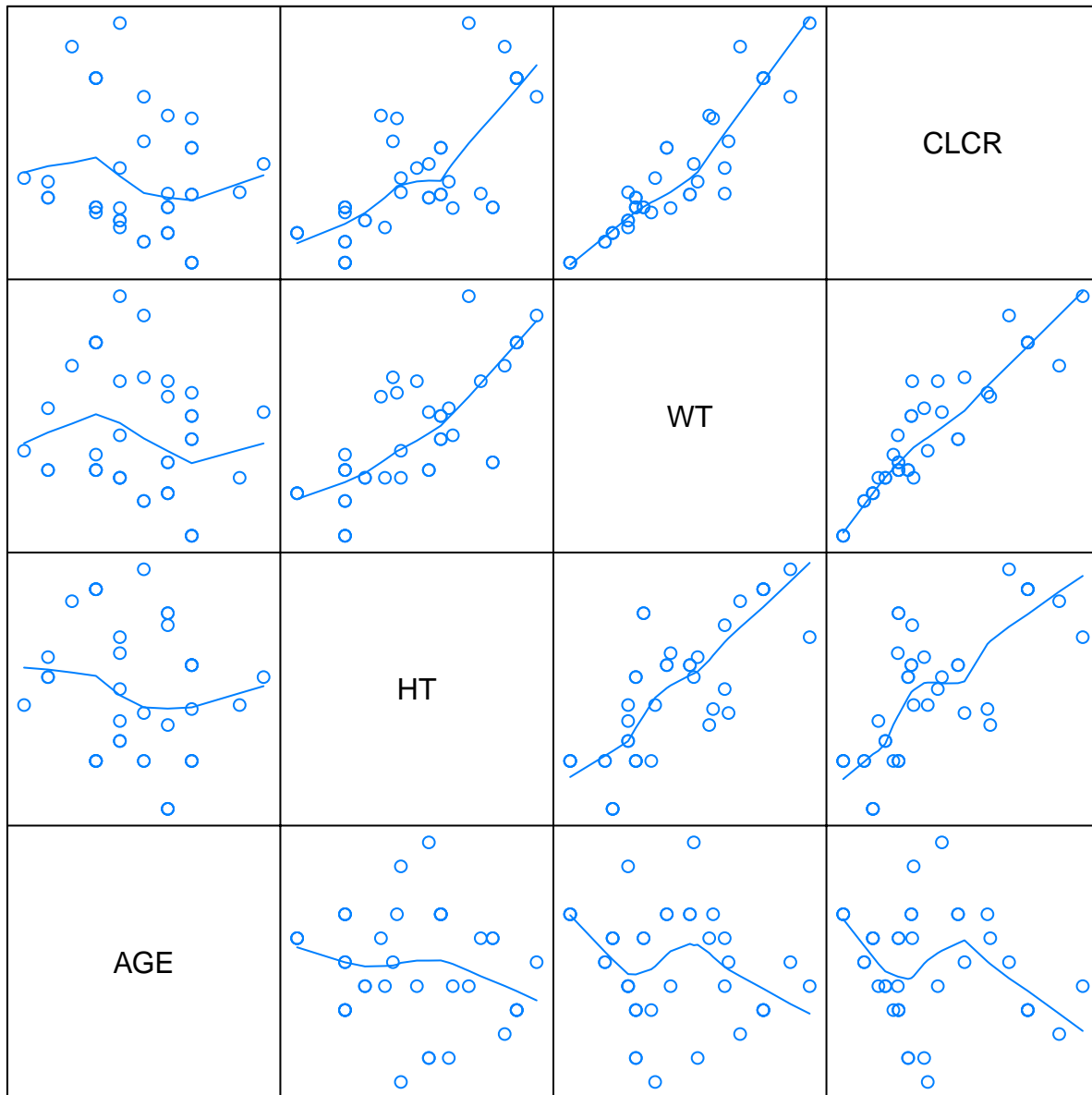


# Model 1001

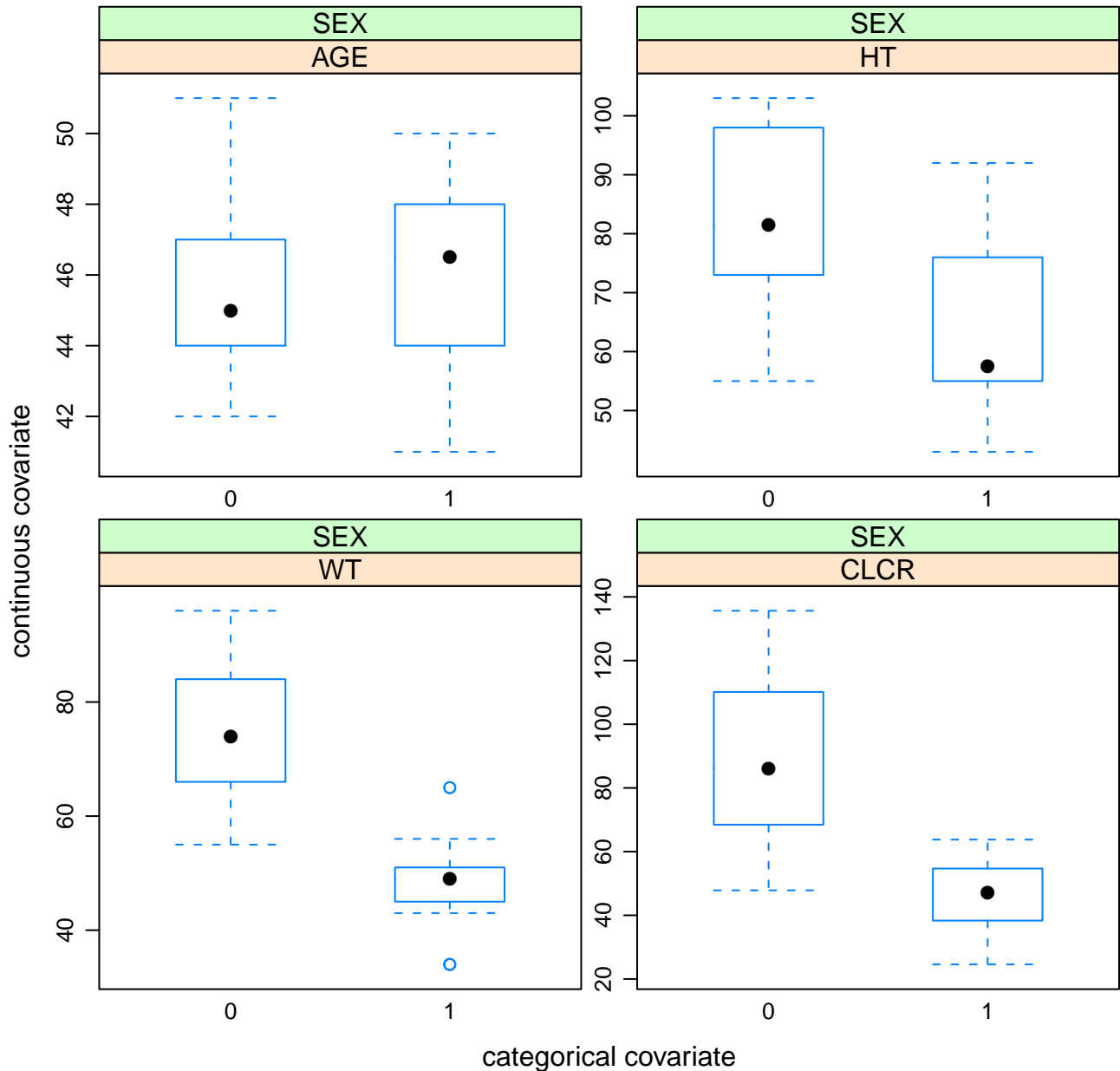
## Q-Q Plot of CWRES vs. WRES for male data



# Covariate Scatterplots



# Continuous Covariates vs. Categorical Covariates

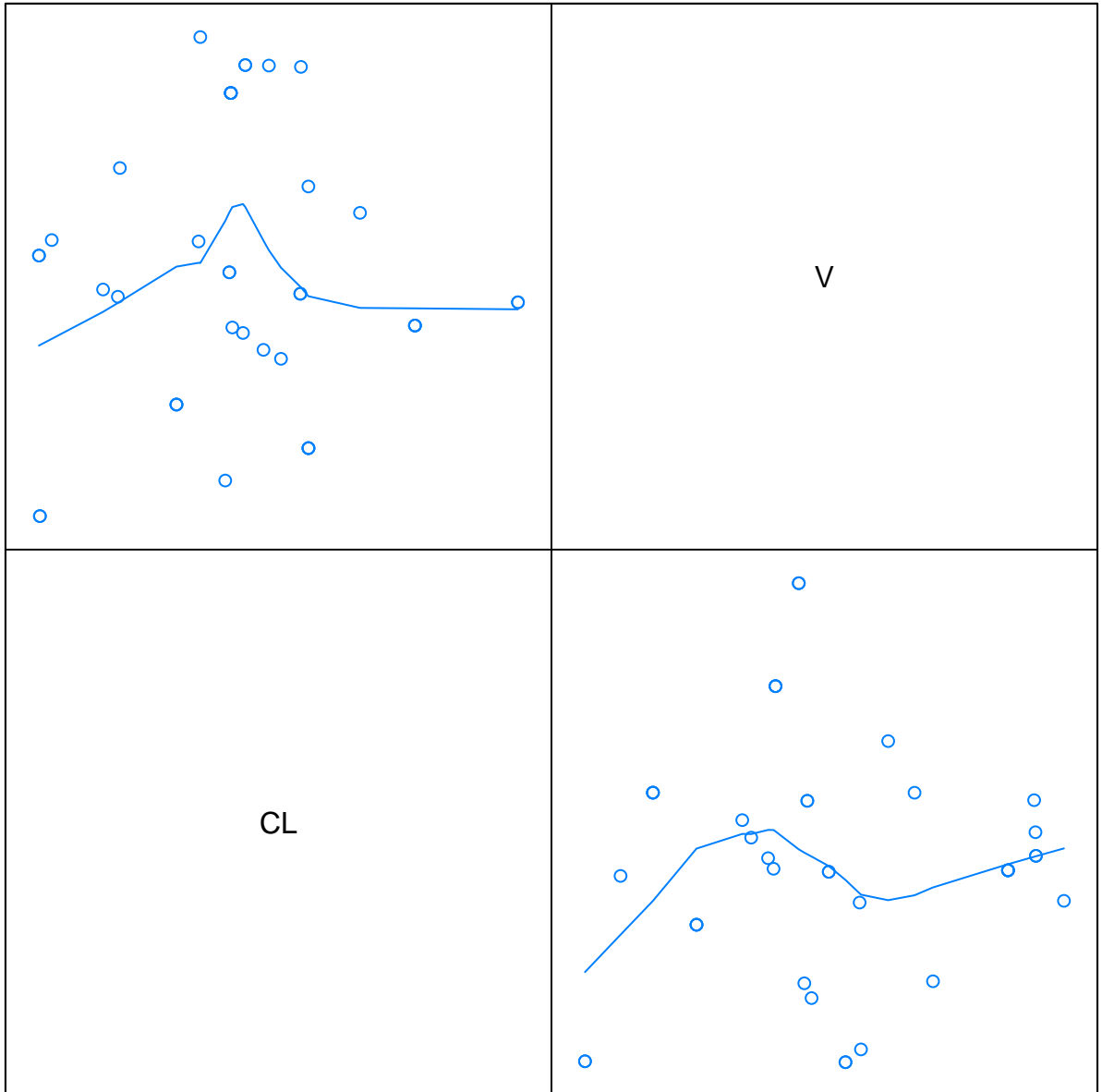


# ETA Scatterplots

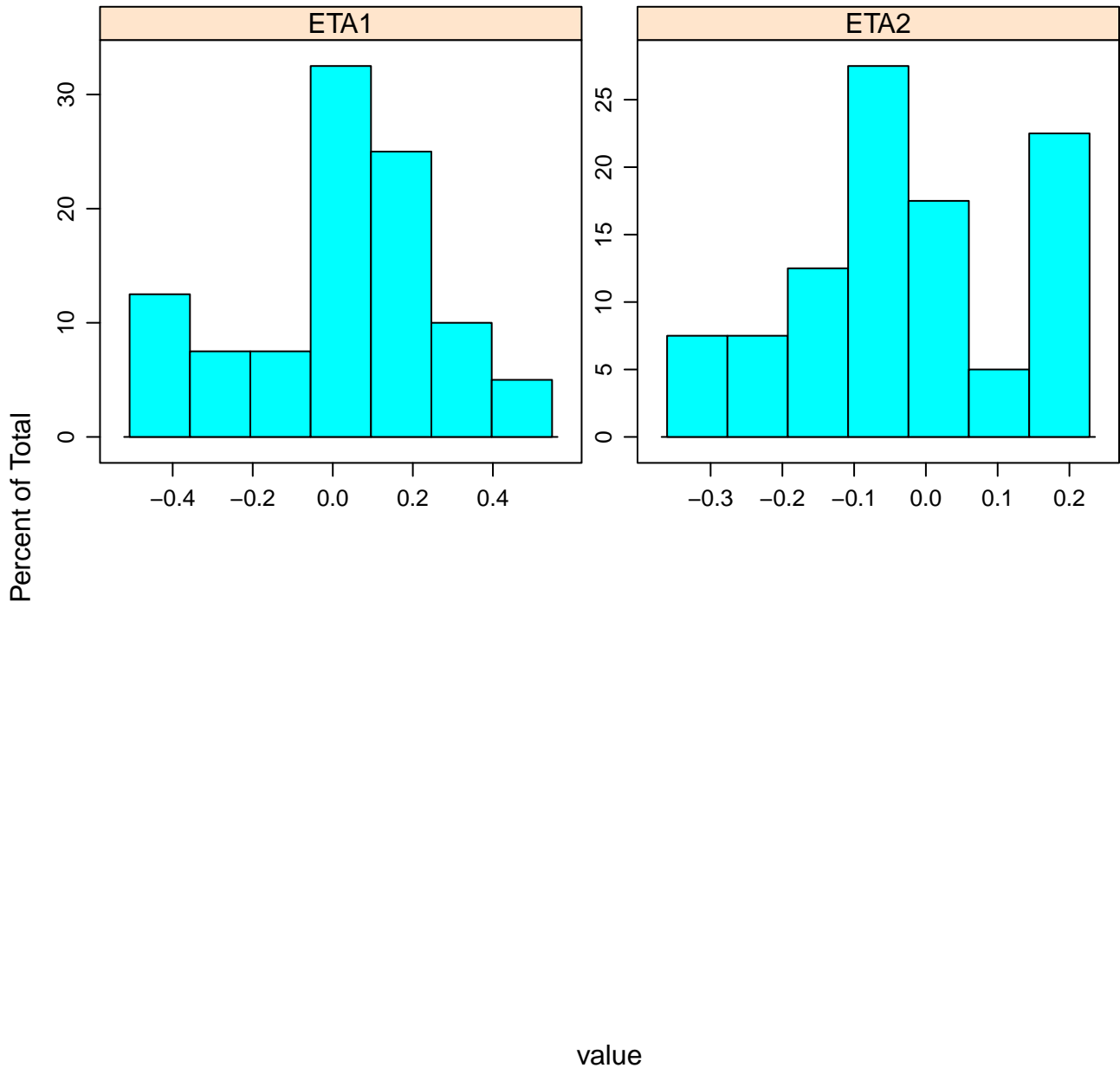
ETA2

ETA1

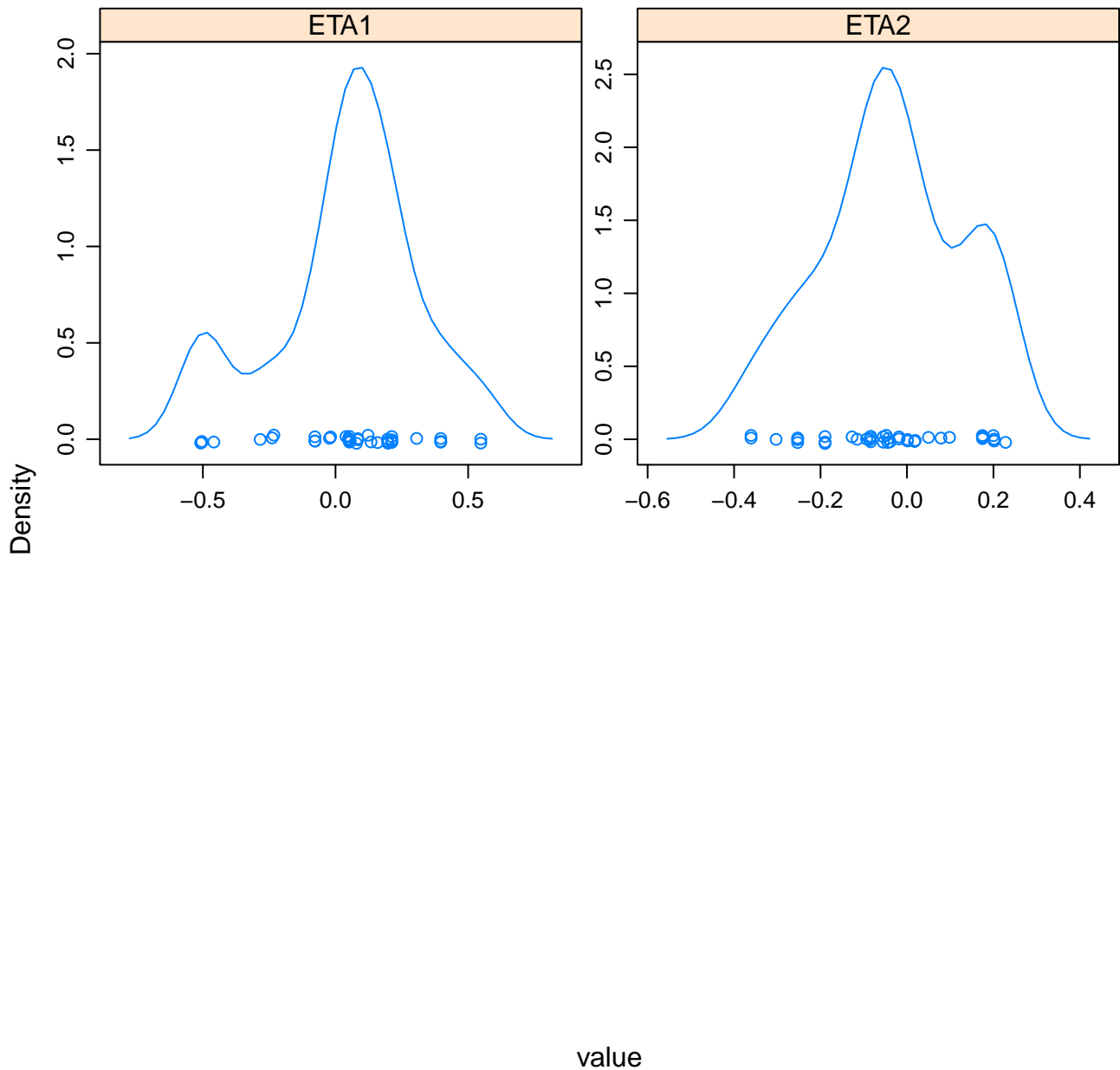
# Parameter Scatterplots



# Histograms of Etas



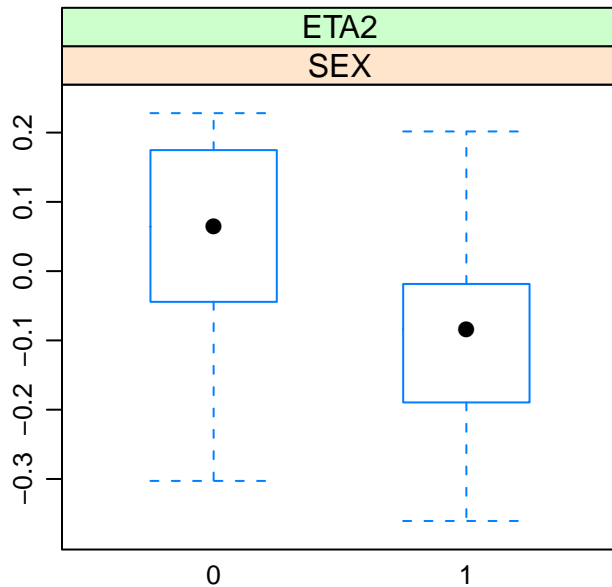
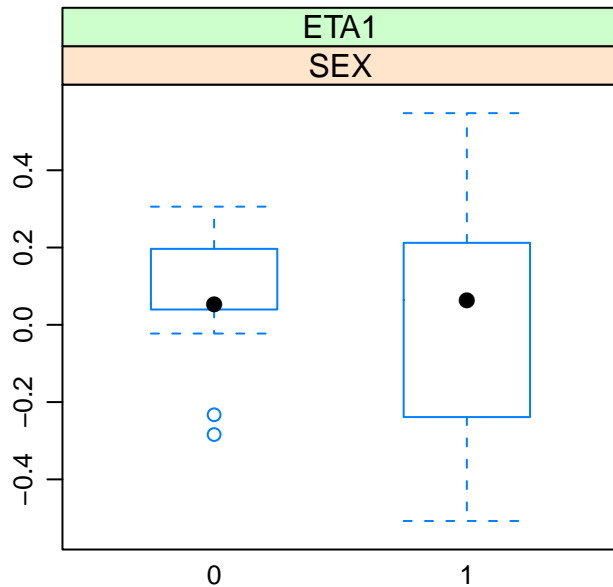
# Density of Etas





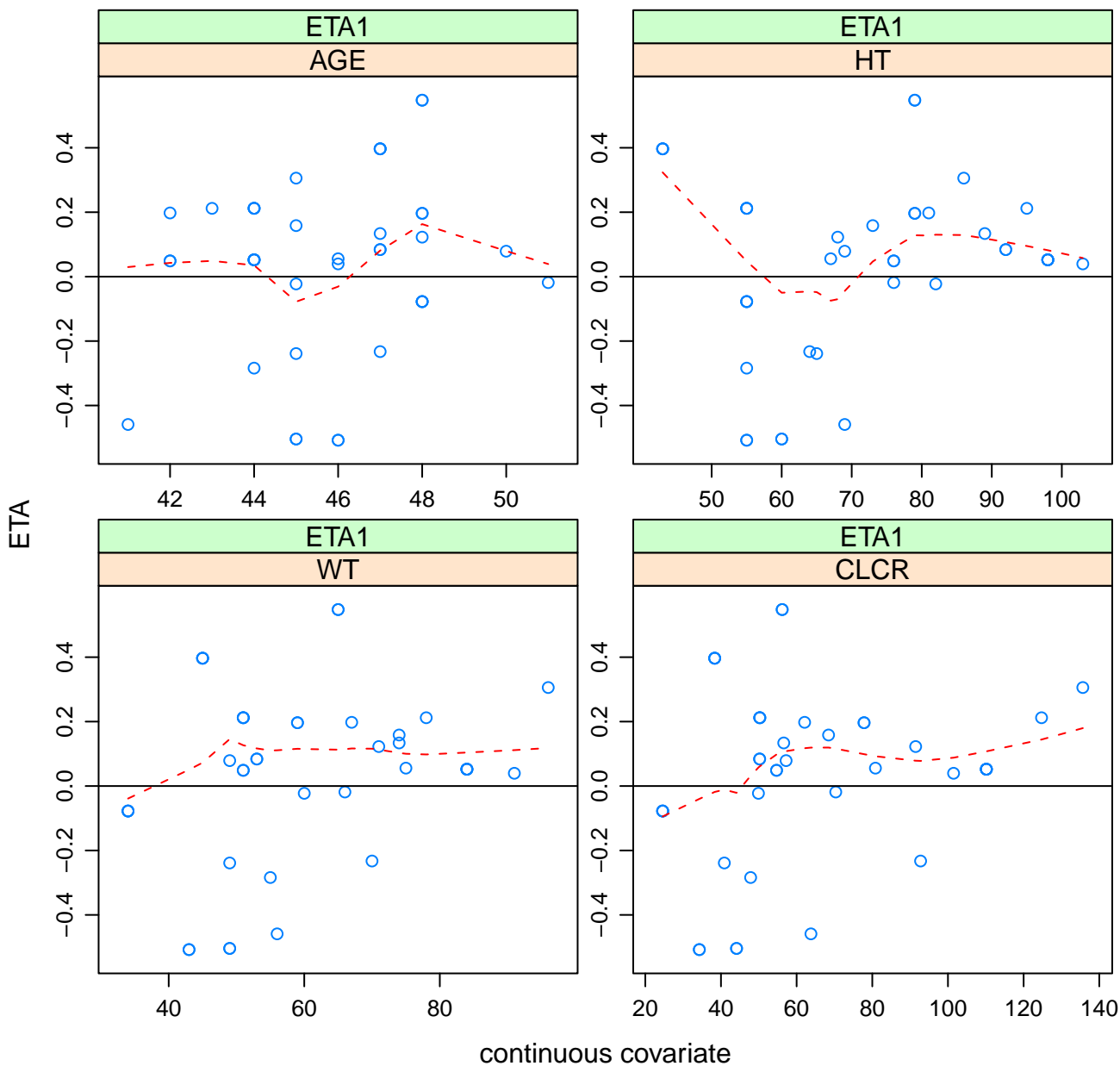
# Boxplots of Etas by Categorical Covariate

ETA

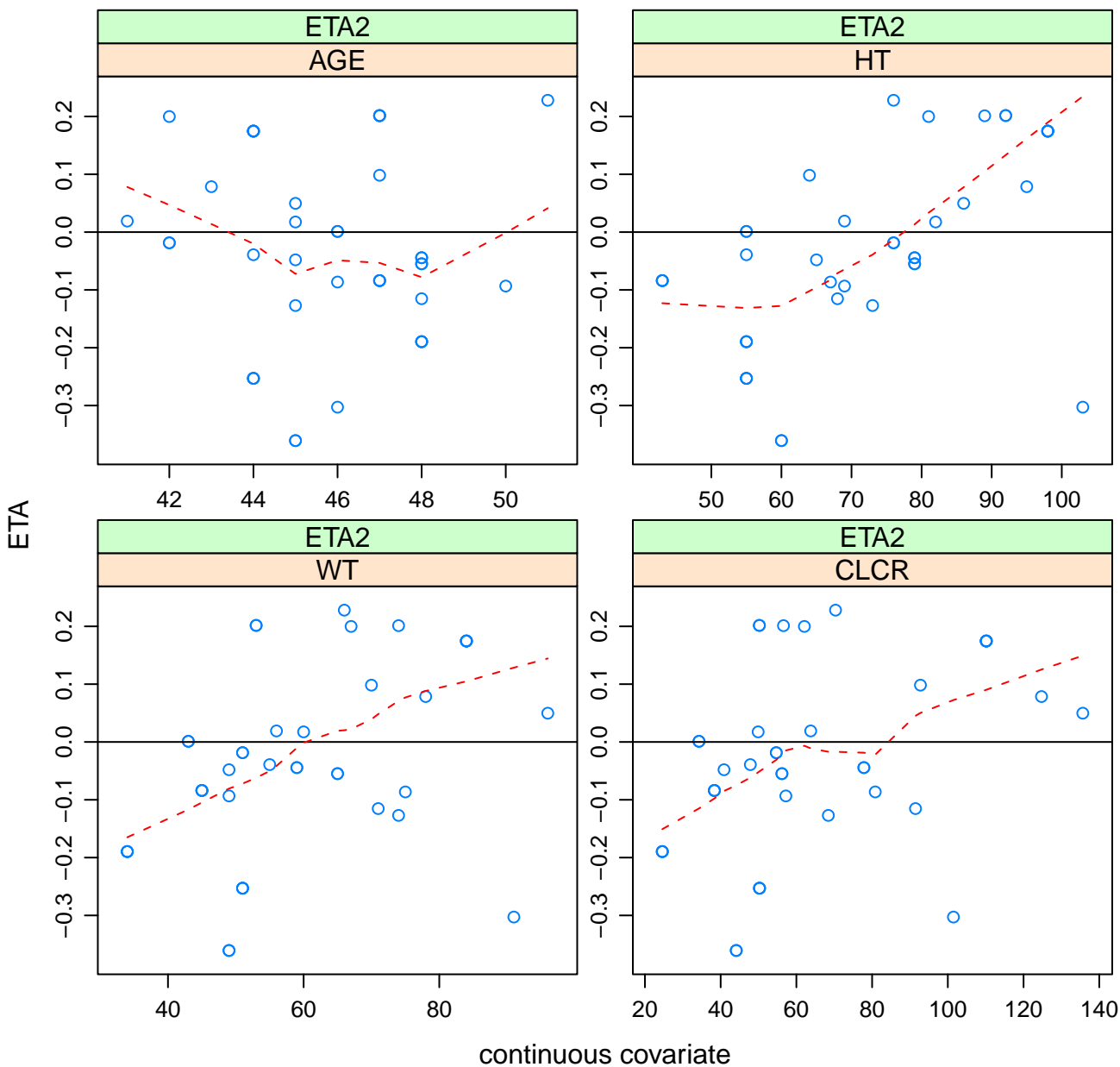


categorical covariate level

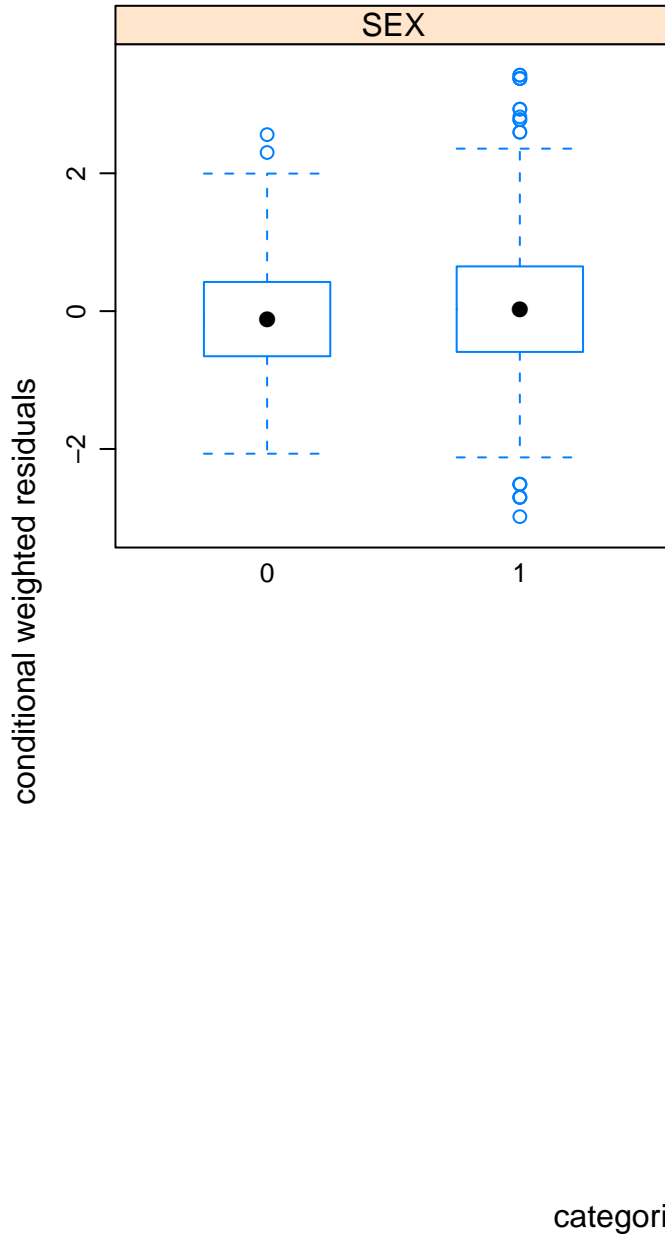
# Etas vs. Continuous Covariates



# Etas vs. Continuous Covariates



# CWRES vs. Categorical Covariates



# CWRES vs. Continuous Covariates

