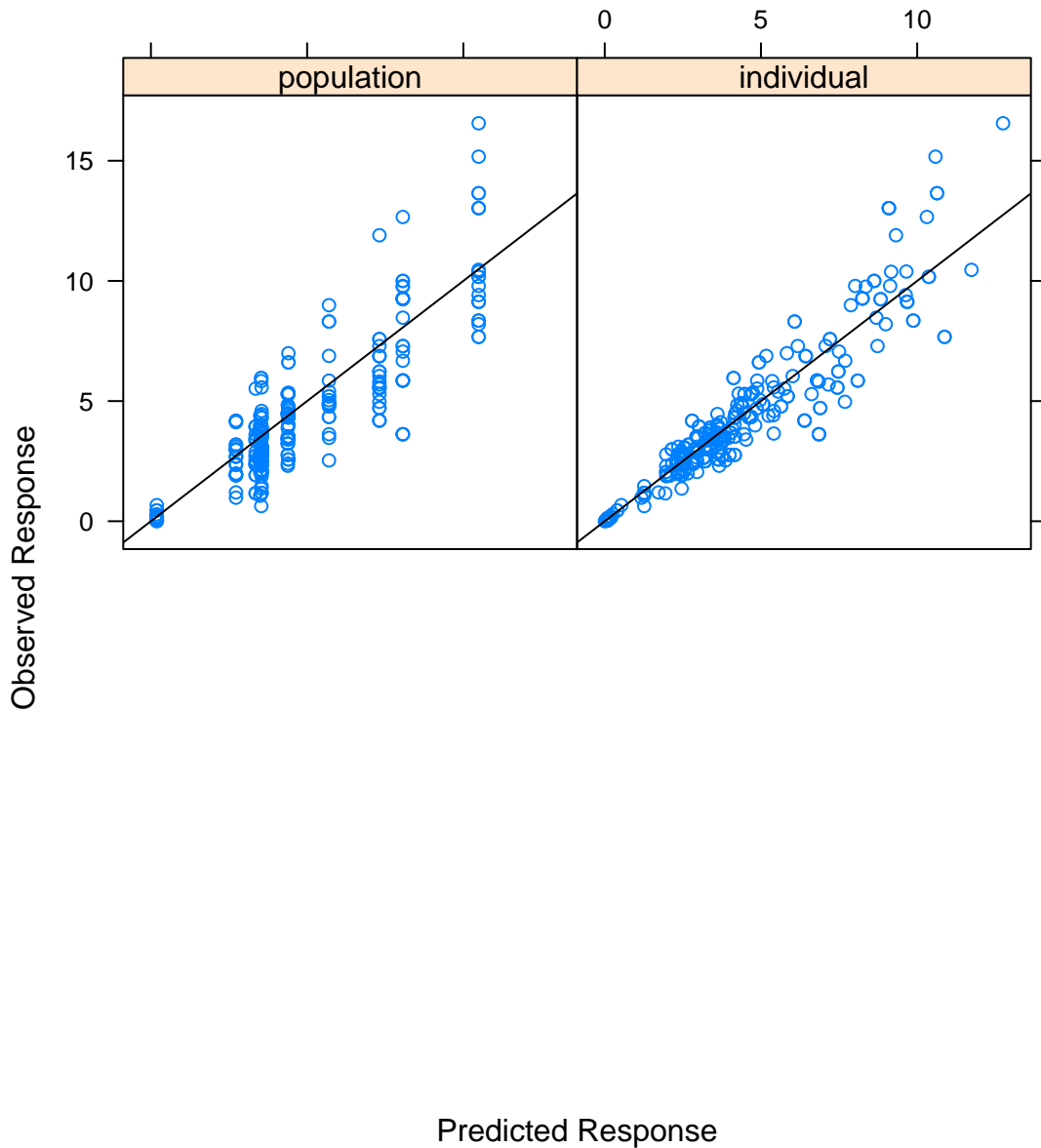


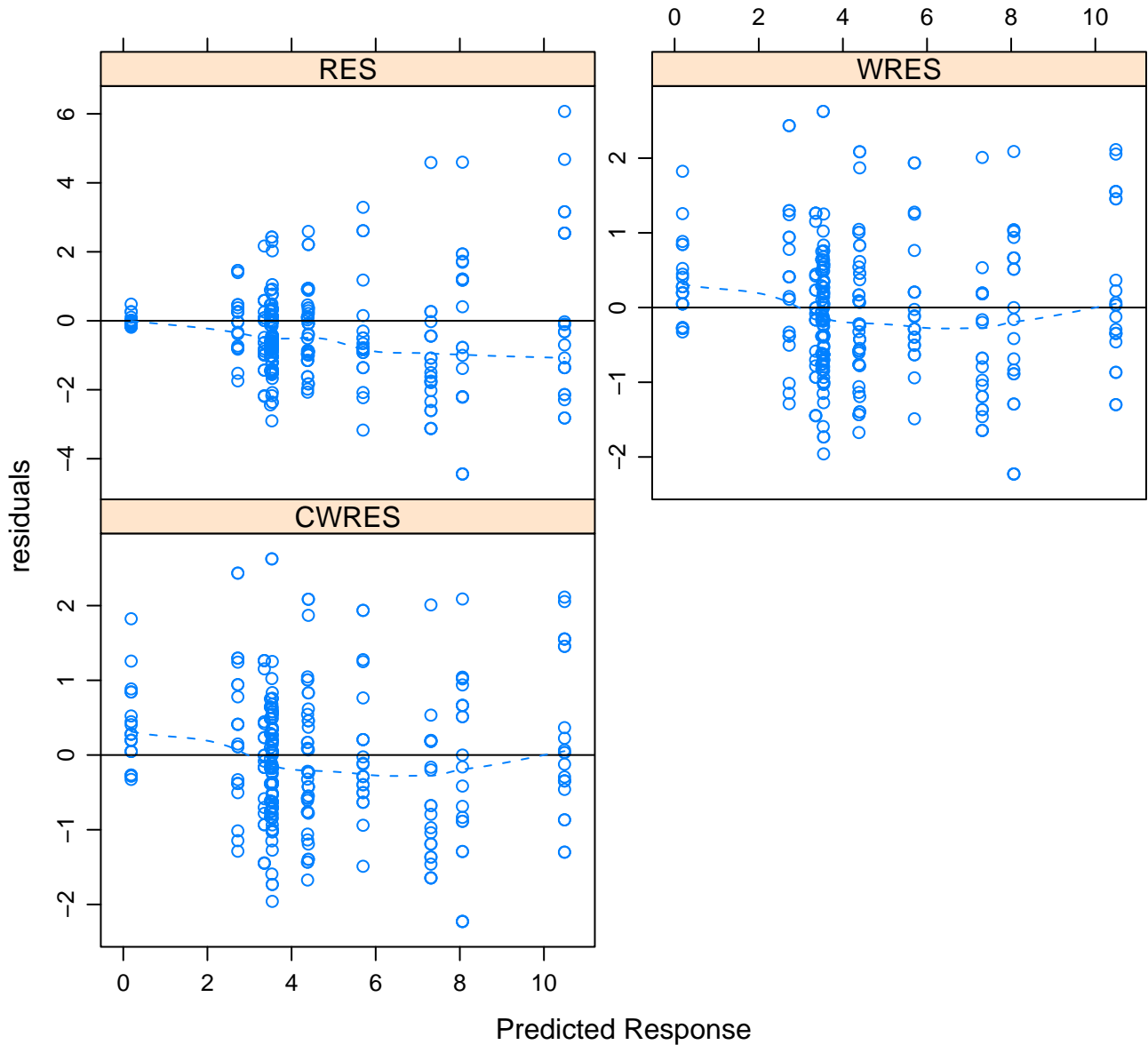
# Model 1003

## Observed vs. Predicted for female data



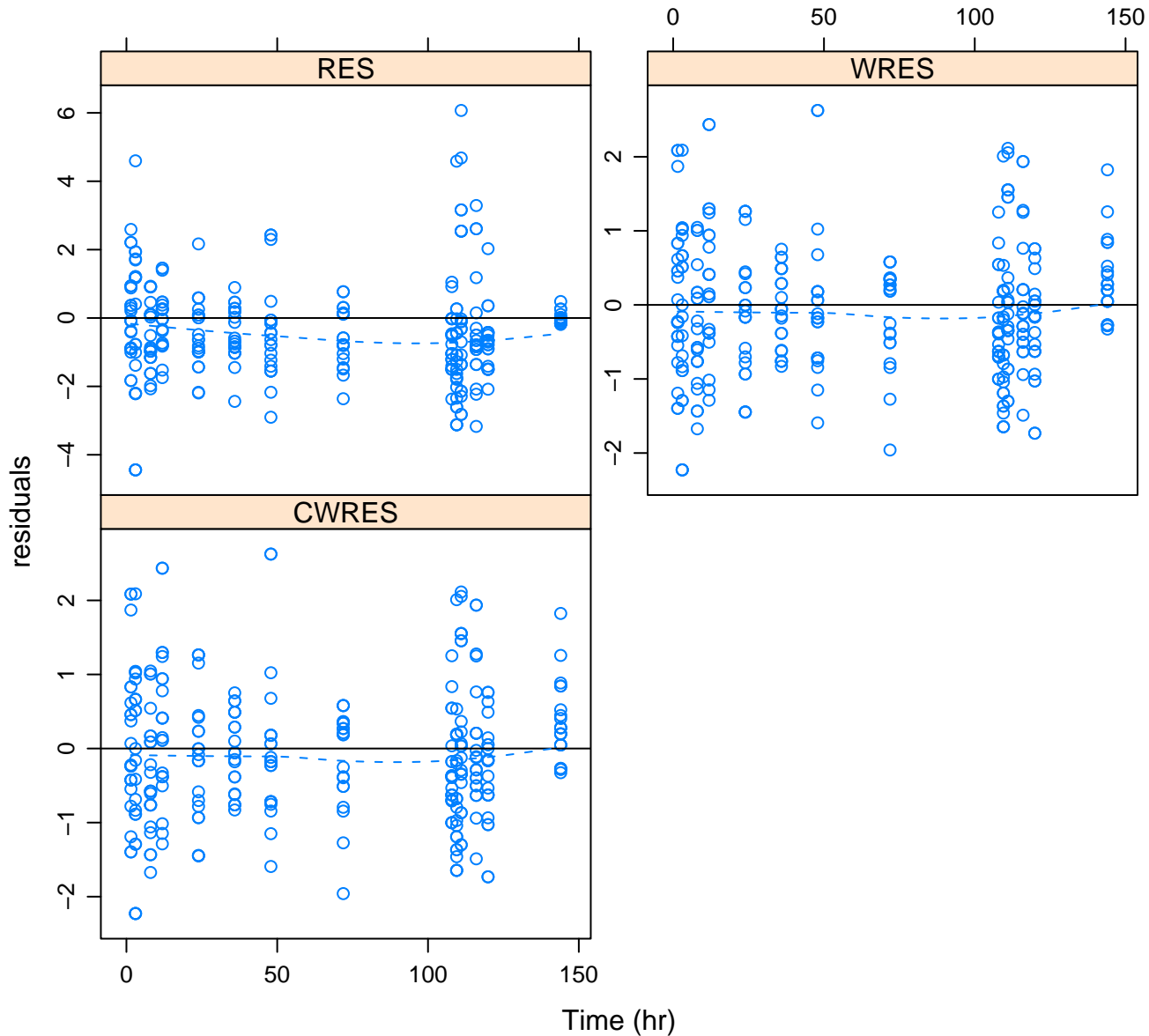
# Model 1003

## Residuals vs. Predicted for female data



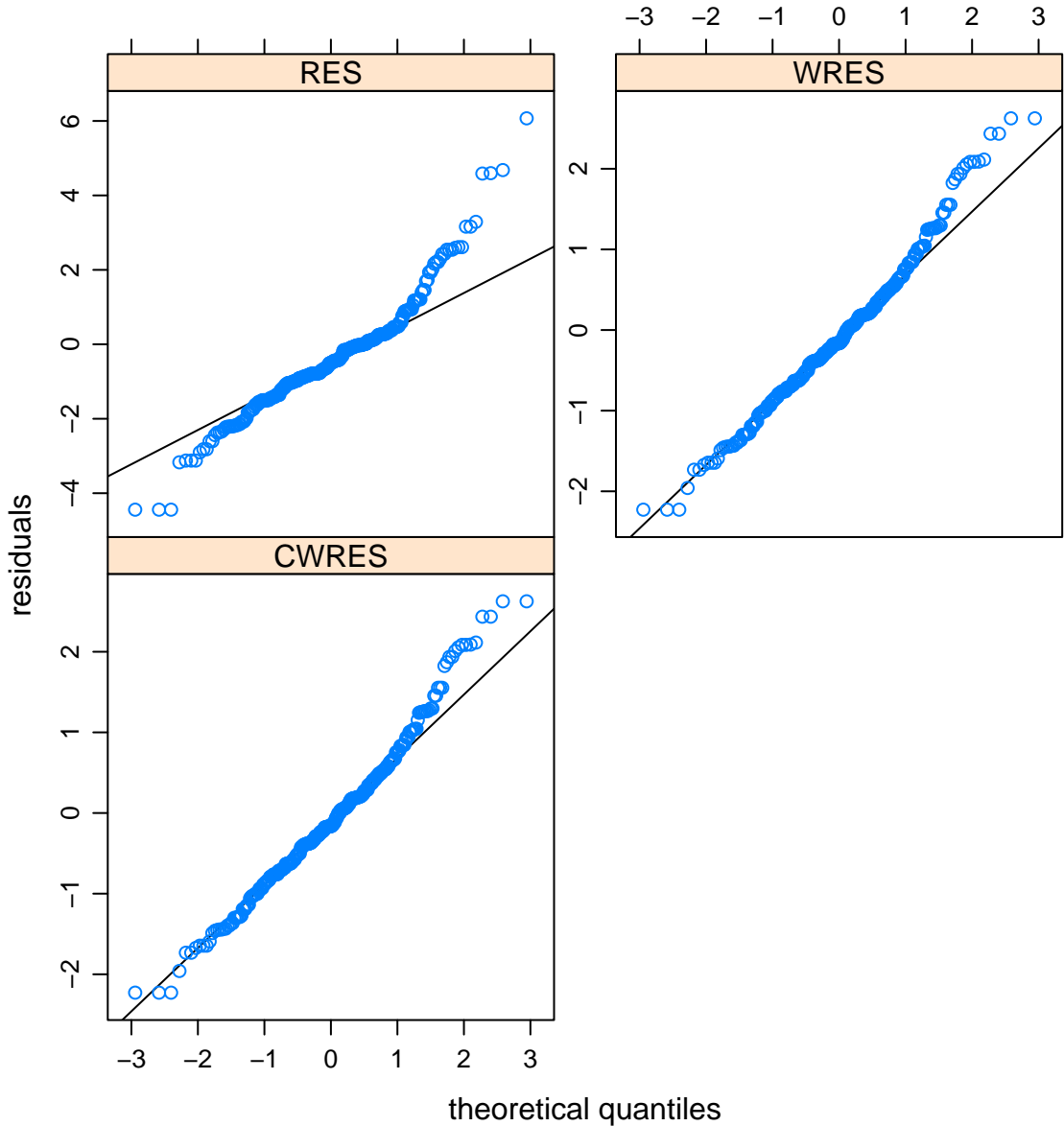
# Model 1003

## Residuals vs. Time for female data



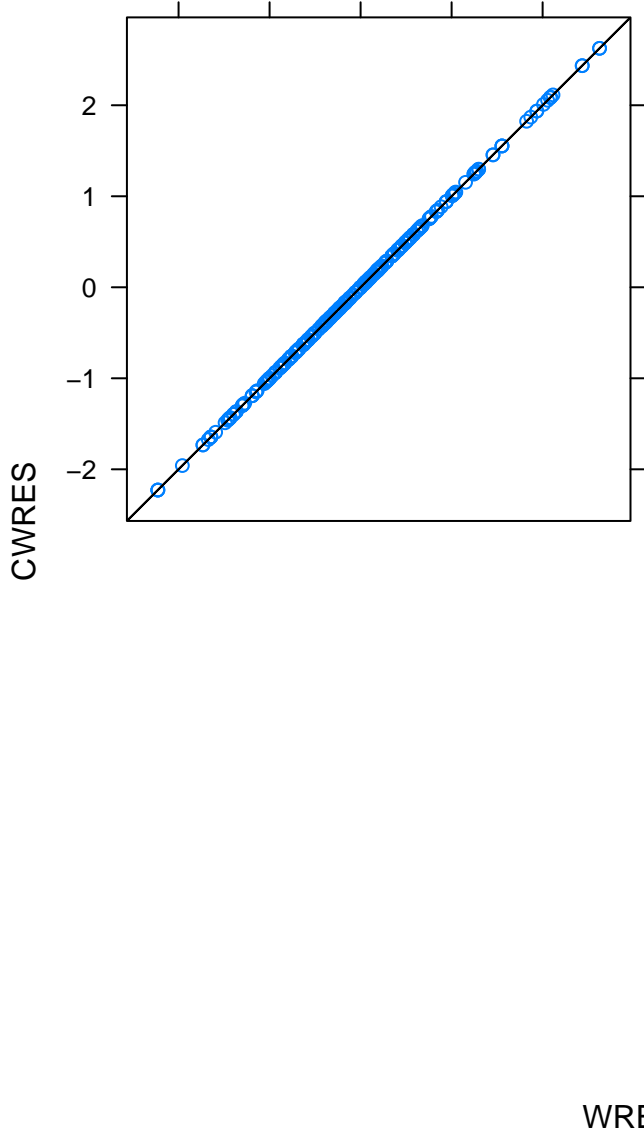
# Model 1003

## Normal Q-Q Plot Residuals for female data



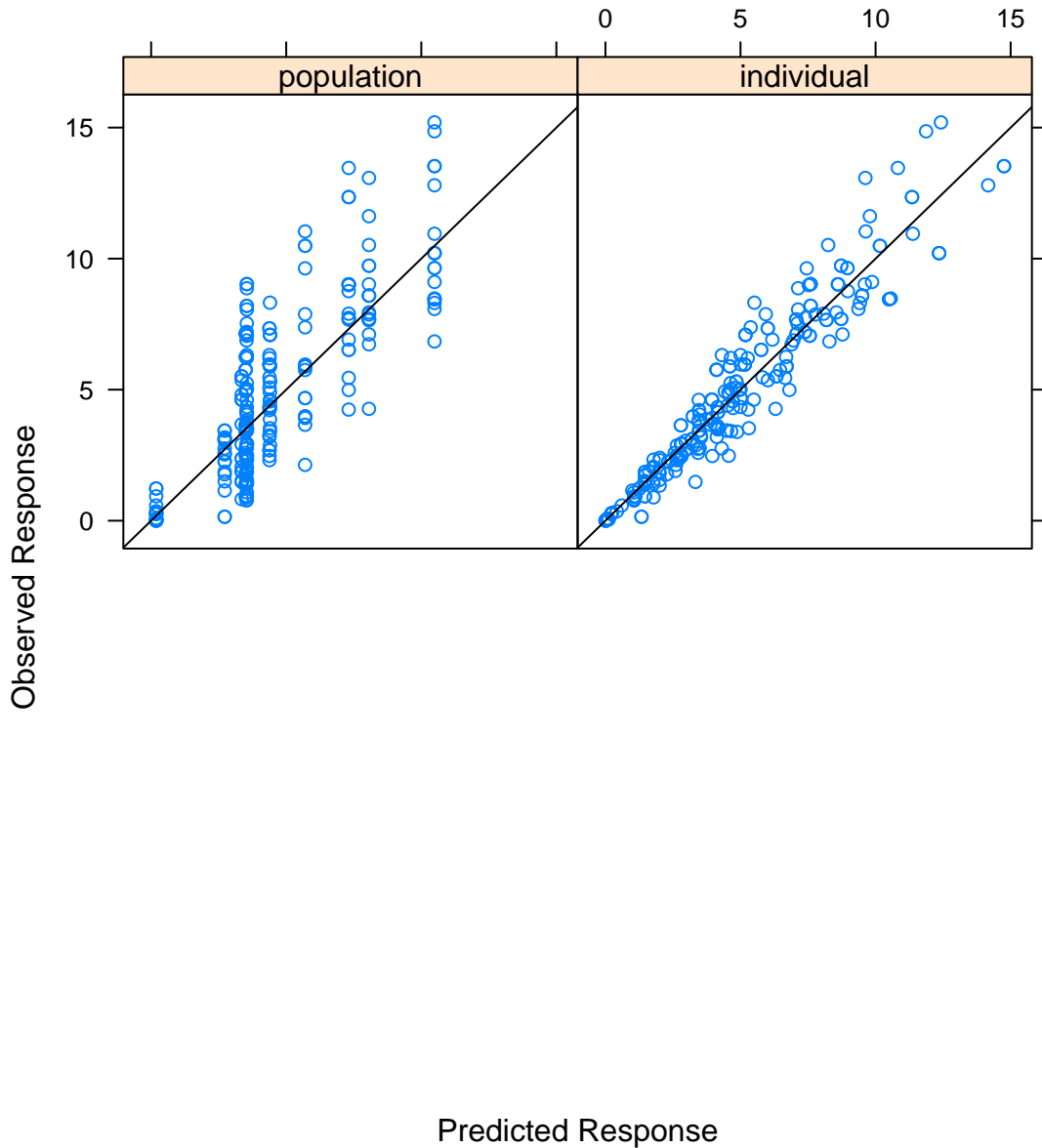
**Model 1003**

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

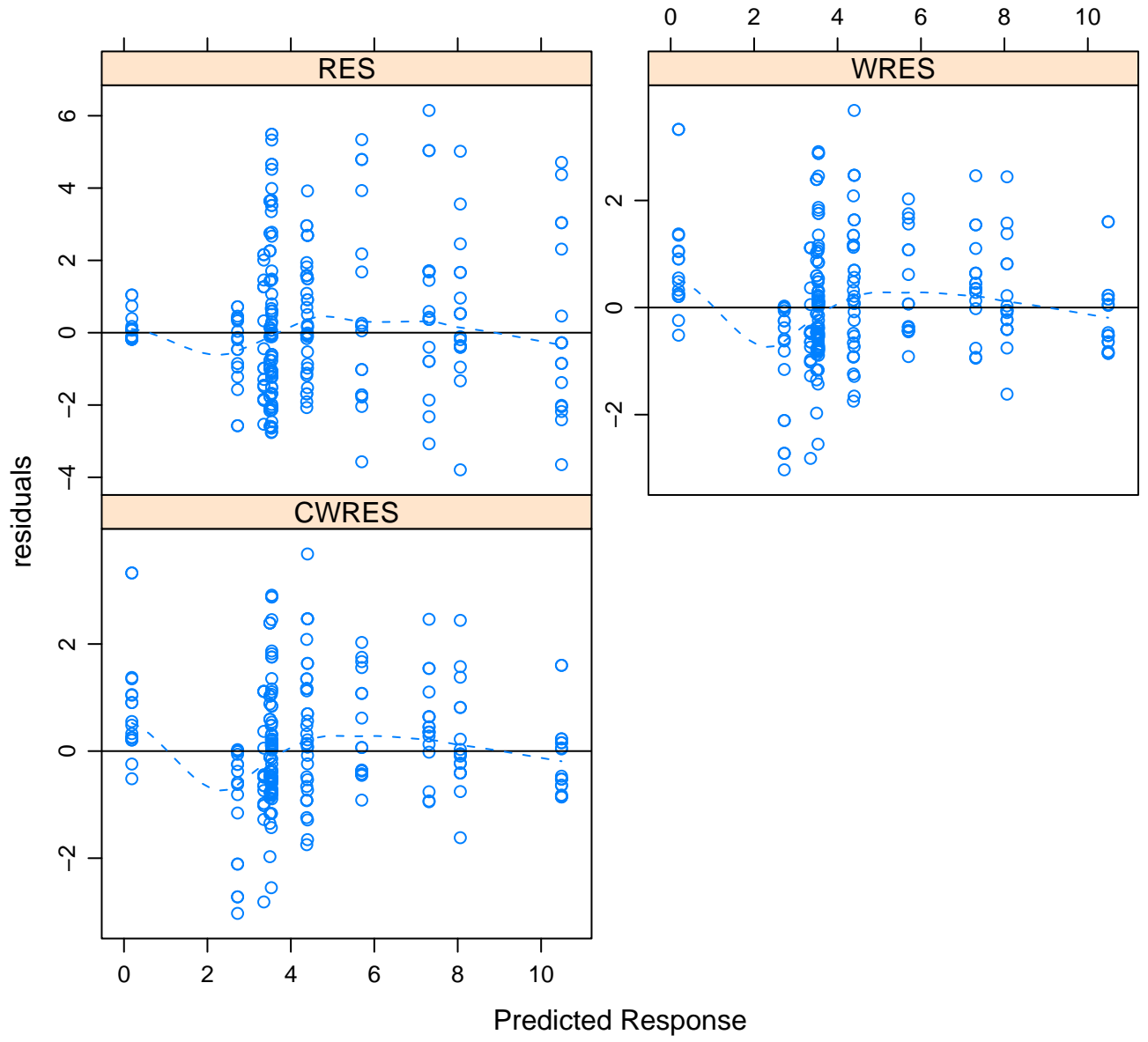


# Model 1003

## Observed vs. Predicted for male data

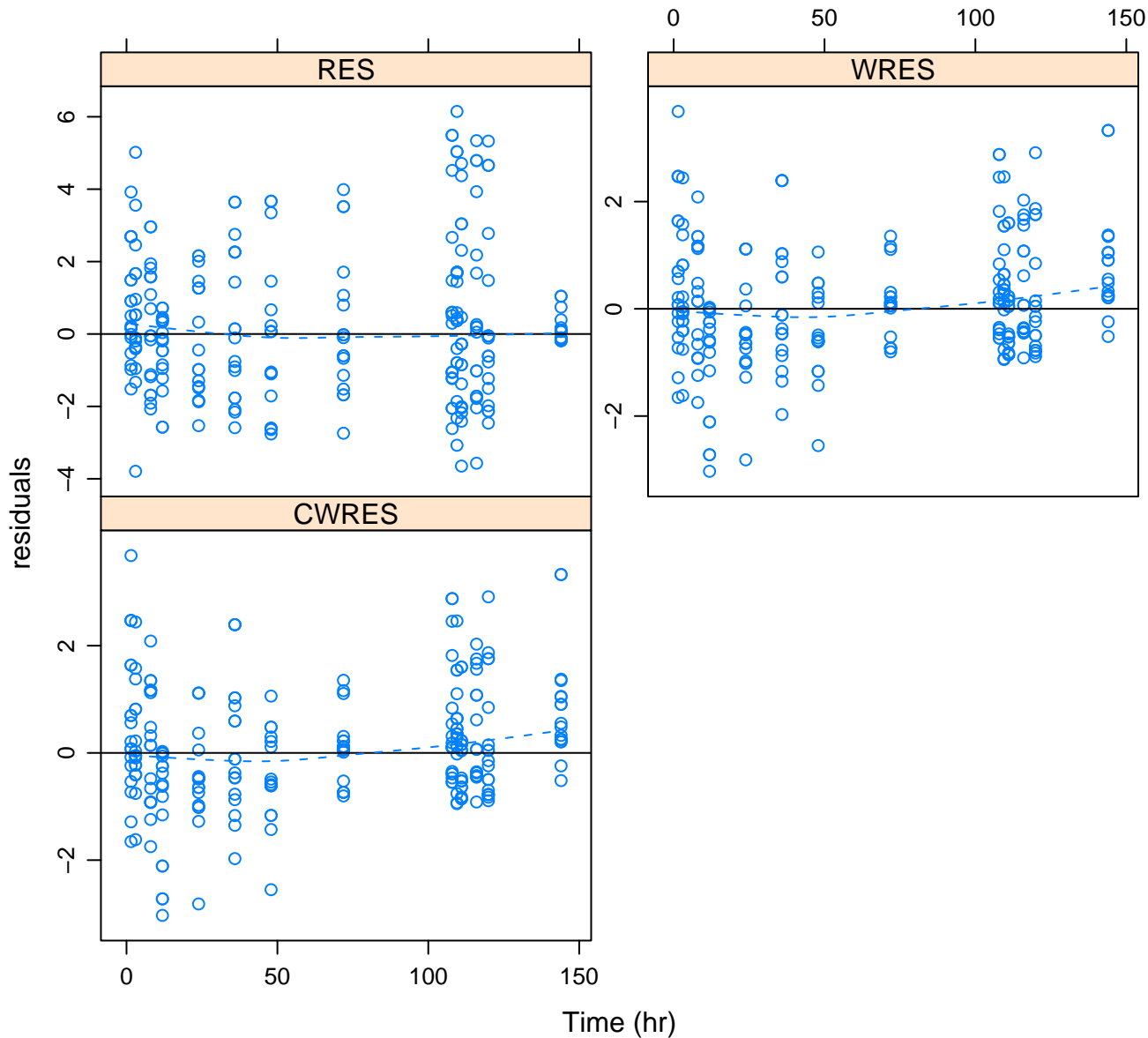


**Model 1003**  
**Residuals vs. Predicted for male data**



# Model 1003

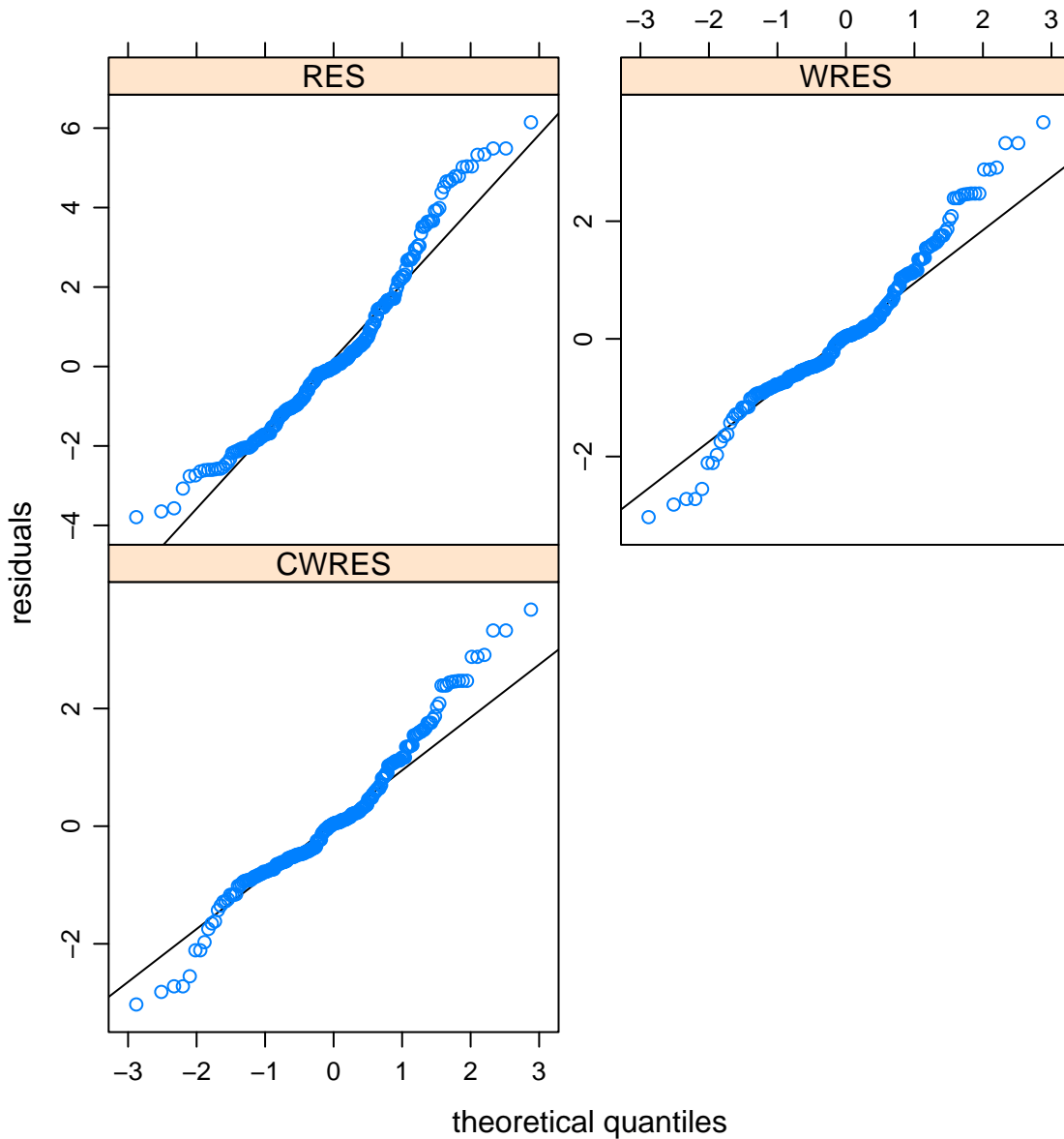
## Residuals vs. Time for male data





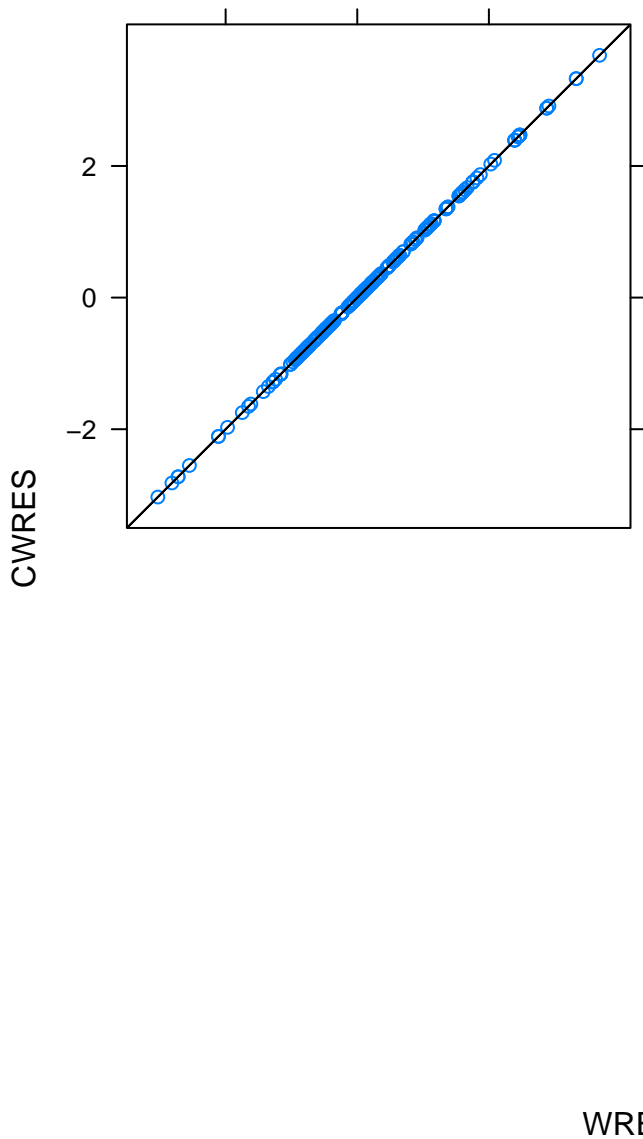
# Model 1003

## Normal Q-Q Plot Residuals for male data

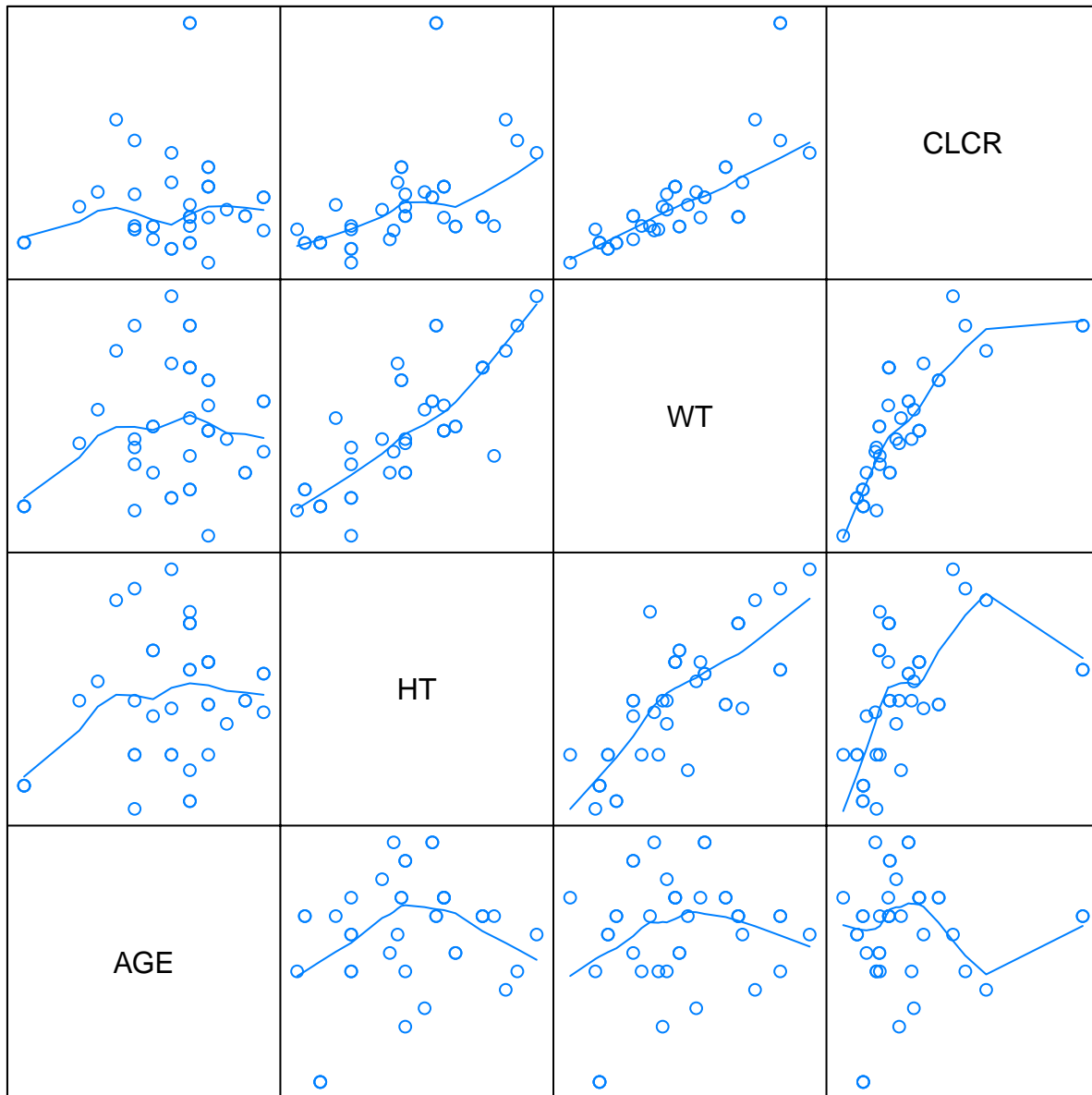


# Model 1003

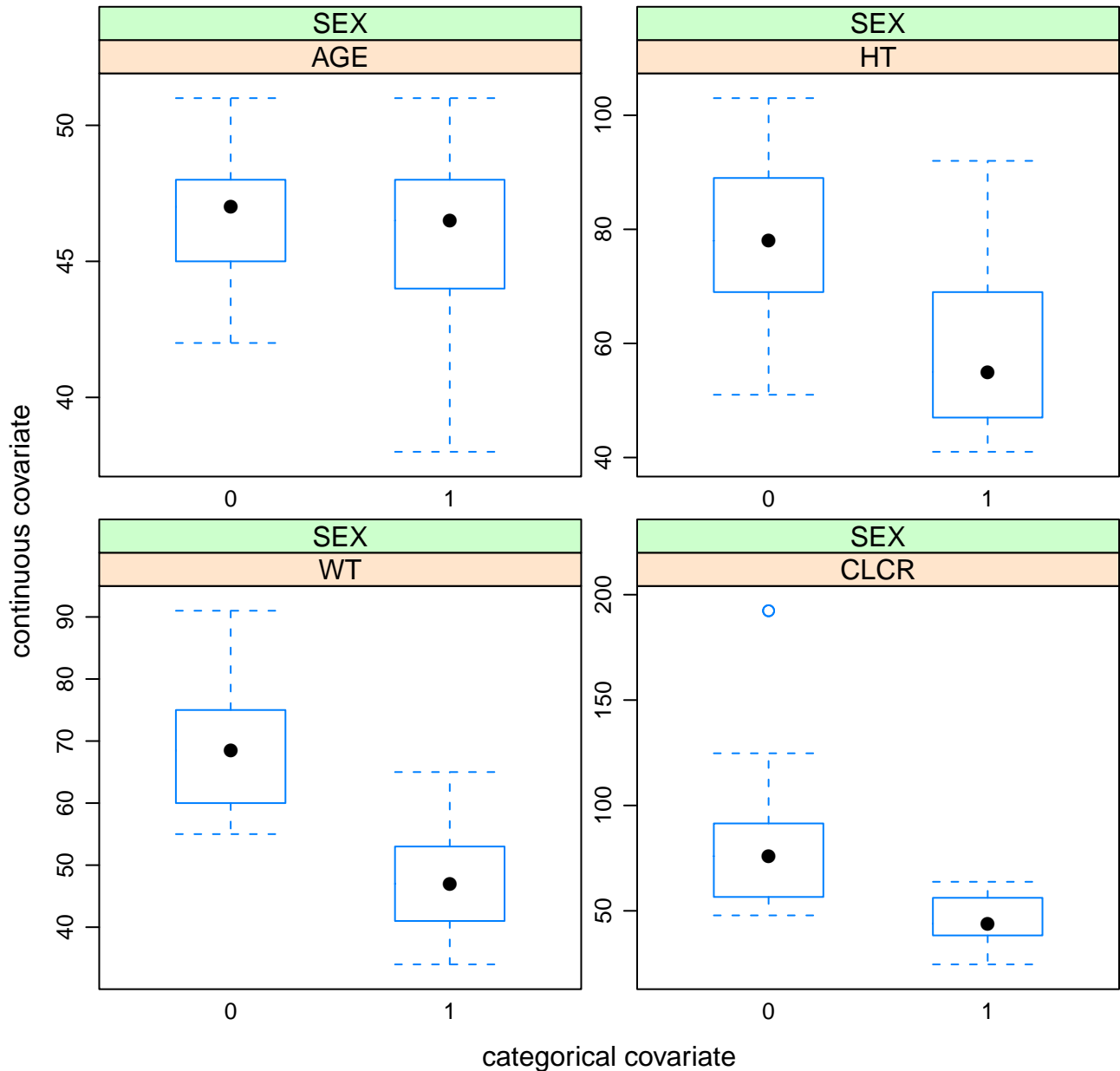
## Q-Q Plot of CWRES vs. WRES for male data



# Covariate Scatterplots



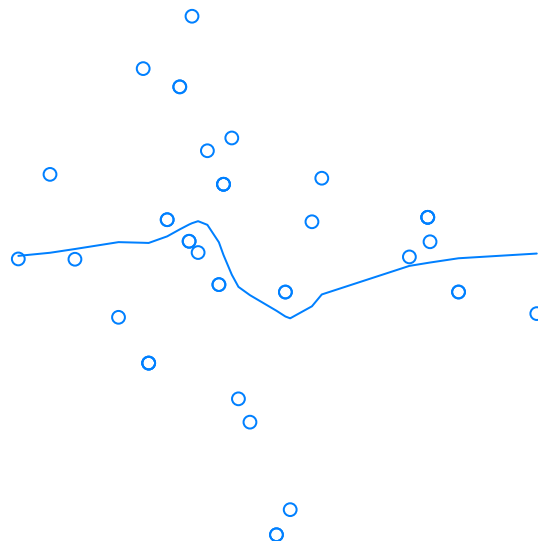
# Continuous Covariates vs. Categorical Covariates



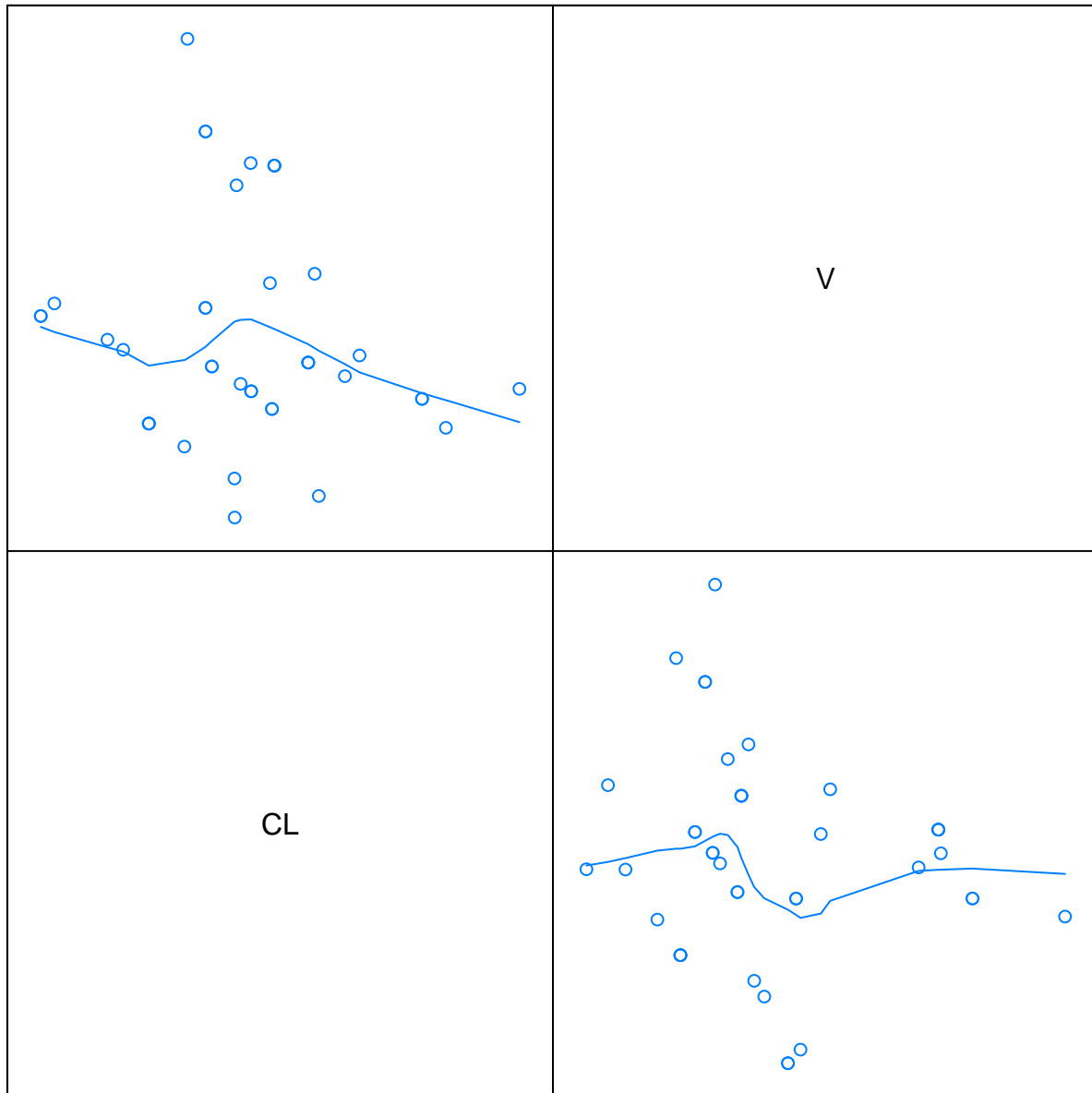
# ETA Scatterplots

ETA2

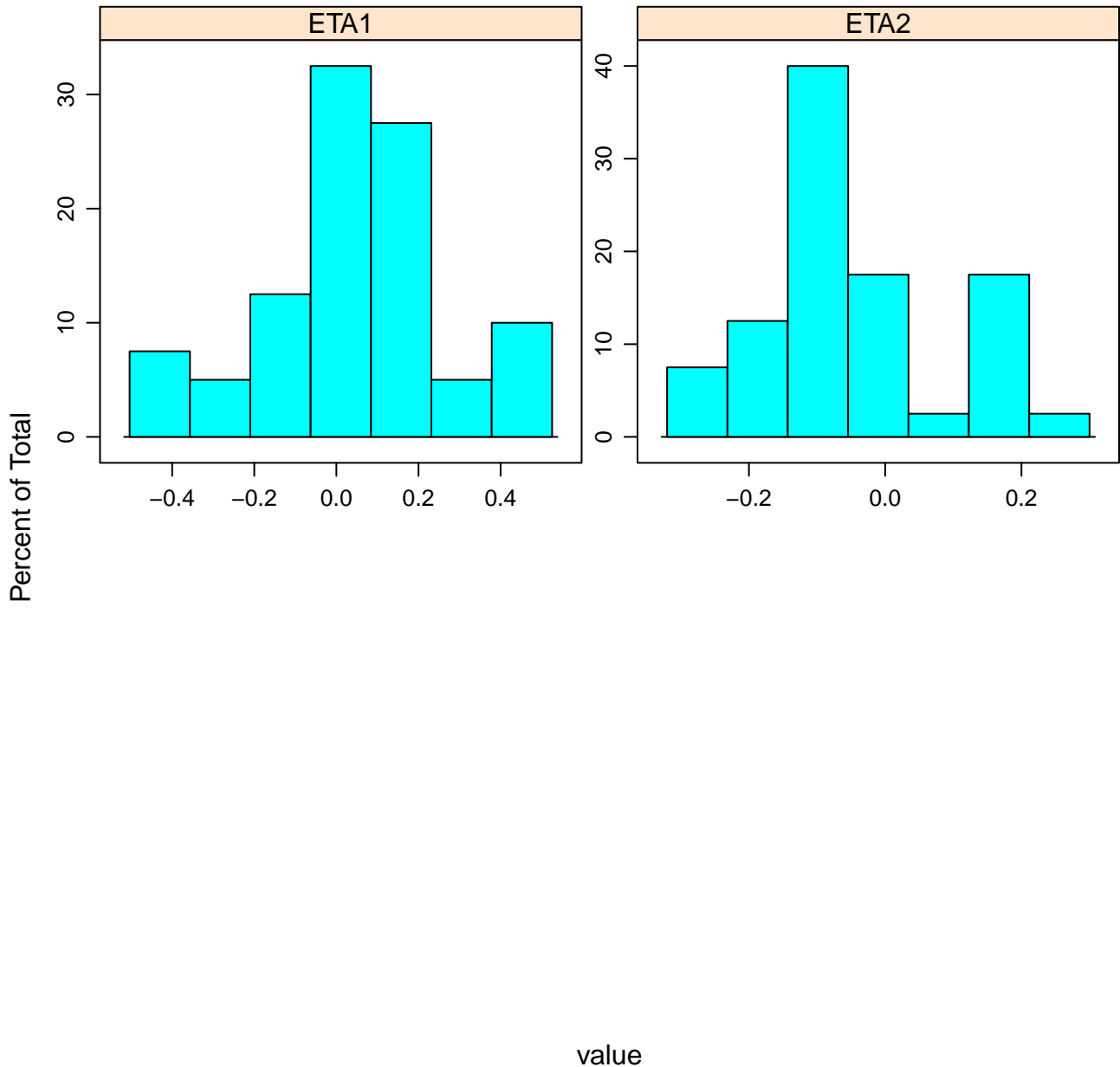
ETA1



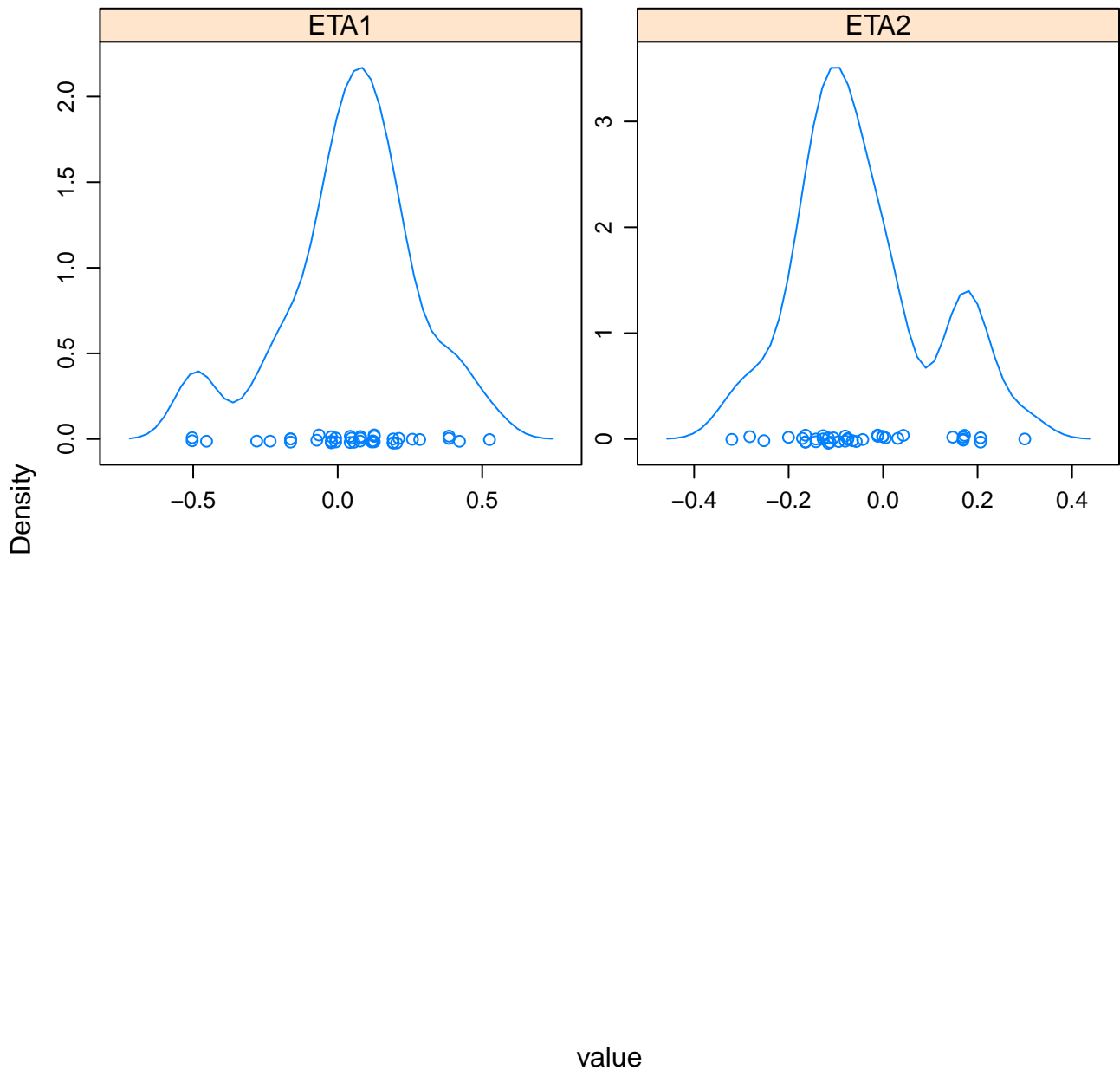
# Parameter Scatterplots



# Histograms of Etas



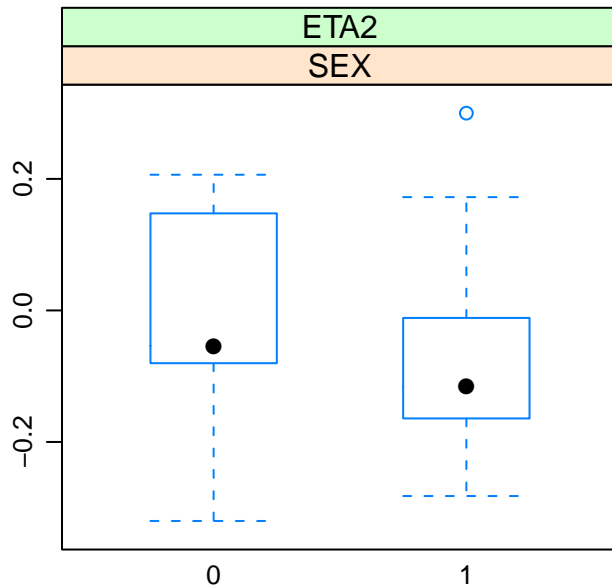
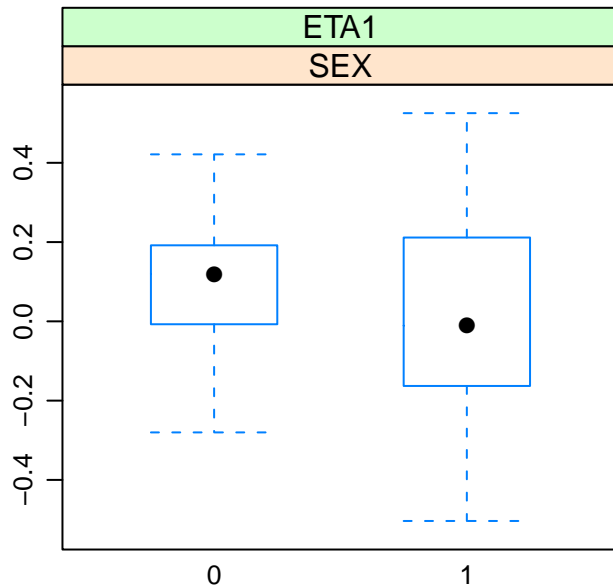
# Density of Etas





# Boxplots of Etas by Categorical Covariate

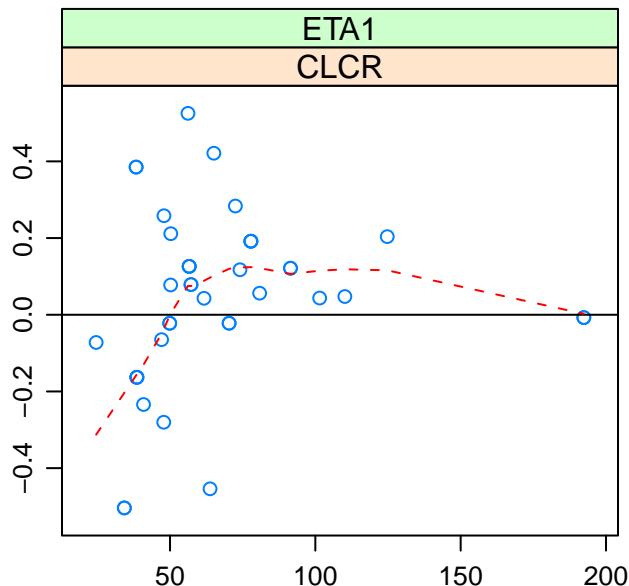
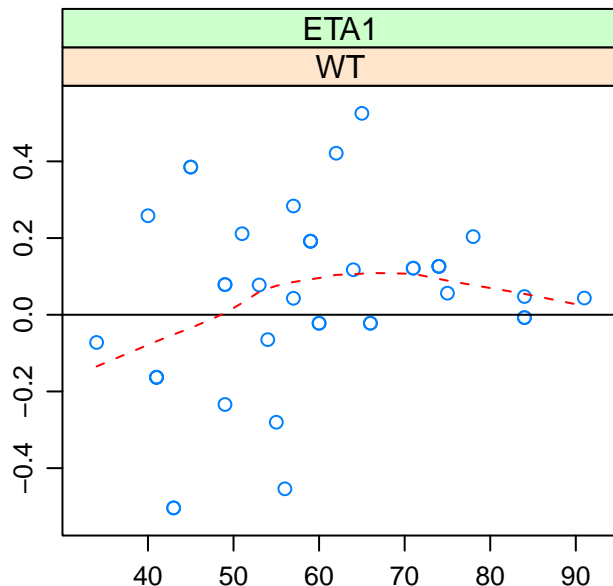
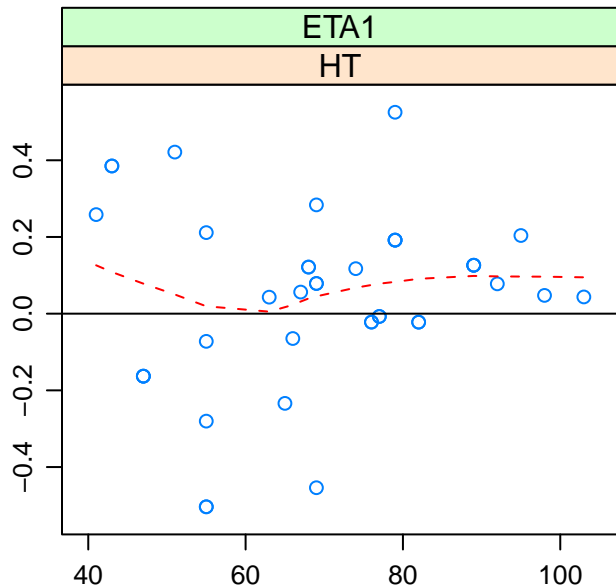
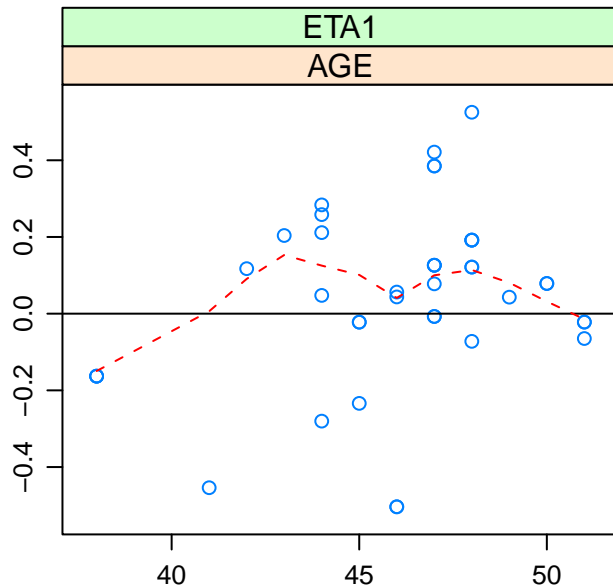
ETA



categorical covariate level

# Etas vs. Continuous Covariates

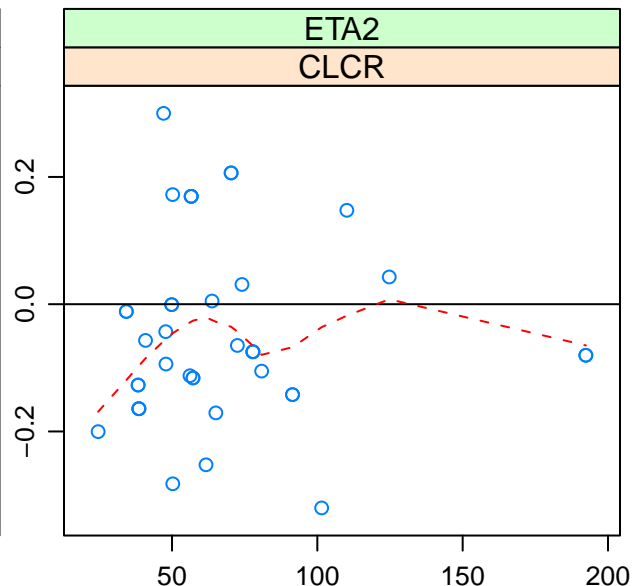
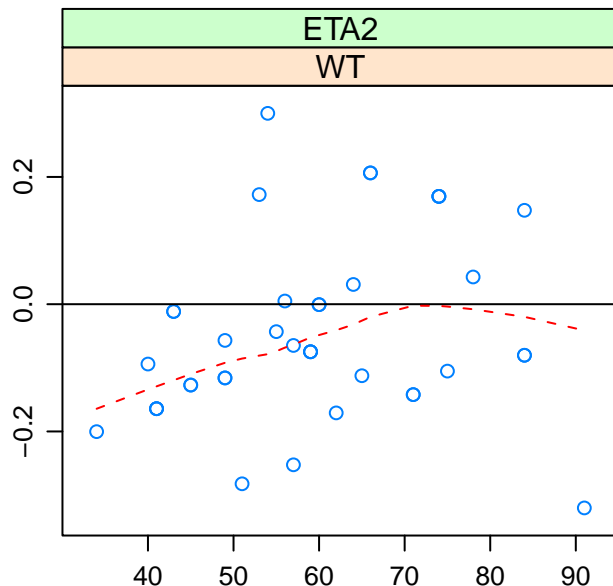
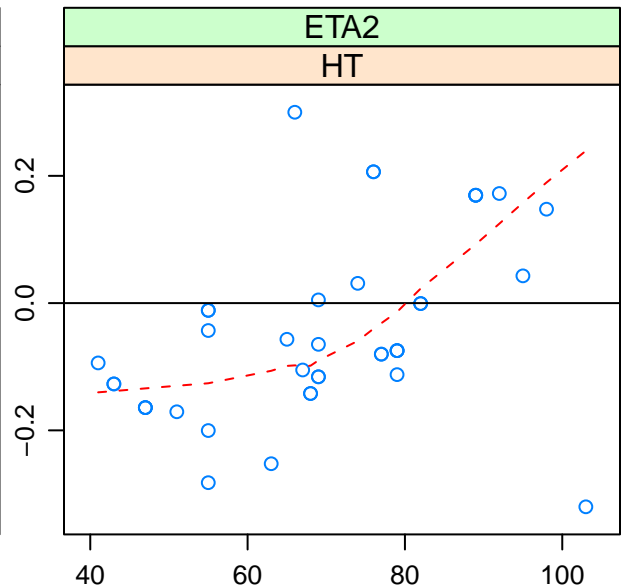
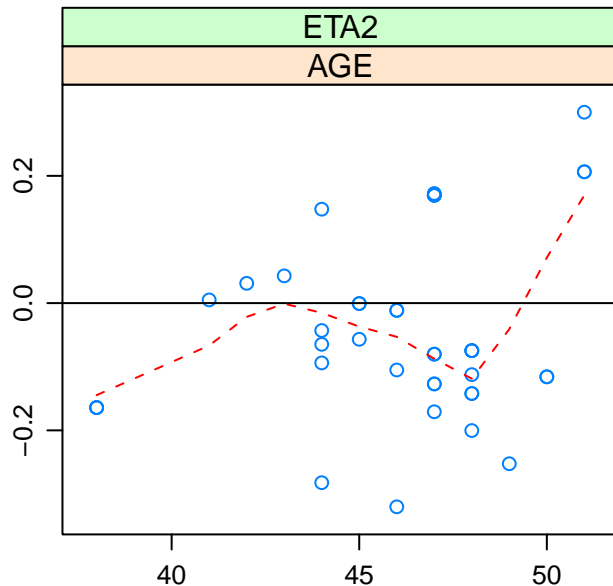
ETA



continuous covariate

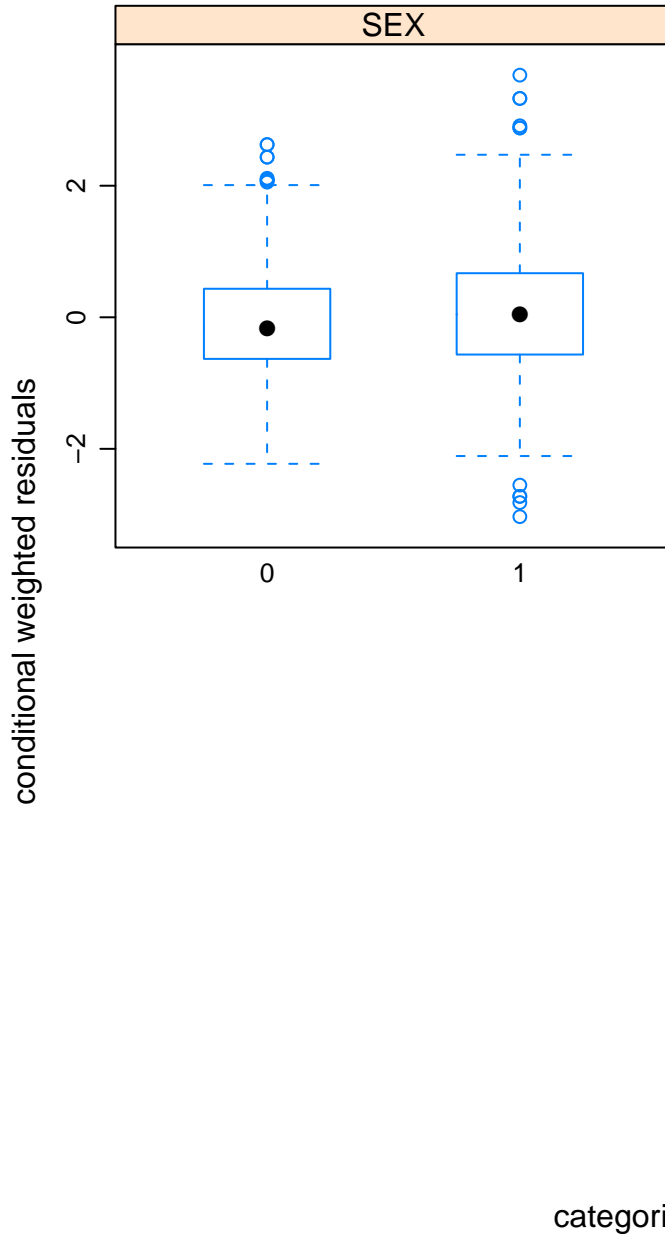
# Etas vs. Continuous Covariates

ETA



continuous covariate

# CWRES vs. Categorical Covariates



# CWRES vs. Continuous Covariates

