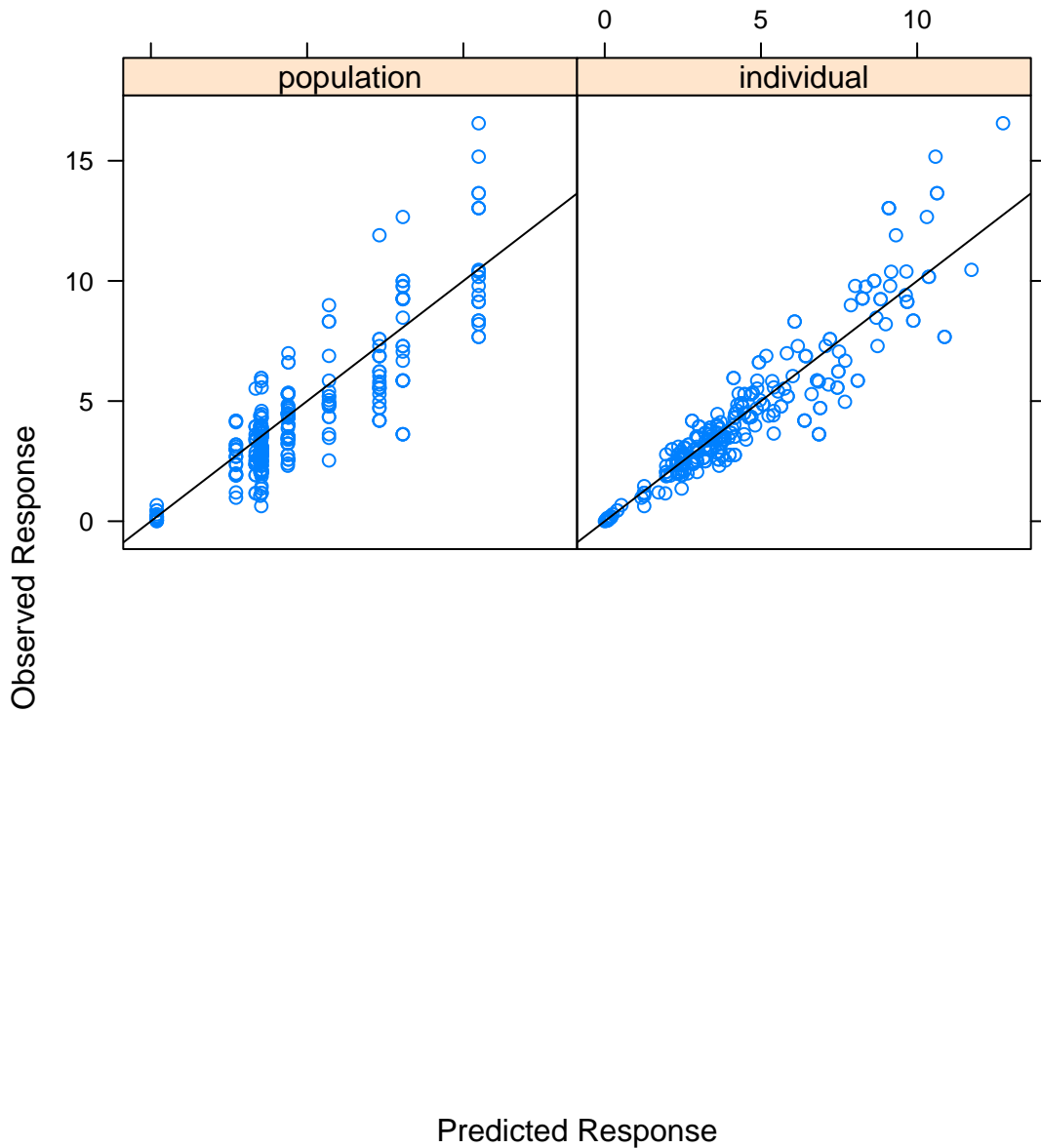


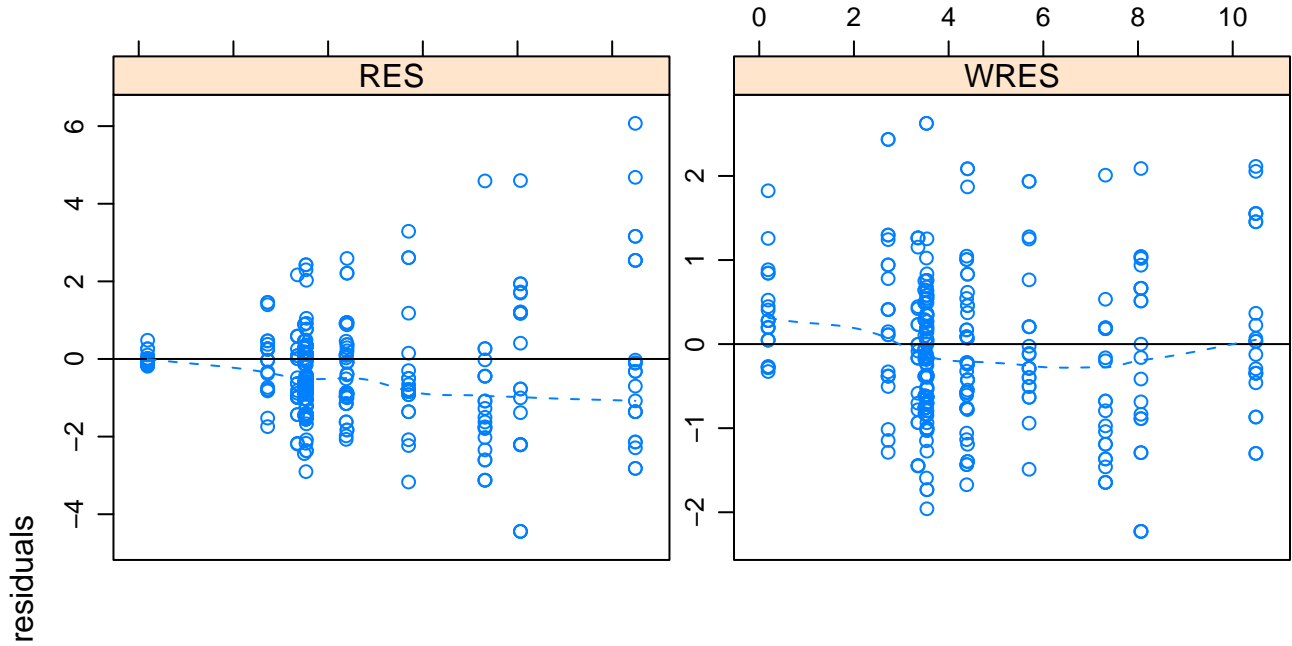
# Model 1003

## Observed vs. Predicted for female data



# Model 1003

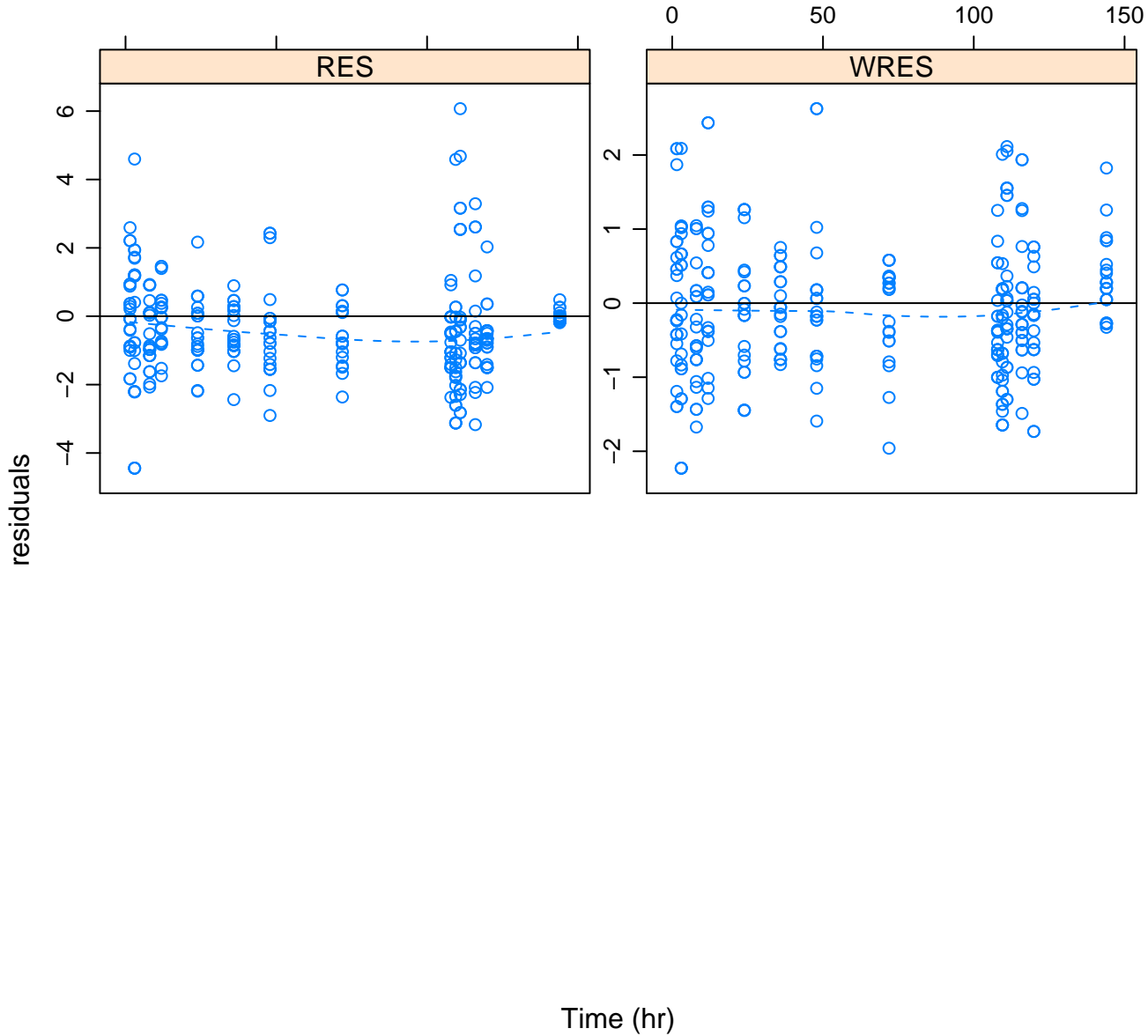
## Residuals vs. Predicted for female data



Predicted Response

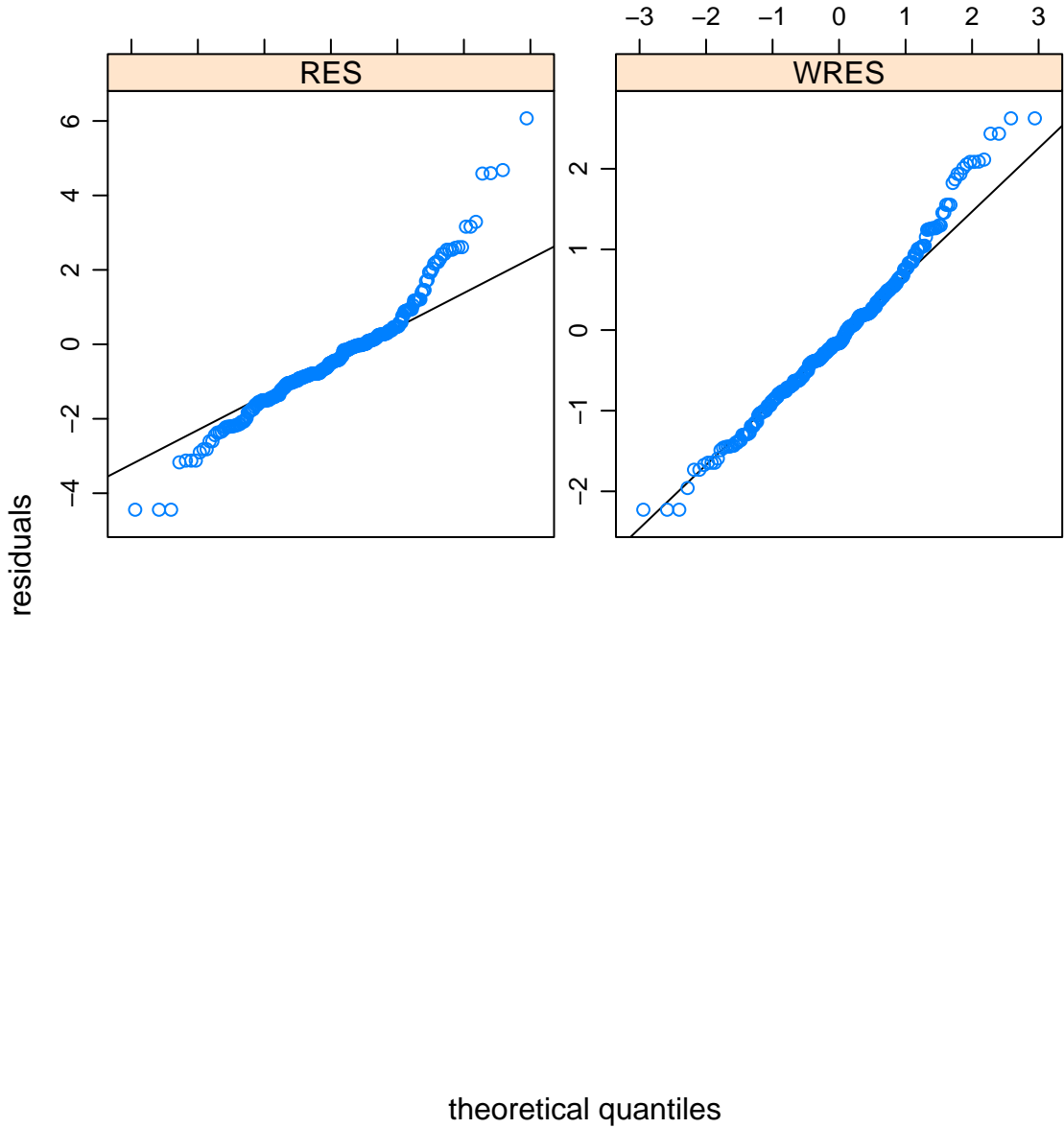
# Model 1003

## Residuals vs. Time for female data



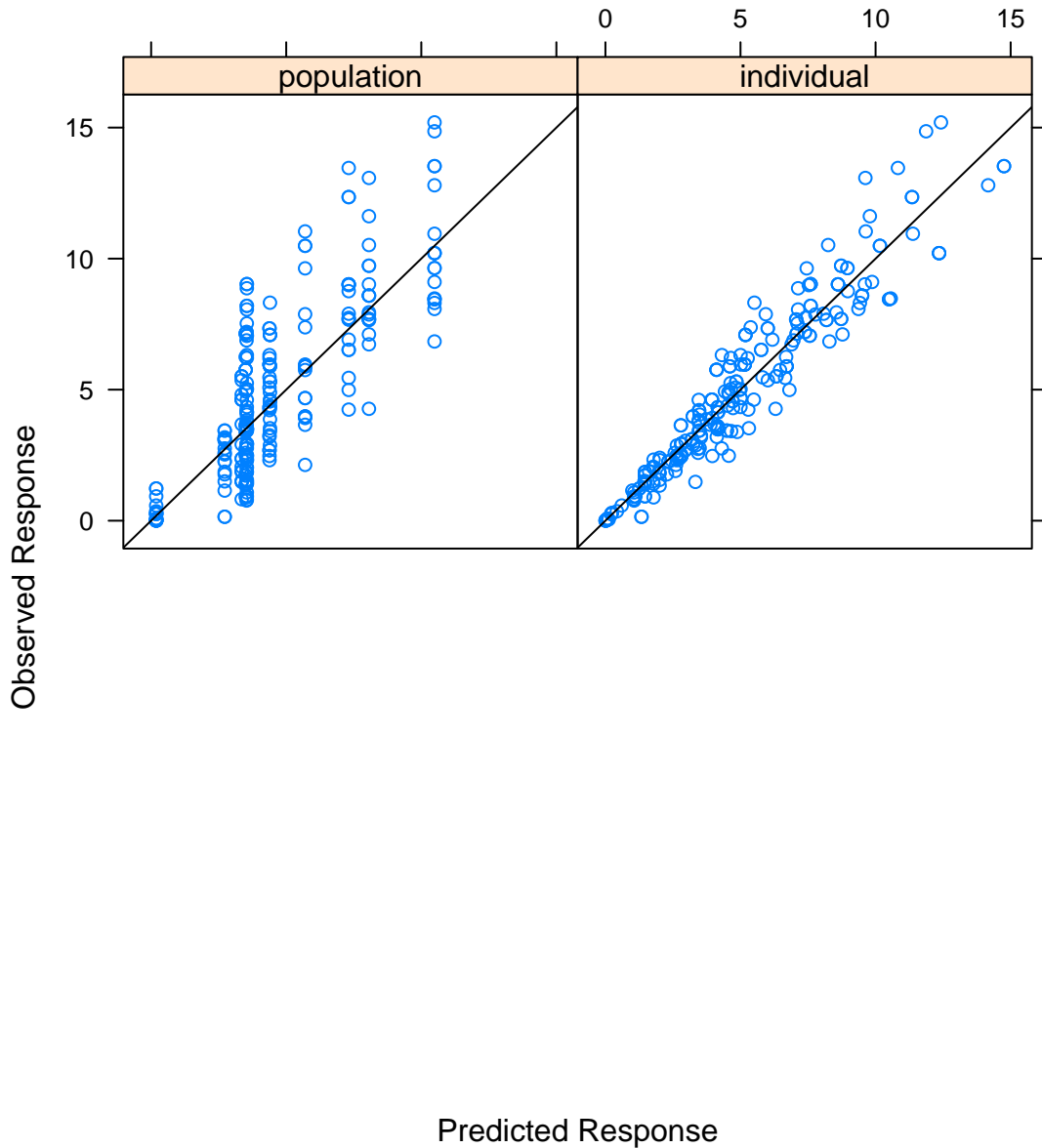
# Model 1003

## Normal Q-Q Plot Residuals for female data

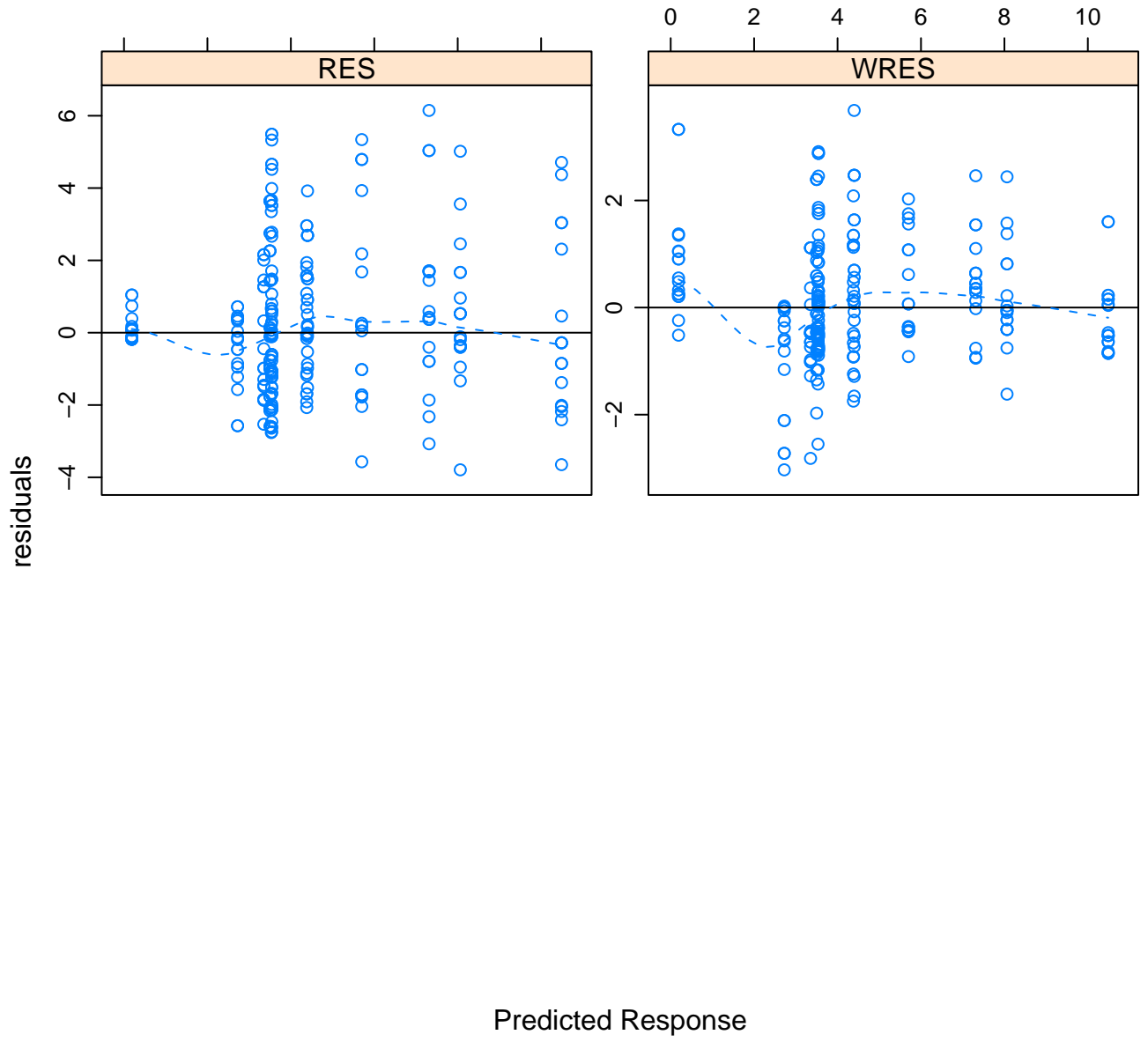


# Model 1003

## Observed vs. Predicted for male data

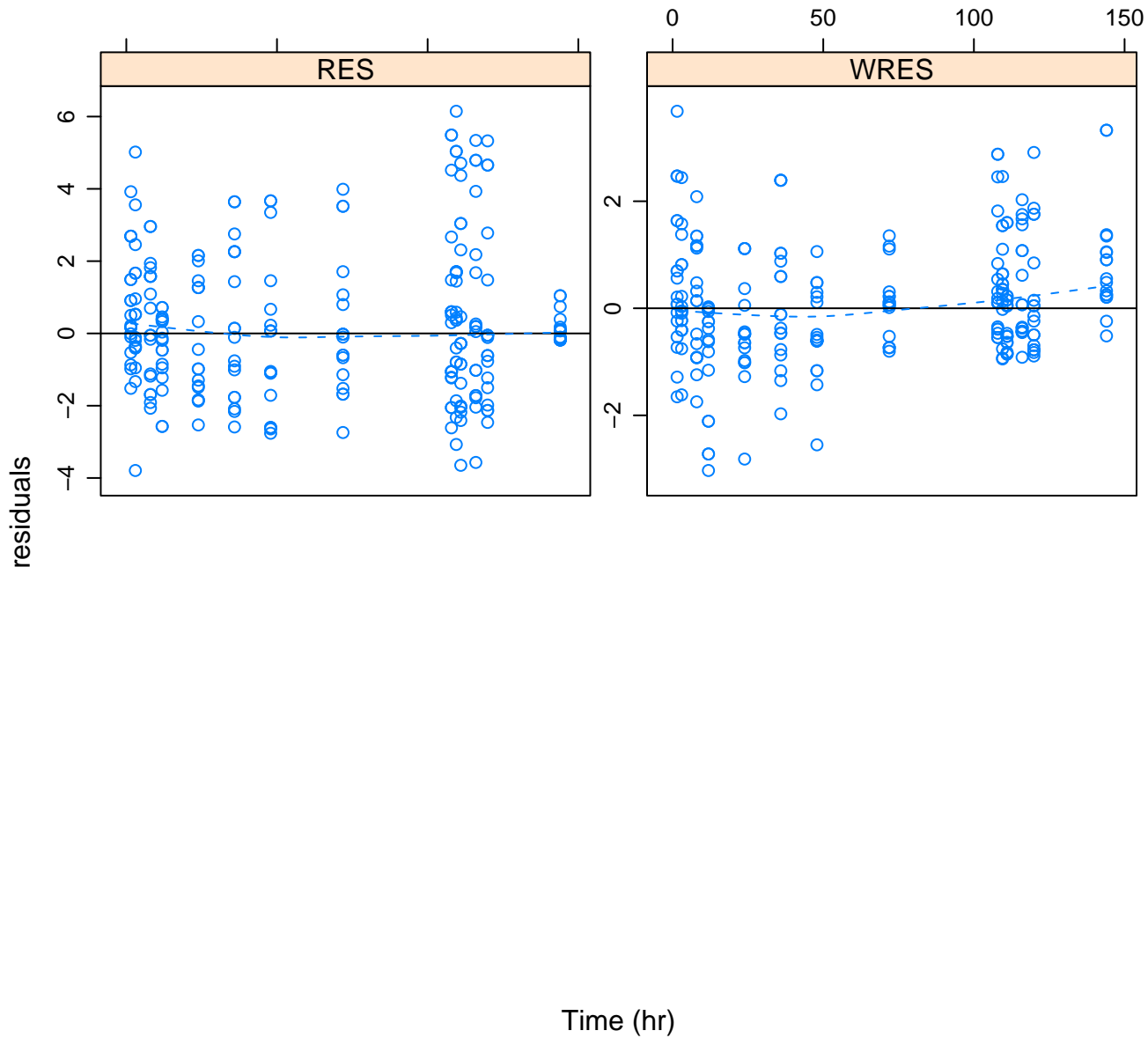


**Model 1003**  
**Residuals vs. Predicted for male data**



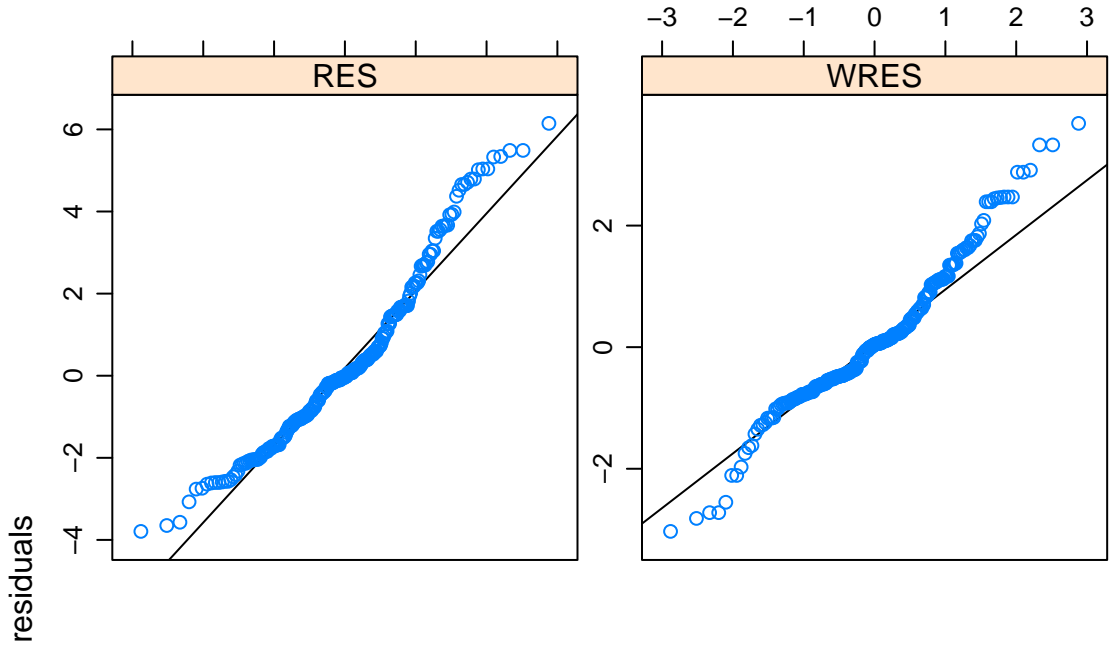
# Model 1003

## Residuals vs. Time for male data



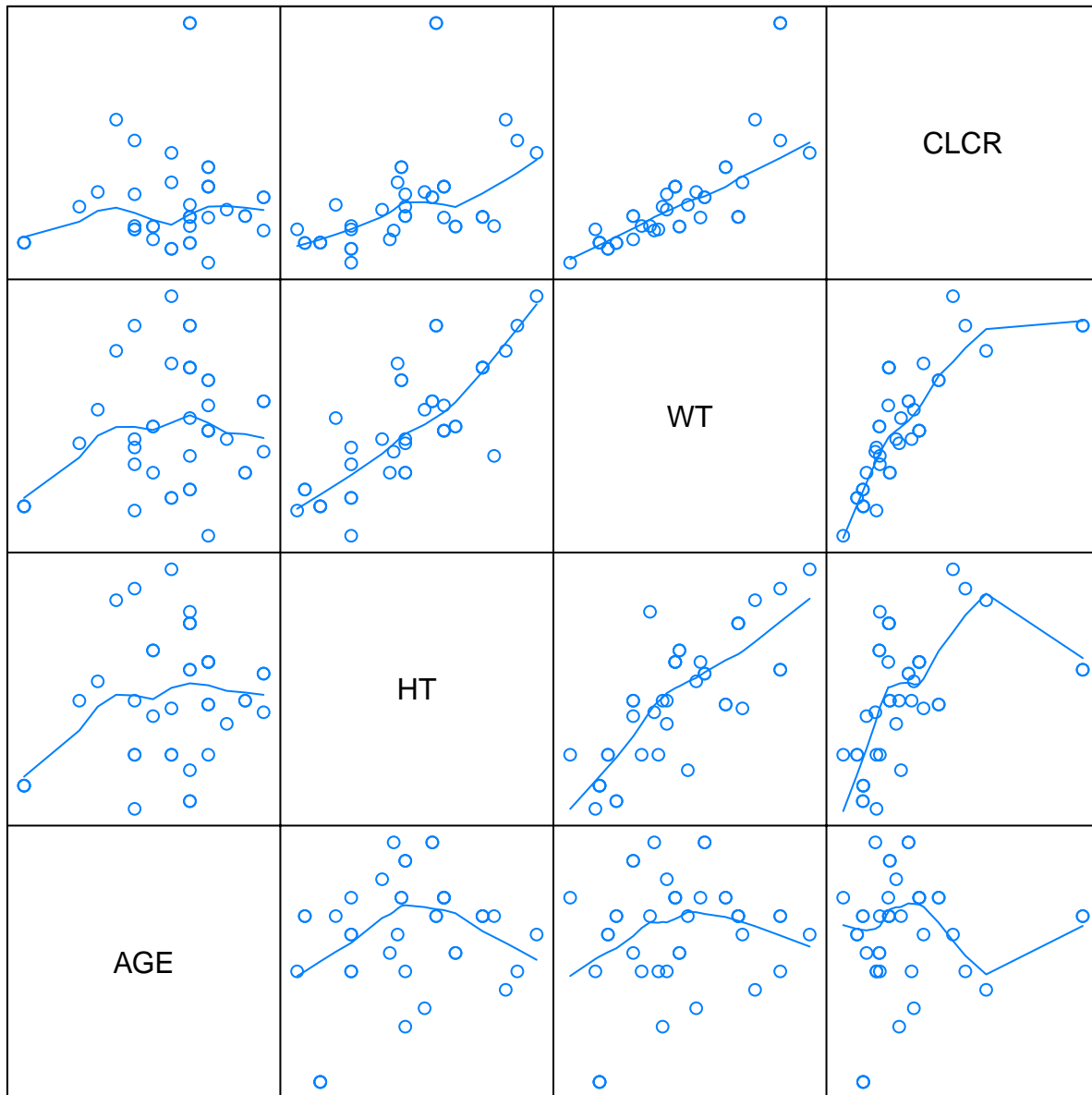
# Model 1003

## Normal Q-Q Plot Residuals for male data

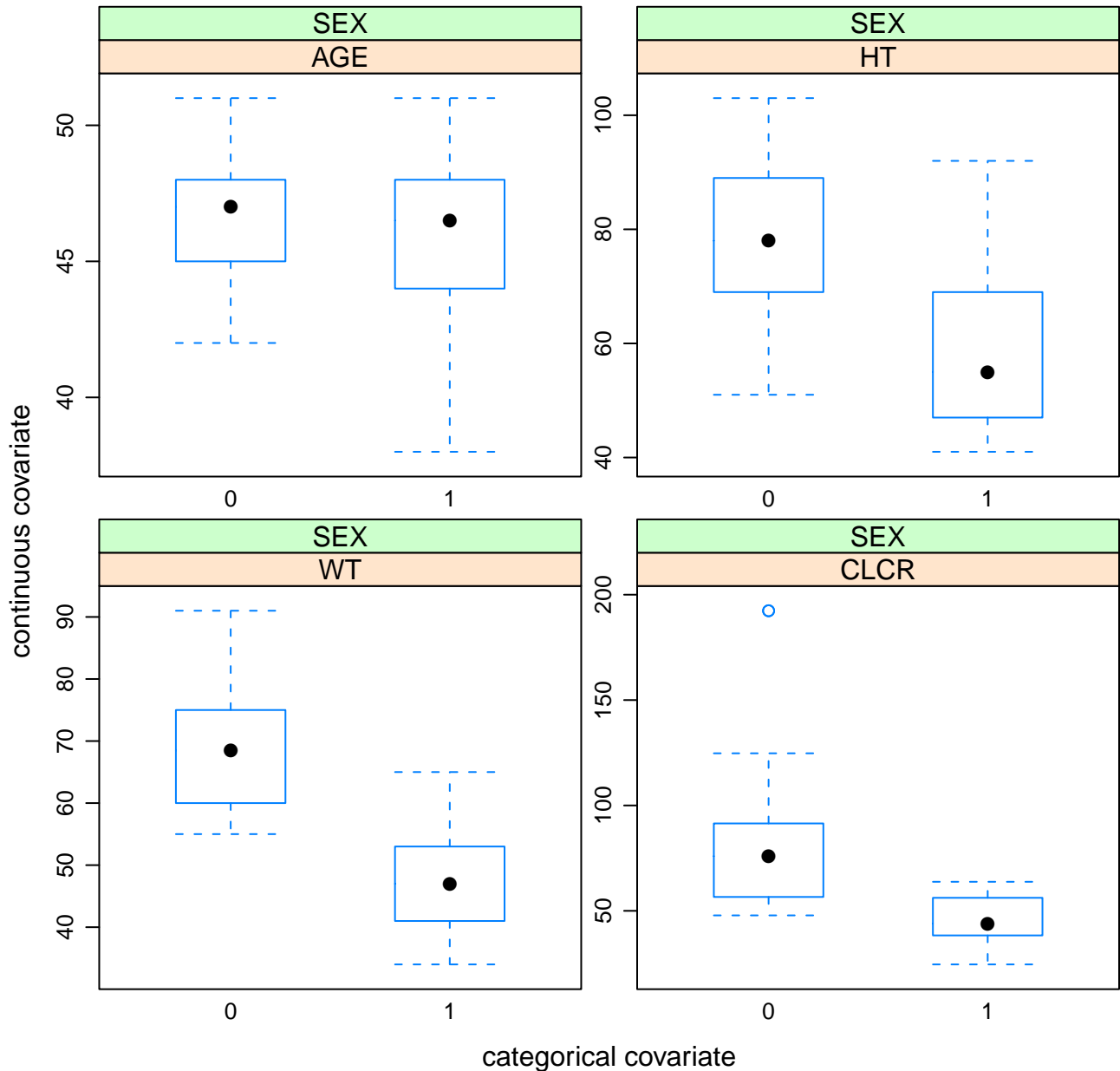




# Covariate Scatterplots



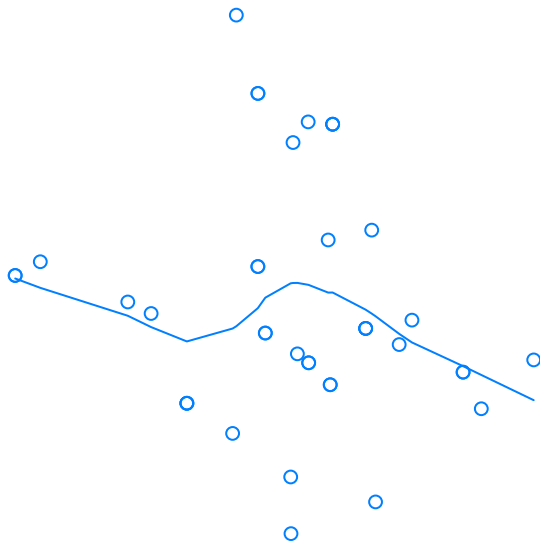
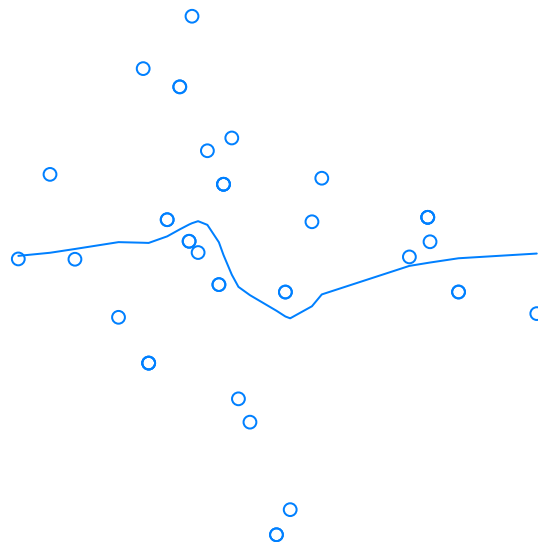
# Continuous Covariates vs. Categorical Covariates



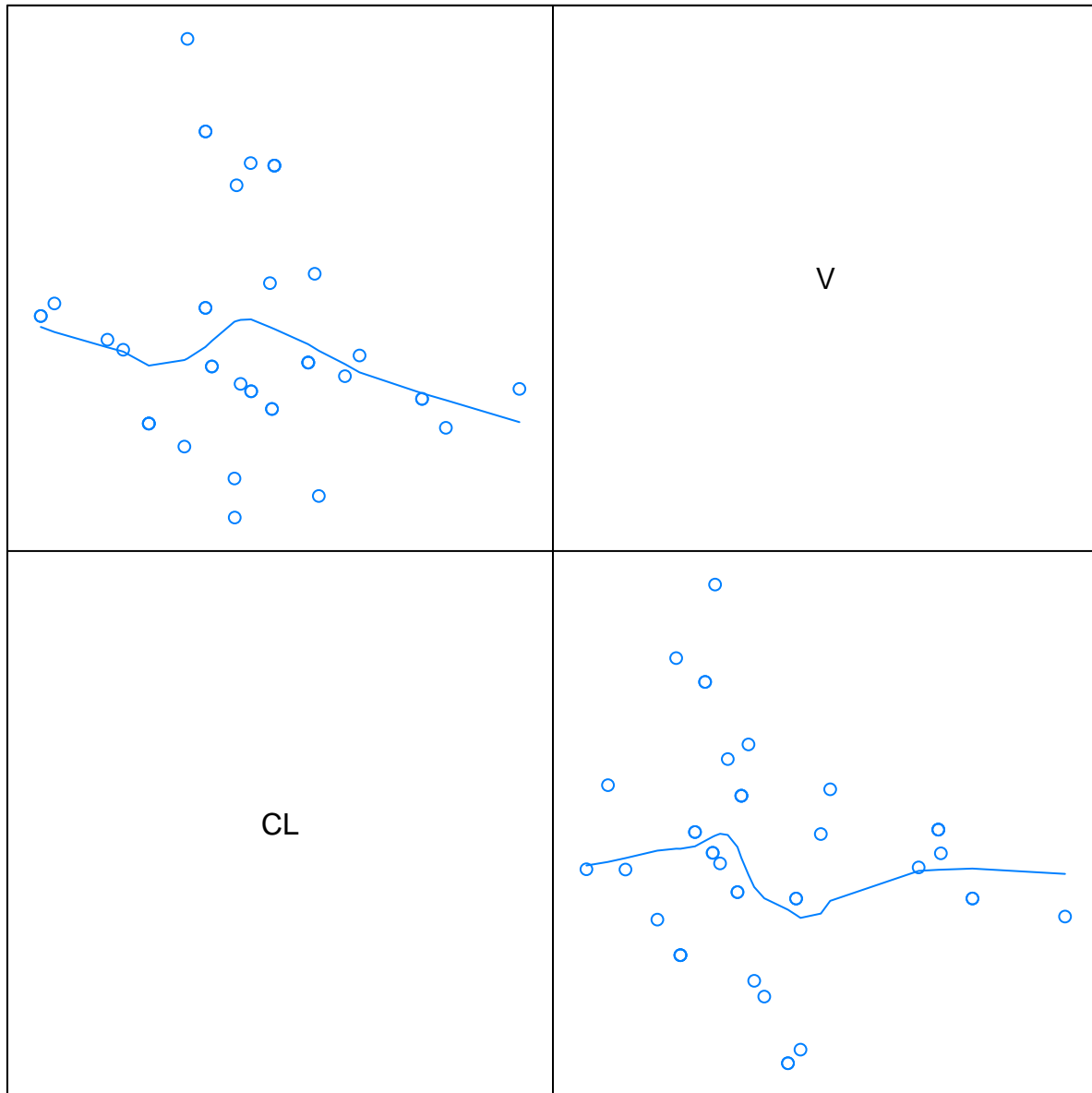
# ETA Scatterplots

ETA2

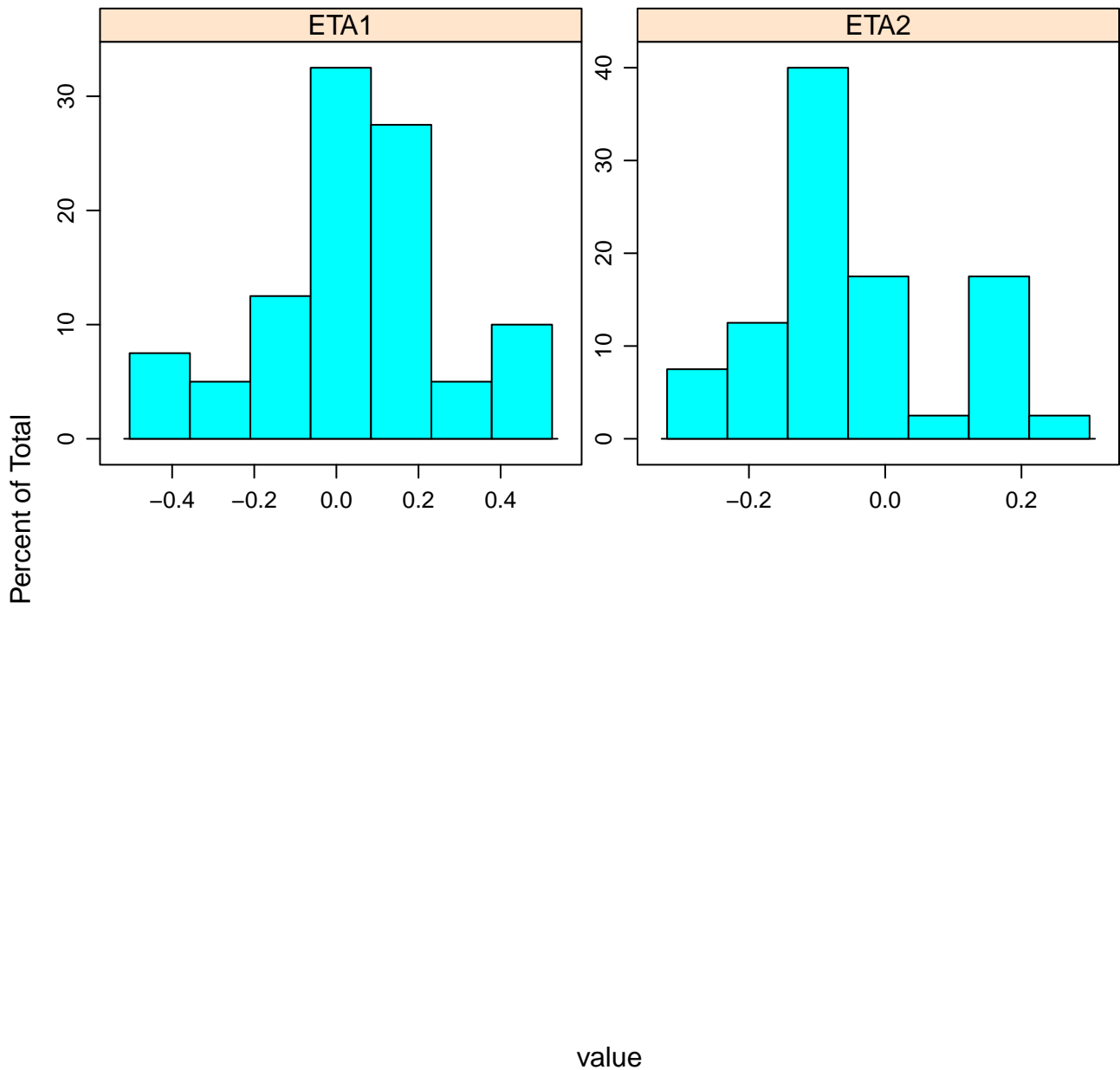
ETA1



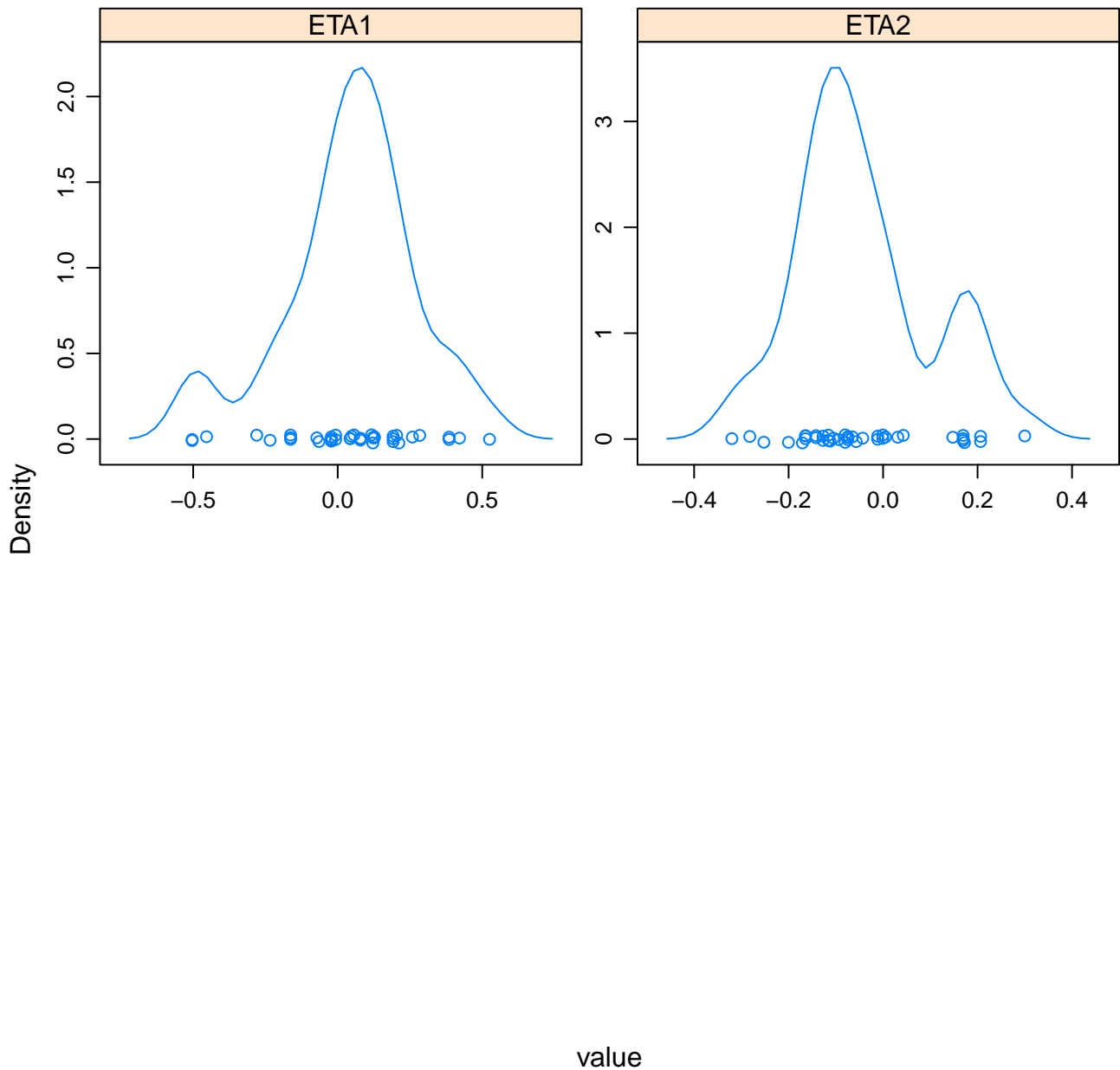
# Parameter Scatterplots



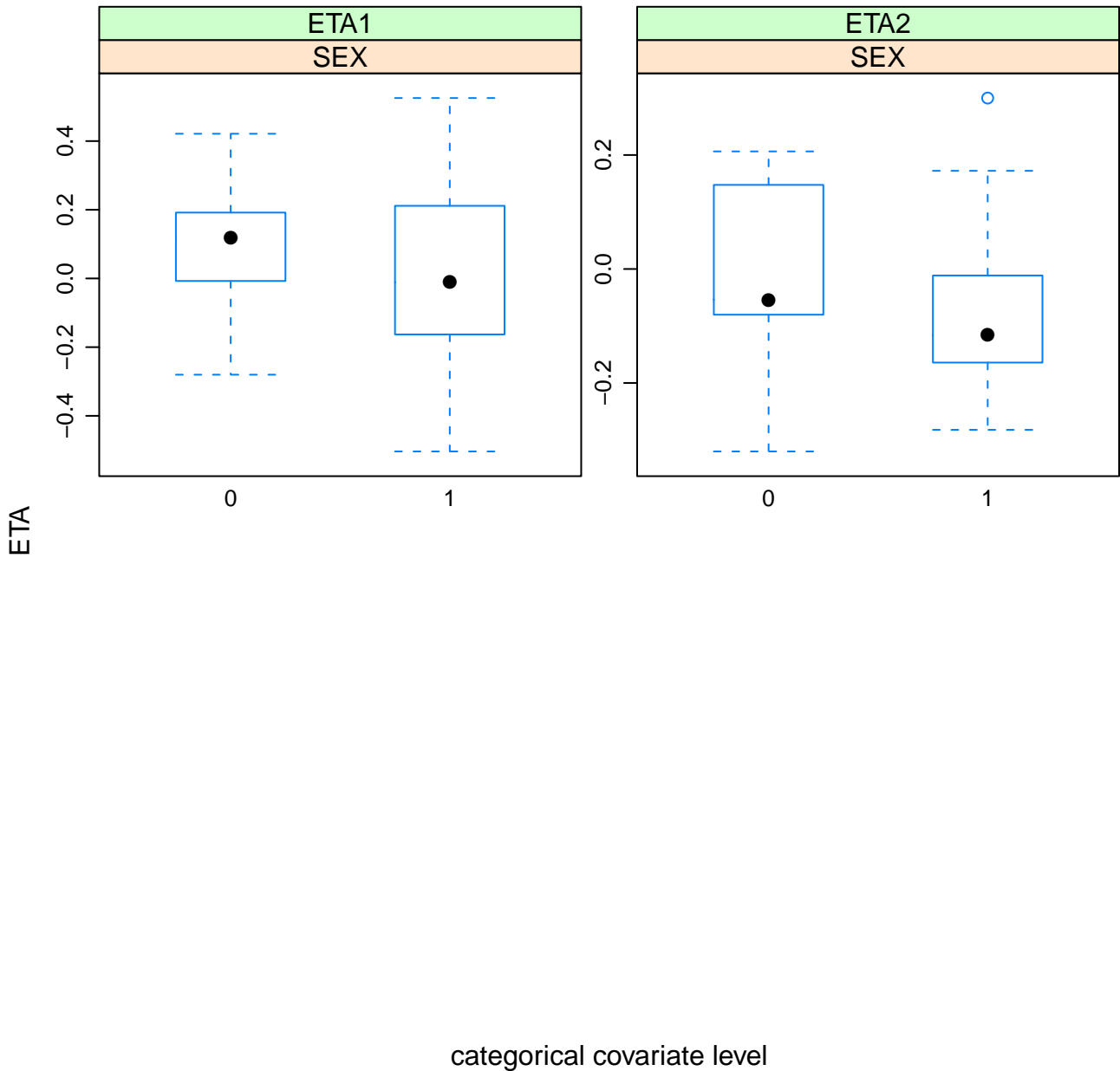
# Histograms of Etas



# Density of Etas

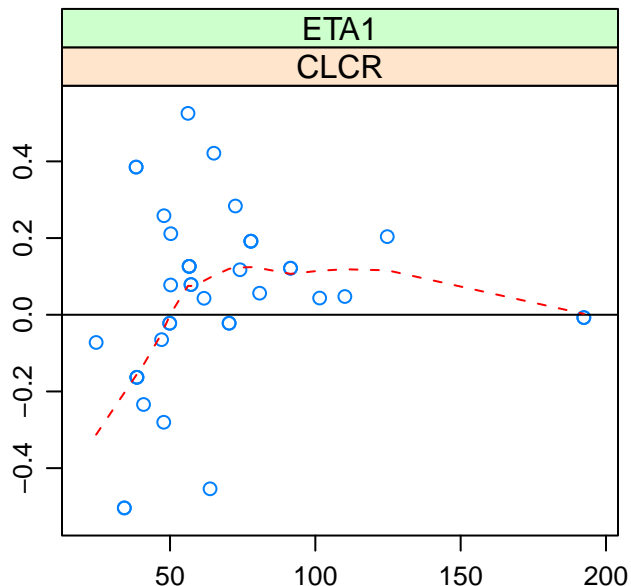
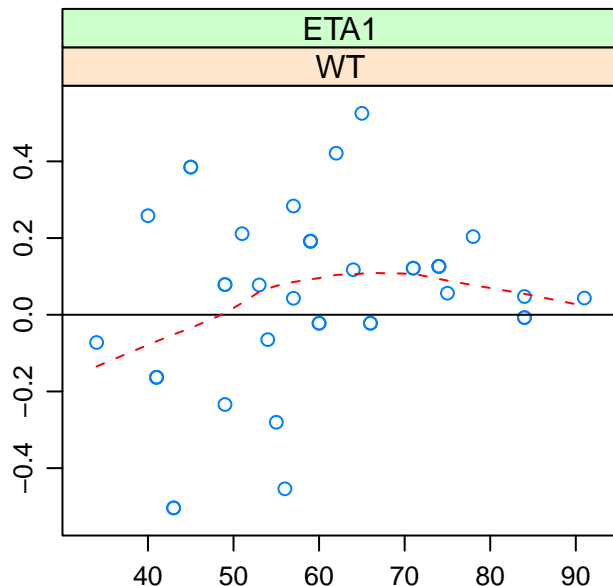
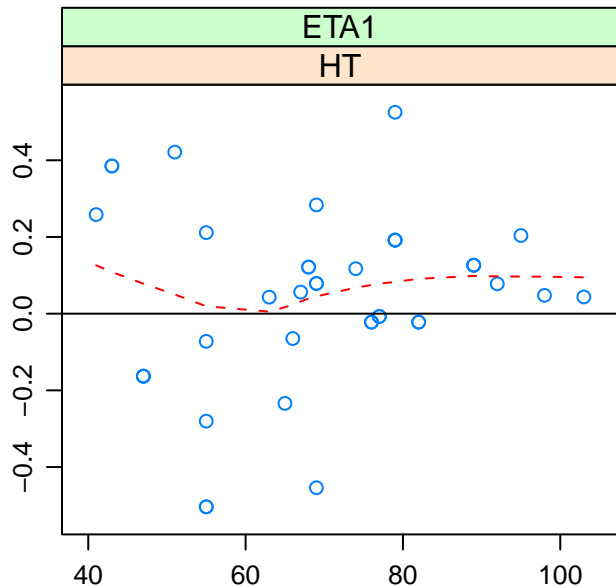
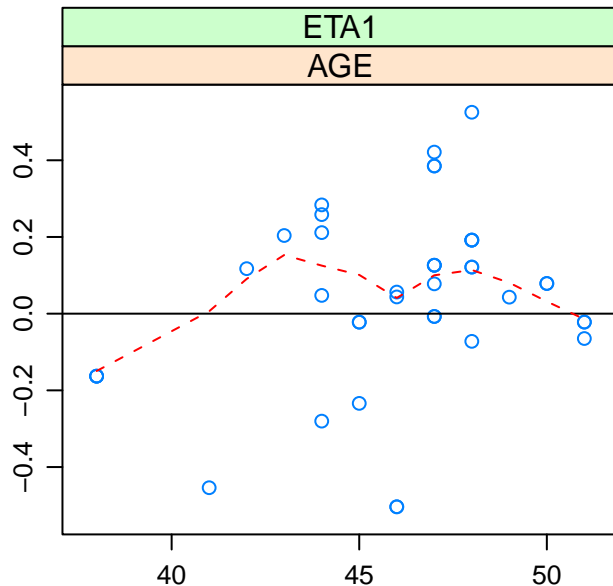


# Boxplots of Etas by Categorical Covariate



# Etas vs. Continuous Covariates

ETA

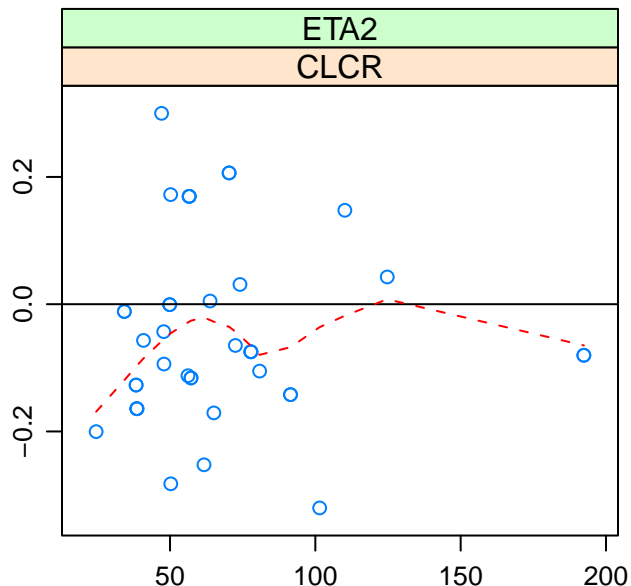
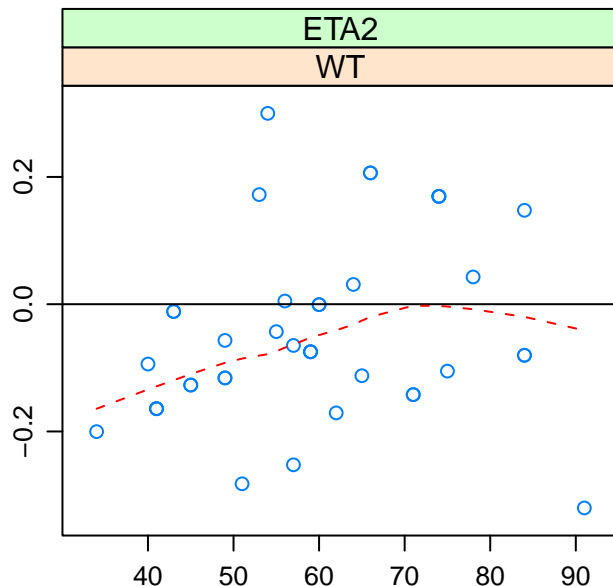
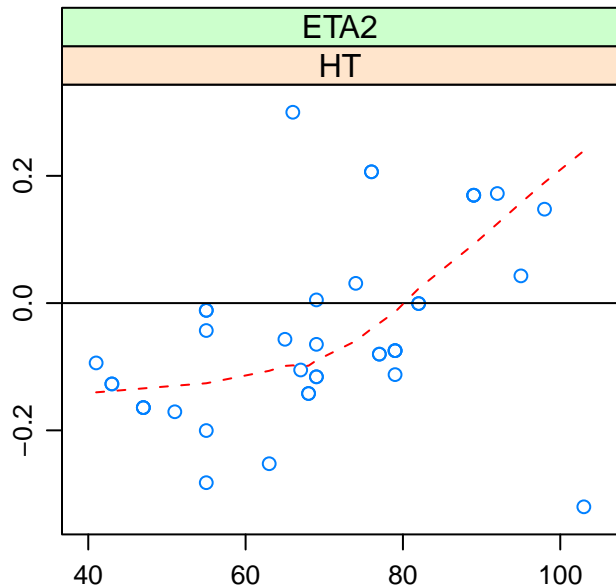
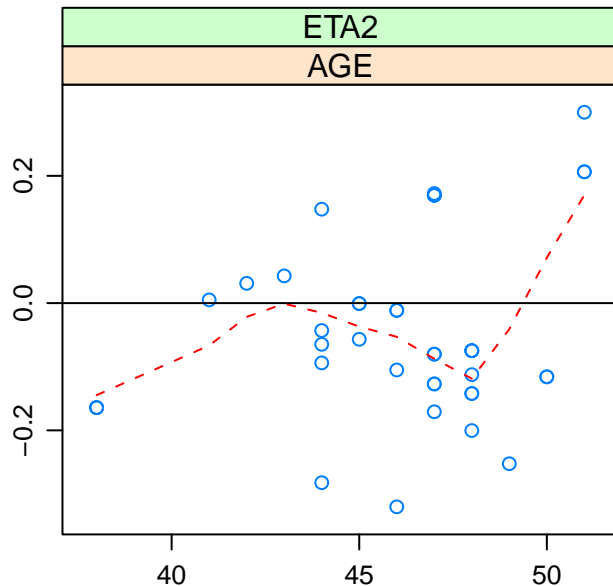


continuous covariate



# Etas vs. Continuous Covariates

ETA



continuous covariate