

# Hands On: Covariate Model Building

## **Questions/Exercises:**

1. Create at least 1 graph (a) to explore relationships between covariates and (b) between covariates and the response.
2. Do a scatter plot for the 3 exposure measures. Which measure would you choose for further covariate model building?
3. With CMAXSS as the exposure measure in the base model, use stepAIC() to do a complete forward selection followed by a complete backward selection to select a final model.
4. Compare the baseline, full and final models with relative likelihood.

## **BONUS Question:**

Using clm() with exposure, is there a way to use AIC to help decide which exposure measure to use for the AE grades data?