* Our 2 main surveys with the most life history and size data occur in different habitats (harbors and tidal creeks/Wando and Ashley), and it looks as though salinity may affect crab abundance in the creeks?
  + Creek survey is being analyzed to determine the make-up of the catch in terms of life history usage, i.e. Does this mean vulnerability to salinity by life history stages
* We’ve used several ranges of CSI to predict our abundances
  + 12-month April, 24-month April, water year, winter, etc..
    - The best seem to line-up with the life cycle of the *typical* blue crab beginning in April
* CSIs were used to predict abundance of several life history stages of crab
  + Juv, Subadult, Adult, Mature & Immature Female, Total CPUE
* It appears long-term indices of salinity have more explanatory power for blue crab abundance in our surveys
* The freshwater dominated Cooper River has explanatory power for abundances in the Ashley and Wando Rivers
* Right now, the Wando River is a good predictor and not the Ashley – maybe due to the sample size from the CSI, i.e., CSI is too short of a time scale
* We are currently focusing on -- we feel this will help our analyses of the abiotic CSIs predicting abundance
  + Determining the make-up of the catch within our surveys
  + Predicting
    - landings with our abundances
    - adults with our juveniles and subadults with a lag
* These salinity analyses will be just a part of our end goal, which is to build multiple regression model with interactions from other abiotic variables in addition to salinity, e.g. temperature, precipitation and climate indices