ANCOVA

Example 1: Fit a linear model that use weight and drug dose (treat drug dose as a factor) to explain the drug response. Plot the data together with the fitted lines. Interpret your model

Example 2: Fit a linear model that use weight, drug dose (treat drug dose as a factor), and their interaction to explain the drug response. Plot the data together with the fitted lines. Interpret your model

Example 3: Compare the two model above using AIC.