

## **Biol-4790/5090 Biometry Homework #6**

GLM: Linear regression, ANCOVA

Run each group separate as a single regression first. Make sure to present all the appropriate null hypothesis, justifications, ANOVA tables, graphs, etc.

1. A marine biologist is interested on how the protein level in the diets of sea urchins affects growth (as measured by inter-radial suture). He maintained urchins in diets that were either low or high in protein content, as well as those individuals that occurred in the wild (reference). Are there differences in growth rate among the groups?