CSSS/POLS 510 MLE Lab

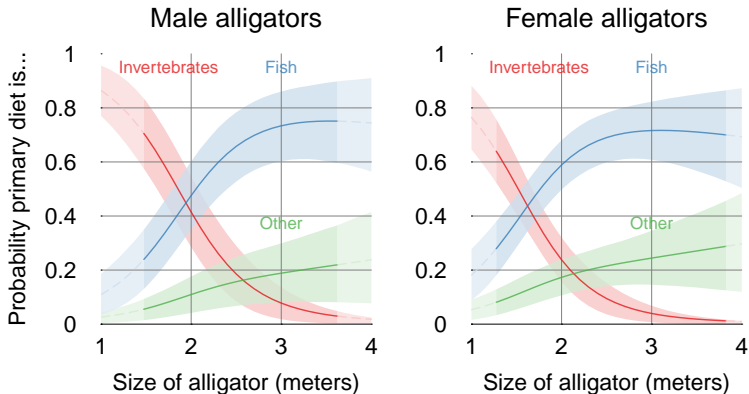## Lab 8. Unordered Categories

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Preview

- ▶ Preview homework 4.
- ▶ Multinominal logit.

Preview homework 4

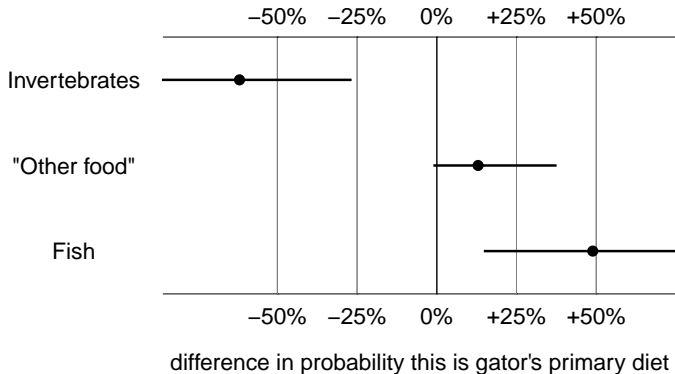Let's review together homework 4, but here you have the main highlights:

1. Focus on ordered categorical regression; refer to the code examples from Lab 7 for guidance.
2. The most time-consuming aspect will be setting up the **correct hypothetical scenarios**. Ensure to review and perform sanity checks on your data objects.
3. Be careful with the data. Make sure it is **clean**, and confirm that the levels of the dependent variable are correctly defined and computed.

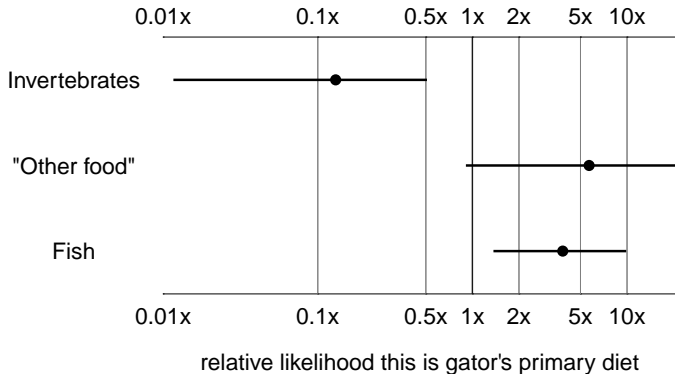# Multinominal Logit Preview: expected probabilties

Multinominal Logit Preview: first differences

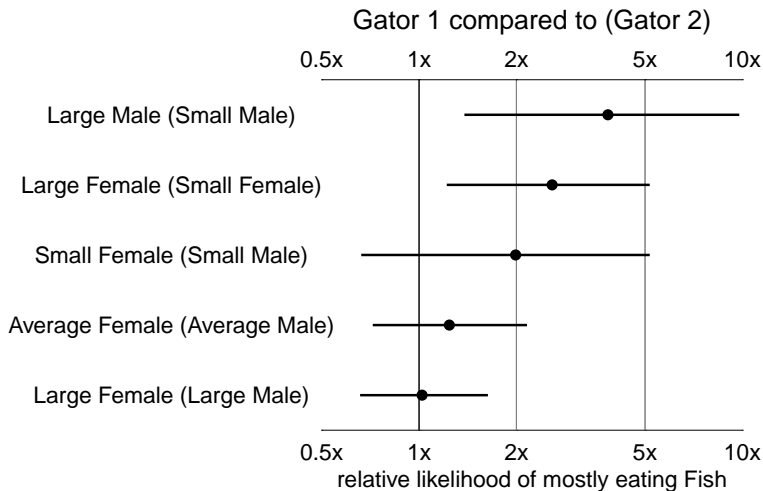Large male gators (+1sd) compared to small (−1sd)

difference in probability this is gator's primary diet

Multinominal Logit Preview: relative risks

Large male gators (+1sd) compared to small (−1sd)

relative likelihood this is gator's primary diet

Multinominal Logit Preview: comparisons

Gator 1 compared to (Gator 2)

relative likelihood of mostly eating Fish

Ordinal Probit Lab class

▶ Let's open RStudio and the Lab8 file.

F I N