

# CSSS 510: Lab 6

## Multinomial Logit

2017-11-10

## 0. Agenda

1. Deriving a likelihood function for the multinomial model
2. Fitting a multinomial logit model using `optim()` and `glm()`
3. Interpreting the results
4. Simulating predicted values and confidence intervals
5. Evaluating goodness of fit

# 1. Deriving a likelihood function for multinomial logit

Recall from lecture the multinomial logit model: