

**Statistics 2**  
**Soc 7130-001**  
**Wednesday 2-5 pm**  
**Beh S 101**

**Course description**

This class uses a practical approach to teach you the estimation, interpretation and presentation of models for limited dependent variables that are not suitable for OLS regression. We will further explore other model complexities such as interactions, endogeneity, or correlated errors.

**Books**

**Required:** Long, J. Scott & Jeremy Freese. 2005. *Regression Models for Categorical Dependent Variables Using Stata*. 2nd Edition. College Station, TX: Stata Press.

**Recommended**

Long, J. Scott. 1997. *Regression Models for Categorical and Limited Dependent Variables*. Thousand Oaks, CA: Sage.

**Grading**

25% In class assignments (10 quizzes)

50% take home assignments (5)

25% final paper

**Attendance**

I expect you to attend every class. If you must miss class due to conference travel or illness you have to contact me before class. Otherwise you will not be allowed to make up the quiz.

**Preliminary Schedule** (graded exercises/due dates in **bold**)

- 1/8 Review: Stata,, OLS
- 1/15 Logistic regression I, **Quiz 1**
- 1/22 Logistic regression II, **Quiz 2, Assignment 1 due**
- 1/29 Logistic regression III, **Quiz 3**
- 2/5 Ordered logistic regression I, **Assignment 2 due**
- 2/12 Ordered logistic regression II, **Quiz 4**
- 2/19 Count outcomes, **Assignment 3 due**
- 2/26 Count outcomes, **Quiz 5**
- 3/5 Right-hand-side complications, **Assignment 4 due**
- 3/12 Spring break
- 3/19 Multinomial logistic regression, **Quiz 6**
- 3/26 Multinomial logistic regression, **Quiz 7**
- 4/2 Presentation of complex models, **Assignment 5 due**

4/9 Other complications I **Quiz 8**  
4/16 Other complications II **Quiz 9**  
4/23 What else is out there? **Quiz 10**  
4/30 **Final paper due**