

BusAd/Econ 533 – Segment 1: Discrete Choice Models

Syllabus

Class meetings: M 6-9, Room 272 Heady Hall and Computer Lab

Instructor: Dr. Joseph A. Herriges, 369 Heady Hall

Phone: 294-4964

E-mail: jaherrig@iastate.edu

Office Hours: TR 1 to 2 p.m. or by appointment

Webpage: <http://www.econ.iastate.edu/classes/econ533/herriges/>

Course Segment Objectives: The goal of this segment of the course is to provide an introduction to modeling the discrete choices made by individual agents (i.e., choices in which the agent is faced with a limited number of alternatives).

Supplemental Readings:

- Greene, W. H., *Econometric Analysis*, 4th edition, New York: Wiley, 2000, chapter 19.
- Maddala, G. S., *Limited Dependent and Qualitative Variables in Econometrics*, London: Cambridge University Press, 1983.
- Train, K., *Qualitative Choice Analysis*, Cambridge MA: MIT Press, 1986.
- Train, K., *Discrete Choice Methods with Simulation*, Cambridge University Press, 2003.
- Wooldridge, J. M., *Introductory Econometrics: A Modern Approach*, Cincinnati, OH: South-Western College Publishing, 2000, chapters 7 and 17.

Grading: The course grade is based on two homework sets and one examination

Computing: We will be using TSP for all of our analysis. TSP is available in the 68 Heady (the computer lab). On-line user guides (http://www.tspintl.com/support/tsp/ug_online.htm) and reference guides (http://www.tspintl.com/support/tsp/rm_online.htm) are available.