

Economics 8838-001

Spring 2009

Xiaodong Liu, Assistant Professor

Office: Economics 10

Voice: 303-492-7414

Email: xiaodong.liu@colorado.edu

Location: Economics 5

Tentative Course Outline:

1. Review of Linear Models (Text: Chapter 4).
OLS and WLS estimation.
2. m-Estimation (Text: Chapter 5).
ML and NLS estimation.
3. Generalized Method of Moments (Text: Chapter 6).
2SLS and GMM estimation.
4. Discrete and Limited Endogenous Variables - Part A (Text: Chapters 14 and 15).
Probit and logit models; multinomial models.
5. Discrete and Limited Endogenous Variables - Part B (Text: Chapter 16).
Models for censored and selected samples.
6. Linear Panel Data Models (Text: Chapters 21 and 22).
Fixed and random effects models.
7. Simulation-Based Methods (Text: Chapter 12).
Maximum simulated likelihood estimation; Moment-based simulation estimation.

University Policies:

University policies regarding classroom behavior are available at <http://www.colorado.edu/policies/classbehavior.html> and at http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_code

Information regarding the University Honor Code is available at <http://www.colorado.edu/policies/honor.html> and at <http://www.colorado.edu/academics/honorcode>. The Honor Code Council can be contacted by email at honor@colorado.edu or by telephone at 303-725-2273.

University policies regarding disabilities are available at <http://www.colorado.edu/disabilityservices>. Disability Services can be contacted by telephone at 303-492-8671, or in person at Willard 322.

University policies regarding religious practice are available at http://www.colorado.edu/policies/fac_relig.html.

University policies regarding Sexual Harassment and Amorous Relationships are available at <http://www.colorado.edu/odh/>. The Office of Discrimination and Harassment can be reached by telephone at 303-492-2127. The Office of Judicial Affairs can be reached at 303-492-5550.