

Economics 8281: Topics in Econometrics
Estimation of Dynamic Models
Instructor: Professor Gautam Gowrisankaran
University of Minnesota, Fall Semester 2000, Mini II

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Office Hours: W 2-4 or by appointment

Grading

Students taking the class for credit:

Project 75%, Participation and in-class presentation 25%.

The project will be to estimate a dynamic version of my network externality model, using one of three techniques that we will discuss.

Students taking the class pass/fail:

Required presentation of one paper to the class.

Students auditing or sitting in on the class:

Strongly encouraged to give presentation of one paper to the class.

Reading List

Akerberg, Daniel. "Advertising, Learning and Consumer Choice in Experience Good Markets: A Structural, Empirical Examination." Mimeo.

Akerberg, Daniel. "Importance Sampling and the Simulated Methods of Moments." Mimeo, UCLA, 2000.

Akerberg, Daniel, Gautam Gowrisankaran and Joanna Stavins. "Quantifying Equilibrium Network Externalities in the ACH Banking Industry."

Berry, Steven and Ariel Pakes. "Using First-Order Conditions to Estimate Dynamic Oligopoly Models." Mimeo, Yale University, 2000.

Benkard, Lanier. "Dynamic Equilibrium of the Market for Wide-Bodied Commercial Aircraft," NBER Working Paper, 2000.

Ching, Andrew. "Dynamic Equilibrium in the U.S. Prescription Drug Market After Patent Expiration," Mimeo, Ohio State University, 2000.

Gowrisankaran, Gautam and Robert Town. "Dynamic Equilibrium in the Hospital Industry." *Journal of Economics & Management Strategy* 6, 1997: 45-74.

Gilleskie, Donna. "A Dynamic Stochastic Model of Medical Care Use and Work Absence," *Econometrica* 66, 1998: 1-45.

Holmes, Thomas and James Schmitz. "On the Turnover of Business Firms and Business Managers," *Journal of Political Economy* 103, 1995: 1005-38.

Hotz, V. Joseph and Robert A. Miller. "Conditional Choice Probabilities and the Estimation of Dynamic Models," *Review-of-Economic-Studies*; 60, 1993: 497-529.

- Jofre-Bonet, Mireia, and Martin Pesendorfer. "Bidding Behavior in a Repeated Procurement Auction," Mimeo, Yale University, 1999.
- Keane, Michael and Kenneth Wolpin. "The Career Decisions of Young Men," *Journal of Political Economy* 105, 1997: 473-522.
- Merlo, Antonio. "Bargaining over Governments in a Stochastic Environment," *Journal of Political Economy* 105, 1997: 101-31
- Pakes, Ariel. "Patents as Options: Some Estimates of the Value of Holding European Patent Stocks." *Econometrica* 54, 1986: 755-84.