Syllabus

Course Name: Empirical Industrial Organization
Faculty:

2024 SECOND SEMESTER

COURSE OUTLINE

This course focuses on the estimation of static and dynamic discrete choice models, both with and without strategic interactions between agents. These models form the basis of many applications in fields such as Industrial Organization, Political Economy, Health Economics, Labor, and Trade. This course will introduce these classes of models and discuss various methods used to estimate and solve them. Estimating these models is often complex, so we will emphasize the practical implementation of these methods.

COURSE PROGRAM

1. Estimation of (static) discrete choice models: Multinomial Logit, Nested Logit, Random Coefficients Logit
2. Estimation of search (price dispersion) models
3. Estimation of static games of complete and incomplete information
4. Estimation of dynamic discrete choice models (single agent and games)

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- **Estimation of (Static) Discrete Choice Models**

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- **Estimation of search (price dispersion) models**

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- **Estimation of static games of complete and incomplete information**

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- **Estimation of dynamic discrete choice models (single agent and games)**

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GRADING

Problem sets (x 2) 40%
Paper presentation 20%
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CONTACT