Structural Econometric Modeling in Industrial Organization

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Objectives

The purpose of this course is to prepare students to both understand and to do structural econometric research in industrial organization. Structural econometrics fuses economic theory and statistical methods in order to derive unknown underlying primitives of economic models. The emphasis will be on how to transform an economic model into a structural econometric model. To get a better understanding of the economic models used in structural empirical work we will go through theory papers, although the main focus will be on empirical papers. After we have developed a general framework for structural econometrics, we will apply the methodology to two topics from industrial organization: differentiated product competition and consumer search.

Outline

A. Background on Structural Econometrics
B. Differentiated Product Competition
C. Consumer Search

Reading Material

A. Background on Structural Econometrics

B. Differentiated Product Competition


C. Consumer Search


