

## Six Lectures on Non-CES Demand Systems and Their Applications

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**Dates:** Thursday, 2023/11/30, 12/07, 12/14, 12/21, & Wednesday 2024/01/10, and 01/17.

**Time: Office Hours:** 15.30-16.30, followed by **Lectures:** 16.45-18.30.

**Note:** Even though these 6 lectures follow materials in a natural sequence, I'll make them self-contained so that you can take them independently.

### **Lecture 1 (Th. 2023/11/30): Nonhomothetic Demand Systems: An Overview**

Matsuyama, "Non-CES Aggregators: A Guided Tour," *Annual Review of Economics*, 2023. Sections 1 through 4.  
Comin-Lashkari-Mestieri, "Structural Transformation with long-run Income and Price effects," *Econometrica* 2021

### **Lecture 2 (Th. 2023/12/07): Nonhomothetic CES: Applications to Structural Transformation**

Fujiwara-Matsuyama, "A Technology-Gap Model of Premature Deindustrialization," CEPR-DP#15530-3,  
Matsuyama, "Engel's Law in the Global Economy," *Econometrica*, 2019.  
Oberfield, "Inequality and Measured Growth," 2023.

### **Lecture 3 (Th. 2023/12/14): Homothetic Non-CES Demand Systems: An Overview**

Matsuyama, "Non-CES Aggregators: A Guided Tour," *Annual Review of Economics*, 2023. Sections 5 through 9.  
Matsuyama-Ushchev, "Love-for-Variety" CEPR-DP#18184.

### **Lecture 4 (Th. 2023/12/21): Homothetic non-CES Demand Systems: Applications to Monopolistic Competition**

#### **A. Homogeneous Firms**

Dixit-Stiglitz, "Monopolistic Competition and Optimal Product Diversity," *American Economic Review*, 1977.  
Matsuyama-Ushchev, "When does procompetitive entry imply excessive entry?" CEPR-DP#14991.  
Matsuyama-Ushchev, "Constant Pass-Through," CEPR-DP#15475.

#### **B. Heterogeneous Firms**

Melitz, "The Impact of Trade on Intra-Industry Reallocations, and Aggregate Industry Productivity," *Econometrica*, 2003.  
Baqae-Fahri-Sangani, "The Darwinian Returns to Scale," *Review of Economic Studies* forthcoming.  
Matsuyama-Ushchev, "Selection & Sorting of Heterogeneous Firms through Competitive Pressures" CEPR-DP#17092-2.  
Grossman-Helpman-Lhuillier, "Supply Chain Resilience" *Journal of Political Economy*, forthcoming

### **Lecture 5 (We. 2024/01/10): Nonhomothetic non-CES Demand Systems: Applications to Monopolistic Competition**

Parenti-Ushchev-Thisse, "Toward a Theory of Monopolistic Competition," *Journal of Economic Theory* 2017.  
Thisse-Ushchev, "Monopolistic Competition Without Apology," *Hdbk of Game Theory & Industrial Organization*  
Melitz-Ottaviano, "Market Size, Trade and Productivity," *Review of Economic Studies* 2008

### **Lecture 6 (We. 2024/01/17): Applications to Dynamic Monopolistic Competition**

#### **A. Innovation and Growth**

Boucekkine-Latzer-Parenti, "Variable mark-up in the Long Run," *Journal of Mathematical Economics*  
Latzer-Matsuyama-Parenti, "Reconsidering the Market Size Effect on Innovation and Growth," CEPR-DP#14250  
Matsuyama-Ushchev "Destabilizing Effects of Market Size in the Dynamics of Innovation," *J. Econ Theory* 2022.  
Matsuyama-Ushchev "Destabilizing Effects of Market Size in the Dynamics of Innovation: Judd meets Kimball."

#### **B. New Keynesian Economics**

Baqae-Fahri-Sangani, "Supply-Side Effects of Monetary Policy," *Journal of Political Economy*, forthcoming  
Fujiwara-Matsuyama, "Competition and the Phillips Curve," CEPR-DP#17521-3.