

# Yuri MATSUMURA

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## RESEARCH INTERESTS

Empirical Industrial Organization, Applied Economics, Competition Policy

## EDUCATION

Ph.D. in Economics, Rice University	2019 - 2025 (expected)
M.A. in Economics, The University of Tokyo	2018
B.A. in Economics, Osaka University	2016

## HONORS

Dissertation Research Improvement Grants, Rice University	2023 - 2024
Rice Fellowship, Rice University	2019 - 2024

## PUBLICATIONS

“Resolving the Conflict on Conduct Parameter Estimation in Homogeneous Goods Markets between Bresnahan (1982) and Perloff and Shen (2012)”, with Suguru Otani, *Economics Letters*, 2023  
“Dissolution Risk and Legislative Effort of Politicians”, with Yumi Koh and Ken Onishi, *Electoral Studies*, 2022

## JOB MARKET PAPER

“Evaluating Cartel Impact in Procurement Auctions”

Abstract: From 2018 to 2020, four incumbent firms engaged in a cartel in Japan’s electricity retail market. During this period, they implemented a market allocation scheme, withdrawing from each other’s sales regions to maximize individual profits. This paper examines the cartel’s impact on procurement auctions for selecting electricity suppliers to public buildings. The analysis reveals two key findings: (1) cartel members significantly reduced their participation rates in procurement auctions outside their designated regions, and (2) when they did participate, they often submitted non-competitive (phony) bids. The study also finds that when cartel members participate in auctions held in other members’ designated regions, the share of efficient auction decreased. However, the resulting efficiency loss was not significant. This suggests that while the cartel had a notable impact on bids and participation rates, its overall effect on auction efficiency was relatively limited.

## OTHER WORKING PAPERS

“Challenges in Statistically Rejecting the Perfect Competition Hypothesis Using Imperfect Competition Data”, with Suguru Otani, (Submitted)  
“An MPEC Estimator for Conduct Parameter Estimation in Homogeneous Goods Markets”, with Suguru Otani

## WORK IN PROGRESS

“A New GPV Estimator Using Bernstein Polynomial”  
“Identification of Firm Conduct in Homogeneous Product Markets” with Suguru Otani

## TEACHING AND RESEARCH EXPERIENCES

Teaching Assistant at Rice University: Applied Microeconomics (U), Applied Econometrics (U), Mathematical Economics (U), Macroeconomics (G), Matching and Market Design (G)	2020 - 2024
Teaching Assistant at The University of Tokyo: Industrial Organization (U, Economics), Microeconomics (G, Graduate School of Public Policy)	2017 - 2018
Teaching Assistant at International Christian University: Microeconomics (U)	2018
Research Assistant for Professor Jeremy Fox, Rice University	2021 - 2022

Research Assistant for Professor Daiji Kawaguchi, The University of Tokyo	2018 - 2019
Research Assistant for Professor Mototsugu Shintani, The University of Tokyo	2016 - 2018

### **ACADEMIC SERVICE**

Referee: Legislative Studies Quarterly

### **SEMINARS AND PRESENTATIONS**

2024: Brown Bag Workshop (Rice University)

2018: Microeconomics Workshop (The University of Tokyo), Japanese Economic Association, Spring meeting (University of Hyogo), Junior IO Workshop (The University of Tokyo)

### **OTHERS**

Programming Skills: Julia, R, MATLAB, Python, Stata

Languages: English, Japanese (native)

### **REFERENCES**

Professor Jeremy Fox (Advisor)

Department of Economics, Rice University

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Professor Yunmi Kong

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Professor Mallesh Pai

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