Yuri MATSUMURA

Email: Yuri.Matsumura@rice.edu
Homepage: https://sites.google.com/view/yurimatsumura/
LinkedIn: www.linkedin.com/in/yuri-matsumura-2ab0681b8
Phone: +1 (281) 777 1076

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 formed a cartel in Japan's electricity retail market. During this period, they employed a market allocation scheme, withdrawing from each other's sales areas to maximize individual profits in own area. This paper examines the cartel's impact on procurement auctions used to select electricity suppliers for public buildings. The analysis reveals several key findings: (1) cartel members reduced their participation rates in procurement auctions held in outside their designated areas, (2) when they did participate, they submitted non-competitive (phony) bids, and (3) the average winning bids increased during the cartel period. To explore a counterfactual scenario without the cartel, I estimate an auction model with asymmetric risk-averse bidders. The simulation shows that if cartel members had continued participating in auctions in each other's areas, winning bids would have decreased, but auction efficiency would have been distorted due to bidder asymmetry.

OTHER WORKING PAPERS
"Challenges in Statistically Rejecting the Perfect Competition Hypothesis Using Imperfect Competition Data", with Suguru Otani, (Submitted to *International Journal of Industrial Organization*)

"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
Email: jeremyfox@gmail.com

Professor Yunmi Kong
Department of Economics, Rice University
Email: yunmi.kong.01@gmail.com

Professor Mallesh Pai
Department of Economics, Rice University
Email: mallesh.pai@rice.edu