

Yuri MATSUMURA

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RESEARCH INTERESTS

Empirical Industrial Organization, Applied Microeconomics, 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 Electricity Procurement”

Abstract: This paper investigates the impact of a market allocation cartel among major Japanese electricity companies on electricity procurement auctions. The cartel operated from 2018 to 2020, during which each firm avoided entering others’ regions. Using detailed auction data covering both the competitive and cartel periods, I find that cartel members significantly reduced participation and submitted higher, non-competitive bids in other firms’ regions, leading to increased winning bids. A counterfactual analysis using a model of auctions with risk-averse bidders reveals that adding outside incumbents reduces winning bids and winning costs but slightly distorts auction efficiency. The paper also highlights how changes in power plant composition, such as a shift toward nuclear generation, influence procurement costs. Overall, the cartel imposed financial burdens on public institutions, while increased competition led to lower winning bids and winner’s costs with negligible efficiency losses.

WORK IN PROGRESS

“An MPEC Estimator for Conduct Parameter Estimation in Homogeneous Goods Markets”, with Suguru Otani
“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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