

# YUYA SHIMIZU

## PERSONAL INFORMATION

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Email: yuya.shimizu [at] wisc.edu  
Nationality: Japanese

## EDUCATION

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2021-present Ph.D., Economics, **University of Wisconsin–Madison**, USA  
(with Doctoral Minor in Mathematics)  
2023 M.S., Economics, **University of Wisconsin–Madison**, USA  
2018-2019 M.A., Economics, **Keio University**, Tokyo, Japan  
Advisor: Takahiro Hoshino  
2014-2018 B.A., Economics, **Keio University**, Tokyo, Japan

## RESEARCH INTEREST

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Primary: Econometrics  
Secondary: Industrial Organization, Causal Inference

## RESEARCH EXPERIENCE

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2022-2024 RA for Prof. Xiaoxia Shi  
2020-2021 Part-time Researcher, RIKEN  
2018-2021 RA for Prof. Takahiro Hoshino  
2018-2019 Project Research Fellow, Statistics Bureau of Japan, Ministry of Internal Affairs

## TEACHING EXPERIENCE

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2024 TA for Econometrics I (Ph.D.), University of Wisconsin-Madison  
2021 TA for Artificial Intelligence and Industrial Economy (Undergraduate), Keio University  
2018 TA for Economic Theory Courses “Statistics and Data Analysis for Policy Making” (Graduate-level), Cabinet Office, Japan  
2018 TA for Independent Research Project C (Undergraduate), Keio University

## PUBLICATION

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- “Doubly Robust-type Estimation of Population Moments and Parameters in Biased Sampling,” with Takahiro Hoshino, **Stat**, (2019), 8(1), e241.

## WORKING PAPER

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- “Nonparametric Regression under Cluster Sampling,” revision requested at **Journal of Econometrics**
- “Optimal Testing in a Class of Nonregular Models,” with Taisuke Otsu

**WORK IN PROGRESS**

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- “Testing Inequalities Linear in Nuisance Parameters,” with Gregory Cox and Xiaoxia Shi
- “Network Experiments with Network Uncertainty,” with Kensuke Sakamoto

**TRANSLATION WORK**

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- Imbens, G. W. and D. B. Rubin / Shigemasu, K. and Hoshino, T. (supervisors of a translation), “Causal Inference in Statistics, Social, and Biomedical Sciences: An Introduction,” (translation into Japanese; responsible for Chapters 15 and 16), Asakura Publishing, (2023).

**PRESENTATION**

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- 2024 Kobe, Keio, Econometric Society European Meetings (Rotterdam), Canadian Econometric Study Group Meeting (Toronto), Southern Economic Association 94th Annual Meeting (Washington DC, scheduled)
- 2023 Wisconsin Econometrics Student Seminar
- 2022 Wisconsin Econometrics Student Seminar
- 2019 Eastern Asia Meeting on Bayesian Statistics (Kobe)
- 2018 Japanese Joint Statistical Meeting (Tokyo), Keio

**HONOR & FELLOWSHIP**

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- 2024 Student Research Grants Competition (travel funds), University of Wisconsin-Madison
- 2024 Summer Research Fellowship (with Kensuke Sakamoto), University of Wisconsin-Madison
- 2023 Kanematsu Prize, Kobe University
- 2023 Summer Research Fellowship, University of Wisconsin-Madison
- 2021-2022 Keio Global Fellowship, Keio University
- 2021 Takeo Yazaki Memorial Scholarship
- 2020-2021 Research Fellow of Japan Society for the Promotion of Science (DC1)
- 2018 Excellence Research Award, Student Thesis Contest, Association of Behavioral Economics and Finance
- 2016-2018 Keio University Scholarship
- 2016 Gold Prize, Mita Festival Thesis Contest, Keio University

**REFeree**

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Psychometrika

**LANGUAGE**

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English (fluent), Japanese (native)

**PROGRAMMING SKILL**

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MATLAB, R, Python, Julia, STATA, SQL