Tomoya Sasaki

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▬▬▬ Education

2024 (expected)	**Massachusetts Institute of Technology**, Cambridge, MA. Ph.D. in Political Science
2016	**The University of Tokyo**, Tokyo, Japan. M.A. in Law and Politics
2014	**Keio University**, Tokyo, Japan. B.A. in Law and Politics

▬▬▬ Other Experience

2023	**Intern, Experimentation and Causal Inference, Netflix**, Los Gatos, CA.
2018	**Pre-doctoral Research Fellow, Princeton University**, Princeton, NJ.
2016–2018	**Research Fellow, Institute of Statistical Mathematics**, Tachikawa, Tokyo, Japan.

▬▬▬ Publication

- "Keyword Assisted Topic Models" (with Shusei Eshima and Kosuke Imai). *American Journal of Political Science*, Forthcoming.

▬▬▬ Working Papers

- "Estimating Changepoints in Time-series Corpus" (with Daichi Mochihashi)

▬▬▬ Recent Conference Presentations

- Society for Political Methodology: 2023, 2020
- Midwest Political Science Association: 2022, 2018, 2016
- International Political Economy Society: 2020
- American Political Science Association: 2020, 2016
- Asian Political Methodology Annual Meeting (poster): 2019, 2018, 2017

▬▬▬ Recent Invited Presentations

- Harvard IQSS Applied Statistics Workshop: 2020
- International Methods Colloquium: 2020 (YouTube link)

▬▬▬ Teaching

Massachusetts Institute of Technology

- Quantitative Research Methods II (Causal Inference): Teaching Assistant, Spring 2022
- Quantitative Research Methods IV (Machine Learning): Teaching Assistant, Spring 2021
- Political Methodology Workshop Series Instructor: "Efficient Coding in R", "Introduction to Git and Github"
- Undergraduate Research Opportunities Program: Graduate Supervisor, Fall 2020-Present, Mentored 6 students

Computer Skills

- R, Python, C++, SQL (PostgreSQL, Presto, SparkSQL), LaTeX

Statistical Software

- "keyATM: Keyword Assisted Topic Models" (with Shusei Eshima and Kosuke Imai). Available through CRAN and the package website `https://keyatm.github.io/keyATM/`