

Xiaolong Yang

Curriculum Vitae

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Education

- 2023- A.M in Regional Studies - East Asia
Harvard University, Graduate School of Arts and Sciences, US
- 2018-2023 B.A. in Liberal Arts
The University of Tokyo, College of Arts and Sciences, Japan
- Visiting Undergraduate Student
- 2021 **Peking University**, Yuanpei College, China
- 2021 **National University of Singapore**, Faculty of Arts and Social Sciences, Singapore

Areas of Interest

Political Methodology | Individualized Treatment Rules | Interference

Grants, Honors, and Scholarships

- 2023 Ph.D. Admission to UC Berkeley Department of Political Science (courteously declined)
- 2022-2023 UTokyo-EAA Young Researcher Research Grants (\$3000)
First-ever undergraduate recipient of this doctoral research grant
UTokyo East Asian Academy for New Liberal Arts
- 2021-2022 UTokyo-EAA Exchange Scholarship (\$2500)
UTokyo East Asian Academy for New Liberal Arts
- 2018-2019 Monbukagakusho Honors Scholarship (\$5000)
Japan, Ministry of Education, Culture, Sports, Science and Technology (MEXT)

Research Pipeline

WORKS-IN-PROGRESS

- 2022-present evalITR: An R package for treatment effects heterogeneity detection and individualized treatment rules evaluation with causal machine learning methods

BOOKS

- Forthcoming “An Authoritative Guide for R Markdown” *China Machine Press*.
2023 Chunhui Gao, Yifan Wang, Qiushi Yan, Liangliang Zhuang, **Xiaolong Yang**

SOFTWARE

- 2022-present [evalITR](#). The Comprehensive R Archive Network, contributor.

CONFERENCE PRESENTATIONS

- 2023 Asian Political Methodology Conference, poster (x2), Singapore
- 2023 Japanese Society for Quantitative Political Science, poster, Tokyo
- 2021 Asian Future Political Leader Association, Political Science Division, presentation, online

Research Assistanships

- 2023 External Validity; *Columbia University*
Prof. Naoki Egami, Assistant Professor of Government
- 2022 Causal Machine Learning; *Harvard University*
Prof. Kosuke Imai, Professor of Government and Statistics
- 2021 Various projects on Image-based Treatment Effect Heterogeneity; *University of Texas, Austin*
Prof. Connor Jerzak, Assistant Professor of Government
- 2021 Productive/Positive Aging in Singapore; *National University of Singapore*
Prof. Leng Leng Thang, Associate Professor of the Department of Japanese Studies

Teaching

- 2022 [Introduction to Quantitative Social Science](#) (class of 30; student evaluation of 4.7/5.0)
TA to Prof. Kosuke Imai; University of Tokyo, Japan
- 2019–2020 TOEFL (taught class of 80+ students)
English Lecturer; Meiko Education Group, Japan
- 2018–2019 Volunteer Instructor, Komaba Primary School, Japan

Academic Services

- 2021 Co-organizer (with Prof. Kenneth McElwain), Methodology of Social Sciences Lecture Series, UTokyo Institute of Social Science, “[Use of Artificial Intelligence in Criminal Justice System: Experimental Evaluation](#)”, Invited Speaker: Prof. Kosuke Imai (Harvard)
- 2021 Moderator & Co-organizer (with Prof. Tsuyoshi Ishii), NUS-UTokyo (EAA) Academic Seminar, “[Expectations on the Family: Policies to Encourage Filial Support in Asia](#)”(Report), Invited Speaker: Prof. Leng Leng Thang (NUS)

Skills

MACHINE LANGUAGE & VERSION CONTROL

R (base; tidyverse) | Python | Julia | STATA | \LaTeX | Git | bash | Matlab | HTML/CSS

MACHINE LEARNING

Tensorflow | Pytorch | JAX | Keras

NATURAL LANGUAGE

English | Mandarin | Japanese