

UNDRAL BYAMBADALAI

Shibuya Scramble Square 22F
Shibuya, Shibuya-ku
Tokyo 150-6121 Japan

Email: undral_byambadalai@cyberagent.co.jp

Web: <https://undara.github.io>

EMPLOYMENT

Research Scientist, CyberAgent, Inc., AI Lab, August 2023 - Present

Postdoctoral Scholar, Stanford University, September 2021 - May 2023

EDUCATION

Ph.D., Economics, Boston University, Boston, MA, 2021

Dissertation Title: *Essays on the Econometric Analysis of Treatment Assignment Rules and Altruistic Preferences*

Dissertation Committee: Hiroaki Kaido, Iván Fernández-Val, Ching-to Albert Ma and Jean-Jacques Forneron

B., Commerce and Management, Hitotsubashi University, Tokyo, Japan, 2014

FIELDS OF INTEREST

Econometrics, Applied Microeconomics

PUBLICATIONS

Byambadalai, U., Oka, T., & Yasui, S. (2024). Estimating Distributional Treatment Effects in Randomized Experiments: Machine Learning for Variance Reduction. In *Forty-first International Conference on Machine Learning*.

Byambadalai, U., Ma, C. T. A., & Wiesen, D. (2023). Changing Preferences: An Experiment and Estimation of Market-Incentive Effects on Altruism. *Journal of Health Economics*, 92, 102808.

WORKING PAPERS

“Regression Adjustment for Estimating Distributional Treatment Effects in Randomized Controlled Trials,” (with Tatsushi Oka, Shota Yasui, Yuta Hayakawa), 2024

“The Heterogeneous Impact of Changes in Default Gift Amounts on Fundraising,” (with Susan Athey, Matias Cersosimo, Kristine Koutout, and Shanjukta Nath), 2024, Submitted

“Contextual Bandits in a Survey Experiment on Charitable Giving: Within-Experiment Outcomes versus Policy Learning,” (with Susan Athey, Vitor Hadad, Sanath Kumar Krishnamurthy, Weiwen Leung, and Joseph Jay Williams), 2022, Submitted

“Identification and Inference for Welfare Gains without Unconfoundedness,” 2022

PRESENTATIONS

Microeconometrics Class of 2020 and 2021 Conference, Duke University, 2023
University of Mannheim, 2021
University of Surrey, 2021
University of Bristol, 2021
Institute of Social and Economic Research, Osaka University, 2021
Econometric Society/Bocconi University World Congress, 2020
European Economic Association Annual Congress, 2020
BU-BC Joint Workshop in Econometrics, 2019, 2020

FELLOWSHIPS AND AWARDS

Research Grant, Institute for Economic Development, Boston University, 2017
Japanese Government Scholarship for Undergraduate Studies, 2009 - 2014
Academic Achievement Award, Hitotsubashi University, 2013

WORK EXPERIENCE

Research Assistant for Hiroaki Kaido, Boston University, Fall 2017 - Spring 2021
Research Assistant for Pierre Perron, Boston University, Summer 2019

TEACHING EXPERIENCE

Instructor, Introductory Microeconomic Analysis, Boston University, Summer 2018
Teaching Fellow, Introductory Microeconomic Analysis, Boston University, Fall 2015 -
Spring 2017
Teaching Assistant, Advanced Microeconomics (M.A. level), Hitotsubashi University, Spring
2014

LANGUAGES

English (fluent), Japanese (fluent), Mongolian (native)

COMPUTER SKILLS: Python, R, Stata, Matlab

REFERENCES

Professor Susan Athey
Graduate School of Business
Stanford University
Phone: (650) 725-1813
Email: athey@stanford.edu

Professor Hiroaki Kaido
Department of Economics
Boston University
Phone: (617) 358-5924
Email: hkaido@bu.edu

Professor Ching-to Albert Ma
Department of Economics
Boston University
Phone: (617) 353-4010
Email: ma@bu.edu

Professor Iván Fernández-Val
Department of Economics
Boston University
Phone: (617) 353-9670
Email: ivanf@bu.edu

Professor Jean-Jacques Forneron
Department of Economics
Boston University
Phone: (617) 353-4824
Email: jjmf@bu.edu