

# Shusei Eshima

## PERSONAL INFORMATION

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*Address* CGIS Knafel Building  
Harvard University  
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Cambridge, Massachusetts 02138

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*Website* <https://shusei-e.github.io/>

## EDUCATION

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- Ph.D. in Government** 2018 - (in progress)  
*Graduate School of Arts & Sciences, Harvard University*
- M.A. in Political Science** 2016 - 2018  
*Graduate Schools for Law and Politics, The University of Tokyo*  
Thesis Title: A New Approach to Model Texts in Political Science: Infinite Tree-Structured Topic Model
- B.A. in Political Science** 2011 - 2016  
*Department of Advanced Social and International Studies, The University of Tokyo*  
Thesis Title: The Mechanism of Foreign Aid for Democratization: Cross-National Analysis 1990-2010
- Exchange Student** 2013 - 2014  
*Department of Politics and International Studies, The University of Warwick*

## FIELDS OF INTEREST

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Political Methodology: Bayesian Machine Learning, Causal Inference, Natural Language Processing  
Comparative Politics: Representation, Civil Society

## PAPERS

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### Working Papers

1. **Shusei Eshima**, Kosuke Imai, and Tomoya Sasaki. 2020. "Keyword Assisted Topic Models." Working Paper, URL: <https://arxiv.org/abs/2004.05964>

### Peer-Reviewed Publications

2. **Shusei Eshima**, and Daniel M. Smith. 2021. "Just a Number? Voter Evaluations of Age in Candidate Choice Experiments." Forthcoming in *Journal of Politics*
1. Kenneth M. McElwain, **Shusei Eshima**, and Christian G. Winkler. 2021. "The Proposer or the Proposal? An Experimental Analysis of Constitutional Beliefs." *Japanese Journal of Political Science* 22 (1): 15-39

### Invited Contributions

1. **Shusei Eshima**. 2021. "Quantitative Social Science." *Journal of the Association of Political and Social Science* 134 (5/6)

## SOFTWARE

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keyATM: An R package for Keyword Assisted Topic Models using Rcpp

## CONFERENCE PRESENTATIONS

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13. Text Analysis Across Domains (University of California, Berkeley, December 2020), Lightning Talk.
12. Latin American Political Methodology Meeting, Annual Meeting (Virtual conference, November 2020), Poster.
11. American Political Science Association, Annual Meeting (Virtual conference, September 2020), Presentation.
10. Annual Conference of the Society for Political Methodology (Virtual conference, July 2020), Poster.
9. Midwest Political Science Association, Annual Meeting (Chicago, IL, April 2020), Presentation.
8. Japanese Society for Quantitative Political Science, Annual Meeting (Waseda University, January 2020), Presentation.
7. American Political Science Association, Annual Meeting (Washington, DC, August 2019), Presentation.
6. Midwest Political Science Association, Annual Meeting (Chicago, IL, April 2018), Lightning Talk.
5. Asian Political Methodology Meeting (Seoul National University, January 2018), Poster.
4. Japanese Society for Quantitative Political Science, Annual Meeting (University of Tokyo, January 2018), Presentation.
3. PyCon JP 2016 (Waseda University, September 2016), Poster.
2. Midwest Political Science Association, Annual Meeting (Chicago, IL, April 2016), Poster.
1. International Conference of Undergraduate Research (Monash University, September 2014), Presentation.

## OTHER PRESENTATIONS

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2. International Methods Colloquium (Online colloquium, May 2020), Presentation.
1. Applied Statistics Workshop (Institute for Quantitative Social Science, February 2020), Presentation.

## TEACHING

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### Harvard University (Graduate)

**Causal Inference with Applications** Spring 2021

Professor Kosuke Imai

A graduate course in causal inference for both Government and Statistics students.

**Quantitative Social Science Methods I** Fall 2020

Professor Gary King

A first graduate or second undergraduate course in political methodology.

### Harvard University (Undergraduate)

**Data** Spring 2022

Professor Adeline Lo

A first undergraduate course of statistics for Government concentrators.

**Introduction to Quantitative Methods for Economics** Fall 2021

Professor Kevin Rader

A first undergraduate course of statistics for Economics concentrators.

### The University of Tokyo

**Introduction to Quantitative Social Science**  
Professor Kosuke Imai  
The first course in statistics and R for undergraduates

Summer 2020

**Freshman Seminar Program**  
Professor Taizo Takeno  
A discussion-based seminar for freshmen

Spring 2016

## **ACADEMIC EXPERIENCE**

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**Graduate Affiliate** Institute for Quantitative Social Science  
*September, 2018 - present*

**Research Fellow** Institute of Statistical Mathematics  
*October, 2016 - September, 2017*  
Professor Daichi Mochihashi

**Research Assistant** The University of Warwick  
*November, 2013 - June, 2014*  
Professor Renske Doorenspleet and Professor Tina Freyburg

## **FELLOWSHIPS AND GRANTS**

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**IQSS Research Grant** Institute for Quantitative Social Science  
Research grant for graduate students.  
May, 2021

**Travel Grant** Institute for Quantitative Social Science  
For attending Japanese Society for Quantitative Political Science.  
January, 2020

**Scholarship for Studying Abroad** Kikawada Foundation  
Award to support studying abroad.  
September, 2018

**Ito Foundation U.S.A.-FUTI Scholarship** Friends of UTokyo, Inc.  
Award to support preparation for the study in the United States.  
April, 2018

**Japan Student Services Organization Scholarship** Japan Student Services Organization  
Repayment exemption for students with excellent achievements.  
April, 2016 - March, 2018

**Friends of UTokyo Global Leadership Award** Friends of UTokyo, Inc.  
Award to support participation in summer schools in the United States.  
July, 2016

**University Fellowship for Exchange Students** The University of Warwick  
Fellowship awarded for exchange students.  
2013-2014

**University Fellowship for Study Abroad** The University of Tokyo  
Fellowship awarded for students who study abroad.  
2013-2014

## AWARDS

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- Distinction and Excellence in Teaching (2021, based on numeric course evaluations)
- Distinction and Excellence in Teaching (2020, based on numeric course evaluations)

## SERVICE

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### Referee Service

*American Political Science Review*

## TRAINING

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1. Coursera
  - Neural Networks and Deep Learning (2018)
  - Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (2018)
  - Structuring Machine Learning Projects (2018)
  - Convolutional Neural Networks (2018)
2. Inter-university Consortium for Political and Social Research (July, 2016 / Fordham University)
  - Designing, Conducting, and Analyzing Field Experiments
3. Essex Summer School (July, 2014 / University of Essex)
  - Applying Regression Analysis
  - Panel Data Analysis in Comparative Politics

## SKILLS

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<i>Languages</i>	Japanese (native), English (fluent)
<i>Programming</i>	R, Python, C++, $\LaTeX$
<i>Software</i>	ArcGIS

*Last Updated on 7 May, 2022*