

Fredrik Sävje

Rosenkranz Hall
115 Prospect Street
New Haven, CT 06511

+1 (203) 432 4672
fredrik.savje@yale.edu
<https://fredriksavje.com>

Appointments & affiliations

Assistant Professor, Department of Political Science, Yale University.

Assistant Professor, Department of Statistics and Data Science (secondary), Yale University.

Resident Fellow, Institution for Social and Policy Studies, Yale University.

Past appointments, affiliations & visits

2019–2020 Visiting Scholar, Department of Political Science & Graduate School of Business, Stanford University.

2015–2017 Post-doctoral Fellow, Department of Political Science & Department of Statistics, UC Berkeley.

2013–2014 Visiting Student Researcher, Department of Economics, UC Berkeley.

Education

2015 Ph.D., Economics, Uppsala University.

2013 Ph.Lic., Economics, Uppsala University.

2010 B.Sc., Economics & Political Science, Uppsala University.

Publications

Peer-reviewed publications

Delevoeye & Sävje (2019). Consistency of the Horvitz-Thompson estimator under general sampling and experimental designs. *Journal of Statistical Planning and Inference*, in print.

Bengtsson, Sävje & Swartling Peterson (2019). Fetal iodine deficiency and schooling. *Scandinavian Journal of Economics*, in print.

Higgins, Sävje & Sekhon (2016). Improving massive experiments with threshold blocking. *Proceedings of the National Academy of Sciences*, 113(27), 7369–7376.

Invited publications

Sävje (2019). Comment: Matching methods for observational studies derived from large administrative databases. *Statistical Science*, in print.

Aronow & Sävje (2019). Review: The Book of Why. *Journal of the American Statistical Association*, in print.

Software

distances: R package with tools for distance metrics.

quickmatch: Quick Generalized Full Matching in R.

quickblock: Quick Threshold Blocking in R.

scclust: C library for size-constrained clustering.

Awards, grants & fellowships

Yale Junior Faculty Fellowship, 2019–2020.

Gosnell Prize for Excellence in Political Methodology, 2018,
with Peter Aronow and Michael Hudgens.

NSF Conference Grant, PolMeth Summer Meeting, 2015.

UK Causal Inference Meeting, 2015, conference grant.

Swedish International Development Cooperation Agency, 2013–2015, SEK 2,595,000,
with Niklas Bengtsson, Eva Mörk and Jonas Poulsen.

The Jan Wallander and Tom Hedelius foundation, 2013–2014, SEK 321,000.

The Siamon foundation, 2013, conference grant.

Presentations

Invited presentations

- 2020 Causal Inference with Big Data, BIRS, Banff, scheduled.
 Department of Political Science, UC San Diego, scheduled.
 Interdisciplinary Seminar in Quantitative Methods, University of Michigan, scheduled.
 Gillings School of Global Public Health, UNC-Chapel Hill, scheduled.
 Department of Statistics, UC Berkeley, scheduled.
- 2019 Causal Learning with Interactions Conference, Cemmap, London.
 Joint Statistical Meetings, Denver.
- 2018 Joint Statistical Meetings, Vancouver.
 Yamakawa Kenjiro Lecture, University of Tokyo.
 European Causal Inference Meeting, University of Florence.
 Department of Political Science, NYU.
 Department of Political Science, MIT.
- 2016 Columbia Business School, Columbia University.
- 2015 Department of Political Science, Yale University.
 Department of Statistics, Uppsala University.
 Institute for International Economic Studies, Stockholm University.
- 2013 Department of Statistics, Umeå School of Business and Economics.

Contributed presentations

- 2019 Society for Political Methodology, MIT.

- Atlantic Causal Inference Conference, McGill University.
- 2018 APSA Annual Meeting, Boston.
- 2017 Society for Political Methodology, University of Wisconsin-Madison.
Atlantic Causal Inference Conference, University of North Carolina.
Midwest Political Science Association, Chicago.
- 2016 Midwest Political Science Association, Chicago.
- 2015 Society for Political Methodology, University of Rochester.
UK Causal Inference Meeting, University of Bristol.
- 2013 Nordic Econometric Meeting, Norwegian School of Economics.

Teaching

Yale University

Data Science for Politics and Policy (undergrad). Spring 2018, 2019.
Foundations of Statistical Inference (grad). Spring 2019.
Advanced Quantitative Methods (grad). Fall 2017, 2018.
The Application of Quantitative Methods (grad). Spring 2018.

Uppsala University (teaching assistant)

Micro Theory I (grad). Fall 2011, 2012.
Intermediate Micro Theory with Applications (undergrad). Spring 2011.
Introductory Micro- and Macroeconomics (undergrad). Fall 2011, 2012.

Students

Dissertation committee member

Chris Harshaw, Computer Science, Yale, 2020–present.
Brandon Chow, Statistics and Data Science, Yale, 2019–present.
Kyle Peyton, Political Science, Yale, 2018–present.
Molly Offer-Westort, Political Science & Statistics and Data Science, Yale, 2017–2019.

Dahl Research Scholar mentor

Akhil Rajan, Political Science, Yale, 2018–2019.

Service

Yale University

Chair, Quantitative Methods General Exam Committee, 2019.
Organizer, MacMillan–CSAP Workshop on Quantitative Research Methods, 2018–2019.
Member, Social Science–Data Science Search Committee, 2018.

Disciplinary Service

Committee member, Gosnell Prize for Excellence in Political Methodology, 2019.

Reviewer, American Statistical Association Biometrics Section Travel Awards, 2018.

Session organizer, Joint Statistical Meetings, 2018.

Reviewer

American Journal of Political Science; The American Statistician; Annals of Applied Statistics; Journal of the American Statistical Association (2); Journal of Causal Inference; Journal of Economic Behavior & Organization; Journal of Health Economics; Journal of Machine Learning Research; Journal of the Royal Statistical Society: Series A; Journal of the Royal Statistical Society: Series B; Political Analysis (2); Political Science Research and Methods; The R Journal; Statistics & Probability Letters.

Last updated January 7, 2020.