Fredrik Sävje

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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

Sävje, Aronow & Hudgens (2020). Average treatment effects in the presence of unknown interference. *Annals of Statistics*, in print.

Delevoye & Sävje (2020). Consistency of the Horvitz-Thompson estimator under general sampling and experimental designs. *Journal of Statistical Planning and Inference*, 207, 190–197.

Bengtsson, Sävje & Swartling Peterson (2020). Fetal iodine deficiency and schooling. *Scandinavian Journal of Economics*, 122(2), 582–621.

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

Invited publications

Sävje (2020). Comment: Matching methods for observational studies derived from large administrative databases. *Statistical Science*, in print.

Aronow & Sävje (2020). Review: The Book of Why. *Journal of the American Statistical Association*, 115(529), 482–485.

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	CMStatistics, King's College, London, scheduled.
	Causal Inference with Big Data, BIRS, Banff, scheduled.
	Department of Political Science, UC San Diego.
	Interdisciplinary Seminar in Quantitative Methods, University of Michigan.
	Gillings School of Global Public Health, UNC Chapel Hill.
	Causal Inference Group, UC Berkeley.
2019	Causal Learning with Interactions Conference, Cemmap, London.
	Causal Inference Group, Stanford University.
	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

2020   Society for Political Methodology, Online, scheduled.

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 (2); 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 (2); Political Analysis (2); Political Science Research and Methods; The R Journal; Statistics & Probability Letters.

Last updated May 4, 2020.