DAVIDE VIVIANO

Department of Economics,
Harvard University
1805 Cambridge Street,
Cambridge, MA 02138 Main

Phone: (619) 343-7802
Email: dviviano@fas.harvard.edu
Website: https://dviviano.github.io
Office: 121 Littauer Center

APPOINTMENTS

Assistant Professor, *Department of Economics, Harvard University*	*2024 -*
Postdoctoral Fellow, *Department of Economics, Harvard University*	*2023 - 2024*
Postdoctoral Fellow, *Stanford Graduate School of Business* (sponsored by G. Imbens)	*2022 - 2023*

EDUCATION

Ph.D. in Economics, *University of California, San Diego*, U.S.A.	*2017 - 2022*
Committee: G. Elliott (Chair), P. Niehaus, Y. Sun, K. Wüthrich, J. Bradic, J. Fowler	
MSc. in Data Science, *Barcelona Graduate School of Economics*, Spain	*2016 - 2017*
BSc. in Economics, *Luiss Guido Carli*, Rome, Italy	*2013 - 2016*
Exchange Program at the *University of British Columbia*, Vancouver, CA	*2015*

FIELDS OF INTEREST

Theoretical and Applied Econometrics (Primary); Development Economics (Secondary)

WORKING PAPERS

Breza, Emily, Arun Chandrasekhar, Davide Viviano. *Generalizability with ignorance in mind: learning what we do (not) know for archetypes discovery*

Jagadeesan, Ravi and Davide Viviano. *Publication design with incentives in mind*, link

Viviano, Davide, Lihua Lei, Guido Imbens, Brian Karrer, Okke Schrijvers, Liang Shi. *Causal clustering: design of cluster experiments under network interference*, link

Imbens, Guido and Davide Viviano. *Identification and Inference for Synthetic Controls with Confounding*, link

Viviano, Davide, and Jess Rudder. *Policy design in experiments with unknown interference*, link

Viviano, Davide, Kaspar Wüthrich and Paul Niehaus. *A model of multiple hypothesis testing*, link
(R&R at Review of Economic Studies)

Viviano, Davide and Jelena Bradic. *Dynamic covariate balancing: estimating treatment effects over time*, link

Viviano, Davide. *Experimental Design under Network Interference*, link

ACCEPTED OR PUBLISHED PAPERS

Viviano, Davide. *Policy Targeting under Network Interference*, link (forthcoming at *Review of Economic Studies*)

Viviano, Davide and Jelena Bradic. *Fair Policy Targeting*, link (*Journal of the American Statistical Association*)

Viviano, Davide and Jelena Bradic. *Synthetic Learner: Model Free Inference over Time*, link (*Journal of Econometrics*)

SCHOLARSHIPS AND AWARDS

2023 Zellner Thesis Award (best PhD econometric thesis in 2022),   *2023*
    Business and Economic Statistics Section of the American Statistical Association
Chae Family Economics Research Award, *Harvard University*   *2023*
REStud Tour, *The Review of Economic Studies*   *2022*
Walter Heller Memorial Prize (best 3rd Year Paper), *UC San Diego*   *2020*
Clive Granger Research Scholarship, *UC San Diego*   *2020*
Summer Research Fellowship/RAship, *UC San Diego*   *Summers 2018, 2019, 2021*
HPC at UC Award, *San Diego Super Computer Center*   *2020 - 2021*
Advancement to Candidacy Fellowship, *UC San Diego*   *a.y. 2020-2021*
Graduate Tuition Scholarship and TAship, *UC San Diego*   *2017 - 2022*
Graduate Tuition Fellowship (75%), *Barcelona GSE*   *a.y. 2016-2017*
Exchange Program Fellowship, *Luiss University*   *2015*

SOFTWARE

NetworkTargeting: an R-package for estimating who to treat in the presence of spillover effects (joint with Jake Carlson), link
DynBalancing: an R-package for inference on treatment effects over time and high-dimensions, link

PROFESSIONAL ACTIVITIES

Seminar Presentations
2024/Scheduled Brown (metrics), UNC, Boston University, Microsoft Research, EUI (Florence), Stanford Economics (development), University of Georgia, Chicago Booth, Bocconi University, University of Bologna, Chinese University of Hong Kong, Michigan State University, Opportunity Insights
2023 UCLA, Georgetown University, Brown University (applied micro), USC, Stanford Statistics, SFU, UIUC, Columbia, UConn, Cornell, FAO, Harvard Statistics
2022 Princeton, UC Davis, Berkeley, NYU, Northwestern, UChicago, Harvard, UPenn, Notre Dame, Yale, UW-Madison, UCL, McGill, Emory QTM, Queen's University, Microsoft, Pompeu Fabra, PSE, University of Manchester, University of Vienna, Chamberlain Seminar, Penn State, Kyiv School of Economics (online), Ohio State University, Luiss University
2021 NYU Quantitative Methods Workshop
Conference/workshop Presentations
2024/scheduled Economic Analysis of Science (Oxford), EEA-ESEM (workshop in metrics), North American Winter Meeting, SEA, Bravo workshop (Brown), Cowles Conference, Microeconometrics Junior Conference, Network Science in Economics Conference
2023 Yale Rise conference, ASSA 2023, Using Data to Make Decisions Workshop (Brown), Econometric Society Summer Meeting, Cowles Conference
2022 Yale-Rise conference, Bringing Together Econometrics and Applied Economics Conference (UW-Madison), SEA, California Econometric Conference, NBER Summer Institute (Labor Studies), Data Science conference (Texas A&M)
2021 Young Economists Symposium (Princeton), EEA-ESEM congress, Center for Causal Inference Symposium (Pardee Rand), Econometric Society North American Summer Meeting, 6th Annual Conference of Networks and Economics, ASSA 2021, EGSR Conference
2020 EGSR Conference, Young Economists Symposium (UPenn, online), Econometric Society World Congress (online)
2019 Causal Learning with Interactions (Cemmap), EGSR Conference

Referee Service
American Economic Review, AER:Insights, Annals of Applied Statistics, Biometrika, Econometrica, Economics Letters, Journal of the American Statistical Association, Journal of Business Economics and Statistics, Journal of Econometrics, Journal of Development Economics, Journal of Political Economy, Quantitative Economics, Quarterly Journal of Economics, Review of Economic Studies, Review of Economics and Statistics, The American Statistician

Service in conference committees Rome Workshop on Econometrics: Frontiers in Causal Inference (organizer, link), EEA-ESEM 2024 (reviewer), SED conference 2024 (reviewer)

TEACHING EXPERIENCE

As instructor at Harvard
Topics in Econometrics (second year PhD class covering advanced topics in causal inference)   *2024*

As a Teaching Assistant at UC San Diego

Environmental Economics	*Falls 2018, 2019, 2021*
Economic and Business Forecasting	*Winters 2019, 2020, 2021*
Econometrics A and B	*Fall 2020, Springs 2019, 2021, 2022*

OTHER POSITIONS HELD

Visiting Researcher, *Meta Inc.*	*December 2022 - June 2022*
Research Intern, *Meta Inc.*	*Summer 2020*

Research focus: Design/analysis of network experiments; Team: Core Data Science

OTHER INFORMATION

Computing: Unix, R, Python, MATLAB, Julia, HTML, LaTeX, SQL.
Languages: Italian (Mother Tongue), English (Fluent), Spanish (Fluent), French (Basic).
Citizenship: Italian

October, 2024