Resume

Edoardo Briganti, Ph.D. Candidate

https://edoardobriganti.github.io   Github Repository   Edoardo Briganti

ebrigant"at"ucsd.edu

Skills

Time Series Econometrics	VAR (SVAR, EVAR, Proxy-SVAR), Local Projections (LP), Local Projections Instrumental Variables (LP-IV), ARIMA models, Kalman Filter, Spatial Panel Autoregression, Bayesian MCMC, Markov Chain Regime Switching Models, Structural Breaks (Chow tests).
Causal Inference	Difference-in-Difference, Instrumental Variables, Regression Discontinuity.
Discrete Choice Models	Probit, Logit, Multinomial.
Statistical Software	Stata, Matlab, Python, R (Basic).
DBSM	Google Big Query, MySQL.
Others	Github - LaTeX- MS Office.
Languages	Italian (Native) - English (Proficient) - French (Basic).

Education

09/2018 – current	**Ph.D Economics, University of California, San Diego**. Expected Graduation: June 2024.
09/2014 – 03/2017	**M.Sc. Economics, Bocconi University**. Grade: 110 cum Laude/110.
12/2013 – 05/2014	**Exchange Program, University of Victoria** Dep. of Economics (Canada, BC).
09/2011 – 09/2014	**B.Sc. Economics, Bocconi University**. Grade: 104/110.

Working Experience

Private Sector

06/2022 – 08/2022	**Internship, Economist/Data Scientist** at Wayfair. Boston (USA).
01/2016 – 04/2016	**Internship, Investment Consultant** at Leopard Capital. Phonm Penh (Cambodia).

Teaching and Research

09/2019 - Today	**Teaching Assistant**, UC San Diego. (Econometrics, Operation Research, Macroeconomics).
03/2017 – 06/2018	**Research Assistant**, Bocconi University.
02/2018 - 06/2018	**Teaching Assistant**, Bocconi University (Statistics).

Research Projects

- Working Papers:
  1. *Why Does GDP Move Before Government Spending? It Is All in the Measurement.* (Link to the paper).
     - Used LP-IV (Local Projections Instrumental Variables), EVAR (Expectational Structural VAR) and Local Projections.
     - Analyzed data with 71 million procurement contracts with 284 covariates per contract. Analyzed monthly level data on industry employment (5 digit NAICS code).
  2. *The Network Effect of Fiscal Adjustments* (Link to the paper).
     - Used fully vectorized Bayesian MCMC with Gibbs Sampler and Metropolis-Hastings algorithm, to estimate spatial panel autoregressive model. Parallelized Placebo simulations (code).
     - Studied propagation of fiscal consolidation in the US throughout the industrial network.

Grants and Scholarship

- **2023 - Best Teaching Assistant Award** from UC San Diego: 500$
- **2019 and 2020 - Graduate Summer Research** from UC San Diego: 4,000$.
- **2017 - Giorgio Mortara Scholarship** from *Banca d'Italia* (27,000€ + UC San Diego first year PhD Tuition). Find my M.Sc thesis title among the list of winners on the Banca d'Italia's website, here (“*Chaos in Capital Accumulation Path with Non Linear Aggregators*")