Resume

Edoardo Briganti, Ph.D. Candidate

ebrigant"at"ucsd.edu   Github Repository   https://edoardobriganti.github.io
Edoardo Briganti

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

Teaching and Research

09/2019 - Today	◇ **Teaching Assistant**, UC San Diego. (Econometrics, Operation Research, Macroeconomics). Approval Rate: 100%.
03/2017 – 06/2018	◇ **Research Assistant**, Bocconi University. Reference: Prof. *Carlo Favero* in.
02/2018 - 06/2018	◇ **Teaching Assistant**, Bocconi University (Statistics).

Private Sector

06/2022 – 08/2022	◇ **Internship, Economist/Data Scientist** at Wayfair. Boston (USA). Reference: *Red Davies* in.
01/2016 – 04/2016	◇ **Internship, Investment Consultant** at Leopard Capital. Phonm Penh (Cambodia). Reference: *Michael Pritchett* in.

Research Projects

- Working Papers:
  1. *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. Constructed fully parallelized Placebo simulations (code).
     - Studied propagation of fiscal consolidation in the US throughout the industrial network.
  2. *Why Does GDP Move Before G? 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).

Grants and Scholarship

- **2023 - Best Teaching Assistant Award** from UC San Diego: 500$ (for teaching short-run macroeconomics).
- **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*")