

Resume

Edoardo Briganti, Ph.D. Candidate

✉ ebrigant"at"ucsd.edu

🔗 Github Repository

🔗 <https://edoardobriganti.github.io>

in 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. <i>Carlo Favero</i> 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: <i>Red Davies</i> in .
01/2016 – 04/2016	◇ Internship, Investment Consultant at Leopard Capital. Phonm Penh (Cambodia). Reference: <i>Michael Pritchett</i> 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 Moves 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")