

Resume

Edoardo Briganti, Ph.D. Student

✉ 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, 📊 R (Basic).
DBSM	◇ 📊 MySQL (Basic).
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: 2023.
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

Research

03/2017 – 06/2018	◇ Research Assistant , Bocconi University. Reference: Prof. Carlo Favero in .
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Consulting

01/2016 – 04/2016	◇ Internship, Investment Consultant at Leopard Capital. Phonm Penh (Cambodia). Reference: Michael Pritchett in .
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Teaching

Statistics	◇ Teaching Assistant , Bocconi University.
Econometrics	◇ Teaching Assistant , UC San Diego. Approval Rate: 94.5%.
Operations Research	◇ Teaching Assistant , UC San Diego. Approval Rate: 100%.
Macroeconomics	◇ Teaching Assistant , UC San Diego. Approval Rate: 100%.

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.
 - Run Placebo simulations ([code](#) is fully parallelized).
 - Studied propagation of fiscal consolidation in the US throughout the industrial network.
 2. *Defense Procurement: Anticipation or Implementation Lag?*.
 - 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).
 - Used firm level data to predict procurement contracts awards.
 3. *The Heterogenous Effect of Tax shocks: A Regional Perspective*.
 - Used lag-augmented local projections and Difference-in-Difference.
 - Constructed US county level income distribution using SOI/IRF data and Generalized Pareto Interpolation.
 - Studied the county level effects of personal income tax shocks in the US.

Grants and Scholarship

- ◇ **2017 Giorgio Mortara Scholarship** from Banca d'Italia (27,000€ + UC San Diego first year PhD Tuition); **2019 Graduate Summer Research** from UC San Diego (4,000\$); **2020 Graduate Summer Research** from UC San Diego (4,000\$).