Resume

Edoardo Briganti, Ph.D. Student

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, R (Basic).
DBSM	◇ 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: 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*.

Consulting

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

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$); **2020 Graduate Summer Research** from UC San Diego (4,000$).