ADRIANO AMATI

adriano.amati@unive.it | adrianoamati@gmail.com |

 adriano-amati | adrnmt95

EXPERIENCE

Postdoctoral Researcher
International Relations and Data Science (IRDS) Group

03/2026 - Present
ETH Zürich, Switzerland

◦ The IRDS research group uses statistical and computational approaches, as well as fieldwork and strategies for causal inference, to study organized violence against civilians in war, activism and norm change, the international diffusion of gendered norms, civilian agency and resilience, and approaches to reduce gender-based violence

◦ Website: https://irds.ethz.ch/research.html

Ph.D. in Economics
Department of Economics

09/2022 - 01/2026
Ca' Foscari University of Venice, Italy

◦ **Thesis:** "Essays on Political Economy: Elections, Conflict & Organized Crime"

◦ **Research Topics:** Political Economy, Conflict, Crime, Voting, Causal Inference, Policy Evaluation, Network Econometrics, Machine Learning, Natural Language Processing, Deep Learning, Large Language Models

◦ **Teaching**: Causal Machine Learning (Lecturer, PhD), Microeconomics TA (Bachelor), Macroeconomics TA (Bachelor), Probability Theory and Statistics TA (PhD), "Economics of Risk and Agent Behavior" (Master)

◦ Supervisors: professors M. Di Cataldo and A. Brugiavini

Visiting Researcher
Center for Law, Data Science and Economics

09/2024 - 07/2025
ETH Zürich, Switzerland

◦ Visiting Ph.D. at ETH Zürich's Center for Law and Economics (professor Elliott Ash research group)

◦ Worked on projects on political economy, voting, and text-as-data methods

◦ Ongoing research projects on fine-tuning Large Language Models (LLMs) for post-OCR correction of the US Congressional Record and on ideal point estimation using Graph Neural Networks (GNNs)

Research Assistant
RA for professor G. Mastrobuoni (AI4MUSE Project)

04/2021 - 09/2022
Univeristy of Turin, Italy

◦ Developed AI models and Machine Learning algorithms to forecast the number of visitors in museums and cultural sites participating to the AI4MUSE project in real time

◦ Developed research in network econometrics to analyse peer effects in cultural consumption for museum card-holders

◦ Worked in outreach and communication activities for the AI4MUSE project, website and social media management

◦ Liaised with museums' administrators and curators to collect data and develop the project

Trainee
SG-ECON

10/2020 - 03/2021
European Investment Bank, Luxembourg

◦ Worked both in the context of productivity and firm level data (A. Brasili), Energy Economics and Climate Change (F. Kalantzis)

◦ Management of very large firm-level datasets, data collection and cleaning, web-scraping, data visualization, model validation, literature reviews, statistical and econometric analysis

EDUCATION

Collegio Carlo Alberto
09/2019 - 06/2020
M.A. Economics
Turin, Italy
◦ Relevant courses: Advanced Microeconomics, Advanced Game Theory, Macroeconometrics

Barcelona Graduate School of Economics
09/2018 - 07/2019
M.Sc. in International Trade, Finance and Development
Barcelona, Spain
◦ Thesis: "Going West: an Analysis on Migration Patterns and Its Determinants"
◦ Relevant courses: Economic Growth and Development, International Trade and Finance

Maastricht University
09/2014 - 06/2017
Bachelor in Economics & Business Economics
Maastricht, The Netherlands
◦ Thesis: "Trust, Herding Behavior and Financial Instability"
◦ Relevant courses: Microeconomics, Game Theory, Public Economics, Corporate Finance, Econometrics
◦ Erasmus Grant: Universidade Nova de Lisboa

PUBLICATIONS & WORKING PAPERS

[W] "One Person, One Vote: The Effect of Direct Elections on US Senators", with S. Galletta. Available at SSRN (2025)

[W] "Political Shocks, Extremism and Violence: Evidence from the West Bank".

[W] "Organized Crime and the Legal Economy: a Network Approach", with M. Billio, M. Di Cataldo, G. Mastrobuoni.

[W] "Together is Better: Peer Effects in Leisure Activities", with P. Accardo, G. Mastrobuoni

[R] European Investment Bank. (2021). Chapter 5. In *EIB Investment Report 2020/2021: Building a smart and Green Europe in the COVID-19 ERA*.

[R] Amati A., Dominguez S., Kalantzis F., (2021), "European firms and climate change 2020/2021", European Investment Bank

ONGOING PROJECTS

LLM Finetuning for Post OCR-Correction of the US Congressional Record
With S. Galletta and E. Ash (ETH Zürich)
Ideal Point Model: a GNN Approach
With A. Hoyle (ETH Zürich)

CONFERENCES

SIEP, Verona (September 2023); Ca' Foscari University of Venice (November 2023); EUI Econometrics Working Group, Florence (January 2024); ECPS, Vienna (April 2024); Ph.D Day, Venice (June 2024); Collegio Carlo Alberto, Turin (December 2024); Brownbag Seminar, ETH Zürich (April 2025); Monash-Paris-Warwick-Zürich Text-as-Data Workshop (April 2025); SiDE ICEEE Conference Palermo (May 2025); EEA Conference, Bordeaux (August 2025)

SKILLS

- **Languages:** Italian (Native), English (Fluent), Spanish (Advanced), Portuguese (Basic User)
- **Programming:** Python (Excellent), Stata (Excellent), Latex (Excellent), R (Good), ArcGIS Pro (Good), QGIS (Good), Bash (Good), JavaScript(Basic User), MatLab (Basic User), HTML (Basic User)

ADDITIONAL INFORMATION

Interests: Advanced Music Skills (Music Theory, Harmony, Advanced Guitar Player), Cinema, Literature, Politics