Daniel AC Barbosa

Nuffield College
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Oxford, UK
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Education

D.Phil. Economics, University of Oxford & Nuffield College   2024 –

M. Phil. Economics, University of Oxford & Nuffield College   2022 – 2024
Thesis: "Misallocation of Energy-Saving Technologies in Housing Markets" (Supervisor: Andrea Chiavari)

B.Sc. Economics, Pontifícia Universidade Católica do Rio de Janeiro (PUC-Rio)   2016 – 2020
with minor in Mathematics

Research

Fields

- Macroeconomics, Industrial Organisation, Climate Change, and Firm Dynamics

Working Papers

- **Monitoring Technology: The Impact of Body-Worn Cameras on Citizen-Police Interactions**
  with Thiemo Fetzer, Pedro CL Souza and Caterina Soto-Vieira
  Under Review

Selected Work in Progress

- **Misallocation of Energy-Saving Technologies in Housing Markets** (M.Phil. Thesis)
  Supervisor: Andrea Chiavari

Book Chapters

- **"Can Trust be Built Through Citizen Monitoring of Police Activity?"** (with T. Fetzer, P. CL Souza and C. Soto-Vieira), in: Blair, G., Christia, F., Weinstein, J. M. (Eds.), *Crime, Insecurity, and Community Policing: Experiments on Building Trust*, CUP Forthcoming

Academic Experience

Presentations at Conferences and Workshops

- **2023**: Bristol Economic Policy and Behaviour Workshop

- **2022**: Households in Conflict Network (HiCN) Annual Workshop, Warwick; University of Oxford Novel Ideas Seminar Series

Summer Schools

- **2021**: Emerging Issues in Antitrust Economics & Competition Policy (Florian Ederer, Boston U) at CEMFI, Madrid

- **2021**: Unstructured Data in Empirical Economics (Stephen Hansen, UCL) at CEMFI, Madrid

Previous Positions

- **Pre-Doctoral Researcher**   2021.2 - 2022.1
  Supervisors: Thiemo Fetzer (Warwick) and Pedro CL Souza (Queen Mary)
  Research Areas: Spatial and Network Econometrics; Economics of Conflict and Crime

- **Software Developer & Team Lead – DataZoom PUC-Rio**   2021.1
  Supervisors: Gustavo Gonzaga (PUC-Rio)
  Areas/Responsabilities: Environmental Economics, R Programming, Data Infrastructure, and Package Development

- **Research Assistant – EGAP Metaketa IV Brazil Section**   2018.1 – 2019.1
  Supervisors: Thiemo Fetzer (Warwick), Pedro CL Souza (Queen Mary)
  Areas/Responsabilities: RCT Implementation, Survey Preparation, Field Team Management and Data Analysis (with Caterina Soto-Vieira, LSE)

- **Research Assistant – Climate Policy Initiative, Brazil**   2019.1 – 2019.2
  Supervisors: Arthur Bragança (World Bank) and Rafael Araújo (FGV-EESP)
  Areas/Responsabilities: Environmental Economics, R and Python Programming, Geo-Data Processing, Computational Economics (General Equilibrium Trade Models)

Teaching Experience

- **Teaching Assistant – ECO1222 Political Economy**   2020.1 – 2020.2
  Undergrad PUC-Rio
  Main Reference: Political Economics – Persson & Tabellini (2002)

- **Teaching Assistant – ECO1113 Micro I: Consumer and Firm Theory**   2018.1
  Undergrad PUC-Rio
  Main Reference: Intermediate Microeconomics: A Modern Approach – Varian

- **Teaching Assistant – ECO1110 Introduction to Macroeconomics**   2016.2
  Undergrad PUC-Rio
  Main Reference: Macroeconomics – Mankiw

Others

Citizenship: Brazilian & Portuguese
Programming Skills: R, STATA, Python, MatLab, and Julia
Languages: Portuguese (Native), English, Spanish and French