

Giorgio Maarraoui

Manchester, UK | +44 0757 603 5218 | Giorgio.Maarraoui@manchester.ac.uk
linkedin.com/in/giorgiomaarraoui

Profile

Applied microeconomist and PhD candidate in Economics at the University of Manchester, specialising in public finance, welfare analysis, and applied microeconometrics. Experienced in delivering quantitative policy research with the World Bank and in producing data-driven evidence to inform fiscal and development policy. Skilled at building reproducible analytical pipelines (STATA/R/Python), managing data-intensive projects, and communicating empirical findings to academic and policy audiences. Strong interest in tax, inequality, labour markets, and public spending evaluation in the UK context.

Work eligibility: Eligible to work in the UK under the Graduate Visa (3-year duration; *no sponsorship required*).

Research Interests: Public finance, inequality, tax policy, welfare analysis, labour markets, and applied microeconomics.

Core Competencies

Public Finance · Welfare Analysis · Policy Evaluation · Microdata Analysis · Econometric Modelling · Impact Assessment · Causal Inference (IV / DiD / Event Study) · Survey Harmonisation · Reproducible Research (Git) · STATA · R · Python · Spatial Econometrics · Data Visualisation · Policy Communication

Professional Experience

World Bank

Short-Term Consultant, Washington DC (Remote)

Aug 2021 – Present

- Conducted fiscal incidence and distributional analysis (CEQ) for Djibouti and Pakistan, quantifying the redistributive and poverty impacts of taxes and transfers to inform fiscal reform and policy dialogue.
- Co-authored analytical outputs including the *Djibouti Gender Assessment*, combining quantitative and qualitative evidence to assess labour market and welfare disparities.
- Delivered training workshops on fiscal modelling and STATA for government and World Bank teams, strengthening analytical capacity and mentoring junior researchers.
- Led survey harmonisation and quality assurance, ensuring reproducibility and transparency in empirical results for publication and dissemination.

University of Manchester

Teaching Associate / Assistant, Manchester, UK

Feb 2022 – Present

- Teach Applied Microeconometrics (MSc), Mathematical Economics, and Intermediate Microeconomics, emphasising identification strategies, causal inference, and policy applications.
- Support curriculum design and data-based case studies; deliver assessment feedback to large student cohorts with high engagement ratings.
- Mentor MSc students in empirical research, contributing to skills development in data analysis and empirical modelling.

University College London

Research Assistant, London (Remote)

Aug 2020 – Aug 2021

- Conducted econometric analysis of multi-country microdata in STATA and R, contributing to policy reports and cost-benefit analyses of development programmes.
- Prepared analytical documentation and data visualisations for publication and policy outreach.

Lebanese American University

Research and Teaching Roles, Beirut and Byblos, Lebanon

2016 – 2020

- Supported empirical research using household microdata (EViews, STATA) to analyse post-conflict recovery, poverty, and development finance.
- Delivered tutorials in econometrics, microeconomics, and finance, focusing on statistical reasoning and evidence-based policy design.

Education

PhD Economics , University of Manchester (Funded by NWSSDTP Scholarship) Research: public finance, migration, and development using microdata and spatial modelling.	<i>2021 – Present</i>
MSc Economics , University of Manchester <i>Grade: 94/100</i>	<i>2020 – 2021</i>
MA in Applied Economics , Lebanese American University <i>GPA: 4.00/4.00</i>	<i>2018 – 2020</i>
BS in Economics , Lebanese American University <i>GPA: 4.00/4.00</i>	<i>2015 – 2018</i>

Technical Skills

Statistical Software: STATA (advanced), R (tidyverse, data.table, sf), Python (pandas, numpy)
Econometric Methods: Microdata analysis, panel data, IV, DiD, event study, GLM, matching, bootstrapping, forecasting
Policy & Fiscal Modelling: Microsimulation, incidence analysis, tax–benefit modelling, welfare decomposition
Spatial & GIS: ArcGIS, QGIS; spatial econometrics; raster/vector workflows; map production
Data Engineering & Reproducibility: SQL (queries), survey harmonisation, version control (Git), documentation
Communication: Technical writing, policy briefs, academic publications, and stakeholder engagement

Awards and Funding

- **Research Grant (2019)** – National Council for Scientific Research: Empirical analysis of post-war recovery and development.
- **Torch Award (2018)** – Leadership and Service Excellence, Lebanese American University.
- **Full Undergraduate Merit Scholarship (2015–2018)** – Awarded for academic excellence.

Selected Presentations

- NWSSDTP Conference, University of Manchester (2025)
- IAERE Conference, University Roma Tre (2024)
- EWMES Conference, University of Manchester (2023)

Languages

Arabic (Native) · English (Fluent) · French (Fluent) · Spanish (A1) · Italian (A1)