

CÉCILE MACAIRE

cecile.macaire@yale.edu ◇ website: in progress ◇ Last update: November 2024

EDUCATION

Engineering Master's Degree in Economics and Statistics

2020 - 2024

ENSAE - Institut Polytechnique de Paris

- Relevant coursework: Econometrics II, Statistics I, Theoretical Foundations of Machine Learning, Linear Time Series, Microeconomics II, Macroeconomics II
- Exchange year mobility: Université de Montréal
- Ranked 15th out of 500 students for ENSAE's entrance exam
- GPA: 3.8

B.A. in Mathematics and Social Science

2017 - 2020

Lycée Lakanal

- Relevant coursework: Microeconomics, Macroeconomics, Public Finance, Algebra, Analysis, Sociology
- Undergraduate intensive course to prepare for highly competitive nationwide exams
- GPA: 4.0

Additional Coursework

Fall 2023

Yale University

- Coursework: Real Analysis 255
- Grade: A

RESEARCH

Work in progress

"Incarceration and Wealth" with Megan Stevenson, John Eric Humphries, Aurélie Ouss, and Winnie Van Dijk

RESEARCH EXPERIENCE

Pre-doctoral Fellow - Yale University

Aug. 2023 - Present

Supervisors: John Eric Humphries (Yale), Winnie Van Dijk (Yale), Aurélie Ouss (UPenn) and Megan Stevenson (UVA)

- "Conviction, incarceration, and recidivism: understanding the revolving door" (R&R, QJE) – Conducted new analyses in response to referee feedback, led the development of an appendix involving the empirical Bayes method, managed the replication package
- "Incarceration and Wealth" – Made decisions on paper specifications and conducting additional robustness tests for the appendix, using matched Differences-in-Differences and Regression Discontinuity Design

Research Assistant - University of Montreal

Sept. 2022 - May 2023

Supervisor: René Garcia (Université de Montréal)

- Explained inconsistencies in the variation of the Stochastic Discount Factor across returns in case of high stock market volatility by adding the Generalized Disappointment Aversion hypothesis

Research Assistant - French Ministry of Economy and Finance

Sept. 2021 - May 2022

- Measured the effects of expansive monetary policy on asset prices using panel methods and autoregressive vectors.

CONFERENCES AND WORKSHOPS

Scheduled

Dondena Workshop in Public Policy (DWPP), Bocconi University

Dec. 2024

TEACHING

Course Assistant - Université de Montréal

Sept. 2022 - May 2023

Financial Economics ECN6573

- Graded homework, midterms, and final exams
- Reviewed course slides to incorporate new findings from recent literature

Teaching Assistant - Lycée Lakanal

Sept. 2020 - May 2022

Economics and Sociology

- Conducted intensive oral exams to assess students' understanding of course material and to simulate ENSAE competitive exam conditions
- Prepared comprehensive case files in Economics and Sociology, curated to align with exam standards

GRANTS AND AWARDS

Research Grant

2022

Department of Economics, Université de Montréal (\$11,200)

National Fellowship

2020

French Ministry of Education (\$20,000)

ENSAE Award

2021

For Outstanding Student Involvement in Student Life

EMPLOYMENT

Public Economic Division Intern - OECD

May-Aug. 2022

- Assisted in research for "Urban house price gradients in the post-COVID-19 era", Ziemann, V. and al. (2013), *OECD Economics Department, Working Papers No. 1756, OECD Publishing*
- Cleaned micro-data and refined the panel regression model by adding weights

Public Finance Intern - Cour des Comptes

July - Aug. 2021

- Participated in the writing of a report on the general state of industry in France, developing in particular the parts on the French tax system and its incentive to industrial innovation

VOLUNTEERING

Vice-President of ENSAE's Student Union

2021-2022

TECHNICAL SKILLS

ProgrammingStata, R, Python, L^AT_EX**Languages**

French (Native), English (Fluent), German (Beginner)