

ALEXANDRE MENDONÇA

Stockholm School of Economics
E-mail: alexandre.mendonca@hhs.se
Website: <https://www.alexandre-mendonca.com/>

ADDRESS

Department of Economics
Stockholm School of Economics
Sveavägen 65, 113 83, Stockholm, Sweden

PERSONAL INFORMATION

Nationality: Portuguese
Born in 1994

RESEARCH FIELDS

Macroeconomics, Labor Economics, Inequality

EDUCATION

Stockholm School of Economics

STOCKHOLM, SWEDEN

08/2020 – Present **PhD Candidate in Economics**

Primary Supervisor: David Domeij

Secondary Supervisor: Johanna Wallenius

Job Market Paper: *The Skill Premium Puzzle in Portugal*

Expected Completion Date: September 2025

NOVA School of Business and Economics

LISBON, PORTUGAL

09/2015 – 01/2017 **MSc in Economics**

Area of Expertise: Macroeconomics and Financial Markets

Final GPA 17 / 20

Master's Thesis: *Estimating the Natural Interest Rate for Italy and the Netherlands*. Graded with 19/20.

Supervisor: Francesco Franco

09/2012 – 06/2015 **BSc in Economics**

Final GPA 16 / 20

Universiteit Van Amsterdam

AMSTERDAM, THE NETHERLANDS

09/2014 – 01/2015 **Erasmus+ Program**

Final GPA 8/10

JOB MARKET PAPER

The Skill Premium Puzzle in Portugal

Abstract: This paper studies the evolution of the aggregate skill premium in Portugal. Between 1995-2021, the skill premium dropped by 31 percent, in stark contrast to the increasing skill premium observed in the United States. To rationalize this, we study how well the Krusell et al. (2000) model, characterized by capital-skill complementarity, can account for the Portuguese data. Compared to the original model, we estimate a higher degree of complementarity between skilled labor and capital equipment, and a lower degree of substitutability between skilled and unskilled labor in the Portuguese case. Moreover, the model can account for the recent drop in the labor share. We also observe that the relative quantity effect was stronger than the capital-skill complementarity effect during this period, which explains the fall in the skill premium.

WORK IN PROGRESS

Automation and Aggregate Shocks

Abstract: We study the importance of aggregate shocks, such as demand and technology shocks, for firms' automation decisions. By directly affecting the relative factor prices, such shocks pin down how intensively capital and labor are used in production. We show that permanent and persistent demand shocks can successfully change the steady state of the economy, whereas the impact of temporary shocks depends crucially on their magnitude and length. Technology shocks can also successfully shift the automation level of the economy, where the speed of adjustment is inversely proportional to the magnitude of the shock. We also compare the impact of these shocks with inelastic and elastic labor supply, and conclude that the impact of these shocks is stronger in the latter case.

Wage Inequality in Portugal: Anatomy of a Fall (with Manuel Cruz)

Abstract: Wage inequality in Portugal has fallen substantially since 2005, in contrast with the patterns observed in other advanced economies. Using a matched employer-employee dataset spanning the entire set of workers in the Portuguese private sector, we investigate the determinants of this convergence and the role played by firms. We document that 80% of the drop in wage variation was driven by a reduction in between-firms inequality. At the same time, we find that wage variance fell along the entire distribution of workers, while the firm pay distribution compressed mostly at the bottom 50%. Estimating an Abowd-Kramarz-Margolis (AKM) model, we find that 34% of the total decrease in wage variance can be accounted for by a reduction of the variance of worker effects, 20% by a reduction of the variance of firm effects and 24% by a reduction of the degree of sorting of high pay workers to high pay firms. We then discuss the potential role that minimum wage hikes might have played.

REFERENCES

David Domeij (Primary advisor)

david.domeij@hhs.se

Department of Economics, Stockholm School of Economics

Johanna Wallenius (Secondary advisor)

johanna.wallenius@hhs.se

Department of Economics, Stockholm School of Economics

TEACHING EXPERIENCE

Stockholm School of Economics

STOCKHOLM, SWEDEN

Fall 2021, Fall 2022, Fall 2023

Advanced Macroeconomics (MSc)

Teaching Assistant

Professor Johanna Wallenius

NOVA School of Business and Economics

LISBON, PORTUGAL

Spring 2017, Spring 2018, Spring 2020

Data Analysis and Probability (BSc)

Teaching Assistant

Professor Patrícia Ramos & Professor Maria Ana Matias

Spring 2017

Fiscal Policy and Stabilization (MSc)

Grader

Professor António Pinto Barbosa

Fall 2016, Fall 2017

Calculus I (BSc)

Teaching Assistant

Professor Maria Helena Almeida & Professor João Farinha

CONFERENCE AND SEMINAR PRESENTATIONS

- 2024 Brown Bag Seminar (Stockholm School of Economics), Stockholm-Uppsala Doctoral Student Workshop in Economics (Stockholm University), ENTER Seminar (Université Libre de Bruxelles)
- 2023 Brown Bag Seminar (Stockholm School of Economics), Stockholm-Uppsala Doctoral Student Workshop in Economics (Uppsala University), ENTER Jamboree Conference (University of Mannheim, discussant)

OTHER COURSES

- 06/2023 **1st Summer School in International Economics, by the Journal of International Economics**
Department of Economics, University of Crete
Lecturers: Arnaud Costinot, Jonathan Eaton, Luca Fornaro, Sebnem Kalemli-Ozcan, Enrique Mendoza, Veronica Rappoport
- 01/2023 – 02/2023 **Time Series Models for Macroeconomic Analysis**
Barcelona School of Economics (held online)
Lecturers: Konstantin Boss, Luca Gambetti

OTHER PROFESSIONAL EXPERIENCE

- 10/2019 – 12/2019 **European Central Bank** **FRANKFURT AM MAIN, GERMANY**
Supervision Analyst
Directorate General Micropudential Supervision IV – Crisis Management Division
Member of the Quantitative Analysis Cluster, responsible for creating databases for the other teams, mostly focused on Capital Requirements. Additionally, involved in some projects concerning NPLs.
- 11/2018 – 09/2019 **European Central Bank** **FRANKFURT AM MAIN, GERMANY**
Trainee
Directorate General Research
Research assistant for Caterina Mendicino. Responsible for managing several datasets and performing data cleaning and data handling, contributing to the Monetary Policy research done at the institution.
- 11/2017 – 10/2018 **Banco de Portugal (Central bank of Portugal)** **LISBON, PORTUGAL**
Intern
Markets and Reserve Management Department – Monetary Policy Implementation Division
Performing several tasks related to the implementation and processing of the single monetary policy and reserve management, as well as analysing the eligibility of the collateral for monetary policy operations.
- 07/2016 – 08/2016 **Banco de Portugal (Central bank of Portugal)** **LISBON, PORTUGAL**
Summer Intern
International Relations Department
Writing an informative article on the reform of the instruments of the Development Assistance Committee, later published (Mendonça, A., (2016). "A reforma dos instrumentos do CAD", *Cadernos da Cooperação*, N°9, Banco de Portugal).

LANGUAGE SKILLS

Portuguese	Level – Native
English	Level – Advanced – Cambridge English: Advanced (CAE)
French	Level – Beginner
Spanish	Level – Beginner
German	Level – Beginner (A2)
Swedish	Level – Beginner (A1)

COMPUTER SKILLS

STATA	Level – Advanced
Matlab	Level – Advanced
R	Level – Intermediate
Python	Level – Beginner
Microsoft Excel	Level – Advanced; Microsoft Office Expert Excel 2013
Latex	Level – Advanced