

Damien MAYAUX

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RESEARCH

Fields: behavioural economics, industrial organization, food policy, digital economics

Topics: choice architectures, consumer behavior, machine learning, market power, data economics

Publication:

Frick, K. M., Hazard, Y., Mayaux, D. & Zuber, T. (2025). **Skill Distance Between Occupations and Post-Training Professional Transitions of Jobseekers**. *Economie et Statistique / Economics and Statistics*, 547, 49–67. [doi: 10.24187/ecostat.2025.547.2138](https://doi.org/10.24187/ecostat.2025.547.2138)

Thesis chapters:

Behavioural Interventions Under Strategic Pricing

[single authored, updated draft available upon request]

Presented at ADRES 2024, REECAP 2023, FAERE 2023, EEA 2023, AFSE 2023, JMA 2022

Marketing Cues and Rationally Attentive Consumers

[single authored, updated draft available upon request]

Presented at : SPUDM 2025, REECAP 2024, AFSE 2024, JMA 2024, Doctorissimes 2024, DICE Empirical IO workgroup, PSE Behaviour Workgroup (design)

Utility and Contrast in Models of Choice and Response Times

[single authored, updated draft available upon request]

Presented at : Lancaster 2025 Psychoeconomics Workshop, ESEM 2024, MathPsych 2024, DICE Behavioural Coffee seminar, Paris Junior Experimentalist Meeting (design)

Other working papers:

Heuristic Play Through Equilibrium-Consistent Feedback

[coauthors: Sibilla Di Guida, Davide Marchiori, Luca Polonio, [working paper](#)]

Age-Specific Income Inequality and Happiness along the Life Cycle

[coauthors : Claudia Senik, Hippolyte d'Albis, [working paper](#), dormant]

Selected work in progress:

Food Vouchers for Healthy and Sustainable Eating: Experimental Evidence from Higher Education Students in France

[coauthors: Bénédicte Apouey, Simon Briole, Ondine Berland, [pre-analysis plan](#)]

When Game Theory Meets Psychometrics: Measuring Strategic Sophistication Across Games

[co-authors: Sibilla Di Guida, Luca Polonio]

ACADEMIC EXPERIENCE

IMT School for Higher Studies

Research fellow position supported by Sibilla Di Guida

Lucca, Italy

May 2024 – October 2025

Düsseldorf Institute for Competition Economics (DICE)

Short research stay supported by Paul Heidhues

Düsseldorf, France

October – November 2023

EDUCATION

Paris School of Economics

PhD in Economics, under the supervision of Fabrice Etilé

MSc in Economics

Paris, France

Completed in 2025

Completed in 2021

Ecole Normale Supérieure Paris-Saclay

MSc in Mathematics

BSc in Mathematics and Computer Science

Cachan, France

Completed in 2019

Completed in 2016

TEACHING EXPERIENCE

Lycée Fénélon Sainte Marie

Oral examiner in Computer Science for Galatée Hémery, MPI (13h and 9h)*

Paris, France

June 2024 and 2025

École Nationale de la Statistique et l'Analyse de l'Information (ENSAI)

Group project supervision in Economics, 1st year of engineering school (8 groups)

Rennes, France

January – April 2024

Université Paris 1

Teaching assistant for Jean-Marc Bonnisseau, 3rd year of BSc in Applied Maths (2x72 hours)

Paris, France

2021-2023

- Optimization class, using topology, calculus, linear and bilinear algebra notions

Lycée Raspail

Oral examiner in Mathematics for Franck Nguyen Van Sang, PTSI (2h per week)

Paris, France

2019-2020

I passed the French national exam for teaching mathematics at undergraduate level (agregation) in 2019.

COMPUTER SKILLS

Frequent use of **R**, **Python** (**RShiny**, **oTree**), **HTML**

Experience in **VBA**, **C/C++**, **Bash** scripting, **SLURM**, **OCaml**

LANGUAGES

French – native speaker

English - fluent

German – intermediate (B2 online-Spracheinstüfungtest, February 2023)

Italian – intermediate

Chinese – beginner