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

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   **Lucca, Italy**
Research fellow position supported by Sibilla Di Guida   May 2024 – October 2025

Düsseldorf Institute for Competition Economics (DICE)   **Düsseldorf, Germany**
Short research stay supported by Paul Heidhues   October – November 2023

EDUCATION

Paris School of Economics   **Paris, France**
PhD in Economics, under the supervision of Fabrice Etilé   Completed in 2025
MSc in Economics   Completed in 2021

Ecole Normale Supérieure Paris-Saclay   **Cachan, France**
MSc in Mathematics   Completed in 2019
BSc in Mathematics and Computer Science   Completed in 2016

TEACHING EXPERIENCE

Lycée Fénelon Sainte Marie   **Paris, France**
Oral examiner in Computer Science for Galatée Hémery, MPI* (13h and 9h)   June 2024 and 2025

École Nationale de la Statistique et l'Analyse de l'Information (ENSAI)   **Rennes, France**
Group project supervision in Economics, 1st year of engineering school (8 groups)   January – April 2024

Université Paris 1   **Paris, France**
Teaching assistant for Jean-Marc Bonnisseau, 3rd year of BSc in Applied Maths (2x72 hours)   2021-2023
- Optimization class, using topology, calculus, linear and bilinear algebra notions

Lycée Raspail   **Paris, France**
Oral examiner in Mathematics for Franck Nguyen Van Sang, PTSI (2h per week)   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