

BERTILLE PICARD

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RESEARCH FIELDS

- Machine Learning for Causal Inference
- Inequalities
- Labor Economics
- Experimental Economics

EDUCATION

Ph.D. candidate 2019-2023

Aix-Marseille School of Economics - AMSE

Advisor: Professor Emmanuel Flachaire

Engineer, ENSAE 2017 - 2019

Ecole Nationale de la Statistique et de l'Administration économique

Data Science track in statistics and machine learning

Normalien Student, ENS PARIS-SACLAY 2014 - 2017

Ecole Normale Supérieure de Paris-Saclay

- M.S. Economics, Université Paris-Saclay 2015 - 2017
- B.A. in Economics and B.A. in Sociology, Université Panthéon-Sorbonne 2014 - 2015

RESEARCH VISITS

Université du Québec à Montréal, UQAM (Montréal, Canada) May 2022 - June 2022

Invited by Arthur Charpentier

J-PAL (Boston, MA - USA) June 2019 - mid-July 2019

Internship

Invited by Bruno Crépon and Lisa Corsetto

ACADEMIC RESPONSIBILITIES

Seminar organization Since 2019

Empirical & Econometric Methods Sessions

Co-organizer of an AMSE methodological seminar for Ph.D. candidates

AMSE Ph.D. students' representative 2020-2022

TEACHING EXPERIENCE

- Lecturer** Since 2022
Aix-Marseille University (ATER position)
Probability
- Teaching Assistant** Since 2019
Aix-Marseille University (CME and ATER positions)
Introductory Econometrics
Econometrics of Qualitative Variables
Probability
Mathematics
Industrial Organization
- Tutor in Mathematics** 2018 - 2019
Lycée Lakanal (Sceaux, France), preparatory classes in social sciences
Oral examiner for students passing competitive entrance exams

WORKING PAPER

Can a Website Bring Unemployment Down? Experimental Evidence from France
joint with Aïcha Ben Dhia, Bruno Crépon, Esther Mbih, Louise Paul-Delvaux, and Vincent Pons

WORK IN PROGRESS

- Decomposing Inequalities with Machine Learning: Should we Change the Reference Outcome?**
joint with Emmanuel Flachaire
- An Adaptive Experiment to Boost Online Skill Signaling and Visibility**
joint with Morgane Hoffmann, Charly Marie and Guillaum Bied
- Does Personalized Allocation Make Our Experimental Designs More Fair?**

CONFERENCES AND SEMINARS

CEE-M Ph.D. Lunch Talk, Center for Environmental Economics, Montpellier (2024); **ADRES Job Market Conference**, ENS Paris-Saclay (2024); **Workshop on Bandits and Statistical Tests**, Poster presentation, Potsdam, Germany (2023), **EDGE Jamboree**, *European Doctoral Group in Economics* (2023), **10th ECINEQ meeting**, ECINEQ-AMSE (2023), **Machine Learning in Program Evaluation, High-dimensionality and Visualization Techniques**, *LISER* (2023); **ASFEE**, *13th Conference of the French Experimental Economics Association* (2023); **Paris Young Economists Seminar on Digital Economics**, *Telecom* (2023); **Seminar at UQAM** (2022); **CEA Conference**, *Canadian Economics Association* (2022); **Congrès annuel SCSE**, *Société canadienne de science économique* (2022); **Ph.D. Seminars**, *AMSE* (2023, 2022, 2021 and 2020); **Methodological Seminars - EEMS**, *AMSE* (2023, 2022, 2020 and 2019)

PROGRAMMING AND SOFTWARE PROFICIENCIES

- Advanced: R, Python, Stata, L^AT_EX, Quarto
- Novice: SAS, JavaScript, HTML, CSS

LANGUAGES

French (native), English (fluent), German (intermediate)