

BERTILLE PICARD

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GRADUATE STUDIES

Ph.D. candidate

Since 2019

Aix-Marseille School of Economics - AMSE

Supervisor

Professor Emmanuel Flachaire

Aix-Marseille School of Economics

emmanuel.flachaire@univ-amu.fr

PRIOR EDUCATION

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

RESEARCH FIELDS

- Machine learning for Causal inference
- Inequalities
- Labor Economics

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 <i>Aix-Marseille University</i> Probability	Since 2022
Teaching Assistant <i>Aix-Marseille University</i> Introductory Econometrics, Econometrics of Qualitative Variables, Probability, Mathematics, Industrial Organization	Since 2019
Tutor in Mathematics <i>Lycée Lakanal (Sceaux, France), preparatory classes in social sciences</i> Oral examiner for students passing competitive entrance exams	2019 - 2020

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: which Reference Outcome to Choose?
joint with Emmanuel Flachaire

Signaling skills online and labor market outcomes: evidence from an adaptive experiment
joint with Morgane Hoffmann and Charly Marie

Ensuring fairness of welfare-maximizing algorithms in experimental designs

CONFERENCES AND SEMINARS

CEA Conference, *Canadian Economics Association* (2022), **Congrès annuel SCSE**, *Société canadienne de science économique* (2022), **Ph.D. Seminars**, *AMSE* (2022, 2021 and 2020), **Methodological Seminars** - *EEMS*, *AMSE* (2022, 2020 and 2019)

RESEARCH INTERNSHIPS

· Applied Econometrics, supervised by Bruno Crépon (CREST)	Dec 2018 - Aug 2019
· Econometrics, supervised by Anna Simoni (CREST)	June - Sept 2018
· Experimental Economics, supervised by Guillaume Hollard (CREST)	May - July 2017 2019
· Labor Economics, supervised by Yaël Brinbaum (Lise/CEET)	Apr - Aug 2016

COMPUTER SKILLS

- Advanced: R, Python, Stata, \LaTeX
- Novice: SAS, JavaScript, HTML, CSS

LANGUAGES

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