

# BERTILLE PICARD

<https://bertillepicard.github.io>

bertille.picard@univ-amu.fr

## GRADUATE STUDIES

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### 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

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### 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

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### 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

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- Machine learning for Causal inference
- Inequalities
- Labor Economics

## ACADEMIC RESPONSIBILITIES

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### 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

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

## WORKING PAPER

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**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

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**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**  
*avec Morgane Hoffmann et Charly Marie*

**Ensuring fairness of welfare-maximizing algorithms in experimental designs**

## CONFERENCES AND SEMINARS

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**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

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|   |                      |
|---|----------------------|
| · 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

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- Advanced: R, Python, Stata,  $\text{\LaTeX}$
- Novice: SAS, JavaScript, HTML, CSS

## LANGUAGES

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