

# Lucas Girard

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Department of Economics  
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French citizen, born in 1993

## Research Interests

Econometric Theory; Applied Microeconometrics, Natural Language Processing

## Education

2017-present	Ph.D. candidate, CREST, supervisor: Xavier D'Haultfœuille
2016-2017	M.Sc. Economics, ENSAE-Polytechnique-HEC-ENS Paris Saclay-Paris Sud
2015-2017	M.Sc. Data Science, ENSAE
2013-2014	B.Sc. Mathematics, Paris Sud
2013-2017	M.Sc. Management, HEC Paris
2011-2013	Humanities and social sciences ("prépa" B/L), Lycée Henri IV, Paris

## Professional Experience

2016 (four months)	Economist, Mapp Economics (consultancy), Paris
2015 (three months)	Analyst, Tudigo, ex-Bulb in Town (crowdfunding platform), Paris
2014 (three months)	Mathematics Teacher, Cerene middle school (special education school), Paris
2014 (two months)	Advisor, Ministry of Devolution and Civil Service (cabinet), Paris

## Research

### *Work in progress*

"On the Construction of Nonasymptotic Confidence Intervals in Linear Models", with Alexis Derumigny and Yannick Guyonvarch

"Measuring Speech Polarization: Identification and Estimation", with Xavier D'Haultfœuille and Roland Rathelot

"segresmall: a Command to Estimate Segregation in the Presence of Small Units", with X. D'Haultfœuille and R. Rathelot. Submitted to *The Stata Journal*

"On the Construction of Confidence Intervals for Ratios of Expectations", with A. Derumigny and Y. Guyonvarch. CREST working paper 2019-07, arXiv:1904.07111

"Understanding Jobseekers' Demand for Training", with Bruno Crépon, Anett John, and Esther Mbih

## Teaching

Econometrics (Graduate)	"Econometrics 1" (linear models) at ENSAE; Teaching Assistant in 2019 for Xavier D'Haultfœuille – 18h "Econometrics 2" (nonlinear models) at ENSAE; Teaching Assistant in 2018 and 2019 for Xavier D'Haultfœuille – 18h
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Statistics (Graduate)	“Statistics 1” at ENSAE; Teaching Assistant in 2017 and 2018 for Nicolas Chopin; in 2019 for Arnak Dalalyan – 18h “Mathematical Statistics” at ENSAE; Teaching Assistant in 2018 and 2019 for Guillaume Lecué – 12h
Statistics (Undergraduate)	“Introductory Statistics” at ENSAE; Teaching Assistant in 2018 for Marco Cuturi; in 2019 for Arnak Dalalyan – 24h
Mathematics (Undergraduate)	Oral examiner (“colleur”) at “prépa” B/L, Lycée Henri IV, Paris, for Serge Nicolas from 2014 to 2016 – 2h weekly

## Presentations

2020	CIREQ Montreal Econometrics Conference Economics Seminar, Paris Sud
2019	Microeconometrics Seminar, CREST “Gender, digital platform and NLP method” workshop, Paris Sud
2018	French Econometrics Conference (poster), PSE Junior Lunch Seminar, CREST
2017	Junior Lunch Seminar, CREST

## Miscellaneous

Grants & Awards	Full Ph.D. scholarship, Center for Research in Economics and Statistics (CREST) – 2017-2020. Dean’s honor list of HEC Paris – 2017
Languages	French (mother tongue), English (fluent), Spanish (reading and writing)
Softwares	R, Stata, Python, L <sup>A</sup> T <sub>E</sub> X, Matlab
Services	Co-organizer of the CREST Microeconometrics Seminar – 2018-2019