

Department of Economics
CREST
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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

2020-present	Teaching Fellow (ATER), ENSAE, Palaiseau
2017 (four months)	Research Intern, CREST, Palaiseau
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

Publications

"segregsmall: a Command to Estimate Segregation in the Presence of Small Units", with X. D'Haultfœuille and R. Rathelot. *Stata Journal*, 21(1), pp. 152-179, March 2021

Work in progress

"Explicit Nonasymptotic Bounds for the Distance to the first-order Edgeworth Expansion", with Alexis Derumigny and Yannick Guyonvarch. arXiv:2101.05780

"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

"Several Dimensions of Residential Segregation in France (1968-2019)"

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

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

Teaching

Econometrics (Graduate)	<ul style="list-style-type: none"> – “Econometrics 1” (linear models) at ENSAE. Teaching Assistant (TA) in 2019 (18h), 2020 (18h x 2, two groups, one in English) for Xavier D’Haultfœuille – “Econometrics 2” (nonlinear models) at ENSAE. TA in 2018 (18h) and 2019 (18h) for Xavier D’Haultfœuille and in 2021 (18h) for Michael Visser – “Econometrics, crash course” at ENSAE. TA in 2020 (12h) for Bertrand Garbinti
Economics (Undergraduate)	<ul style="list-style-type: none"> – “Introductory Microeconomics” at ENSAE. TA in 2021 (24h x 2, two groups) for Thibaud Vergé
Statistics (Graduate)	<ul style="list-style-type: none"> – “Statistics 1” at ENSAE. TA in 2017 (18h) and 2018 (18h) for Nicolas Chopin and in 2019 (18h) and 2020 (18h, in English) for Arnak Dalalyan – “Mathematical Statistics” at ENSAE. TA in 2018 (12h), 2019 (12h), and 2020 (12h) for Guillaume Lecué
Statistics (Undergraduate)	<ul style="list-style-type: none"> – “Introductory Statistics” at ENSAE. TA in 2018 (24h) for Marco Cuturi and in 2019 (24h) for Arnak Dalalyan
Mathematics (Undergraduate)	<ul style="list-style-type: none"> – “Analysis” at ENSAE. TA in 2020 (24h) for Laurent Decreusefond – Oral examiner (“colleur”) at “prépa” B/L, Lycée Henri IV, Paris, for Serge Nicolas in academic years 2014-2015 and 2015-2016 (2h weekly)

Presentations

2021	– Microeconometrics Seminar, CREST
2020	<ul style="list-style-type: none"> – CIREQ Montreal Econometrics Conference (cancelled due to Covid) – Economics Seminar, Paris Sud
2019	<ul style="list-style-type: none"> – Microeconometrics Seminar, CREST – “Gender, digital platform and NLP method” workshop, Paris Sud
2018	<ul style="list-style-type: none"> – 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 ^A T _E X, Matlab
Services	Co-organizer of the CREST Microeconometrics Seminar – 2018-2019