

Yannick Guyonvarch

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Education

- 2016-2019 Ph.D. in Economics at CREST. Supervisor: Anna Simoni. Thesis title: "Essays in robust estimation and inference in semi- and non-parametric econometrics".
- 2016 M.A. in Statistics and Econometrics at ENSAE.
- 2014 B.A. in Theoretical and Empirical Economics at Université Panthéon-Sorbonne.
- 2013 B.A. in Applied Economics at Université Paris Sud.

Research Interests

Robust and nonasymptotic inference, econometrics of multiadic data, empirical processes, semi and nonparametric econometrics, statistical ill-posed inverse problems.

Academic work

- 2019 Xavier D'Haultfœuille, Clement de Chaisemartin, Yannick Guyonvarch: *Fuzzy differences-in-differences with Stata*, published in the Stata Journal.
- 2020 Laurent Davezies, Xavier D'Haultfœuille, Yannick Guyonvarch: *Empirical process results for exchangeable arrays*, accepted at the Annals of Statistics.
- 2020 Alexis Derumigny, Lucas Girard, Yannick Guyonvarch: *On the construction of nonasymptotic confidence intervals in linear models*, work in progress.
- 2020 Alexis Derumigny, Lucas Girard, Yannick Guyonvarch: *On the maximum level of uniformly valid non-asymptotic confidence intervals in two ratio-type models*, work in progress.

Seminars and conferences

- 2017 Internal seminar at CREST.
- 2018 Internal seminar at CREST, presentation at the IAAE conference in Montreal.
- 2019 Internal seminar at CREST, presentation at the Bristol Econometrics Study Group.
- 2020 University of Surrey, Paris-Sud University Economics seminar.

Teaching Experience

- Instructor at ENSAE in Econometrics (graduate level), Probability Theory (undergraduate level) and Differentiable Optimisation (undergraduate level).
- 2016-2019
- Instructor at Paris-Sud University in Financial Macroeconomics (undergraduate level) and Introductory Economics (undergraduate level).
- 2019-2020

Other professional activities

- Research assistant for Professor Xavier D'Haultfœuille: programming of a Stata command that computes estimators proposed in the article *Fuzzy Differences-in-Differences* written by Xavier D'Haultfœuille and Clément de Chaisemartin (work continued during PhD).
- 2015-2016

Awards and Fellowships

- Prix en droit et sciences économiques de la Chancellerie des universités de Paris (prize for academic achievement at undergraduate level).
- 2013

Languages and Skills

Languages: French (native), English (fluent), German (intermediate).

Softwares: Stata, L^AT_EX, R.