

# RICCARDO DI FRANCESCO

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[Website](#)  $\diamond$  [GitHub](#)

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(This version: *March 2024*)

## EDUCATION

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### Ph.D. Student in Economics and Finance

*Oct. 2020 - Present*

Advisor: *Franco Peracchi*

Co-advisor: *Tommaso Proietti*

University of Rome Tor Vergata, Rome

### Master of Science in Economics

*July 2020*

Final Grade: 110/110 *summa cum laude*

Thesis: *“Fleet Competition with Autonomous Vehicles: the Role of Ownership”*

Advisor: *Alberto Iozzi*

University of Rome Tor Vergata, Rome

### Bachelor of Science in Political Economics

*Oct. 2018*

Final Grade: 107/110

Thesis: *“Macroeconomic Impacts of Brexit”*

Advisor: *Francesco Nucci*

University of Rome La Sapienza, Rome

## RESEARCH

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### Working Papers

- [The Cost of Coming Out](#) (joint with [Enzo Brox](#)). *arXiv preprint arXiv:2403.03649*, March 2024.
- [Ordered Correlation Forest](#). *arXiv preprint arXiv:2309.08755*, September 2023.
- [Aggregation Trees](#). *CEIS Research Paper*, 546, December 2022.

### Work in Progress

- A Local Hausman-Like Test for the Credibility of Selection-on-Observables (joint with [Franco Peracchi](#)).
- Evaluating Machine Learning Estimated Conditional Average Treatment Effects in RCTs (joint with [Michael C. Knaus](#)).

### Software

- evaluCATE: Evaluation of CATE Estimates. ([Website](#))
- ocf: Ordered Correlation Forest. ([Website](#)) ([CRAN](#))
- aggTrees: Aggregation Trees. ([Website](#)) ([CRAN](#))

## SEMINARS AND CONFERENCES PRESENTATIONS

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### 2024 (*including scheduled*)

- Annual Conference of the Scottish Economic Society (SES).

### 2023

- 2nd Rome Ph.D. in Economics and Finance Conference.
- 11th SIdE Workshop for Ph.D. students in Econometrics and Empirical Economics (WEEE).
- 10th Italian Congress of Econometrics and Empirical Economics (ICEEE).

### 2022

- 1st Rome Ph.D. in Economics and Finance Conference.
- 10th SIdE Workshop for Ph.D. students in Econometrics and Empirical Economics (WEEE).

## TEACHING ACTIVITIES

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<b>Teaching Assistant in Statistics</b> Bachelor of Science course, held by Livia De Giovanni LUISS University, Rome	<i>Feb. - May 2024</i>
<b>Teaching Assistant in Applied Statistics and Econometrics</b> Bachelor of Science course, held by Marianna Brunetti LUISS University, Rome	<i>Oct. - Dec. 2023</i>
<b>Teaching Assistant in Statistical Learning</b> Master of Science course, held by Tommaso Proietti University of Rome Tor Vergata, Rome	<i>Sept. - Oct. 2021</i>

## RELEVANT EXPERIENCES

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<b>Research Assistant</b> Paper: <i>A further look at the gender gap in Italian academic careers</i> Authors: Marianna Brunetti, Annalisa Fabretti, Mariangela Zoli	<i>Oct. 2023</i>
<b>Visiting Ph.D. Student</b> Hosted by Michael Lechner Swiss Institute for Empirical Economic Research, St. Gallen	<i>Feb. - Dec. 2022</i>
<b>Research Assistant</b> Paper: <i>Teaching an old dog a new trick: Reserve price and unverifiable quality in repeated procurement</i> Authors: Gian Luigi Albano, Berardino Cesi, Alberto Iozzi	<i>July 2022</i>

## OTHER RELEVANT EXPERIENCES

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<b>1st Tor Vergata Ph.D. Conference in Economics</b> Co-organizer and member of the scientific committee University of Rome Tor Vergata, Rome	<i>Jan. - Sept. 2024</i>
<b>Econometric Games - Team Captain</b> Selected to lead the University of Rome Tor Vergata team University of Amsterdam, Amsterdam	<i>Apr. 2023</i>
<b>Summer School in Causal Machine Learning</b> Lecturer: Michael Lechner University of St. Gallen, St. Gallen	<i>Oct. 2022</i>
<b>Summer School in Theoretical Aspects of Machine Learning</b> Lecturer: Petyo Bonev University of St. Gallen, St. Gallen	<i>June 2022</i>
<b>Summer School in Econometrics of Big Data</b> Lecturers: Christian Hansen, Martin Spindler University of St. Gallen, St. Gallen	<i>June 2022</i>
<b>Econometric Games - Team Captain</b> Selected to lead the University of Rome Tor Vergata team University of Amsterdam, Amsterdam	<i>Apr. 2022</i>
<b>Summer School in Semiparametric Learning</b> Lecturer: Yanyuan Ma University of Trento, Trento	<i>July 2021</i>
<b>Summer School in Microeconometrics and Machine Learning for Policy Evaluation</b> Lecturers: David Margolis, Philipp Ketz, Margherita Comola Paris School of Economics, Paris	<i>June 2021</i>
<b>Econometric Games - Team Member</b> Selected as a member of the University of Rome Tor Vergata team University of Amsterdam, Amsterdam	<i>Apr. 2021</i>