

Paolo Libenzio Brignoli

PHD CANDIDATE · AGRICULTURAL ECONOMICS AND RURAL POLICY GROUP

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Education

Wageningen University & Research

Wageningen, The Netherlands

PHD AGRICULTURAL ECONOMICS

2021 - present

- Thesis: Machine Learning in Agricultural and Environmental Policy Impact Assessment
- Supervisors: Dr.ir. Cornelis Gardebroek; Dr.ir. Yann de Mey

WASS Graduate Programme

Wageningen, The Netherlands

WAGENINGEN SCHOOL OF SOCIAL SCIENCE (WASS)

2020 - 2021

MSc Management, Economics and Consumer Science (*cum laude*)

Wageningen, The Netherlands

WAGENINGEN UNIVERSITY & RESEARCH

2018 - 2021

- Double Degree Programme

MSc Agricultural and Food Economics (*cum laude*)

Cremona, Italy

ALTA SCUOLA DI MANAGEMENT ED ECONOMIA AGRO-ALIMENTARE (SMEA)

2018 - 2021

- Double Degree Programme

BSc Agricultural Science and Technologies (*cum laude*)

Piacenza, Italy

UNIVERSITÀ CATTOLICA DEL SACRO CUORE

2015 - 2018

Publications

WORKING PAPERS

Everything under control: Comparing machine learning and classical econometric impact assessment methods using FADN data .

with Gardebroek, C., de May, Y.

Minor revision at European Review of Agricultural Economics.

Evaluating the impact of organic farming: A double machine learning staggered difference-in-difference approach

with Varacca, A., Sckokai, P.

Preparing for submission, draft available on request

Double machine learning staggered difference-in-difference

with Naghi, A., Varacca, A.

Preparing for submission, draft available on request

DML-SDID: Double Machine Learning for Staggered Difference-in- Difference

R Package

Evaluating the impact of carbon taxation in Europe with a tree- based synthetic control method

with Naghi, A., Ghanem, D.

PUBLISHED

Brignoli, P. L., Varacca, A., Gardebroek, C., Sckokai, P. 2024. Machine learning to predict grains future prices. *Agricultural Economics*, 55, 479–497. <https://doi.org/10.1111/agec.12828>

Grants and Scholarships

- 2024 **Junior Researcher Grant**, Wageningen School of Social Science
2023 **Travel Grant**, Landbouw Export-Bureau (LEB) Foundation
2021 **Scholarship**, Wageningen School of Social Science Open Round

Conferences and Seminars

ORGANISED SESSIONS

2023. **Advances in Causal Machine Learning Methods for Agricultural Economics: Applications and Implications.**
Agri-food Systems in a Changing World: Connecting Science and Society. XVII Congress of the European Association of Agricultural Economists (EAAE). Rennes, France
Organisers: Brignoli, P.L., Gardebroek, C., and Varacca, A.
Contributors: Massfeller, A., Martinsson, E., Stetter, C., and Brignoli, P.L.

PRESENTATIONS

2023. Agri-food Systems in a Changing World: Connecting Science and Society. XVII Congress of the European Association of Agricultural Economists (EAAE). Rennes, France.
2022. 96th Annual Agricultural Economics Society Conference. Leuven, Belgium.
2022. Wageningen University EconMonday seminar, Wageningen University Agricultural Economics and Rural Development seminar series.
2021. Green (r)evolution from molecules to ecosystems, with sub-topics: Molecule, Organism, Community, Ecosystem. Euroleague for Life Sciences (ELLS) University Network at Warsaw University of Life Sciences. Warsaw, Poland
2021. Agriculture, food and global value chains: Issues, methods and challenges. 10th Associazione Italiana di Economia Agraria e Applicata (AIEAA) Conference.

Teaching Experience

- 2021-2024 **Advanced Econometrics (MSc; Graduate)**, Teaching Assistant
2021-2024 **Econometrics (BSc)**, Teaching Assistant

*Wageningen
University
Wageningen
University*

Other information

Languages: Italian (native), English (fluent), Spanish (intermediate).

Programming: R, Python, Stata, \LaTeX , Bash, Slurm.

Farming Experience: Farm worker at Azienda Agricola Brignoli since 2014

References

Cornelis Gardebroek, Wageningen University
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Yann de Mey, Wageningen University
yann.demey@wur.nl