Nadja van 't Hoff

DEPARTMENT OF ECONOMICS · UNIVERSITY OF SOUTHERN DENMARK

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Research interests

My research interests are **causal inference** and **causal machine learning**, especially the methods for identifying and estimating causal effects in case of **many instrumental variables**. I am also interested in the empirical application of these methods to evaluate **policy interventions** within the field of **health economics**.

Education

Ph.D. student   *Odense, DK*
University of Southern Denmark   *Dec 2020 - Current*
 "*Essays in Causal Inference*" under the supervision of Professor Giovanni Mellace

Visiting Ph.D. student   *Boston, US*
Boston College   *Jan 2022 - Jul 2022*

M.Sc. Econometrics and Management Science   *Rotterdam, NL*
Erasmus University Rotterdam   *Sep 2019 - Nov 2020*

B.Sc. Econometrics and Operations Research   *Amsterdam, NL*
University of Amsterdam   *Sep 2015 - Jan 2019*

University exchange   *Santiago, CL*
Pontificia Universidad Católica de Chile   *Feb 2019 - Jul 2019*

Working papers

Limited Monotonicity and the Combined Compliers LATE
with Arthur Lewbel (Boston College) and Giovanni Mellace (University of Southern Denmark)

Work in progress

Identifying Causal Effects of Discrete, Ordered Treatments with Multiple Instrumental Variables
Job Market Paper

Nudging Nutrition: Lessons from the Danish Fat Tax
with Christian M. Dahl (University of Southern Denmark), Giovanni Mellace (University of Southern Denmark), and Sinne Smed (University of Copenhagen)

The Unintended Effects of the Danish Fat Tax
with Giovanni Mellace (University of Southern Denmark)

Long Term Effects of Migration on Attitudes Towards Migrants: A Machine Learning Approach
with Anna Baiardi (Erasmus University Rotterdam) and Andrea Naghi (Erasmus University Rotterdam)

Teaching experience

Lecturer – Statistics for Product Development and Innovation *Odense, DK*
University of Southern Denmark *Fall 2021 & Fall 2022*

Teaching assistant - Microeconometrics *Odense, DK*
University of Southern Denmark *Fall 2020 & Fall 2021*

Academic work experience

Research assistant - Causal machine learning *Rotterdam, NL*
Erasmus University Rotterdam *Oct 2019 - Nov 2020*

Conference presentations (including scheduled)

2023	European Association of Labour Economists Conference (poster presentation)	*Prague, CZ*
2023	International Association for Applied Econometrics Annual Conference	*Oslo, NO*
2023	Siena Workshop on Econometric Theory and Applications	*Siena, IT*
2023	International Workshop on "Machine Learning in Program Evaluation, High-dimensionality and Visualization Techniques"	*Esch-sur-Alzette, LU*
2023	Italian Congress of Econometrics and Empirical Economics	*Cagliari, IT*
2022	European Winter Meeting of the Econometric Society	*Berlin, DE*
2022	Nordic Econometric Meeting	*Sønderborg, DK*

Travel grants

2021	William Demant Fonden	*10,000 DKK*
2021	Brorson Rejselegat	*20,000 DKK*
2021	Torben og Alice Frimodt Fonden	*20,000 DKK*

Skills

Programming   R, Python, HTML, Javascript, SQL
Other   Excel, Stata, Eviews, Matlab, Overleaf, Indesign, Powerpoint

Languages

Native   Dutch, German
Fluent   English, Spanish
Basic   French, Danish

References

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Boston College
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Andrea Naghi
Erasmus University Rotterdam
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Giovanni Mellace
University of Southern Denmark
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