

Nadja van 't Hoff

DEPARTMENT OF ECONOMICS · UNIVERSITY OF SOUTHERN DENMARK

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Research interests

My research is within the field of **microeconometrics**. My 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 using **observational data**.

Education

Ph.D. student

University of Southern Denmark

Odense, DK

Dec 2020 - Current

“Correlation Does Not Imply Causation: Essays in Causal Inference” under the supervision of Professor Giovanni Mellace

Visiting Ph.D. student

Boston College

Boston, US

Jan 2022 - Jul 2022

M.Sc. Econometrics and Management Science

Erasmus University Rotterdam

Rotterdam, NL

Sep 2019 - Nov 2020

B.Sc. Econometrics and Operations Research

University of Amsterdam

Amsterdam, NL

Sep 2015 - Jan 2019

University exchange

Pontificia Universidad Católica de Chile

Santiago, CL

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)

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

Job Market Paper

Work in progress

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

University of Southern Denmark

Odense, DK

Fall 2021 & Fall 2022

Teaching assistant - Microeconometrics

University of Southern Denmark

Odense, DK

Fall 2020 & Fall 2021

Academic work experience

Research assistant - Causal machine learning

Erasmus University Rotterdam

Rotterdam, NL

Oct 2019 - Nov 2020

Conference presentations (including scheduled)

2023	European Winter Meeting of the Econometric Society	Manchester, EN
2023	(EC) ² Conference on “Identification and Inference in Structural Econometric Models” (poster presentation)	Manchester, EN
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

Basic Spanish, French, Danish

References

Arthur Lewbel

Boston College
lewbel@bc.edu

Andrea Naghi

Erasmus University Rotterdam
naghi@ese.eur.nl

Giovanni Mellace

University of Southern Denmark
giome@sam.sdu.dk