

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 **applied microeconometrics**.

Education

Ph.D. student

University of Southern Denmark

• "Causal Inference with Many IVs" under the supervision of Professor Giovanni Mellace

Odense, DK

Dec 2020 - Current

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

Work in progress

Identifying Causal Effects of Treatments with Variable Intensity using Multiple Instrumental Variables

Job Market Paper

Limited Monotonicity and the Combined Compliers LATE

with Arthur Lewbel (Boston College) and Giovanni Mellace (University of Southern Denmark)

Should we Tax Unhealthy Food? Evidence Using Exogenous Variation 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)

Long Term Effects of Migration on Attitudes Towards Migrants: A Machine Learning Approach

with Anna Baiardi (Erasmus University) and Andrea Naghi (Erasmus University)

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

Work experience

Research assistant - Causal machine learning

Erasmus University Rotterdam

Rotterdam, NL

Oct 2019 - Nov 2020

Conferences (including scheduled)

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|------|--|----------------|
| 2023 | European Association of Labour Economists Conference | Prague, CZ |
| 2023 | Workshop on Econometric Theory and Applications | Siena, IT |
| 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

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

Skills

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

Languages

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|--------------|------------------|
| Native | Dutch, German |
| Fluent | English, Spanish |
| Intermediate | French, Danish |

References available upon request.