Daniel Czarnowske

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Research Interests

Panel Data Econometrics (Theory and Applications)
Applied Econometrics (mostly IO, International Trade, and Consumer Behavior)
Scientific Software Development

Education

2017 – 2021	**PhD** in Economics (HHU Duesseldorf) *"Essays in Panel Data Econometrics"* First supervisor: Florian Heiss, second supervisor: Joel Stiebale Date of Defense: October 5, 2021
2013 – 2016	**Master of Science** in Economics (HHU Duesseldorf)
2010 – 2013	**Bachelor of Science** in Business Administration (HHU Duesseldorf)
2006 – 2009	**Training as Management Assistant**

Research Experience

Since 2021	Post-doctoral researcher at the Chair of Statistics and Econometrics (HHU Duesseldorf)
2017 – 2021	Research assistant at the Chair of Statistics and Econometrics (HHU Duesseldorf)

Participation in Third-Party Funded Projects

Since 2023	Post-doctoral researcher in the *DFG* funded project *"Schätzung von Konsumentenverhalten mit großen Datensätzen"* with F. Heiss (HHU Duesseldorf)
2017 – 2019	Research assistant in the *BMBF* funded project *"Förderung statistischer Lehr- und Lernprozesse in Großveranstaltungen mittels eines Flipped-Classroom-Designs"* with M. Förster (TU Munich), T. Schank (JGU Mainz), F. Heiss (HHU Duesseldorf), and S. Klinke (HU Berlin)

Teaching Experience

2017 - 2023	Tutorial in "Econometrics" (Master)
2017 - 2022	Tutorial in "Advanced Econometrics II" (Master / PhD)

Publications

2022	*"Latent Unbalancedness in Three-Way Gravity Models"* with Amrei Stammann in ***Economics Letters***

Working Papers

"A Classifier-Lasso Approach for Estimating Production Functions with Latent Group Structures"
"Fixed Effects Binary Choice Models: Estimation and Inference with Long Panels" with Amrei Stammann
"Inference in Unbalanced Panel Data Models with Interactive Fixed Effects" with Amrei Stammann

Work in Progress

"Latent Structures in Directed Network Models: With an Application to Cross-Section Gravity Models" with Amrei Stammann
"Distribution Regression with Weakly Exogenous Regressors" with Philipp Berger and Amrei Stammann

Software Packages

"alpaca: Fit GLM's with High-Dimensional k-Way Fixed Effects" with Amrei Stammann
"bife: Binary Choice Models with Fixed Effects" with Florian Heiss, Daniel McFadden, and Amrei Stammann

Presentations

2023	International Panel Data Conference
2022	International Panel Data Conference
2021	International Panel Data Conference

Refereeing

Journal of Econometrics

Languages

German	native
English	fluent