CURRICULUM VITAE

Prof. Dr. Jannis Kueck
Düsseldorf Institute for Competition Economics (DICE)
Heinrich Heine University Düsseldorf
Universitätsstr. 1
40225 Düsseldorf, Germany

Building 24.31 Room 01.07
Tel.: +49 211 81-10238

PERSONAL DETAILS

Birth Date and Place: 02/29/1992 in Bremervörde (Germany)

PROFESSIONAL EXPERIENCE

Since 05/2023	Professor of Economics, esp. Data Science in Economics, Düsseldorf Institute for Competition Economics (DICE), Heinrich Heine University Düsseldorf
11/2020 – 05/2023	Post-Doctoral Research Associate at University of Hamburg, Faculty of Business Administration, Institute of Statistics - Research in Causal Machine Learning and Econometrics
04/2022 – 06/2022	Research Stay at University of Fribourg, Switzerland Chair of Applied Econometrics, Prof. Dr. Martin Huber - Research in Causal Machine Learning
04/2019 – 08/2019	Research Stay at University of California, Irvine, USA Department of Economics, Prof. Dr. Matthew Harding - Applied Research in Data Science

EDUCATION

11/2016 – 11/2020	Ph.D. in Statistics, University of Hamburg, Faculty of Business Administration, Institute of Statistics - Adviser: Prof. Dr. Martin Spindler - Committee: Prof. Dr. Michael Merz, Prof. Dr. Matthew Harding - Dissertation: *Advances in Machine Learning: Valid Inference about High-Dimensional Parameters* - Overall grade: summa cum laude
10/2014 – 11/2016	M. Sc. Business Mathematics, University of Hamburg, Department of Mathematics
10/2011 – 10/2014	B. Sc. Business Mathematics, University of Hamburg, Department of Mathematics

PUBLICATIONS

Chernozhukov, V., Klaassen, S., Kueck, J., Spindler, M. (2022): *Uniform Inference in High-Dimensional Gaussian Graphical Models (https://doi.org/10.1093/biomet/asac030). Biometrika.*

Kueck, J., Luo, Y., Spindler, M., Wang, Z. (2022): *Estimation and Inference of Treatment Effects with L_2-Boosting in High-Dimensional Settings (https://doi.org/10.1016/j.jeconom.2022.02.005). Journal of Econometrics.*

Felderer, B., Kueck, J., Spindler, M. (2022): *Using Double Machine Learning to Understand Nonresponse in the Recruitment of a Mixed-mode Online Panel (*https://doi.org/10.1177/08944393221095194*). Social Science Computer Review.*

Klaassen, S., Kueck, J., Spindler, M. (2021): *Transformation Models in High Dimensions (https://www.tandfonline.com/doi/full/10.1080/07350015.2021.1906259).*
Journal of Business & Economic Statistics, 1-11.

Kueck, J. (2020): *Advances in Machine Learning: Valid Inference about High-Dimensional Parameters (https://ediss.sub.uni-hamburg.de/handle/ediss/8699).*
Dissertation*, Staats-und Universitätsbibliothek Hamburg Carl von Ossietzky.*

WORKING PAPERS

Bach, P., Klaassen, S., Kueck, J., Spindler, M. (2020): *Uniform Inference in High-Dimensional Additive Models (https://arxiv.org/abs/2004.01623).*
R&R at *Journal of Econometrics.*

Kueck, J., Luo, Y., Spindler (2022): *High-Dimensional L_2-Boosting: Rate of Convergence* (https://arxiv.org/abs/1602.08927)
R&R at *Journal of Machine Learning Research*

Huber, M., Kueck, J. (2022): *Testing the Identification of Causal Effects in Observational Data (https://arxiv.org/abs/2203.15890). Under Review*

WORK IN PROGRESS

Transformed Failure Time Models in High-Dimensions

High-Dimensional Duration Models for Credit Data (with Matthew Harding).

Adaptive Smoothing for Nonparametric Estimation (with Ye Luo and Martin Spindler).

Double Machine Learning for Partial Correlations and Partial Copulas (with Malte Kurz).

CONFERENCES, WORKSHOPS AND SEMINARS

12/2022	*6th International Conference on Computational and Financial Econometrics (CFE 2022)*, King's College London. Presentation: *Testing the Identification of Causal Effects in Observational Data.*
11/2022	*Causal Data Science Meeting*. Presentation: *Testing the Identification of Causal Effects in Observational Data.*
05/2022	*The Economics and Statistics Seminar*, CREST, Paris. Talk: *Estimation and Inference of Treatment Effects with L_2-Boosting in High-Dimensional Settings.*
05/2022	*Research Seminar in Economics*, University of Fribourg. Talk: *Estimation and Inference of Treatment Effects with L_2-Boosting in High-Dimensional Settings.*
03/2022	*DAGStat 2022*, Hamburg. Speaker: *Uniform Inference in High-Dimensional Additive Models.*
10/2019	*2nd Risky Health Behaviors Workshop*, Hamburg, Hamburg Center for Health Economics.
09/2019	Conference *Statistics of Machine Learning*, Prague, Charles University Speaker: *Uniform Inference in High-Dimensional Gaussian Graphical Models.*
07/2018	International Conference on Machine Learning (ICML), Workshop on *Machine Learning for Causal Inference,* Stockholm. Presentation by co-author: *Uniform Inference in High-Dimensional Gaussian Graphical Models.*
06/2018	*Data Science Summer School*, Paris, École Polytechnique. Presentation: *Uniform Inference in High-Dimensional Gaussian Graphical Models.*
05/2018	Workshop *Machine Learning in Economics and Econometrics*, Munich Max Planck Society/University of Hamburg. Presentation: *Uniform Inference in High-Dimensional Gaussian Graphical Models.*

REFEREEING

AStA - Advances in Statistical Analysis (German Statistical Society)

Metrika - International Journal for Theoretical and Applied Statistics

JBES - Journal of Business and Economic Statistics

Empir Econ - Empirical Economics

TEACHING EXPERIENCE

Fall 2023	Econometrics (lecture), Foundations in Econometrics (lecture), Impact Evaluation and Causal Machine (seminar)
Spring 2023	Advanced Econometrics 2 (lecture)
Fall 2022	Causal Machine Learning (lecture), Programming (lecture)
Spring 2022	Machine Learning (tutorial), Statistics II (tutorial)
Fall 2021	Programming (lecture), Statistics I (tutorial)
Spring 2021	Statistical Programing with Python (lecture), Statistics II (tutorial)
Spring 2020	Statistical Programing with Python (lecture), Causal Inference (tutorial)
Fall 2019	Statistics I (tutorial)
Fall 2018	Statistics I (coordination and tutorial)
Spring 2018	Statistical Programing with Python (lecture), Statistics II (tutorial)
Fall 2017	Machine Learning (tutorial), Statistics I (tutorial)
Spring 2017	Advanced Statistics and Econometrics (tutorial), Statistics II (tutorial)

AWARDS, SCHOLARSHIPS AND FUNDINGS

12/2021	Teaching Prize *"Hamburger Lehrpreis 2021"* (10,000€)
11/2021	Visiting Scholar Grant, University of Fribourg (8,500 CHF)
04/2019	Funding of the Research Stay at University of California, Irvine by the Hamburg Center for Health Economics supported by the Federal Ministry of Education and Research

AFFILIATIONS

Since 10/2017	Member of Hamburg Center for Health Economics (HCHE)

OTHER PROFESSIONAL EXPERIENCE

Since 10/2019	Statistical Consulting (self-employed activity) - Trainings in Data Science and Machine Learning -

Düsseldorf, 09/2023