CHRISTOPH ROTHE

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ACADEMIC EMPLOYMENT

Professor, Department of Economics, University of Mannheim	2017–present
Assistant Professor, Department of Economics, Columbia University	2012–2017
Assistant Professor (Junior Chair), Toulouse School of Economics	2009–2012

OTHER APPOINTMENTS

Visiting Fellow, Department of Economics, Princeton University	Fall 2015
Research Fellow, Institute for the Study of Labor (IZA)	2011–present

EDUCATION

Ph.D. in Economics, University of Mannheim	2005–2009
Visiting Research Student, University College London	Fall 2008
Diplom in Statistics, University of Dortmund	2000–2005
Visiting Student, University of Auckland	2003

EDITORIAL ACTIVITIES

Associate Editor, *Econometrics Journal*	2022–present
Editorial Board Member, *Review of Economic Studies*	2019–present
Associate Editor, *Journal of Econometrics*	2019–present
Associate Editor, *Journal of Business and Economic Statistics*	2017–2021
Associate Editor, *Econometric Reviews*	2016–2019

GRANTS

ERC Consolidator Grant: "RD-ADVANCE: Advancing Econometric Methods for Analyzing Data from Regression Discontinuity Designs" (EUR 880,000), 2018–2023.

German Scholars Organization/Carl-Zeiss-Stiftung Grant (EUR 100,000), 2017–2021.

National Science Foundation Grant: "Non-Standard Issues in Regression Discontinuity Designs," with Francois Gerard and Miikka Rokkanen (USD 236,000), 2016–2018.

REFEREED PUBLICATIONS

"Inference in Regression Discontinuity Designs with High-Dimensional Covariates," with Alexander Kreiß, *Econometrics Journal*, to appear.

"Bounds on Treatment Effects in Regression Discontinuity Designs under Manipulation of the Running Variable," with Francois Gerard and Miikka Rokkanen, *Quantitative Economics* (2020), 11, 839–870.

"Estimating Derivatives of Function-Valued Parameters in a Class of Moment Condition Models," with Dominik Wied, *Journal of Econometrics*, (2020), 217, 1–19.

"Properties of Doubly Robust Estimators when Nuisance Functions are Estimated Nonparametrically," with Sergio Firpo, *Econometric Theory*, (2019), 35, 1048–1087.

"Inference in Regression Discontinuity Designs with a Discrete Running Variable," with Michal Kolesár, *American Economic Review*, (2018), 108, 2277–2304.

"Robust Confidence Intervals for Average Treatment Effects under Limited Overlap," *Econometrica* (2017), 85, 645–660.

"Semiparametric Estimation with Generated Covariates," with Enno Mammen and Melanie Schienle, *Econometric Theory* (2016), 32, 1140–1177.

"A Discontinuity Test for Identification in Triangular Nonseparable Models," with Carolina Caetano and Nese Yıldız, *Journal of Econometrics* (2016), 193, 113–122.

"Decomposing the Composition Effect: The Role of Covariates in Determining Between-Group differences in Economic Outcomes," *Journal of Business and Economic Statistics* (2015), 33, 323–337.

"Misspecification Testing in a Class of Conditional Distributional Models," with Dominik Wied, *Journal of the American Statistical Association* (2013), 108, 314–324.

"Partial Distributional Policy Effects," *Econometrica* (2012), 80, 2269–2301.

"Nonparametric Regression with Nonparametrically Generated Covariates," with Enno Mammen and Melanie Schienle, *Annals of Statistics* (2012), 40, 1132–1170.

"Identification of Unconditional Partial Effects in Nonseparable Models," *Economics Letters* (2010), 109, 171–174.

"Nonparametric Estimation of Distributional Policy Effects," *Journal of Econometrics* (2010), 155, 56–70.

"Semiparametric Estimation of Binary Response Models with Endogenous Regressors," *Journal of Econometrics* (2009), 153, 51–64.

"Phillips-Perron-type Unit Root Tests in the Nonlinear ESTAR framework," with Philipp Sibbertsen, *Allgemeines Statistisches Archiv* (2006), 90, 439–456.

NON-REFEREED PUBLICATIONS

"Multiple testing and the Effect of NPIs on the spread of COVID-19," *The Lancet Infectious Diseases*, (2021), 21, 458.

"Generated Regressors in Nonparametric Estimation: A Short Review," with Enno Mammen and Melanie Schienle, in *Recent Developments in Modeling and Applications in Statistics*, ed. by P.E. Oliveira et al., Springer Verlag (2013).

WORKING PAPERS

"Bias-Aware Inference in Fuzzy Regression Discontinuity Designs," with Claudia Noack.

"Flexible Covariate Adjustments in Regression Discontinuity Designs," with Claudia Noack and Tomasz Olma.

REFEREEING

Conferences: Econometric Society European Winter Meeting (2022, 2018), Econometric Society World Congress (2020), Econometric Society European Summer Meeting (2018–2019), International Association for Applied Econometrics Annual Conference (2016–2018).

Journals: Annals of Statistics, Computational Statistics and Data Analysis, Econometric Reviews, Econometric Theory, Econometrica, Econometrics Journal, Economica, Empirical Economics, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Development Economics, Journal of Econometric Methods, Journal of Econometrics, Journal of Economic Inequality, Journal of Multivariate Analysis, Journal of Political Economy, Journal of Statistical Planning and Inference, Journal of the American Statistical Association, Labour, Labour Economics, Oxford Bulletin of Economics and Statistics, Quantitative Economics, Review of Economic Studies, Review of Economics and Statistics, Statistics, Statistics and Probability Letters.

Research agencies: Economic and Social Research Council (UK), European Research Council (EU), National Science Foundation (USA).

HONORS AND AWARDS

Excellence in Graduate Teaching Award, Columbia University Association of Graduate Economics Students, 2014, 2016–2018.

Gumbel Lecture, Annual Meeting of the German Statistical Society, 2015.

German Research Foundation (DFG) Doctoral Scholarship, 2005–2008.

Award for best *Diplom* thesis in Statistics, University of Dortmund, 2005.

German Academic Exchange Service (DAAD) Scholarship, 2003.

INVITED SEMINARS AND CONFERENCE TALKS (LAST 10 YEARS)

2022: Bristol, Econometric Society North American Summer Meeting (Miami)

2021: UC Irvine, Hong Kong UST, Helsinki, Montreal

2020: Heidelberg, Chamberlain Seminar; Econometric Society World Congress

2019: CREST, Warwick, London School of Economics, Toulouse School of Economics, LMU Munich, University of Amsterdam, Lund

2018: University of Luxembourg, University College London, University of Cambridge, University of Vienna, University of Bonn; Econometric Society North American Winter Meeting (Philadelphia), IMS Asian Pacific Rim Meeting (Singapore). Econometric Society European Summer Meeting (Cologne)

2017: Econometric Society North American Winter Meeting (Chicago)

2016: University of Oklahoma, University of Iowa, Toronto, University of British Columbia; Econometric Society North American Winter Meeting (San Francisco), International Association for Applied Econometrics Annual Conference (Milan), IMS Asian Pacific Rim Meeting (Hong Kong).

2015: Syracuse, University of Maryland, Princeton, Yale, Boston University; Workshop on "Structured Nonparametric Modeling" in Honor of Enno Mammen's 60th Birthday (Berlin), Annual Meeting of the German Statistical Society (Hamburg), Interactions: Bringing Together Econometrics and Applied Microeconomics (Chicago)

2014: University of Wisconsin Milwaukee, Georgetown, Northwestern, Duke; Econometric Society North American Winter Meeting (Philadelphia), Cowles Summer Conference (Yale), CEME

Conference on Inference in Non-Standard Problems (Princeton), Econometric Society European Meeting (Toulouse), Greater NY Metropolitan Area Colloquium (Princeton)

2013: New York University, University of Pennsylvania, Princeton, Brown, University of Texas Austin, Ohio State University, Indiana University, Harvard/MIT, Pennsylvania State University, University of Wisconsin Madison, Dortmund; CEME Conference on Inference in Non-Standard Problems (Cornell), European Economic Association & Econometric Society European Meeting (Gothenburg), LATAM Workshop in Econometrics (Sao Paulo)

2012: University College London, CREST, Universidad Carlos III de Madrid, Rutgers, Rochester; Econometric Society North American Winter Meeting (Chicago), Greater New York Area Econometrics Colloquium (New York University)

PHD STUDENT SUPERVISION AS MAIN ADVISOR

Majed Dodin (Mannheim, 2021, initial placement: Zalando)
Claudia Noack (Mannheim, 2021, initial placement: Oxford Nuffield postdoc)
Tomasz Olma (Mannheim, 2021, initial placement: UCL postdoc)

Vita Date: September 30, 2022.