CHRISTOPH ROTHE

Curriculum Vitae, December 2017

OFFICE CONTACT

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ACADEMIC POSITIONS

Professor, Department of Economics, University of Mannheim, 2017–present.

Assistant Professor, Department of Economics, Columbia University, 2012–2017.

Visiting Fellow, Department of Economics, Princeton University, Fall 2015.

Research Fellow, Institute for the Study of Labor (IZA), 2011–present.

Junior Chair (Assistant Professor), Toulouse School of Economics, 2009–2012.

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.

RESEARCH GRANTS

European Research Council Consolidator Grant "RD-ADVANCE: Advancing Econometric Methods for Analyzing Data from Regression Discontinuity Designs", 2018–2022.

German Scholars Organization and Carl-Zeiss-Stiftung Grant GSO/CZS 17, 2017–2020.

National Science Foundation Grant SES 1559058: "Non-Standard Issues in Regression Discontinuity Designs," with Francois Gerard and Miikka Rokkanen, 2016–2018.

REFEREED PUBLICATIONS

"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

"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)

COMPLETED WORKING PAPERS

"Inference in Regression Discontinuity Designs with a Discrete Running Variable," with Michal Kolesár, revise and resubmit, ***American Economic Review***.

"Bounds on Treatment Effects in Regression Discontinuity Designs under Manipulation of the Running Variable, with an Application to Unemployment Insurance in Brazil," with Francois Gerard and Miikka Rokkanen.

"Estimating Derivatives of Function-Valued Parameters in a Class of Moment Condition Models," with Dominik Wied, reject and resubmit, ***Journal of Econometrics***.

"Properties of Doubly Robust Estimators when Nuisance Functions are Estimated Nonparametrically," with Sergio Firpo, revise and resubmit, ***Econometric Theory***.

PROFESSIONAL ACTIVITIES

Associate Editor, *Econometric Reviews*, 2016–present.

Program Committee Member, Econometric Society European Summer Meeting, 2018.

Program Committee Member, International Association for Applied Econometrics Annual Conference, 2016–2018.

Referee for *Annals of Statistics, Computational Statistics and Data Analysis, Econometric Reviews, Econometric Theory, Econometrica, Econometrics Journal, Economic and Social Research Council (UK), Economica, Empirical Economics, European Research Council (EU), Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Development Economics, 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, National Science Foundation (USA), Oxford Bulletin of Economics and Statistics, Quantitative Economics, Review of Economic Studies, Review of Economics and Statistics, Statistics, Statistics and Probability Letters.*

HONORS AND AWARDS

Excellence in Graduate Teaching Award, Columbia University Association of Graduate Economics Students, 2014, 2016 & 2017.

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

2017: University College London

2016: University of Oklahoma, University of Iowa, Toronto, University of British Columbia

2015: Syracuse, University of Maryland, Princeton, Yale, Boston University

2014: University of Wisconsin Milwaukee, Georgetown, Northwestern, Duke

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

2012: University College London, CREST, Universidad Carlos III de Madrid, Rutgers, Rochester

2011: Oxford, Mannheim

2010: Humboldt-Universität Berlin, Einaudi Institute Rome, St. Gallen, Columbia, Georgetown

2009: Toulouse School of Economics, University of British Columbia, University of New South Wales, UC Louvain, Warwick

CONFERENCE PRESENTATIONS

2018: Econometric Society North American Winter Meeting (Philadelphia)

2017: Econometric Society North American Winter Meeting (Chicago)

2016: Econometric Society North American Winter Meeting (San Francisco), International Association for Applied Econometrics Annual Conference (Milan) IMS Asian Pacific Rim Meeting (Hong Kong).

2015: 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: 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: CEME Conference on Inference in Non-Standard Problems (Cornell), European Economic Association & Econometric Society European Meeting (Gothenburg), LATAM Workshop in Econometrics (Sao Paulo)

2012: Econometric Society North American Winter Meeting (Chicago), Greater New York Area Econometrics Colloquium (New York University)

2011: Econometric Society European Meeting (Oslo)

2010: 21st EC2 Conference (Toulouse), 2nd Annual French Econometrics Conference (Paris), Annual Meeting of the German Statistical Society (Nuremberg), Advancing Applied Microeconometrics (Beijing), SOLE/EALE International Conference (London)

2009: Econometric Society European Meeting (Barcelona), Econometric Society North American Summer Meeting (Boston), Workshop on Non- and Semiparametric Methods in Econometrics (BIRS Banff)

2008: Econometric Society European Winter Meeting (Cambridge), Econometric Society European Meeting (Milan), Symposium on Econometric Theory and Applications (Seoul), Annual Meeting of the German Statistical Society (Berlin), 8th German Open Conference on Probability and Statistics (Aachen), ENTER Jamboree (Madrid).

2007: Econometric Society European Meeting (Budapest), Annual Meeting of the German Statistical Society (Bielefeld), Workshop on Non- and Semiparametric Methods in Econometrics (MFO Oberwolfach).

TEACHING EXPERIENCE

Advanced Econometrics 1 (Mannheim, Graduate, Fall 2017)

Introduction to Econometrics 2 (Columbia, Graduate, Spring 2013–Spring 2017)

Introduction to Econometrics (Columbia, Undergraduate, Spring 2015)

Advanced Microeconometrics (TSE, Graduate, Spring 2010–Spring 2012)

PHD STUDENT SUPERVISION

Kerem Tuzcuoglu, thesis committee member (Columbia, 2017, initial placement: Bank of Canada)

Lina Liu, thesis committee member (Columbia, 2017, initial placement: Boston Fed)

Ju Hyun Kim, thesis committee member (Columbia, 2014, initial placement: UNC Chapel Hill)

PERSONAL INFORMATION

German citizen; US permanent resident; married; three children.