

Education

2009–2012 **Doctoral Degree**, *Ruhr-Universität Bochum*, Grade: *summa cum laude*.

Doctoral Thesis

title *Mobility in Germany - car dependence, safety, and fuel price elasticities*

supervisors Prof. Christoph M. Schmidt and Prof. Colin Vance

description The thesis consists of six individual contributions addressing transport and energy economics. The first scrutinizes car ownership, the second seeks to explain who protects himself by wearing a helmet when taking the bike. Papers 3 to 5 advance the existing literature with respect to household fuel price elasticities by employing new empirical methods including two-sided censoring models that account for individual-specific effects as well as quantile panel methods. The last paper is a methods piece that advances the understanding of variable selection on estimation precision.

2000–2008 **Diploma**, *Universität Duisburg-Essen*, Grade: *1.9*.

Focus: Banking and Money & Credit

Diploma Thesis

title *Conditional Volatility in Capital Asset Pricing Models (awarded the 1st prize of the Duisburger Nationalbankpreis)*

supervisors Prof. Dr. Bernd Rolfes

description The diploma thesis tests whether the volatility of stock prices is conditional on its past volatility. The analysis is carried out using a generalized autoregressive conditional heteroskedasticity approach and data on German stock prices over the period of 2000 through 2007.

Experience

Vocational

since 2018 **Scientific Officer**, *Mercator Research Institute on Global Commons and Climate Change*, Berlin.

2015–2018 **Scientific Officer**, *Deutsches Institut für Wirtschaftsforschung*, Berlin.

2008–2015 **Scientific Officer**, *Rheinisch-Westfälisches Institut für Wirtschaftsforschung*, Essen.

Supervision

2018 **Masterthesis**, *Carla Hornberg*, Freie Universität Berlin, 2018.

2017 **Masterthesis**, *Martina Kraus*, Freie Universität Berlin, 2017.

2017 **Masterthesis**, *Julia Bingler*, Universität Leipzig, 2017.

2017 **Masterthesis**, *Linda Kaunitz*, Universität Magdeburg, 2017.

2016 **Masterthesis**, *Carolin Reiner*, Hertie School of Government, Berlin, 2016.

Teaching

2018 **Lecturer**, *Development Economics*, German University in Cairo Campus Berlin, Winter Semester 2018.

- 2018 **Lecturer**, *Political Economics*, German University in Cairo Campus Berlin, Spring Semester 2018.
- 2014 **Seminar**, *Empirische Umwelt-, Energie- und Ressourcenökonomik*, Ruhr Universität Bochum, Summer Semester 2014.
- 2013–2014 **Seminar**, *Empirische Umwelt-, Energie- und Ressourcenökonomik*, Ruhr Universität Bochum, Winter Semester 2013/14.
- 2013 **Seminar**, *Empirische Umwelt-, Energie- und Ressourcenökonomik*, Ruhr Universität Bochum, Summer Semester 2013.
- 2012–2013 **Lecturer**, *Microeconomics*, Universität Duisburg-Essen, Winter Semester 2012/13.
- 2012–2013 **Exercise Course**, *Microeconomics*, Universität Duisburg-Essen, Winter Semester 2012/13.
- 2012–2013 **Seminar**, *Empirische Umwelt-, Energie- und Ressourcenökonomik*, Ruhr Universität Bochum, Winter Semester 2012/13.
- 2012 **Seminar**, *Empirische Umwelt-, Energie- und Ressourcenökonomik*, Ruhr Universität Bochum, Summer Semester 2012.
- 2011–2012 **Seminar**, *Empirische Umwelt-, Energie- und Ressourcenökonomik*, Ruhr Universität Bochum, Winter Semester 2011/12.
- 2011 **Seminar**, *Empirische Umwelt-, Energie- und Ressourcenökonomik*, Ruhr Universität Bochum, Summer Semester 2011.
- 2010–2011 **Seminar**, *Empirische Umwelt-, Energie- und Ressourcenökonomik*, Ruhr Universität Bochum, Winter Semester 2010/11.

Workshop Organization

- 2011 **Gesellschaft für Energiewissenschaft und Energiepolitik Workshop**, *Rheinisch-Westfälisches Institut für Wirtschaftsforschung and Gesellschaft für Energiewissenschaft und Energiepolitik*, Essen.

Languages

- German **Native Speaker**
 English **Native Speaker**

Publications

Submitted Papers

Michelsen, C. and N. Ritter. How Much Energy Do Building Energy Codes Save? A reply.

Ritter, N., and L. Kaunitz. How to find evidence for total inelasticity? A Bayesian approach using experimental data.

Ritter, N., and C. Reiner. Experimental evidence on the causal effect of smart-meters on electricity consumption.

Ritter, N. The causal impact of unemployment on health - a quasi-experimental approach using unconditional quantile regression.

Ritter, N., Unemployment is worse than your mother's death.

Ritter, N. Experimental evidence on the causal effect of wage increases on income, work load, and work effort.

Ritter, N. The causal effect of village schools on Afghan children's enrolment and test scores.

Ritter, N., Rinne, S. The causal effect of solar generation on the electricity price.

Work in Progress

Ritter, N. and M. Kraus, Do resource discoveries impact the probability and the severity of interstate conflict?

Ritter, N. and J. Bingler. Experimental evidence on the effect of price and information provision on residential natural gas consumption - A Bayesian Approach.

Ritter, N. and V. Procher. The causal effect of involuntary unemployment on household production - a natural experiment.

Ritter, N., Woliszcz, H., and C. Michelsen. Are responses to interview questions influenced by temperature and humidity levels? Insights from a large climate-chamber experiment.

Ritter, N., and S. Rinne. The causal effect of wind generation on the electricity price.

Published articles in peer-reviewed Journals

Ritter, N., C. Vance, and V. Procher (2017), Housework allocation in Germany: The role of income and gender identity. *Social Science Quarterly*, 2017.

Kihm, A., Ritter, N., and C. Vance (2016), Is the German retail gas market competitive? A spatio-temporal analysis using quantile regression. *Land Economics*, , 92(4), 718-737.

Ritter, N., C. Vance, and C. M. Schmidt (2016), Short-run fuel price responses: At the pump and on the road. *Energy Economics*, 58: 67-76.

Ritter, N., and C. Vance (2014), Is peace a missing value or a zero? On selection models in political science. *Journal of Peace Research* 51 (4), 528-540.

Ritter, N. and C. Vance (2013), Do fewer people mean fewer cars? Population decline and car ownership in Germany. *Transportation Research Part A* 50, 74-85.

Frondel, M., N. Ritter, and C. M. Schmidt (2012), Measuring long-term energy supply risks: A G7 ranking. *Energy Studies Review* 19 (1), 29-42.

Frondel, M., N. Ritter, and C. Vance (2012), Heterogeneity in the rebound effect: Further evidence for Germany. *Energy Economics* 34, 461-467.

Vance, C. and N. Ritter (2012), The phantom menace of omitted variables: A comment. *Conflict Management and Peace Science* 29 (2), 233-238.

Frondel, M., N. Ritter, C. M. Schmidt and N. aus dem Moore (2011), Die Kosten des Klimaschutzes am Beispiel der Strompreise für private Haushalte. *Zeitschrift für Energiewirtschaft* 35(3): 195-207.

Ritter, N. and C. Vance (2011), The Determinants of Bicycle Helmet Use: Evidence from Germany. *Accident Analysis and Prevention* 43:95-100.

Frondel, M. and N. Ritter (2010), Deutschlands Art der Förderung erneuerbarer Energien: Nicht zur Nachahmung zu empfehlen. *Zeitschrift für Umweltpolitik und Umweltrecht* 33(3):261-283.

Frondel, M., N. Ritter, C. M. Schmidt and C. Vance (2010), Economic Impacts from the Promotion of Renewable Energy Technologies: The German Experience. *Energy Policy* 38:4048-4056.

Frondel, M., N. Ritter, C. M. Schmidt and C. Vance (2010), Die ökonomischen Wirkungen der Förderung Erneuerbarer Energien: Erfahrungen aus Deutschland. *Zeitschrift für Wirtschaftspolitik* 59(2):107-133.

Frondel, M., N. Ritter and C. M. Schmidt (2009), Deutschlands Energieversorgungsicherheit gestern, heute und morgen. *Zeitschrift für Energiewirtschaft* 33(1):42-48 .

Frondel, M., N. Ritter and C. M. Schmidt (2008), Wo viel Licht ist, ist auch viel Schatten. *List Forum für Wirtschafts- und Finanzpolitik* 34(1):28-44.

Frondel, M., N. Ritter and C. M. Schmidt (2008), Germany's Solar Cell Promotion: Dark Clouds on the Horizon. *Energy Policy* 36(4):4198-4204.

Presentations at Scientific Conferences and Workshops

23rd Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Athens, 2017.

9th International Workshop on Empirical Methods in Energy Economics (EMEE), Oviedo, 2016.

7th International Workshop on Empirical Methods in Energy Economics (EMEE), Aachen, 2014.

37th International Conference of the International Association for Energy Economics (IAEE), New York, 2014.

93rd Annual Meeting of the Transportation Research Board (TRB), Washington, 2014.

6th International Workshop on Empirical Methods in Energy Economics (EMEE), Ottawa, 2013.

20th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Toulouse, 2013.

92nd Annual Meeting of the Transportation Research Board (TRB), Washington, 2013.

19th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Prague, 2012.

12th International Association for Energy Economics European Conference (IAEE), Venice, 2012.

KEIS International Conference on Employment Effects Evaluation and Job Creation, Seoul, 2012.

5th International Workshop on Empirical Methods in Energy Economics (EMEE), Berlin, 2012.

5th Ruhr Graduate School Doctoral Conference, Duisburg, 2012.

18th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Rome, 2011.

34th International Association for Energy Economics International Conference (IAEE), Stockholm, 2011.

Economic Challenges for Energy, Economics for Energy, Madrid, 2011.

7te Internationale Energiewirtschaftstagung (IEWT), Vienna, 2011.

9th Conference on Applied Infrastructure Research (INFRADAY), Berlin, 2010.

11th International Association for Energy Economics European Conference (IAEE), Vilnius, 2010.

29th International Association for Energy Economics North American Conference (IAEE), Calgary, 2010.

10th International Association for Energy Economics European Conference (IAEE), Vienna, 2009.

Review Assignments

Ecological Economics

Economic Modelling

Energy Economics

Energy Policy

Environment, Development and Sustainability

The Energy Journal

The Journal of Productivity Analysis