

BERNHARD DALHEIMER

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RESEARCH INTERESTS

International trade and global value chains; Food and agricultural supply chain resilience; International food and commodity markets; Food security; Environmental and resource productivity

EMPLOYMENT

Assistant Professor , PURDUE UNIVERSITY, USA	SINCE AUG 2023
Visiting Assistant Professor UNIVERSITY OF MINNESOTA, USA	2022 - 2023
Professor <i>ad interim</i> , KIEL UNIVERSITY, Germany	2022 - 2022
Postdoc , UNIVERSITY OF GÖTTINGEN, Germany	2020 - 2022
Research Assistant , UNIVERSITY OF GÖTTINGEN, Germany	2017 - 2020
Economist/Statistician/Econometrician , FAO, Italy	2014 - 2016

EDUCATION

PhD Economics (Summa cum laude), UNIVERSITY OF GÖTTINGEN	2020
MA Development Economics , UNIVERSITY OF GÖTTINGEN	2016
BSc Economics and Social Sciences , FREE UNIVERSITY OF BOLZANO	2013

PEER-REVIEWED PUBLICATIONS

13. **Dalheimer, B.**, Foster, K., Shively, J., Pede, V. O., Fiankor, D.D.D., Ricker-Gilbert, J. & Bist P. (forthcoming). Stocks and Shocks: Assessing the Relative Roles of Public and Private Inventories in Buffering Rice Price Volatility in the Philippines. *Food Policy*.
12. **Dalheimer, B.** & Bellemare. M. F. (forthcoming). Global Agricultural Value Chains and Food Prices. *American Journal of Agricultural Economics*.
11. Fiankor, D.D.D., **Dalheimer, B.**, Mack, G. (2025). Pesticide Regulatory Heterogeneity, Foreign Sourcing, and Global Agricultural Value Chains. *American Journal of Agricultural Economics, forthcoming*.
10. Hoffmeister, O., **Dalheimer, B.** (2024) A linear model to estimate modal split in international freight transport, based on revealed preferences about cost and time saving. *Journal of Shipping and Trade* 9(28).
9. **Dalheimer, B.**, Parikoglou, I., Brambach, F., Mirawati, Y., Kreft, H. & Brümmer, B. (2024). On the palm oil - biodiversity trade-off: Environmental performance of smallholder producers. *Journal of Environmental Economics and Management*, 152, 102975.
8. Fiankor, D. D. D., **Dalheimer, B.**, Curzi, D., Hoffmeister, O. & Brümmer, B. (2024). Does it matter how we ship the good apples out? On specific tariffs, transport mode, and agricultural export prices. *Agricultural Economics*, 55(3).
7. Dalhaus, T., Steinhübel, L., **Dalheimer, B.**, & Colen, L. (2024). The future of research on sustainable food systems: Building an early-career network of agricultural economists in Europe. *Agribusiness*, 40(2)..
6. Vogel, E., **Dalheimer, B.**, Beber, C., de Mori, C., Palhares, J. C. P., Monteiro Novo, A.L. (2023). Environmental efficiency and greenhouse gas abatement costs of dairy farms from Minas Gerais, Brazil. *Food Policy* 119, 102520.

5. **Dalheimer, B.**, Kubitza, C. & Brümmer, B. (2022). Technical efficiency and farmland expansion: Evidence from oil palm smallholders in Indonesia. *American Journal of Agricultural Economics*, 104(4): 1364– 1387.
4. Bruns, S., **Dalheimer, B.** & Mußhoff, O. (2022). The effect of cognitive function on the poor's economic performance: Evidence from Cambodian smallholder farmers. *Agricultural Economics* 53(3), 468-480.
3. Berger, J., **Dalheimer, B.**, Brümmer, B. (2021). Effects of variable EU Import Levies on Corn Price Volatility. *Food Policy*, 102, 102063.
2. **Dalheimer, B.**, Herwartz, H. & Lange, A. (2021). The threat of oil market turmoils to food price stability in Sub-Saharan Africa. *Energy Economics*, 93, 105029.
1. Lange, A., **Dalheimer, B.**, Herwartz, H. & Maxand, S. (2021). svarts: An R package for data-driven identification in multivariate time series analysis. *Journal of Statistical Software*, 97 (1), 1-34.

WORKING PAPERS, CONFERENCE PAPERS & OTHER REPORTS

Paz, B., **Dalheimer, B.**, Wollni, M. Sustainability standards and smallholder farms in Rwanda. *Working paper*.

Dalheimer, B., Fiankor, D. D. D. (2022), Food Production Shocks and Agricultural Supply Elasticities in Sub-Saharan Africa. *Working paper*.

REPORTS AND PERMANENT WORKING PAPERS

Stoll, T., Brümmer, **B.**, **Dalheimer, B.** & Gutt, M. (2021). Towards a Fair Africa-EU Trade Agreement: Prospects, Challenges and Potential Regulatory Elements. Published by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ) Trade Policy Division.

Dalheimer, B. (2019). Feed use in China - A Model Approach. *AMIS IG meeting background paper*.

Ram, M., **Dalheimer B.**, Gruber, G., et. al. (2019). Global Energy System based on 100% Renewable Energy – Power, Heat, Transport and Desalination Sectors. Study by Lappeenranta University of Technology and Energy Watch Group, Lappeenranta, Berlin, March 2019.

Kopp, T., **Dalheimer, B.**, Zulkifli, A., Mirawati, Y., Brümmer, B. (2018). Can the South East Asian Rubber Cartel Manipulate International Rubber Prices? *EfforTs Discussion paper series*.

Dalheimer, B., Brümmer, B., Jamali Jaghdani, T. (2017). *Impacts of Export Restrictions on Food Price Volatility*. German Association of Agricultural Economists (GEWISOLA), 57th Annual Conference, Weihenstephan, Germany, September 13-15, 2017.

Hoffmeister O., **Dalheimer, B.** (2015). Feed use in Food Balance Sheets. *FAO statistics internal technical report*.

POPULAR PRESS

Dalheimer, B., Fiankor, D. D. D. (2024). Pesticide Regulation: Global Divergence Impacts Competitiveness, Consumers. *Global Food Journal (Welternährung)*

Dalheimer, B. (2023). Global food supply chains: shock absorbers or cause of price crises and supply shortages? *Global Food Journal (Welternährung)*.

GRANTS & AWARDS

Global Implications of the Russia-Ukraine War for Agricultural Trade and Value Chains, Commodity Prices, and Cross-border Investment (Contributor) USDA-NIFA-AFRI Grant (AERC 6b. Economics, Markets and Trade)	2022
Temporary PI (Eigene Stelle) (3 years, sole PI) German Research Foundation (Deutsche Forschungsgemeinschaft, DFG)	2022
DAAD fellowship (6 months, sole PI) German Academic Exchange Service (DAAD)	2022
Department of Agricultural Economics and Rural Development START-UP GRANT	2020
U4 research mobility scholarship	2019
Teaching quality grants for designing and teaching the Course DATA ANALYSIS WITH R IN AGRICULTURAL ECONOMICS	2018-2021
Bilateral Exchange scholarship FREE UNIVERSITY OF BOZEN-BOLZANO	2011

SOFTWARE

Software development

Lange, A., **Dalheimer, B.**, Herwartz, H. & Maxand, S. (2018). *svars*: Data-Driven Identification of SVAR Models. R-Package Version 1.3.6.

Software skills

Professional: R Statistical Software (incl. shiny, data.table, ggplot2, rcpp and GIS), L^AT_EX

Intermediate: PYTHON, C++, STATA, QGIS, ARCGIS, EVIEWS, GRETl, LINUX

Basic: MATLAB, JULIA, GAMS

CURRENT TEACHING

International Agricultural Trade	SPRING
Department of Agricultural Economics, PURDUE UNIVERSITY	
Advanced Microeconomics	SPRING
Department of Agricultural Economics, PURDUE UNIVERSITY	

PAST TEACHING

Microeconomics, Undergraduate, Department of Agricultural Economics, KIEL UNIVERSITY, Germany; **Econometric Productivity and Trade Analysis**, Graduate, Department of Agricultural Economics, KIEL UNIVERSITY, Germany; **Microeconomics**, Graduate, Department of Agricultural Economics and Rural Development, UNIVERSITY OF GÖTTINGEN, Germany; **Data Analysis with R in Agricultural Economics**, Graduate, Department of Agricultural Economics and Rural Development, UNIVERSITY OF GÖTTINGEN, Germany; **International Trade**, Graduate, Department of Agricultural Economics, UNIVERSITY OF STELLENBOSCH, South Africa; **Productivity and Efficiency Analysis**, Doctoral Certificate Program in Agricultural Economics, Department of Agricultural Economics and Rural Development, UNIVERSITY OF GÖTTINGEN, Germany; **Scientific Programming with R**, Faculty workshop, UNIVERSITY OF JAMBI (UNJA), Indonesia; **Time Series Analysis**, Doctoral Certificate Program in Agricultural Economics, Department of Agricultural Economics and Rural Development, UNIVERSITY OF GÖTTINGEN, Germany; **Agricultural Economics Seminar**, Graduate Seminar, Department of Agricultural Economics and Rural Development, UNIVERSITY OF GÖTTINGEN, Germany; **Agricultural Markets & Policy**, Undergraduate Seminar, Department of Agricultural Economics and Rural Development, UNIVERSITY OF GÖTTINGEN, Germany.

PROFESSIONAL SERVICE

AgEconMeet - European Network of Early Career Agricultural Economists, member of the board 2021-2023

Local organizing and scientific committee member - European Network of Early Career Agricultural Economists EAAE Seminar in Göttingen, 2022

Referee for *Oxford Bulletin of Economics and Statistics*, *American Journal of Agricultural Economics*, *Agribusiness*, *Food Policy*, *German Journal of Agricultural Economics*, *Journal of Agricultural and Applied Economics*, *World Development*, *Nature Humanities and Social Sciences Communications*

Member of faculty hiring board at University of Göttingen

Group-speaker for PhD students at the collaborative research center 990 at the University of Göttingen

INVITED TALKS

- 2025 **Cornell University, Texas A&M University, IRRI** International Rice Research Institute, Los Baños, Philippines, **ADB** (Asian Development Bank), Manila, Philippines
- 2024 **OECD** (Organization for Economic Cooperation and Development), Trade and Agriculture Directorate, Paris, France; **USDA ERS** (Economic Research Service), virtual seminar
- 2023 **Iowa State University, University of Minnesota, Universidad de Cuyo, University of Göttingen, Swedish University of Agricultural Sciences**
- 2021 **Huazhong Agricultural University** International Conference on Food Economics and Agricultural Sustainability, Huazhong, China; **ZEF** (Center for Development Research, University of Bonn); **DIE** (German Development Institute) Virtual Expert workshop, Bonn, Germany; **UNCTAD** Virtual Research Seminar, Geneva, Switzerland; **BMZ** (German ministry for Economic Development) Comission on Sustainable Economy, Trade and Finance, Berlin, Germany
- 2019 **AMIS** (Agricultural Market Information System) Information Group meeting at FAO, Rome, Italy; **AMIS** Rapid Response Forum (RRF) at WTO, Geneva, Switzerland;

TALKS AND PRESENTATIONS

- 2025 **CAES** (Canadian Agricultural Economics Society) annual meeting, Montreal, Canada; **AAEA** (American Association of Agricultural and Applied Economists) annual meeting Denver, CO, USA; **EAAE** European Association of Agricultural Economists congress, Bonn, Germany; **EAAE** European Association of Agricultural Economists congress, Bonn, Germany;
- 2024 **AAEA** annual meeting New Orleans, LO, USA; **GTAP** (Global Trade analysis Project) annual meeting, Fort Collins, CO, USA
- 2023 **ASSA** (American Economic Association) Annual Meeting, New Orleans, USA; **SCC-76**, Kansas City, USA; **Congreso Regional de Economía Agraria**, Montevideo, Uruguay; **IATRC** (International Agricultural Trade Research Consortium) annual meeting, Clearwater, FL, USA
- 2022 **IATRC**, Clearwater, FL, USA; **AAEA** annual meeting, Anaheim, CA, USA; **AgEconMeet** EAAE Seminar, Göttingen, Germany
- 2021 **AAEA** annual meeting Austin, USA; **EAAE** European Association of Agricultural Economists virtual triennial congress, Prague, Czech Republic; **WEAI** (Western Economic Association International), virtual meeting;
- 2020 **NAPW** (North American Productivity virtual Workshop), Miami, USA
- 2019 **AAEA** annual meeting, Atlanta, USA; **EWEPA** (European Workshop on Efficiency and Productivity Analysis), London, UK; **GWISOLA** (Gesellschaft für Wirtschafts- und Sozialwissenschaften des Landbaus), Munich, Germany
- 2018 **NAPW**, Miami, USA; **AAEA**, Washington D.C., USA; **EUBCE** (European Biomass Conference Exhibition) annual conference, Copenhagen, Denmark)
- 2017 **EAAE** triennial congress, Parma, Italy; **IAMO Forum**, Halle, Germany; **GlobalFood** Symposium, Göttingen, Germany

POPULAR PRESS

Dalheimer, B., Fiankor, D. D. D. (2024). Pesticide Regulation: Global Divergence Impacts Competitiveness, Consumers. *Global Food Journal (Welternährung)*.

Dalheimer, B. (2023). Global food supply chains: shock absorbers or cause of price crises and supply shortages? *Global Food Journal (Welternährung)*.

CONSULTING

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS (FAO)
UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT (UNCTAD)
GERMAN CORPORATION FOR INTERNATIONAL COOPERATION (GIZ)
UNITED WORKSHOPS FOR BIOFUEL TECHNOLOGY (VWP)
DEPARTMENT OF AGRICULTURE of Schleswig Holstein, Germany

RESEARCH VISITS, SUMMER SCHOOL & OTHER EXCHANGES

UNIVERSITY OF GHENT, Belgium OCT 2019
Research stay at Department of Bioscience Engineering

WAGENINGEN UNIVERSITY RESEARCH, Netherlands JUL 2017
WASS Summer School: Theory and Practice of Efficiency & Productivity Measurement: static & dynamic analysis

NATIONAL SUN YAT-SEN UNIVERSITY, Taiwan SEP 2010-JAN 2011
Exchange Scholarship Program

LANGUAGES

Mothertongue: GERMAN
Professional: ENGLISH, ITALIAN
Intermediate SPANISH

REFERENCES

Marc F. Bellemare **Bernhard Brümmer**
Applied Economics Agricultural Economics and Rural Development
UNIVERSITY OF MINNESOTA UNIVERSITY OF GÖTTINGEN
Ruttan Hall, 1994 Buford Avenue Platz der Göttinger Sieben 5
55108 St. Paul, MN, United States 37075 Göttingen, Germany

Stephan von Cramon-Taubadel
Agricultural Economics and Rural Development
University of Göttingen
Platz der Göttinger Sieben 5
37075 Göttingen, Germany