

# BERNHARD DALHEIMER

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## EDUCATION

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|---|-------------------|
| <b>PhD Economics</b> (Summa), UNIVERSITY OF GÖTTINGEN                 | MAR 2017-JUL 2020 |
| <b>MA Development Economics</b> , UNIVERSITY OF GÖTTINGEN             | OCT 2014-OCT 2016 |
| <b>BSc Economics and Social Sciences</b> , FREE UNIVERSITY OF BOLZANO | SEP 2010-OCT 2013 |

## EMPLOYMENT

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|---|---------------------|
| <b>Postdoctoral Researcher</b><br>Department of Agricultural Economics and Rural Development,<br>UNIVERSITY OF GÖTTINGEN, Göttingen, Germany  | SINCE SEP 2020      |
| <b>Research Assistant</b><br>Department of Agricultural Economics and Rural Development,<br>UNIVERSITY OF GÖTTINGEN, Göttingen, Germany   | MAR 2017 - AUG 2020 |
| <b>Economist/Statistician/Econometrician</b><br>Various assignments in Statistics (ESS) and Trade and Markets Divisions (EST)<br>FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS (FAO), Rome, Italy | APR 2014 - DEC 2016 |

## PEER-REVIEWED PUBLICATIONS

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Berger, J., **Dalheimer, B.**, Brümmer, B. (forthcoming, 2021). Effects of variable EU Import Levies on Corn Price Volatility. *Food Policy*.

**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.

Lange, A., **Dalheimer, B.**, Herwartz, H. & Maxand, S. (forthcoming, 2021). svars: An R package for data-driven identification in multivariate time series analysis. *Journal of Statistical Software*.

## WORKING PAPERS, CONFERENCE PAPERS & OTHER REPORTS

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**Dalheimer, B.**, Kubitzka, C. & Brümmer, B. (2020). Does technical efficiency of smallholders threaten forest conservation? Evidence from the oil palm sector in Indonesia. *R&R*.

**Dalheimer, B.**, Brambach, F., Mirawati, Y., Kreft, H. & Brümmer, B. (2020). On the palm oil - biodiversity tradeoff: Environmental performance of smallholder producers. *R&R*.

Bruns, S., **Dalheimer, B.** & Mußhoff, O. (2020). The effects of cognitive load on the poors' economic performance. *Under Review*.

Villa-Cox, G., **Dalheimer, B.**, Mercado-Garcia, D., Chavez, E., Herrera, P., Goethals, P., Brümmer B. & Speelman, S. (2020). Trade-offs between ecosystem services and cocoa production of smallholder producers in Ecuador. *Draft*.

**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*.

## SOFTWARE

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### 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),  $\text{\LaTeX}$

Intermediate: PYTHON, C++, STATA, QGIS, ARCGIS, EViews, GRETL, LINUX

Basic: MATLAB, JULIA, GAMS

## TEACHING

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**International Trade**, Graduate Course, 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.

**Data Analysis with R in Agricultural Economics**, Graduate Course, 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.

## TALKS AND PRESENTATIONS

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**NAPW** 2018, 2020  
*North American Productivity Workshop, biannual meetings, (talks)*  
*Miami, USA*

**AAEA** 2018, 2019  
*American Association of Agricultural and Applied Economists meetings, (poster, talk)*  
*Washington D.C. & Atlanta, USA*

**AMIS IG** 2019  
*Invited speaker at the AMIS Information Group meeting at FAO,*  
*Rome, Italy*

**AMIS RRF** 2019  
*Invited speaker at the AMIS Rapid Response Forum at WTO,*  
*Geneva, Switzerland*

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| <b>EWEP</b>  | 2019       |
| <i>European Workshop on Efficiency and Productivity Analysis, biannual meeting, (talk)</i><br>London, UK   |            |
| <b>GEWISOLA</b>  | 2017, 2019 |
| <i>(Gesellschaft für Wirtschafts- und Sozialwissenschaften des Landbaus), (talk, poster)</i><br>Munich & Brunswick, Germany  |            |
| <b>EUBCE</b>   | 2018       |
| <i>European Biomass Conference &amp; Exhibition, annual conference, (poster)</i><br>Copenhagen, Denmark  |            |
| <b>EAAE</b>  | 2017       |
| <i>European Association of Agricultural Economists), triennial congress, (talk)</i><br>Parma, Italy  |            |
| <b>Other talks</b>   | 2014, 2017 |
| <i>IAMO Forum (talk), Halle, Germany; GlobalFood Symposium (talk), Göttingen, Germany; Dairy Asia: Towards Sustainability 2014, FAO regional conference, Bangkok, Thailand</i> |            |

## CONSULTING

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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

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| 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  |                   |

## GRANTS & SCHOLARSHIPS

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| <b>U4 research mobility scholarship</b>   | 2019      |
| <b>Teaching quality grants</b> for designing and teaching the Course DATA ANALYSIS WITH R IN AGRICULTURAL ECONOMICS | 2018-2021 |
| <b>Bilateral Exchange scholarship</b> FREE UNIVERSITY OF BOZEN-BOLZANO  | 2011      |

## LANGUAGES

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Mothertongue: GERMAN  
 Professional: ENGLISH, ITALIAN  
 Intermediate: SPANISH  
 Basic: MANDARIN, VIETNAMESE