

# DR. JOHANNES BLEHER

YEAR OF BIRTH 1988  
MARITAL STATUS Married to Malin Bleher  
CHILDREN Jakob (\*2016), Mattheus (\*2018) and Esther (\*2021)  
CITIZENSHIP German  
ADDRESS Kavaliershäuser Fruwirthstraße 49 (Geb. 04.46)  
70599 Stuttgart, Germany  
PHONE (+49) 711 459 23431  
EMAIL Johannes.Bleher@uni-hohenheim.de

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## ACADEMIC QUALIFICATIONS

February 2021 Doctoral Degree in Finance (Dr. rer. pol.)  
Eberhard Karls University, Tübingen, Germany  
September 2016 Master of Science in Economics and Finance  
Eberhard Karls University, Tübingen, Germany  
February 2012 Bachelor of Science in International Economics and European Studies  
Eberhard Karls University, Tübingen, Germany

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## PROFESSIONAL EXPERIENCE

04/2022 – today Project Coordinator for the AI & Data Science Certificate, University of  
Hohenheim, Stuttgart, Germany  
03/2020-03/2022 Risk Analyst at Bausparkasse Schwäbisch Hall AG, Schwäbisch Hall, Germany  
04/2020-09/2021 Research Assistant in the DFG funded project on “Robust estimation of  
time-varying moments, mutual information, and transfer entropy by means of  
quantile regression based density forecasts”, Faculty of Economics and Social  
Sciences at the Eberhard Karls University, Tübingen, Germany  
04/2017-03/2020 Research Assistant at the Chair of Statistics, Econometrics and Empirical  
Economics, Faculty of Economics and Social Sciences at the Eberhard Karls  
University, Tübingen, Germany  
12/2016-02/2020 Project Coordinator for the projects “Strukturmodelle – Initiationswege in die  
Wissenschaft” and the follow-up project “Studienstart” at the Deanery of the  
Faculty of Economics and Social Sciences at the Eberhard Karls University,  
Tübingen, Germany  
11/2014-12/2016 Student Assistant at the Chair of Statistics, Econometrics and Empirical  
Economics, Faculty of Economics and Social Sciences at the Eberhard Karls  
University, Tübingen, Germany  
10/2014-12/2016 Local Assistant to MEP Dr. Inge Gräble

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03/2012-09/2014	Accredited Parliamentary Assistant to MEP Dr. Inge Gräßle, Brussels and Strasbourg, Belgium and France
10/2010-02/2012	Student Assistant at the Chair of Statistics, Econometrics and Empirical Economics, Faculty of Economics and Social Sciences at the Eberhard Karls University, Tübingen, Germany
04/2010-02/2012	Local Assistant to MEP Dr. Inge Gräßle, Germany
09/2009-03/2010	Internship in the parliamentary office of MEP Dr. Inge Gräßle, Brussels and Strasbourg, Belgium and France
02/2009-07/2011	Student Assistant in the PC-Lab for the Faculty of Economics and Social Sciences at the Eberhard Karls University, Tübingen, Germany

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PUBLICATIONS IN REFEREED JOURNALS

- [4] Benefits of additional online practice opportunities in higher education, 2022, *The Internet and Higher Education*, Volume 53, 100834, (with J. Schwerter, T. Dimpfl and Kou Murayama)
  - [3] Knitting Multi-Annual High-Frequency Google Trends to Predict Inflation and Consumption, 2021, *Econometrics and Statistics*, Volume 24, October 2022, Pages 1-26 (with T. Dimpfl)
  - [2] Today I got a million, tomorrow, I don't know: On the predictability of cryptocurrencies by means of Google search volume, 2019, *International Review of Financial Analysis*, Volume 63, 147-159 (with T. Dimpfl)
  - [1] Loss of IBA1-Expression in Brains from Individuals with Obesity and Hepatic Dysfunction, 2019, *Brain Research*, Volume 1710, 220-229, (with J. Lier, K. Winter, J. Grammig, W. Müller, W. Streit, and I. Bechmann)
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NON REFEREED PUBLICATIONS

- [1] Computergestützte Methodenkompetenzvermittlung für Studienanfänger in den wirtschaftswissenschaftlichen Studiengängen, 2021, *Tübinger Beiträge zur Hochschuldidaktik*, Band 17/1 (with T. Dimpfl)
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WORKING PAPERS

- [2] Metropolitan, urban, and rural regions – How regional differences affect elementary school students' academic achievement, well-being, and motivation, 2023, available at SSRN (with J. Schwerter, P. Doebler and N. McElvany)
  - [1] From orders to prices: A stochastic description of the limit order book to forecast intraday returns, 2020, available at SSRN (with M. Bleher and T. Dimpfl)
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### AWARDS

- 2022      Doctoral Award of the University of Tübingen for the best PhD-Thesis in the Faculty of Economics and Social Sciences
- 2021      Wolfram Award for the Best Student Poster at the Entropy 2021 Conference
- 2019      Teaching Award of the University of Tübingen (with Prof. Dr. Thomas Dimpfl and Prof. Dr. Joachim Grammig)
- 2019      WiWi Impuls - Award presented by the student body of the School of Economics and Business Administration of the University of Tübingen (with Prof. Dr. Thomas Dimpfl and Prof. Dr. Joachim Grammig)
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### INVITED TALKS

- 05/2017      Econometrics Colloquium, Konstanz, Germany
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### CONFERENCE PRESENTATIONS

- 05/2022      Intrinsic Time Conference, Konstanz, Germany
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### REFEREE

Emerging Markets Finance and Trade, Research in International Business and Finance, Journal of Behavioral and Experimental Finance

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### COMPUTER SKILLS

SAS, R, Python, Matlab, Gauss, Eviews, Stata, LaTeX, Shell and Batch programming (Linux and Windows), Docker, Kubernetes, Java, C++, VBA, JavaScript, XHTML/CSS, SQL, MS Office and Access, GIMP, KDElive, ffmpeg, sox, NGINX (Reverse Proxy), Gitlab (hosting), Jupyterhub (hosting), Openstack (incl. heat templates), Shibboleth, YAML, Arduino C

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### LANGUAGE SKILLS

- German      –      native
- English     –      fluent
- French      –      very good command
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## TEACHING

### University of Hohenheim

Introduction to Data Science with R and RStudio (ST23)

Tools for AI and Data Science: An Introduction to R, Python and SQL (WT22/23)

### University of Tübingen

Mathematical Preparatory Course (WT17/18, WT18/19, WT19/20)

Practical Course for Financial Economics with SAS (WT17/18, WT19/20)

Practical Course for Financial Market Microstructure with SAS (ST15, ST16, ST17, ST19)

Using SAS in Financial Research (WT16/17)

Bachelor and Master Seminar on Empirical Economics (WT16/17, ST17, WT17/18, ST18, WT18/19, ST19 )

Tutorial for Explorative Data Analysis (WT14/15)

Computer Based Statistical Analysis (ST11)

Microsoft Excel Course (ST09 WT10/11)

Microsoft Word Course (ST10 ST11)

Microsoft Powerpoint Course (ST09 ST11)

Microsoft Office Basics (ST09 WT10/11)

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April 18, 2023