JOSCHA KRUG

Education 2021 -Centre for Doctoral Studies in Economics, University of Mannheim, Germany *Economics (PhD)* — fourth-year PhD student GPA from course phase (2021-2023): 1.1 Focus: Environmental Economics, Econometrics, Public Economics Supervisors: Prof. Ulrich Wagner, PhD, and Prof. Kathrine von Graevenitz, PhD 2018 - 2019London School of Economics and Political Science (LSE), UK Economics (MSc), with Distinction Graduated top of my class (grade average: 79) Winner of the John Hicks Prize for Outstanding Performance in MSc Economics **Elective module: Public Economics** 2016 Higher School of Economics (HSE), Moscow, Russia Exchange student — exchange stay for fall term of 2016 Eberhard Karls University of Tübingen, Germany 2013 - 2018 International Economics (BSc) — graduated in July 2017 ~ Final grade: 1.1 Sociology (BA) — graduated in June 2018 ~ Final grade: 1.1 Karlsruher Institut für Technologie (KIT), Germany 2010 - 2011Lectures 'Fundamentals of Computer Science' and 'Algorithms and Data Structures' parallel to final two years of high school Professional experience 2022 -Researcher. Leibniz-Centre for European Economic Research (ZEW), Mannheim, Germany ~ Part of the Research Unit for Environmental and Climate Economics ~ Work on industrial decarbonisation, in particular using large-scale German administrative firm data 2019 - 2021**Economic Analyst. Frontier Economics, Cologne, Germany** ~ Worked on a variety of projects in energy and competition economics, including projects on decarbonisation policy and energy market regulation and two highprofile merger and cartel damage cases ~ Provided quantitative analyses, co-authored reports, prepared and delivered client presentations of results ~ Promoted adoption of modern data science methods as part of data science remit 2017 Research Intern. ifo Institute, Munich, Germany ~ Assembled and analysed data on election results and socioeconomic characteristics of German counties to identify determinants of right-wing electoral success ~ Analysed data from a survey of 3,000 teachers on educational policy for the 'ifo Educational Barometer' 2016 - 2018 Student Research Assistant. Weltethos-Institut, Tübingen, Germany 2015 - 2018 Teaching Assistant. University of Tübingen, Germany ~ Taught weekly seminars on introductory statistics for a total of four semesters

Scholarships and awards

2019 **London School of Economics**Winner of the John Hicks Prize for Outstanding Performance in MSc Economics

2018	German Academic Exchange Service (DAAD) Graduate scholarship for Master's studies at LSE, endowed with ~ € 15,000
2017	University of Tübingen / Ernst & Young Foundation Prize for the third best degree of the economics and business administration graduation cohort
2015	University of Tübingen / MLP Financial Services First prize for outstanding performances in economics exams
2013 - 2019	Studienstiftung des deutschen Volkes Scholarship by the Studienstiftung des deutschen Volkes (German Academic Scholarship Foundation), endowed with a total of ~ € 30,000

Languages

Native speaker
Expert user (C2)
Good user (B2)
Good user (B2)
Medium to good user (B1/B2)

Further skills

IT skills

- $\sim \,$ Advanced knowledge of scientific and statistical programming in Julia, R and Stata; solid working knowledge in Python
- ~ Large body of experience with Microsoft Office
- ~ Basic skills in several general-purpose programming languages (mainly C/C++ and Java)

Research and publications

Working papers	Mobilising credit for clean energy: Credit subsidies vs direct loan provision. CESifo Working Paper No. 11118 (2024). With Paul Waidelich and Bjarne Steffen. R&R at the Journal of Environmental Economics and Management
Work in progress	Rising Energy Prices Without Falling Consumption? The Role of Energy Price Dispersion in a Multi-Product World. With Kathrine von Graevenitz and Elisa Rottner.
	The role of firm-level investments for energy use and emissions. Early-stage research project, prospective job market paper.