

Michael C. Knaus

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Research interest Applied microeconometrics, causal inference, causal machine learning, labor economics

Education

<i>PhD in Economics and Finance</i>	09/2013 - 03/2018
University of St. Gallen, Switzerland, Supervisor: Prof. Michael Lechner	
<i>M.Sc. in Economics</i> , University of Hohenheim	10/2010 - 09/2013
<i>Exchange term</i> , University of Bologna	09/2012 - 02/2013
<i>B.Sc. in Business Administration and Economics</i> , University of Hohenheim	10/2007 - 09/2010

Professional experience

University of St. Gallen, <i>Assistant Professor of Econometrics</i>	02/2019 - present
University of St. Gallen, <i>Postdoctoral Researcher</i>	03/2018 - 01/2019
University of St. Gallen, <i>Consultant for Empirical Economic Research</i>	02/2018 - present
University of St. Gallen SEW-HSG (Prof. Michael Lechner), <i>Research Assistant</i>	09/2013 - 03/2018
German Council of Economic Experts, Wiesbaden, <i>Intern</i>	07/2012 - 09/2012
ifo Institute, Department for International Trade, Munich, <i>Intern</i>	05/2012 - 06/2012
Chair for Statistics and Econometrics, <i>Student Assistant</i> University of Hohenheim	2011 - 2013

Other Affiliations IZA, *Research Affiliate* 07/2017 - present

Publications "Work Hour Mismatch and Job Mobility: Adjustment Channels and Resolution Rates", with Steffen Otterbach, *Economic Inquiry*, 57(1), 227-242, 2019

Working papers "Heterogeneous Employment Effects of Job Search Programmes: A Machine Learning Approach", with Michael Lechner and Anthony Strittmatter, *R&R Journal of Human Resources*

"Machine Learning Estimation of Heterogeneous Causal Effects: Empirical Monte Carlo Evidence", with Michael Lechner and Anthony Strittmatter

"Predicting Match Outcomes in Football by an Ordered Forest Estimator", with Daniel Goller, Michael Lechner and Gabriel Okasa

"A Double Machine Learning Approach to Estimate the Effects of Musical Practice on Student's Skills"

"For Better or Worse? - The Effects of Physical Education on Child Development", with Michael Lechner and Anne K. Reimers

Conferences and invited seminars	European Meeting of the Econometric Society (Manchester)	2019
	IAAE Annual Conference (Nicosia)	
	BGSE Sommer Forum "Machine Learning for Economics" (Barcelona)	
	European Causal Inference Meeting (Bremen)	
	Ski and Labor (Engelberg)	
	Statistical Week (Linz)	2018
	Machine Learning in Economics and Econometrics (Munich)	
	European Causal Inference Meeting (Florence)	
	13th IZA Conference: Labor Market Policy Evaluation (Bonn)	2017
	EALE Conference (St. Gallen)	
Statistical Week (Rostock)		
Computational Social Science, 6th Workshop Konstanz - St. Gallen		
Essen Health Conference		
20th IZA European Summer School in Labor Economics (Buch am Ammersee)		
Ski and Labor (St. Anton)	2016	
European Society for Population Economics (Izmir)	2015	
Refereeing Activities	Journal of Human Resources, Journal of Labor Economics, Econometrics and Statistics, Empirical Economics, Journal of Applied Statistics, Oxford Bulletin of Economics and Statistics, German Economic Review, Industrial Relations, IZA Journal of Labor Economics, Journal of Economics And Statistics, Journal of Sports Economics, LABOUR: Review of Labour Economics and Industrial Relations, Swiss Journal of Economics and Statistics	
Teaching Experience	<i>University of St. Gallen:</i>	
	Empirische Wirtschaftsforschung (tutor)	Spring 2015 - 2017
	Microeconometrics (teaching assistant)	Spring 2015 - 2017
	Econometrics I (tutor & teaching assistant)	Fall 2015 - 2017
Honors	First price as the best graduate of the Master program "Economics" at the University of Hohenheim in the summer semester 2013	2013
	Deans list of the Faculty of Business, Economics and Social Sciences as one of the top 3 % students in the summer semester	2011 & 2013
Software	R, Stata, Gauss, Matlab, Python	
Languages	German (native), English (fluent)	

updated September, 2019