Curriculum Vitae

Personal Information

Address:	LMU Munich, Akademiestraße 1, 80799 Munich, Germany
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Education (and Relevant Coursework)

09/2019 – 12/2019	**Visiting Student Researcher**, Stanford Graduate School of Business Host: Ali Yurukoglu
10/2017 – present	**PhD Student in Economics**, LMU Munich and Evidence-Based Economics ➢ Machine Learning with Application in Economics ➢ Machine Learning Methods for Economists
09/2016 – 09/2017	**M. Res. in Economics**, University College London
09/2014 – 07/2015	**M. Sc. in Economics & Management**, London School of Economics
10/2010 – 09/2013	**B. Sc. in Economics**, LMU Munich

Research Interests

Industrial Organisation, Economics of Digitisation, Economics of Artificial Intelligence

Publications

Preserving Contestability in the Data Economy (with Monika Schnitzer, LMU Munich), *Competition Law and Policy Debate*, forthcoming

Working Papers

Price Transparency Against Market Power (with Christoph Winter, LMU Munich)

Work in Progress

Vertical Integration and Product Quality: Evidence from the Paramount Antitrust Case (with Martin Watzinger, LMU Munich)

The Effect of Horizontal Mergers on Innovation

Conference and Workshop Presentations

2019	12th Doctoral Conference Ruhr Graduate School of Economics, MaCCI Annual Conference, CEPR Applied IO (scheduled), EARIE (scheduled)
2018	29th Jerusalem School in Economic Theory (poster)

Teaching

WT 18/19	Tutorial, B.Sc. Microeconomics of the Knowledge Economy, LMU Munich
WT 17/18 WT 18/19	Tutorial, B.Sc. Microeconomics I, LMU Munich

Work Experience

10/2017 – 04/2019	Research Assistant, Expert Commission on Research & Innovation to the German Government
09/2015 – 08/2016	Senior Analyst, Compass Lexecon, Brussels

Miscellanea

Languages	German, English and French
EDP	Stata, Matlab, Python, Latex and MS-Office

Felix Montag

Motivation

My primary research interests lie in the areas of competition and innovation. In particular, I care about how to design policies such that new and better products are invented and sold to consumers at low prices. As a general purpose technology, artificial intelligence (AI) has an important impact on a wide range of markets and often changes how firms compete and innovate. AI will thus have a profound impact on market power and the optimal policies to keep markets competitive.

AI is strongly intertwined with the data economy, because high quality predictions rely on large amounts of up-to-date data with a high degree of variety. Hence, through the presence of feedback loops and data-driven conglomerate effects (where data collected in one market allow entering an unrelated conglomerate market), AI can result in economies of scale and scope, which have important implications for optimal policy design.

I took my first steps into this literature, by writing an article with Monika Schnitzer, in which we review the literature on competition policy in the data economy and discuss the consequences of different policy interventions, such as mandating interoperability or data access. In a next step, I want to begin an empirical project on the effect of interoperability obligations on competition and innovation and what we can learn from this for markets in which data and AI play a key role.

At the same time, I am also interested to learn more about how to use techniques from machine learning in economics. I am planning to estimate heterogeneous treatment effects using causal trees in an ongoing project when I visit Stanford GSB in Fall 2019.

I hope to attend the graduate workshop on the economics of AI, to learn more about the field and to discuss and further develop research ideas.