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I am a 2nd year PhD student at the university of Munich and Junior Economist at ifo. My fields of interest are labor economics, spatial economics, and innovation economics. I am supervised by Oliver Falck. I did my Bachelor in Economics and Business Administration at the University of Mainz from 2015 until 2018 and my Master in Economics at the LMU Munich from 2018 until 2021, followed now by my PhD studies at the LMU Munich as well since August 2021.

My research focuses on innovation economics, urban economics and the economics of digitization; it combines questions and methods from applied microeconomics, political science, information systems (IS), and management.

The productivity of workers is a result of many factors. The private social network affects the activity of a worker, but also the larger network as her work or cultural surrounding. All of these play an important role on how productive, and more importantly, how innovative a worker is. Especially high skilled workers are the driving force for innovation and thereby developing the technologies for digitalization. My focus lies mostly on open source software activity as it was found to positively impact local firm productivity (Nagle, 2019) and entrepreneurship (Wright et al., 2020), thus their activity is productive and innovative output for the economy.

With my research I first of all want to understand the factors leading to a higher productivity, to then derive implications to improve these factors, such that I can find ways for the society to benefit from the productivity increases.

Thinking outside the box of economics is a necessary prerequisite to achieve these goals. My research on worker productivity and networks applies identification strategies from economics to answer questions at the intersection of economics and political science. In a joint project using open and big data with several millions of observations on open-source software activity, we study how physical proximity, and thus, the local network, matters for the productivity of software developers. Related to that, in another work, again using big data, co-authors and I study the importance of the size of a worker's network for her productivity. Moving to productivity effects due to outside changes, in a regression discontinuity design we analyze how a rule change on the video platform Youtube affects the output of creators on the platform. Lastly, contributing to the large literature on the importance of peers on one's productivity, I study how the leaving of high-quality OSS contributors from a project affects the remaining users in the project again using several millions of observations.