

MARIUS FABER

University of Basel
Faculty of Business and Economics
Peter Merian-Weg 6
4002 Basel, Switzerland

Phone: +41 79 905 91 76
Email: marius.faber@unibas.ch
<https://sites.google.com/view/mariusfaber>
Citizenship: Germany

EDUCATION

- 2016–21 (exp.) PhD Program Applied Economics, **University of Basel**, Switzerland
Advisors: Kurt Schmidheiny (Basel), David Autor (MIT)
- 2018 Visiting PhD Student, **MIT**, Cambridge, USA
- 2016–17 Program for Beginning Doctoral Students in Economics, **SZ Gerzensee**, Switzerland
- 2014–16 Master of Arts in Economics, **University of Zurich**, Switzerland, *summa cum laude*
- 2010 Year abroad, **Columbia University**, New York, USA
- 2008–12 Bachelor of Arts in Economics, **University of Zurich**, Switzerland, *magna cum laude*

RESEARCH INTERESTS

Labor Economics, Trade and Development, Technological Change and Innovation

PUBLICATIONS

Robots and Reshoring: Evidence from Mexican Labor Markets (Job market paper)
Journal of International Economics, 2020, Volume 127, 103384

Best Paper Award at Spring Meeting of Young Economists (SMYE) 2019

Abstract: Robots in advanced economies have the potential to reduce employment in offshoring countries by making offshoring relatively less attractive. I analyze the impact of robots on employment in an offshoring country, using data from Mexican local labor markets between 1990 and 2015. I show that industrial robots in the US cause economically significant employment reductions in Mexico. These employment effects are mirrored in similarly sized reductions in exports, consistent with reshoring, the reverse of offshoring, as a mechanism.

A Lockdown Index to Assess the Economic Impact of the Coronavirus
with Andrea Ghisletta (Basel) and Kurt Schmidheiny (Basel)

Swiss Journal of Economics and Statistics, 2020, Volume 156, 11

Abstract: In this paper, we aimed to shed light on the heterogeneous impact of the coronavirus on the Swiss labor market in real time. For this, we developed a metric named *lockdown index*, which measures a group's initial exposure to the coronavirus restrictions. We find that higher income groups are less affected, that age groups are similarly affected except for 20–24 years old who are substantially more affected, and that there only small differences between men and women and between urban and rural regions. Moreover, we show that the lockdown index alone is able to explain up to 58% of the increase in short-time work across industries.

WORKING PAPERS

The Impact of Technology and Trade on Migration: Evidence from the US

with Andres Sarto (New York University) and Marco Tabellini (Harvard Business School)

Abstract: Migration has long been considered one of the key mechanisms through which labor markets adjust to economic shocks. In this paper, we analyze the migration response of American workers to two of the most important shocks that have hit Western economies since the late 1990s – import competition from China and the introduction of industrial robots. We first show that, on average, robots caused a sizable reduction in population size, whereas trade with China did not. In the second part of the paper, we explore the mechanisms behind these results. We show that the two labor market shocks differ in their propagation across industries within local labor markets: while robots caused negative spillovers to service industries, Chinese imports, if anything, favored employment growth outside of manufacturing. We provide suggestive evidence that these propagation patterns are responsible for the differential migration response.

CONFERENCE PRESENTATIONS

2021	ASSA Virtual Congress (poster session)
2020	Urban Economics Association Virtual EEA Virtual Congress Econometric Society Virtual World Congress Swiss Society of Economics and Statistics, Zurich, Switzerland (postponed)
2019	Urban Economics Association Summer School, London, United Kingdom EEA Annual Congress, Manchester, United Kingdom Spring Meeting of Young Economists (SMYE), Brussels, Belgium
2018	Doctoral Workshop on The Economics of Digitization, Paris, France

TEACHING ASSISTANCE

2019–20	Fundamentals of Econometric Theory (Master), Basel
2018–20	Econometrics (Master), Basel
2016–18	Applied Econometrics (Bachelor), Basel

OTHER PROFESSIONAL ACTIVITIES

Refereeing	American Economic Review: Insights, <i>Economica</i> , Journal of International Economics, Review of Economic Studies, Review of Economics and Statistics, The Economic Journal
Organizational	Chair of the Program Committee of the SMYE 2020, Bologna, Italy Member of the Program Committee of the SMYE 2021, Bologna, Italy Member of the Board, European Association of Young Economists

AWARDS & GRANTS

2019	Best Paper Award at the Spring Meeting of Young Economists
2016–17	Study Grant of the Faculty of Business and Economics at the University of Basel

PROFESSIONAL EXPERIENCE

2013–14 Analyst at **McKinsey & Company**, Zurich, Switzerland
2012 Intern at **McKinsey & Company**, Zurich, Switzerland
2010 Intern at **ifo Institute for Economic Research**, Munich, Germany

LANGUAGES & IT SKILLS

Languages German (fluent), English (fluent), Mandarin (basic)

IT STATA, R, Latex

Basel, January 26, 2021