

# Curriculum Vitae

## PERSONAL INFORMATION

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Personal Data	Sandro Heiniger Birth date: 30 December 1990 Nationality: Swiss Civil status: Single
Work Address	Swiss Institute for Empirical Economic Research University of St.Gallen Varnbühlstrasse 14 9000 St.Gallen Switzerland Email: <a href="mailto:sandro.heiniger@unisg.ch">sandro.heiniger@unisg.ch</a> Google Scholar: <a href="https://scholar.google.ch/citations?hl=de&amp;user=IrGZRuUAAAAJ">scholar.google.ch/citations?hl=de&amp;user=IrGZRuUAAAAJ</a> Website: <a href="https://heinigersandro.github.io">heinigersandro.github.io</a> LinkedIn: <a href="https://linkedin.com/in/sandro-heiniger-b53718269/">linkedin.com/in/sandro-heiniger-b53718269/</a>
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## EDUCATION

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02/2019 – ongoing	<b>Ph.D. candidate, Graduate Program in Economics and Finance - Specialization in 'Econometrics'</b> University of St.Gallen, Switzerland <b>Supervisor:</b> Prof. Dr. Michael Lechner
09/2016 – 01/2018	<b>M.Sc., Statistics</b> University of Neuchâtel, Switzerland <b>Grade average:</b> 5.97 <b>Thesis:</b> Judging the Judges: A General Framework for Evaluating the Performance of International Sports Judges. <b>Supervisor:</b> Dr. Hugues Mercier
02/2012 – 08/2013 and 09/2008 – 08/2010	<b>B.Sc., Computational Science and Engineering</b> ETH Zurich, Switzerland <b>Grade average:</b> 4.8 <b>Thesis:</b> A module to generate a population-wide social network for agent-based models. <b>Supervisor:</b> Prof. Dr. Kay Axhausen
09/2007 – 08/2008	<b>Assessment year, Computer Science</b> ETH Zurich, Switzerland <b>Grade average:</b> 5.2

## PROFESSIONAL EXPERIENCE

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- 02/2019 – ongoing     **Swiss Institute for Empirical Economic Research (SEW-HSG)**  
Role: Research Assistant  
Responsibilities: Collaborate on research projects; Supervision of bachelor and master thesis; Teaching and create/correcting exams;
- 02/2018 – 08/2018     **Quantum Analytics**  
Role: Data Analyst  
Responsibilities: Digitalization of BI processes; Building and operation of data warehouses;
- 05/2014 – 06/2016     **IQVIA (former IMS Health)**  
Role: Analyst  
Responsibilities: Market analysis and predictions in the pharmaceutical and health care industry; Processing and visualizing results;

## RESEARCH PROJECTS

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### Completed projects

- HEINIGER, S., AND MERCIER, H. Judging the judges: evaluating the accuracy and national bias of international gymnastics judges. *Journal of Quantitative Analysis in Sports* 17, 4 (2021), 289–305
- HEINIGER, S., KOENIGER, W., AND LECHNER, M. The heterogeneous response of real estate asset prices to a global shock. *CESifo Working paper* (2023). [ssrn.com/abstract=4363179](https://ssrn.com/abstract=4363179)
- GOLLER, D., AND HEINIGER, S. A general framework to quantify the event importance in multi-event contests. *arXiv preprint* (2022). <https://arxiv.org/abs/2207.02316>
- HEINIGER, S., AND MERCIER, H. Judging the judges: A general framework for evaluating the performance of international sports judges. *arXiv preprint* (2018). <https://arxiv.org/abs/1807.10055>

### Ongoing Research Projects

- Model selection property of the matrix completion method in causal panel data models.
- Common support violations in causal forest estimators (with M. Lechner and F. Muny).
- Identification of factors driving the prevalence of match-fixing in professional sports (with E. Brox and M. Lechner)

### Journal Reviews

- Sports Economics Review (02/2023)
- Journal of Sports Analytics (08/2021)
- Journal of Sports Analytics (06/2020)

## LANGUAGES

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German (native)  
English (fluent)  
French (proficient)

## PROGRAMMING LANGUAGES

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R (Proficient Computing and Programming)  
Python (Proficient Computing and Programming)  
C++ (Proficient Computing and Programming)  
SQL (Advanced Computing)  
SAS (Advanced Computing)

## MILITARY SERVICE

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Deputy Commander, Pz Aufkl Stabskp 11/0, First lieutenant  
Training: KS 22, Lvb Pz/Art Thun, 11/2010 – 12/2011

## REFERENCE

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**Prof. Dr. Michael Lechner** (Ph.D. supervisor)

Professor at University of St.Gallen  
Varnbuelstrasse 14, 9000 St.Gallen, Switzerland  
[michael.lechner@unisg.ch](mailto:michael.lechner@unisg.ch)

**Prof. Dr. Winfried Koeniger** (Co-author)

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Varnbuelstrasse 14, 9000 St.Gallen, Switzerland  
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**Dr. Michael Knaus** (Former Co-worker at SEW-HSG)

Assistant Professor at University of Tübingen  
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[Curriculum Vitae for the public GitHub page]

Zurich - Switzerland, March 14, 2023