

Oliver Buchholz

CONTACT INFORMATION

ADDRESS AI Research Building, Maria-von-Linden-Straße 6, 72076 Tübingen, Germany
EMAIL oliver.buchholz@uni-tuebingen.de
WEBSITE oliverbuchholz.github.io

RESEARCH INTERESTS

AOS Philosophy of Science, Philosophy of Machine Learning

EDUCATION

NOV 2020 – Present Ph. D. in PHILOSOPHY
University of Tübingen, Germany
Advisors: Wolfgang Spohn and Eric Raidl

OCT 2018 – OCT 2020 M. A. in PHILOSOPHY, final GPA: 1.0
University of Tübingen, Germany
Thesis: “Artificial Neural Networks and the Reference Class Problem”
Advisor: Alexandra Zinke

OCT 2018 – OCT 2020 M. Sc. in ECONOMICS AND FINANCE, final GPA: 1.5
University of Tübingen, Germany
Thesis: “Uncertainty and the Business Cycle”
Advisor: Thomas Dimpfl

OCT 2016 – AUG 2017 B. Sc. in MATHEMATICS (non degree-seeking)
University of Stuttgart, Germany
Undergraduate coursework in analysis, linear algebra, numerics and stochastics

OCT 2012 – JUL 2016 B. Sc. in ECONOMICS AND BUSINESS ADMINISTRATION, final GPA: 1.8
University of Hohenheim, Stuttgart, Germany
Thesis: “Forecasting Emergency Patient Arrival Counts”
Advisor: Robert Jung

AWARDS AND SCHOLARSHIPS

NOV 2012 – OCT 2020 Scholar of the German National Academic Foundation (*Studienstiftung des deutschen Volkes*)

OCT 2015 Admission to the Dean’s List of the Faculty for Economics and Social Sciences at the University of Hohenheim for grades among the best 3 % of the faculty’s students

ACADEMIC POSITIONS

NOV 2020 – Present	RESEARCH ASSISTANT, Cluster of Excellence “Machine Learning: New Perspectives for Science”, University of Tübingen
OCT 2018 – Present and OCT 2012 – AUG 2017	RESEARCH ASSISTANT, Chair of Procurement and Production, University of Hohenheim
OCT 2016 – AUG 2017	STUDENT ASSISTANT, Chair of Econometrics and Statistics, University of Hohenheim

TALKS

1. “A Falsificationist Account of Artificial Neural Networks”, CEPE/IACAP joint conference, Hamburg (virtual), July 2021*.
2. “The Deep Neural Network Approach to the Reference Class Problem”, workshop “Philosophy of Science in the Light of AI” (virtual), June 2021*.
3. “Advanced Analytics: Einflussfaktoren auf die Operationsdauer”, meeting of the working group *Health Care Management* (GOR), Aachen, February 2020.
4. “Advanced Analytics on Surgery Durations: How does the surgeon’s experience influence the surgery duration?”, ORAHS conference, Karlsruhe, July 2019*.
5. “Forecasting Emergency Department Visits Using Count Data Models”, joint conference of the working group *Health Care Management* (GOR) and of the scientific committee *Operations Research* (VHB), Stuttgart-Hohenheim, January 2017.

* conference/workshop with peer-review

ADDITIONAL SKILLS

LANGUAGES German: native speaker
 English: fluent
 French: intermediate

IT Matlab, R, SAS, SQL, Stata (alphabetical order)