

# SALZBURG MATHEMATICS COLLOQUIUM

Winter 2019/2020

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## „Targeted Machine Learning: How we can use machine learning for causal inference“

January 30, 2020

### Abstract:

Coined by Mark van der Laan and Dan Rubin in 2006, targeted learning is a general approach to learning from data that reconciles machine learning and statistical inference. It has been applied and studied in a great variety of contexts. Its analysis is framed in the theory of inference based on semiparametric models. We will illustrate how targeted learning unfolds in examples from causal analysis.

Thursday, **15:00-15:45**

Hörsaal 414, 1. Stock