

Modeling epistemics with machine learning

Monday 29 January 2024 15:05 (1 hour)

How do we model and reason with machine learning? Machine learning models typically do not build upon mechanistic assumptions. I will discuss important concepts required to gauge machine-learning model outputs, in particular controlling their uncertainty and whether they support causal reasoning. I will also discuss implicit modeling (inductive biases), contrasting tree-based models with neural networks.

Would you like to be considered for an oral presentation?

Presenter: Dr VAROQUAUX, Gael (INRIA)

Session Classification: Keynotes ML Research