



innershell

My PhD work:



Goals



Thermes



Tools



Reasonable performance with interpretability and structure-awareness

Formalizing intuitive desiderata about interpretability

Don't over-structure-it

Replace complex models with explicit optimization

Sensitivity analysis, optimal transport, submodular optimization

My PhD work: in a nutshell

Goal | Reconcile performance with interpretability and structure-awareness

Themes | Formalizing intuitive desiderata about interpretability
Don't coerce structure - model it
Replace complex models with explicit optimization

Tools | Sensitivity analysis, optimal transport, submodular optimization

