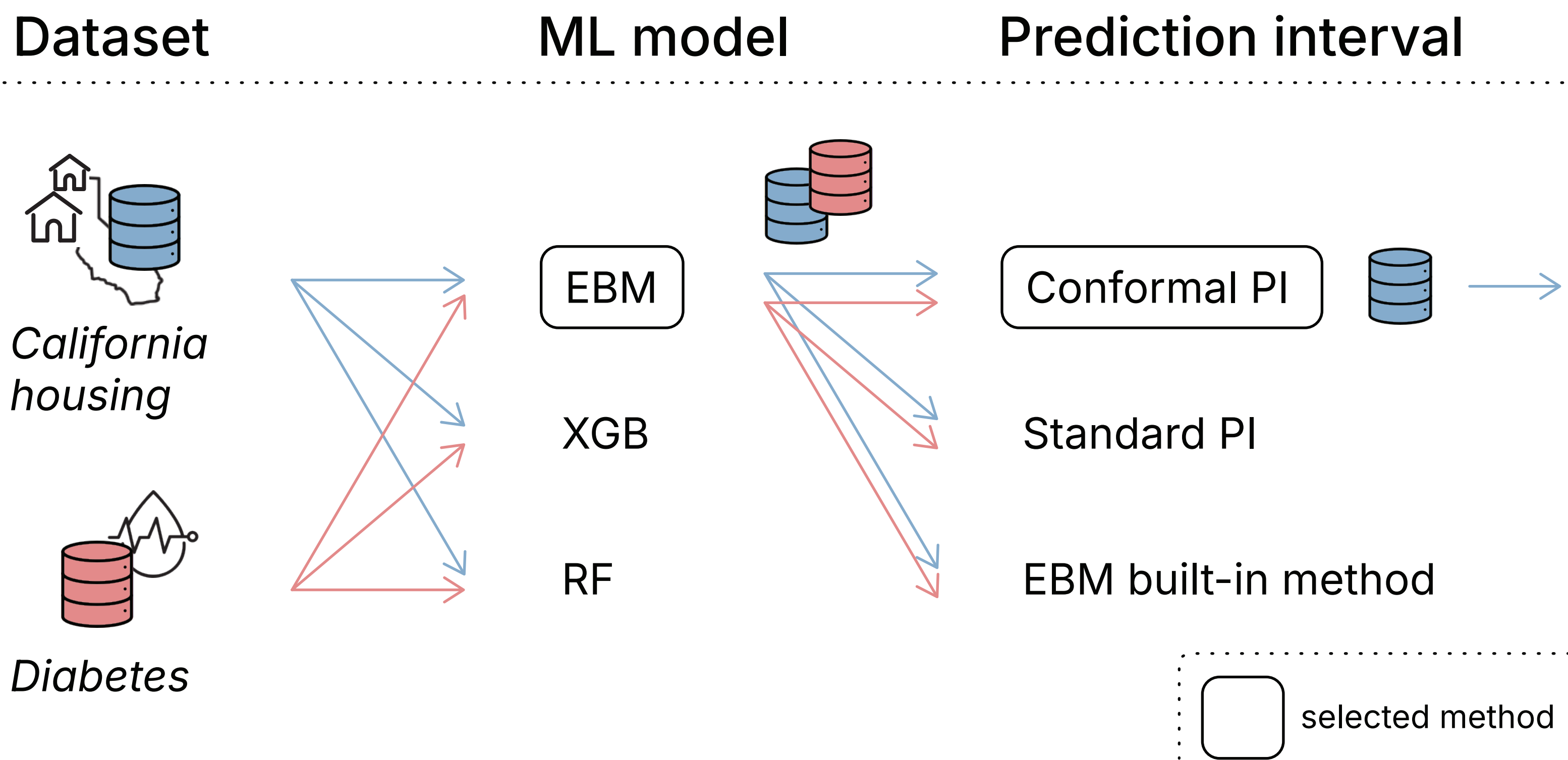


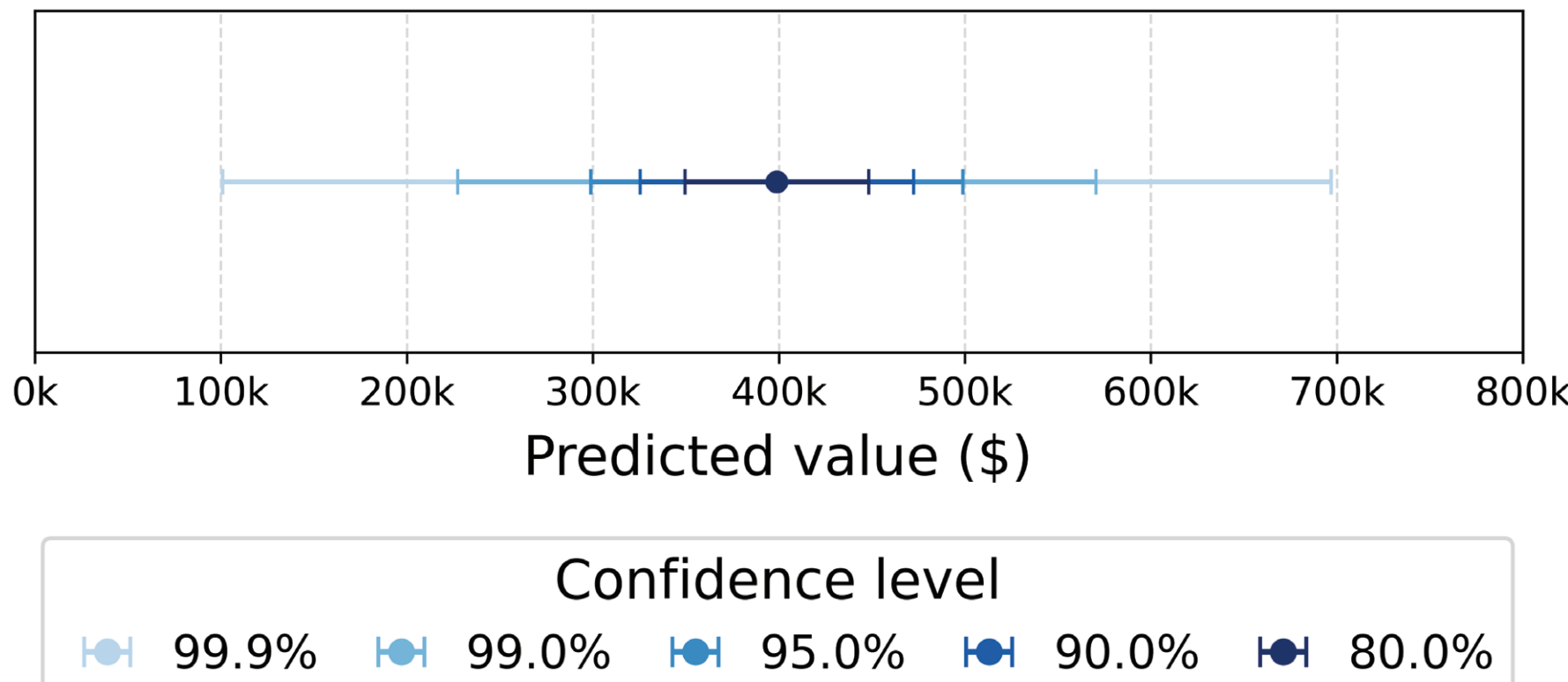
PHASE I: Uncertainty quantification

PHASE II: Uncertainty visualization

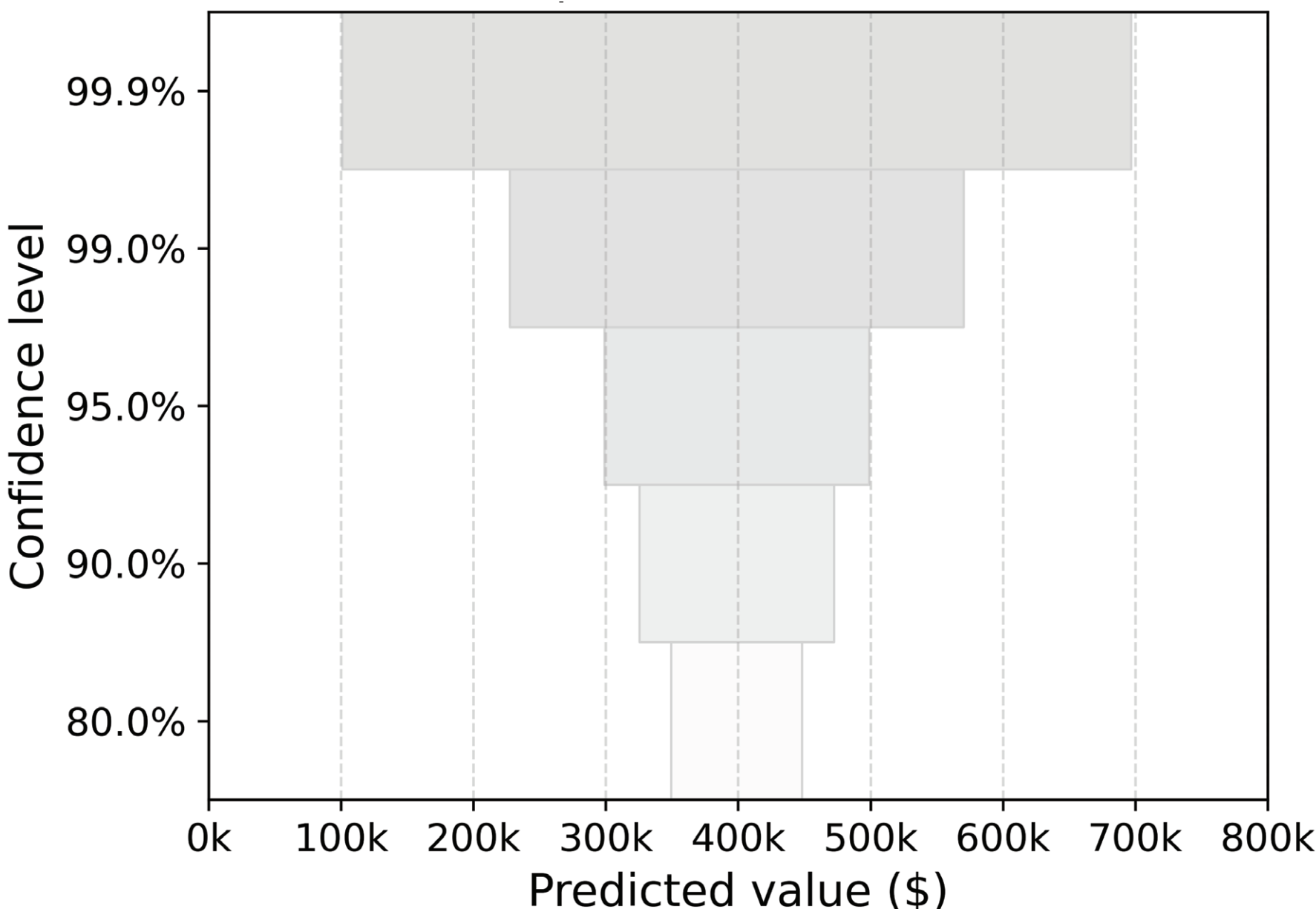
Task description



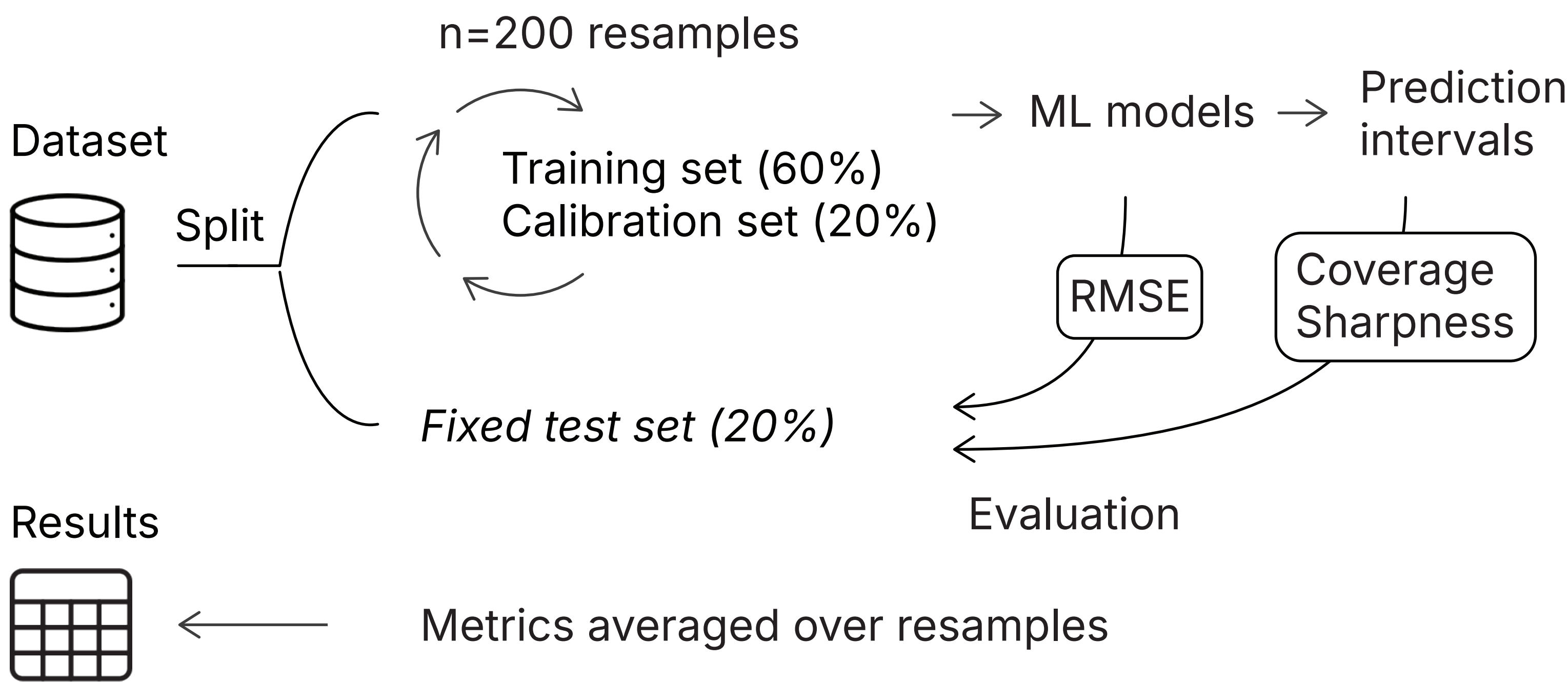
Graded error bars



Multilevel confidence bands



Monte Carlo simulations



Online experiment

1. Model fit

2. Data selection

9 houses, grouped by complexity level (~ prediction error)



Easy

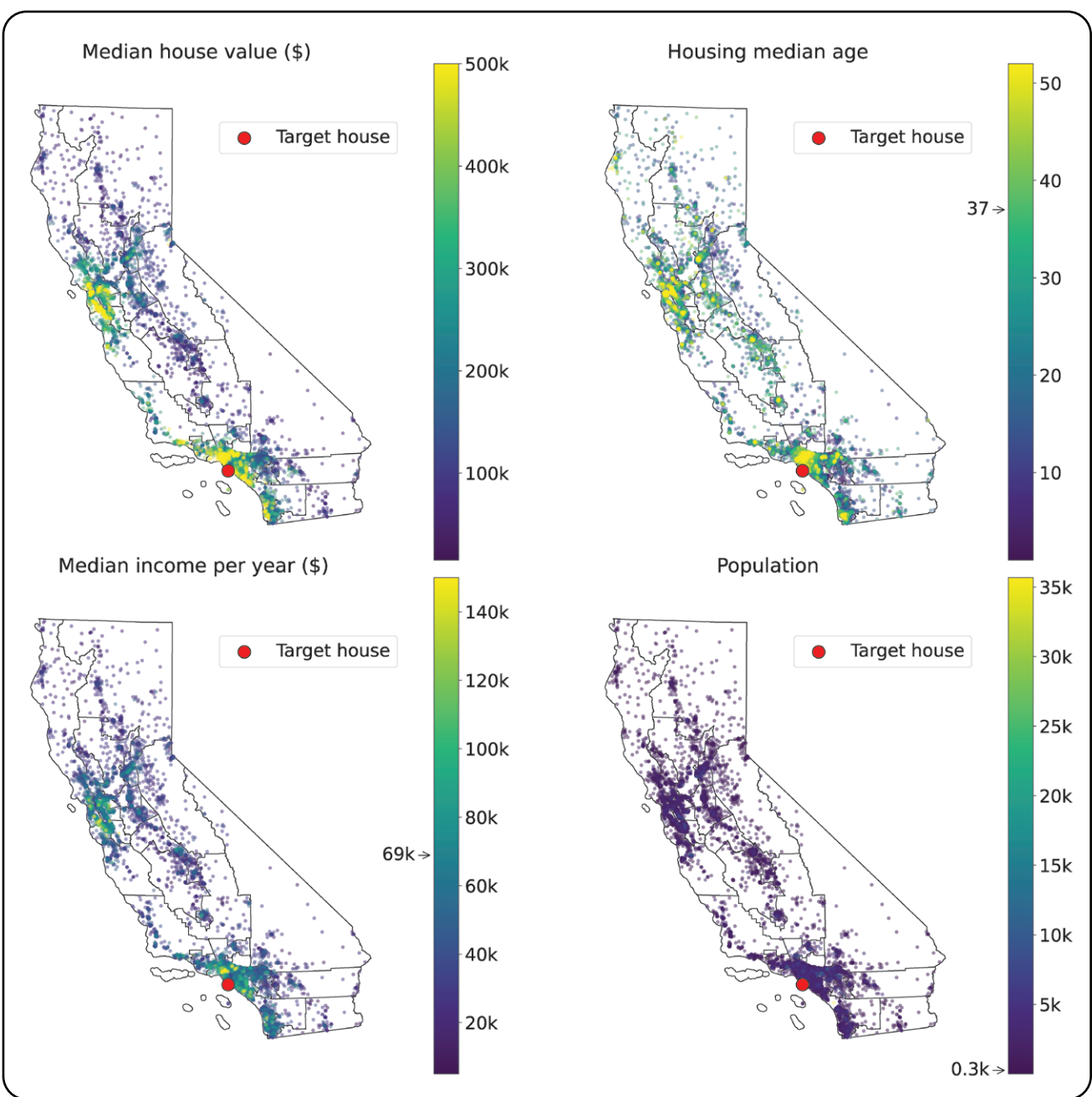


Medium



Hard

3. Survey design



4. Survey administration

- Consent form
- Randomization, training and estimation tasks on conditions:

No-AI (baseline)

Graded error bars

Multilevel confidence bands

- Post-task assessment (baseline excluded)