I. BROACH Environment / Simulator

Sampling of Weather

Trajectories (Exogenous)

Can augment with data

from the same region

II. Heat Alerts Policy Optimization and Assessment

Constrained Reinforcement Post-hoc Contrastive

Learning and Evaluation

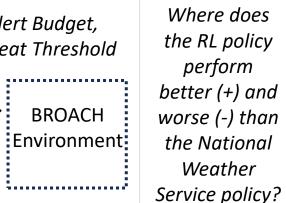
Done separately
for each county

Alert Budget,
Heat Threshold

Action

Reward, State

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Explanation Where does Considering county the RL policy characteristics perform Feature A better (+) and worse (-) than Feature B the National Weather



Model of Hospitalizations Fit on observational data System is allowed to vary by time as well as by location

Bayesian Hierarchical