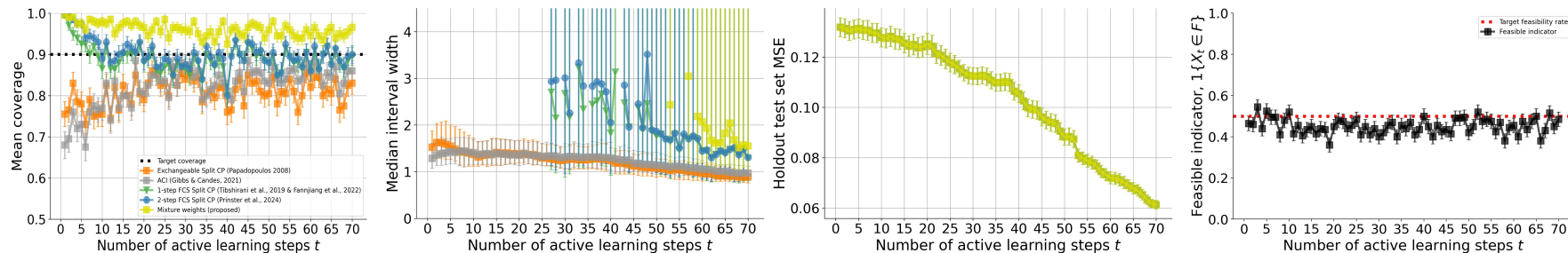


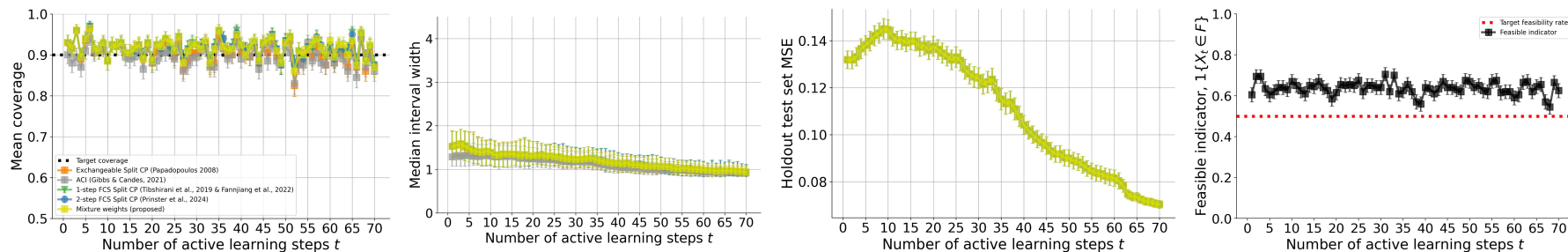
(Communities dataset)

- Target coverage
- Exchangeable Split CP (Papadopoulos 2008)
- ACI (Gibbs & Candes, 2021)
- 1-step FCS Split CP (Tibshirani et al., 2019 & Fannjiang et al., 2022)
- 3-step FCS Split CP (Prinster et al., 2024)
- Mixture weights (proposed)

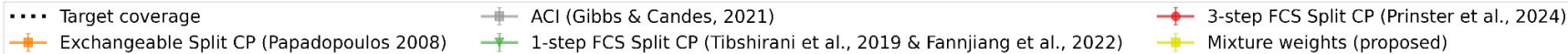
Unconstrained active learning policy



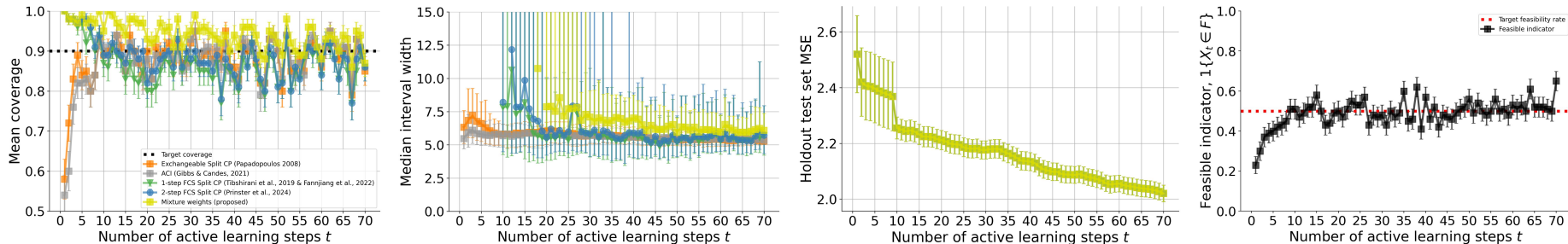
Constrained active learning policy (proposed CDT control for feasibility)



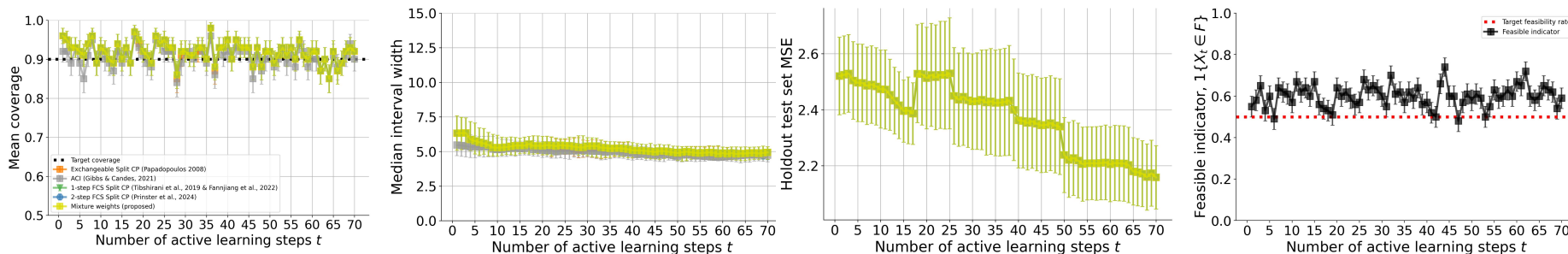
(MEPS dataset)



Unconstrained active learning policy



Constrained active learning policy (proposed CDT control for feasibility)



(Friday) June 20, 2025

Updates: Completed onboarding, ran bbo-bench baselines, reviewing CRC proofs

Discussion & questions:

- **Bbo-bench:** (a) Orienting to [W&B outputs](#); (b) How much compute to use for bbo-bench runs? Using [pCluster example here](#); (c) Is benchmark_optimizer.py mostly running [Ehrlich function paper](#), or others?; (d) Clarifying where in bbo-bench code should be implementing access to closed-form proposal distribution
- **Problem formulation question:** Clarifying expectation in constraint again
- **Conformal risk control:**