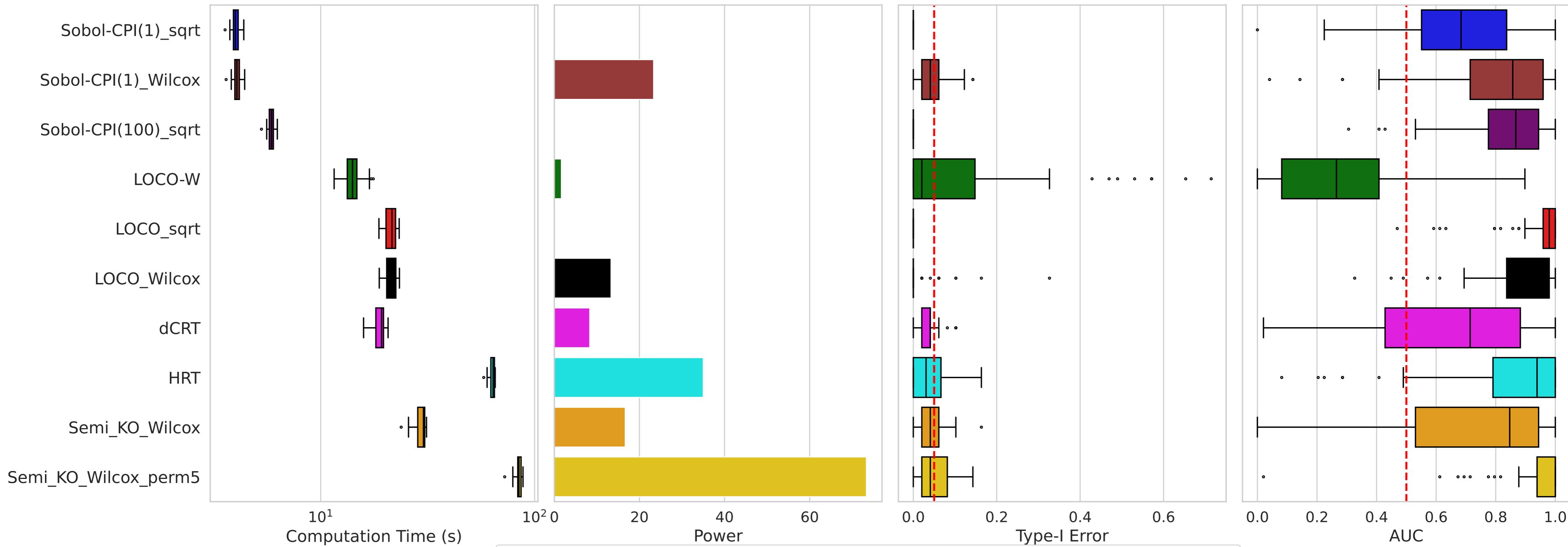Inference Results (R2 HRT=0.567, R2 Semi_KO=0.581)