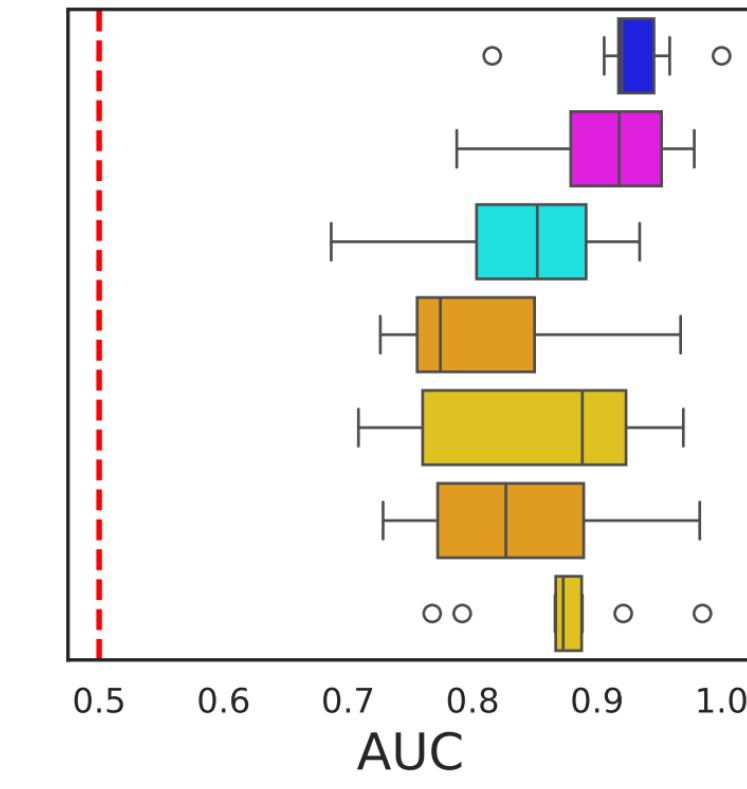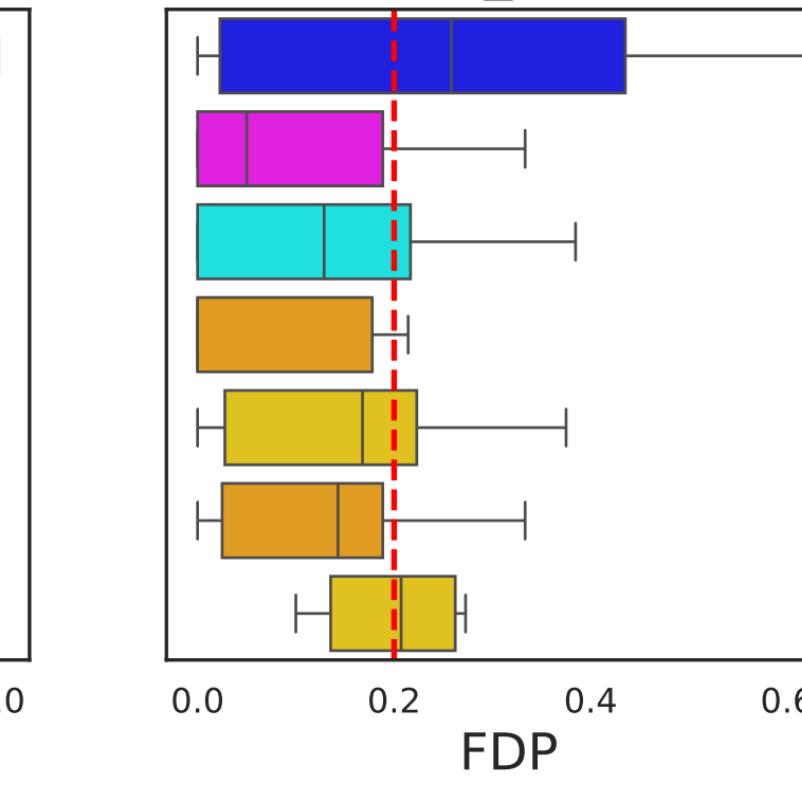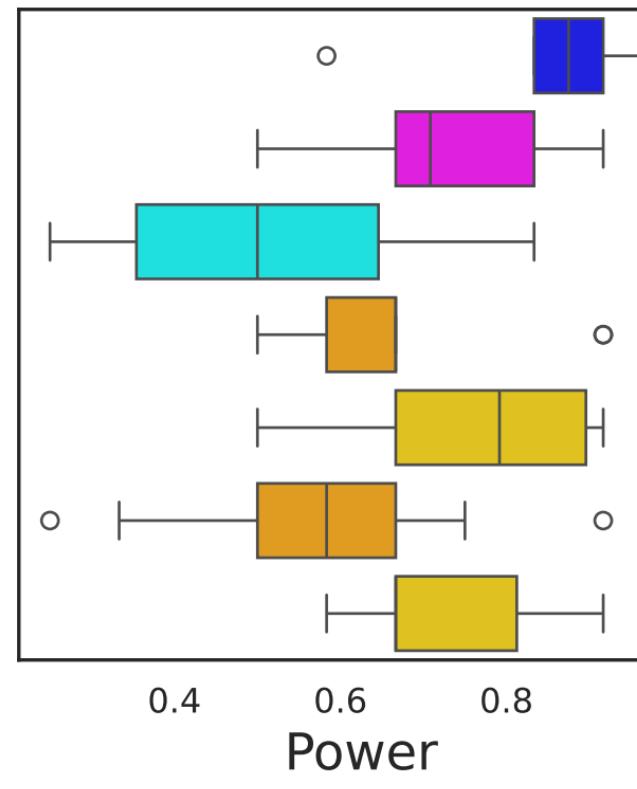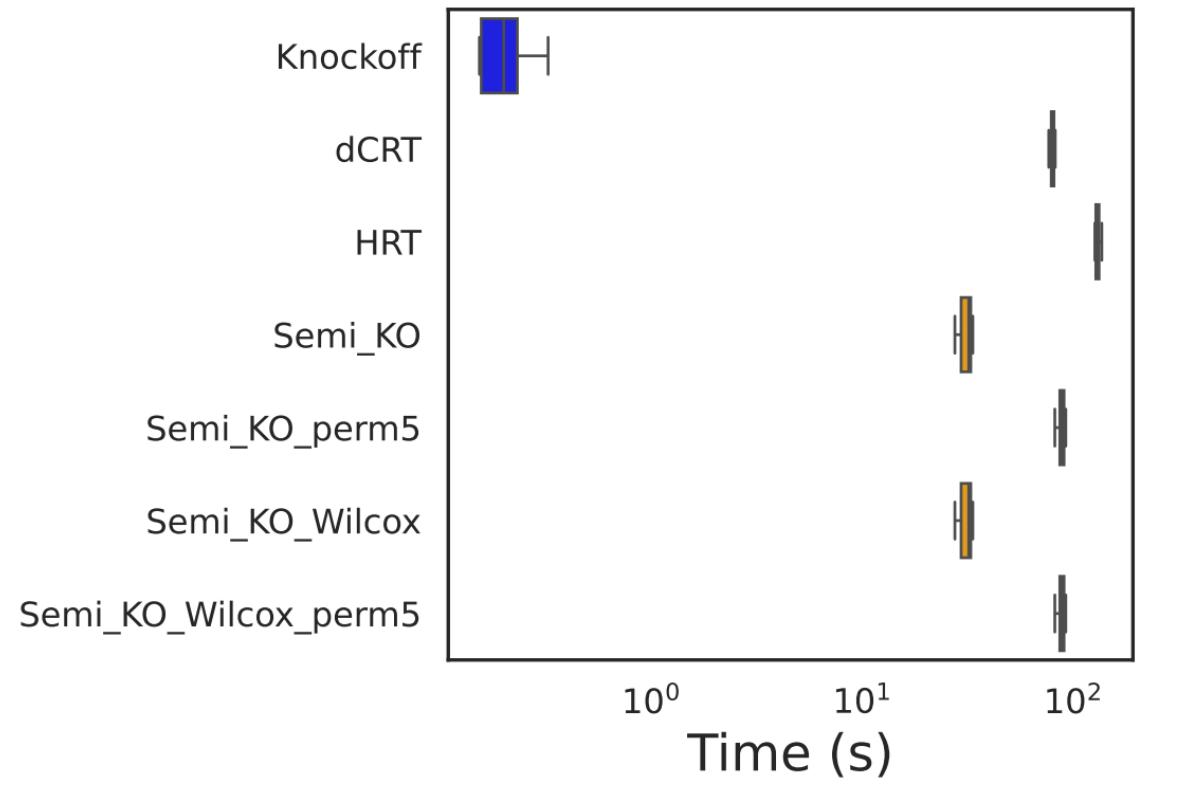Inference Results (R2 HRT=0.740, R2 Semi_KO=0.787)