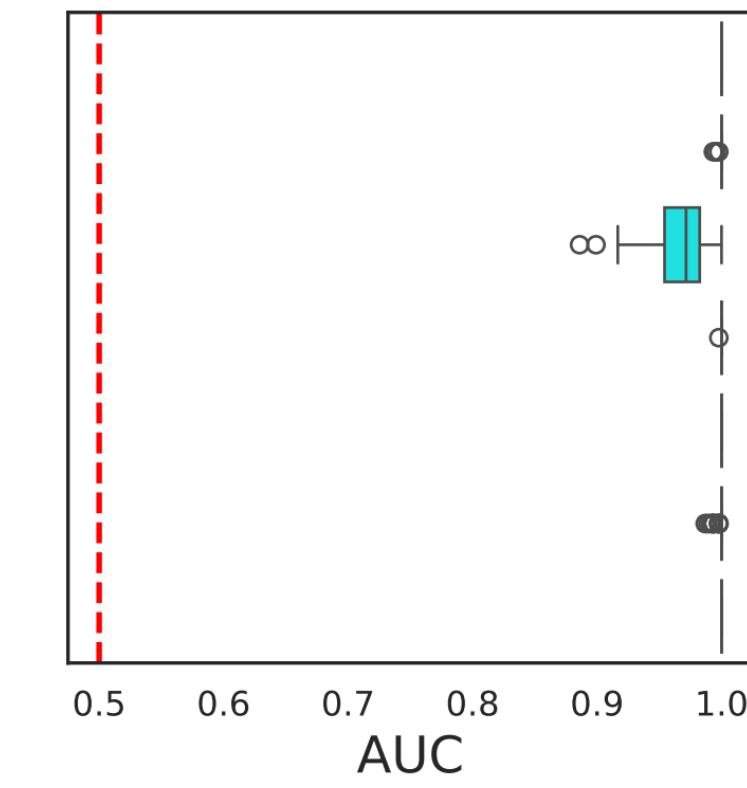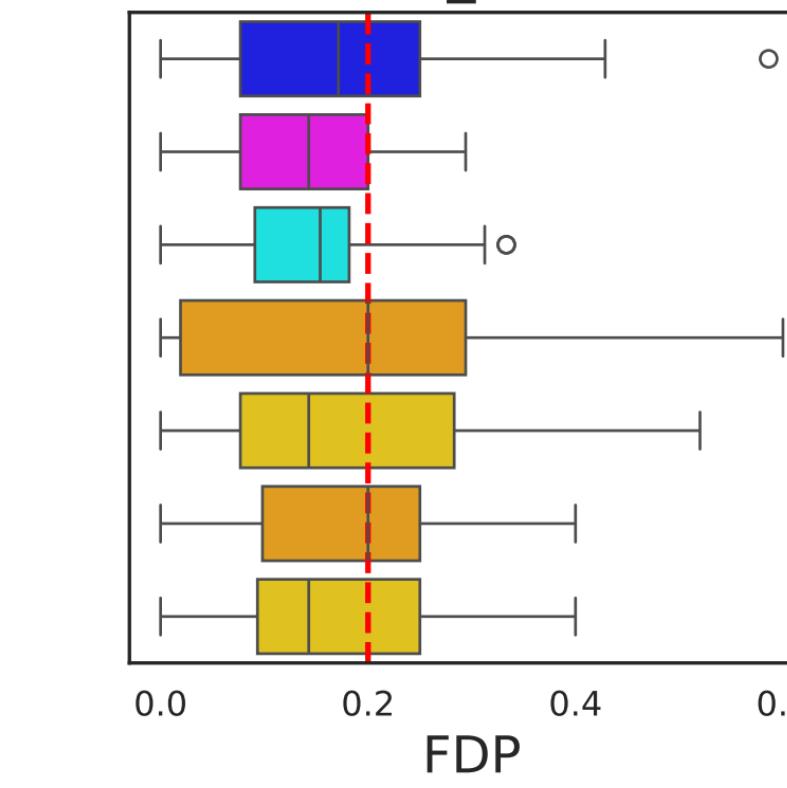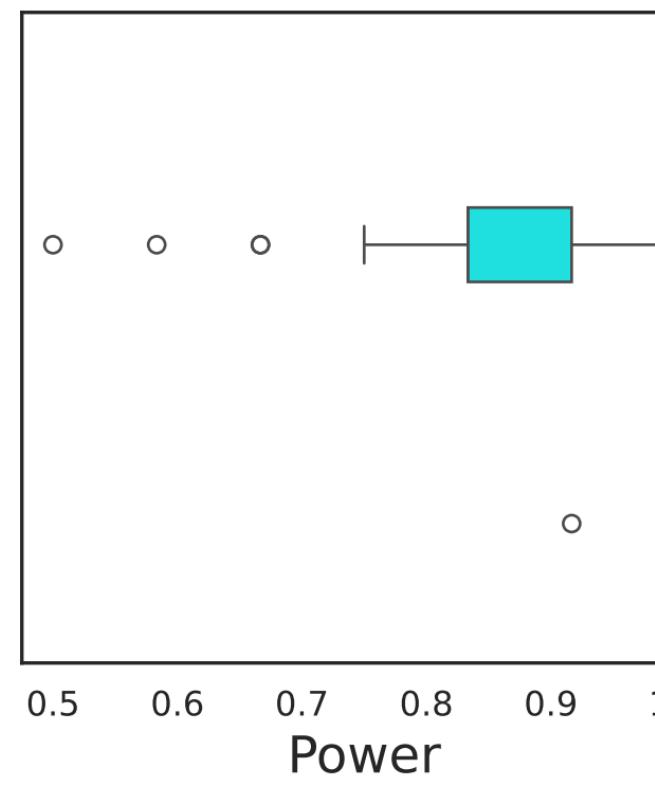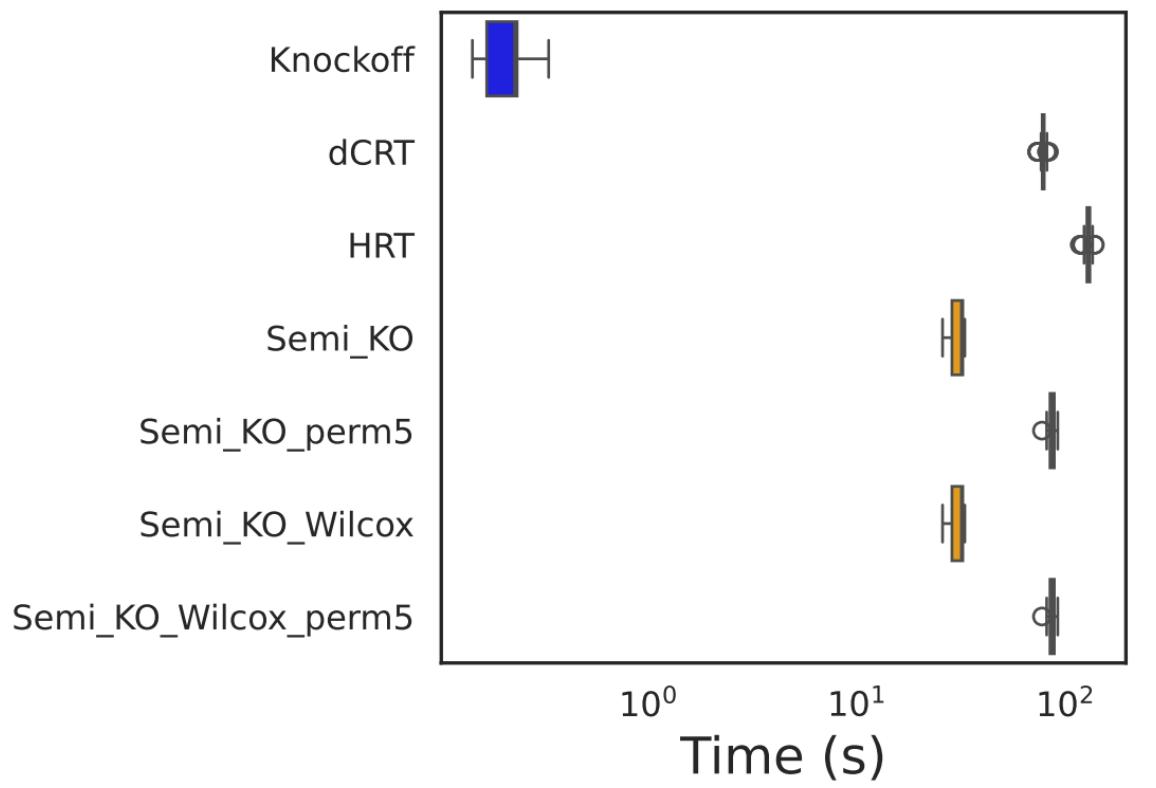Inference Results (R2 HRT=0.884, R2 Semi_KO=0.910)