Inference Results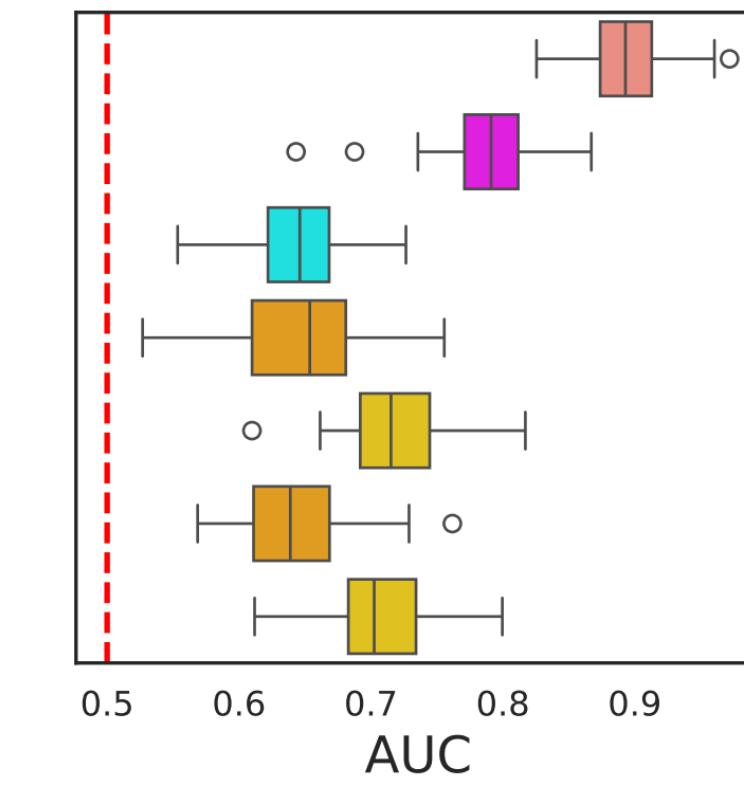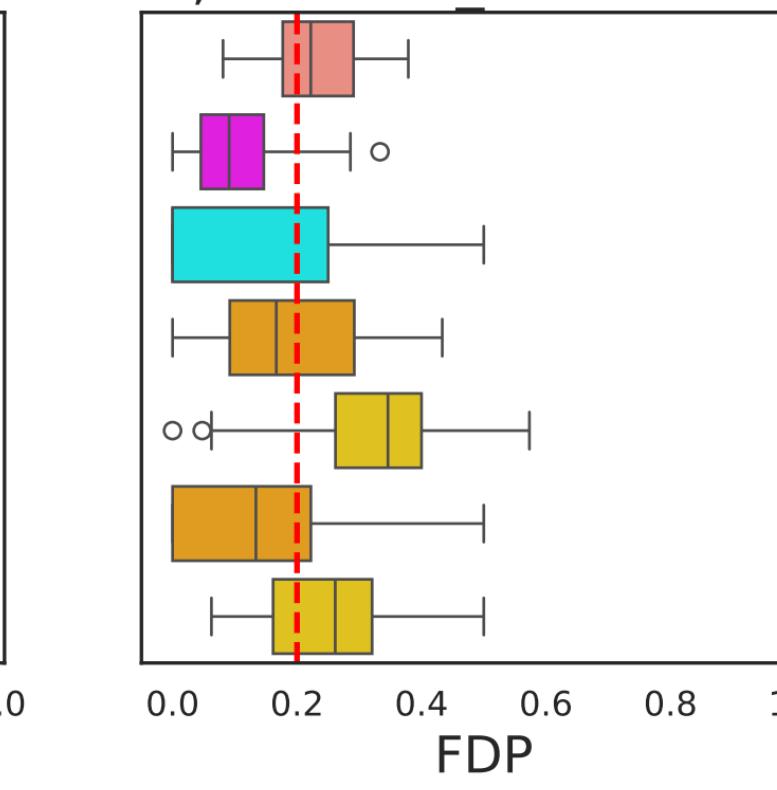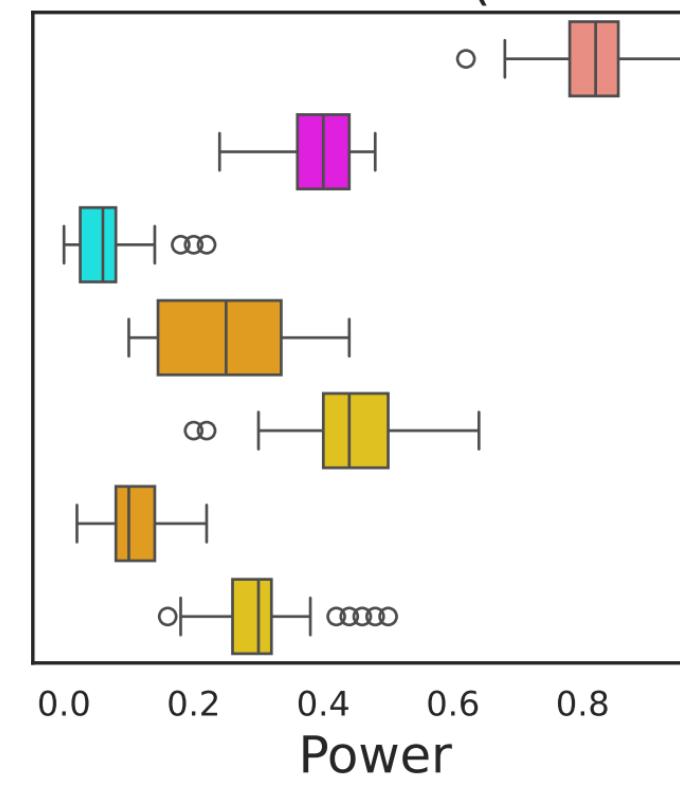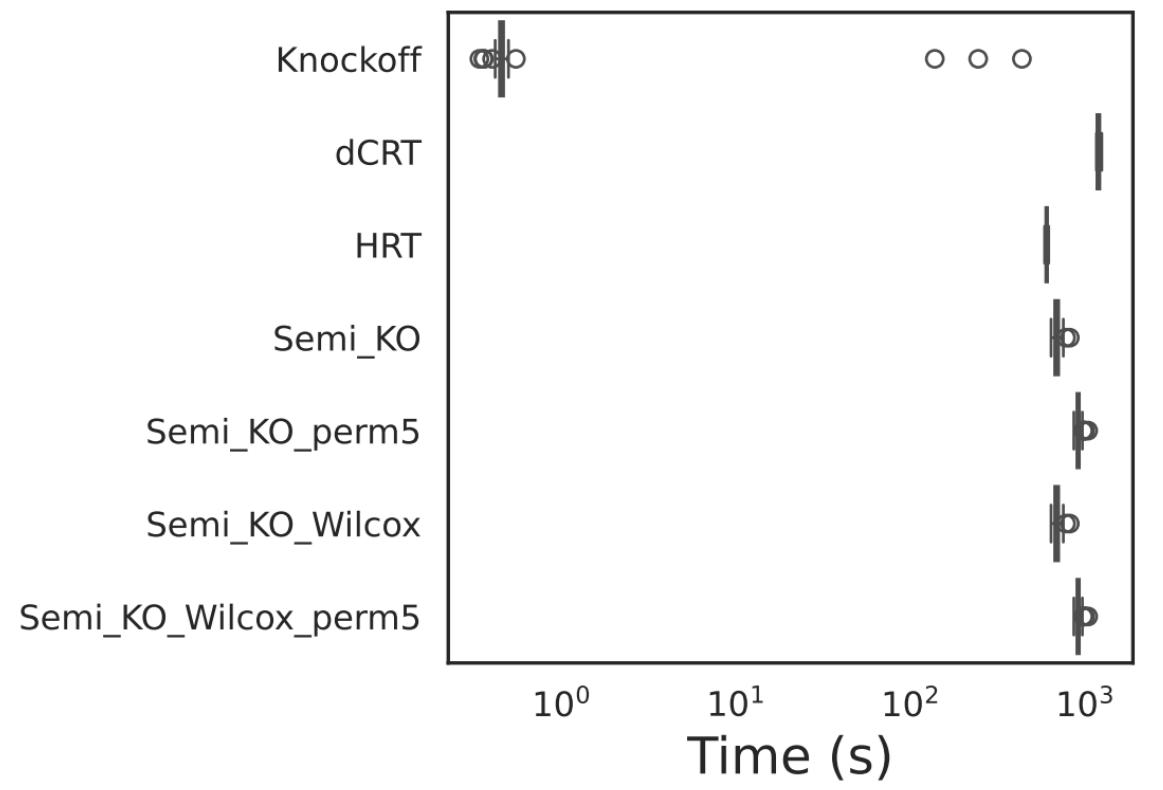 (R^2 HRT=0.431, R^2 Semi_KO=0.513)