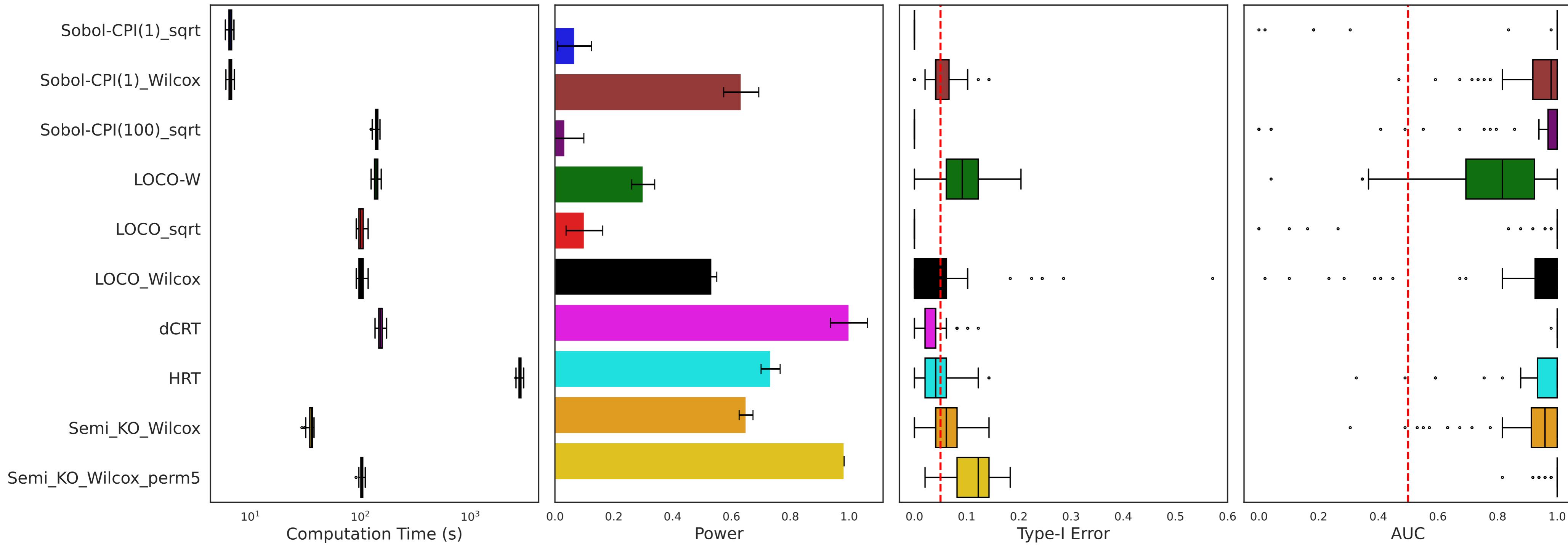Inference Results ($R^2$ HRT=0.093, $R^2$ Semi_KO=0.103)