



MSE, xi=0.1(Mis xi), interactions=TRUE, mis_Y=0, mis_PS=0, N=2000 $\pi_{as} = 0.5$ $\pi_{as} = 0.75$ \boxtimes 0.4 - π_{pro} : High 0.3 0.2 0.1 MSE 0.0 0.4 π_{pro} : Low 0.3 0.2 0.1 0.0 5 5 3 10 10 **Number of Covariates** Mahal cal Mahal PS Mahal cal: WLS Mahal: WLS PS: WLS Mahal cal: OLS DL

MSE, xi=0.2(Mis xi), interactions=TRUE, mis_Y=0, mis_PS=0, N=2000 $\pi_{as} = 0.75$ $\pi_{as} = 0.5$ 0.6 π_{pro} : High 0.4 -0.2 W2 0.0 0.6 π_{pro} : Low 0.4 0.2 0.0 5 5 10 3 10 **Number of Covariates** Mahal cal Mahal PS Mahal cal: WLS Mahal: WLS PS: WLS Mahal cal: OLS DL





