



sd, xi=0.1(Mis xi), interactions=TRUE, mis_Y=0, mis_PS=2, N=2000 $\pi_{as} = 0.5$ $\pi_{as} = 0.75$ 0.8-0.6 π_{pro} : High 0.4 XX0.2sq 0.8-0.6 π_{pro} : Low 0.4 -0.2 0.0 5 3 10 5 10 **Number of Covariates** Mahal cal Mahal PS Mahal cal: OLS Mahal: WLS PS: WLS

DL

Mahal cal: WLS

sd, xi=0.2(Mis xi), interactions=TRUE, mis_Y=0, mis_PS=2, N=2000 $\pi_{as} = 0.75$ $\pi_{\text{as}}=0.5$ 0.8-0.6 π_{pro} : High 0.4 0.2-0.0 sq 0.8-X 0.6 π_{pro} : Low 0.4-0.2 0.0 3 5 10 5 10 **Number of Covariates** Mahal cal Mahal PS Mahal cal: OLS Mahal cal: WLS Mahal: WLS PS: WLS DL





