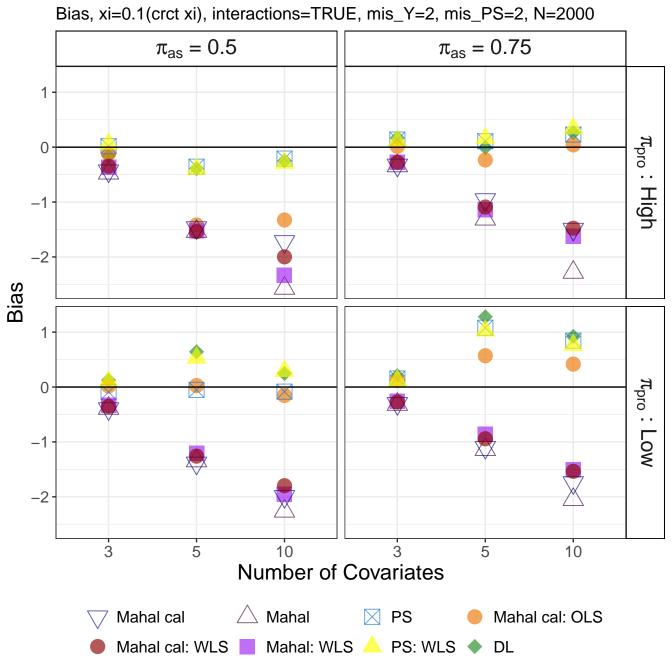
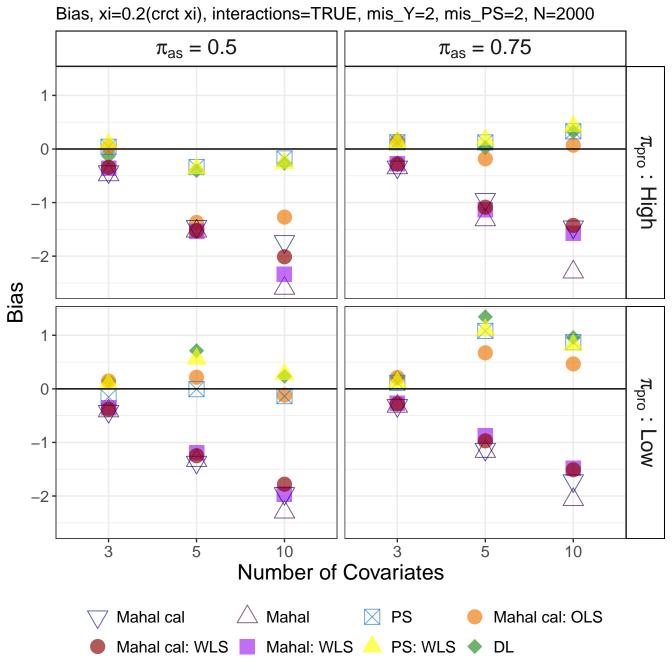
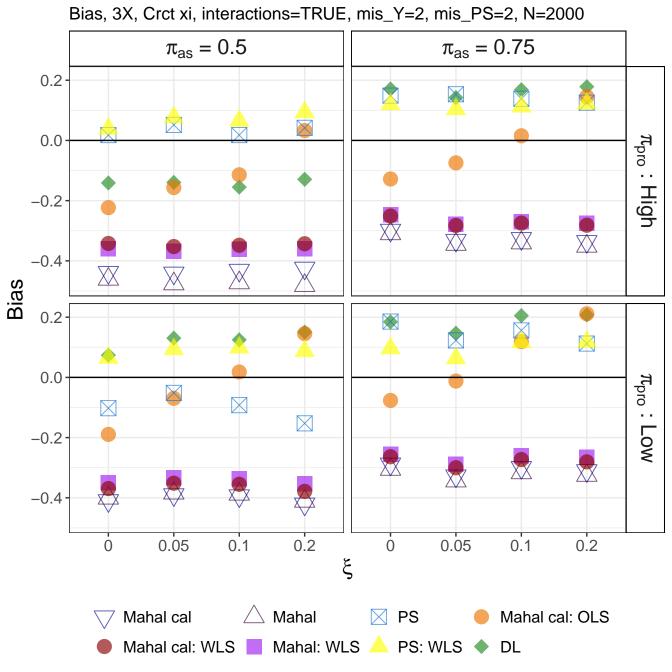
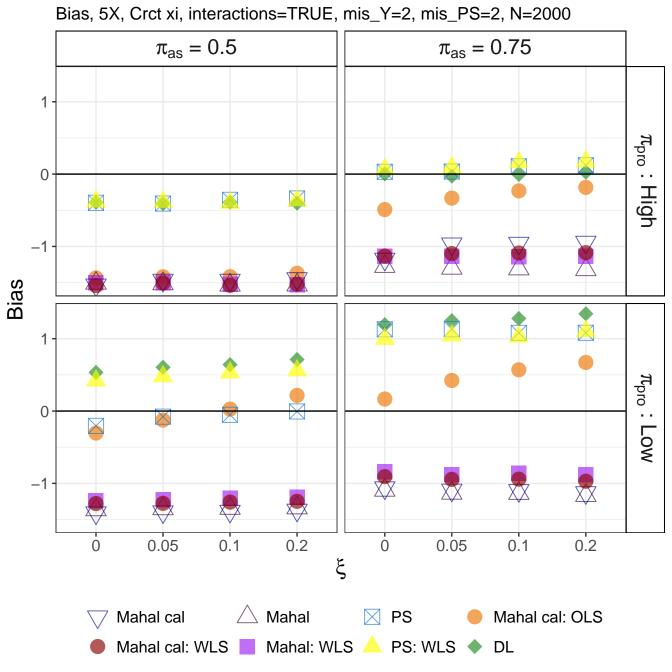
Bias, xi=0(crct xi), interactions=TRUE, mis_Y=2, mis_PS=2, N=2000 $\pi_{as} = 0.75$ $\pi_{as} = 0.5$ 1 π_{pro} : High 0 -1-2 Bias 1 0 π_{pro} : Low -1 -2 3 5 10 5 10 **Number of Covariates** Mahal cal Mahal PS Mahal cal: OLS Mahal: WLS Mahal cal: WLS PS: WLS DL

Bias, xi=0.05(crct xi), interactions=TRUE, mis_Y=2, mis_PS=2, N=2000 $\pi_{as}=0.75$ $\pi_{as} = 0.5$ 1 π_{pro} : High 0 -1-2 Bias 1 0 π_{pro} : Low -1 -2 3 5 10 5 10 **Number of Covariates** Mahal cal Mahal PS Mahal cal: OLS Mahal cal: WLS Mahal: WLS PS: WLS DL









Bias, 10X, Crct xi, interactions=TRUE, mis_Y=2, mis_PS=2, N=2000 $\pi_{as} = 0.5$ $\pi_{as}=0.75$ 1 0 π_{pro} : High -1 -2· Bias 1 0 π_{pro} : Low -1 -2 Ó 0.1 0.2 0.05 0.05 0.1 0.2 Ó ξ Mahal cal Mahal PS Mahal cal: OLS Mahal cal: WLS Mahal: WLS PS: WLS DL