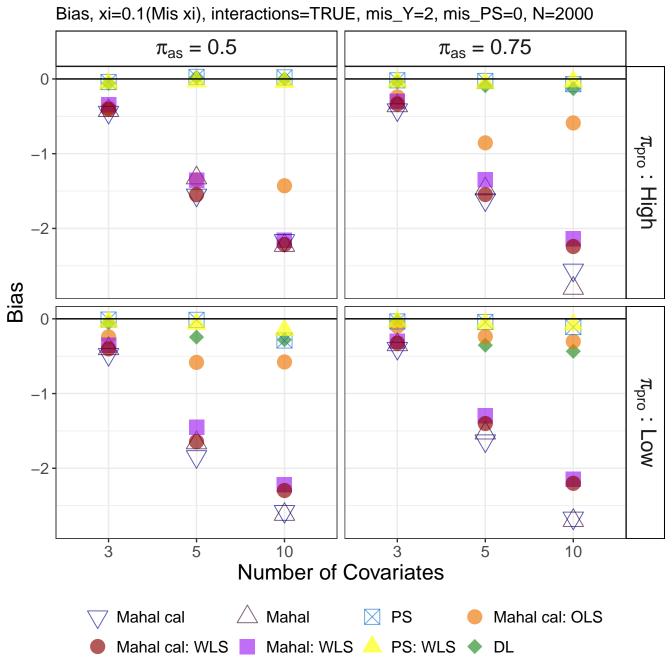
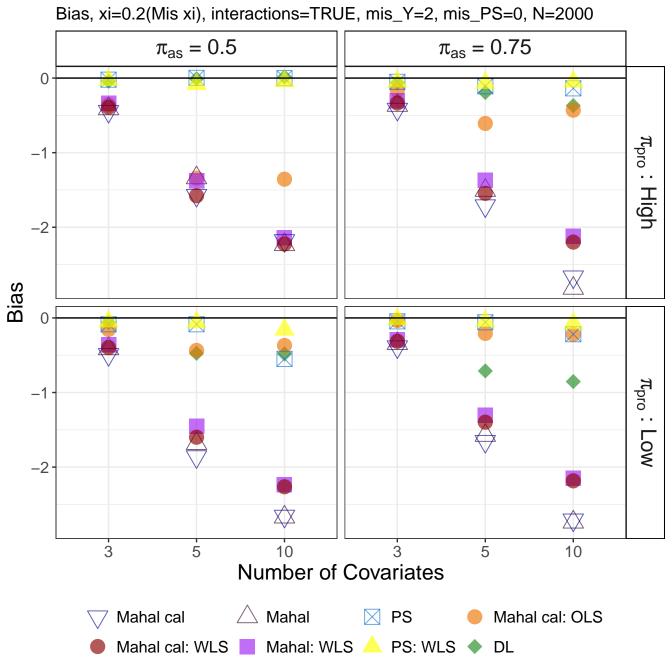
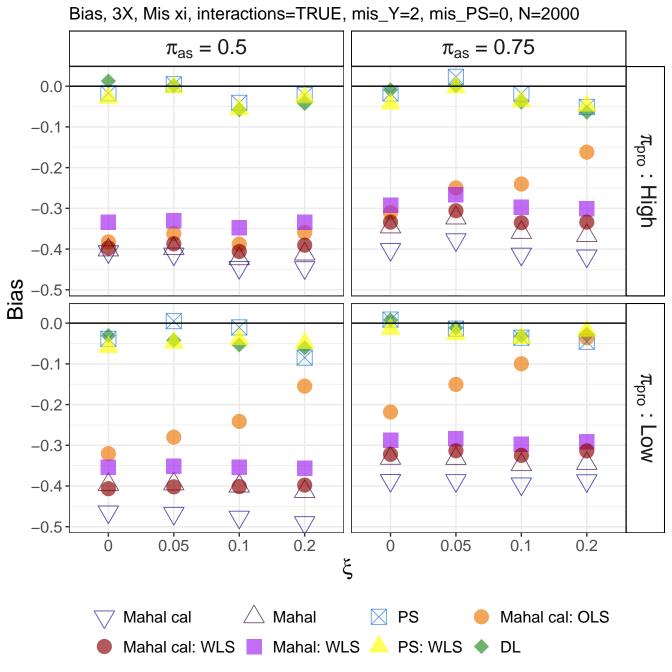
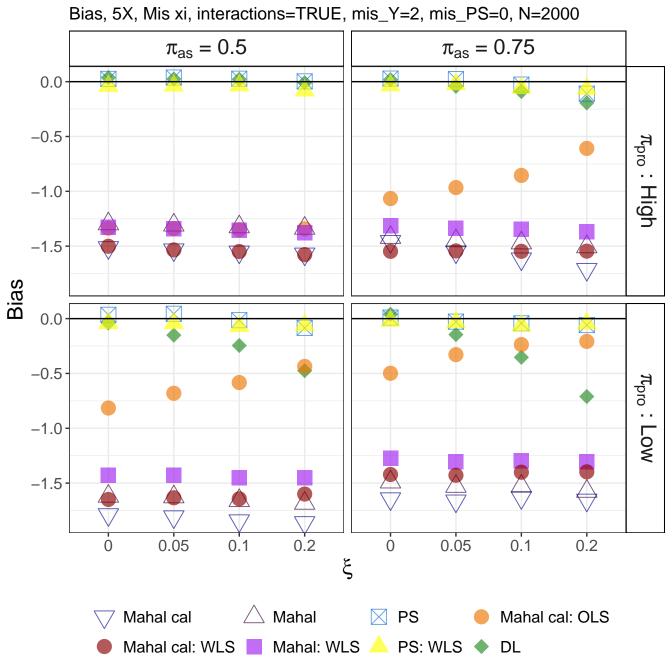
Bias, xi=0(Mis xi), interactions=TRUE, mis\_Y=2, mis\_PS=0, N=2000  $\pi_{as}=0.75$  $\pi_{\text{as}}=0.5$ 0  $\pi_{\text{pro}}$  : High -1-2· Bias  $\pi_{pro}$  : Low -1 -2 XX10 3 5 5 **Number of Covariates** Mahal cal Mahal PS Mahal cal: OLS Mahal cal: WLS Mahal: WLS PS: WLS DL

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









Bias, 10X, Mis xi, interactions=TRUE, mis\_Y=2, mis\_PS=0, N=2000  $\pi_{as} = 0.5$  $\pi_{as}=0.75$ 0  $\pi_{\text{pro}}$  : High -1-2 Bias 0  $\pi_{pro}$  : Low -1 -2-0.2 Ó 0.1 0.2 Ó 0.1 0.05 0.05 ξ Mahal cal Mahal PS Mahal cal: OLS Mahal cal: WLS Mahal: WLS PS: WLS DL