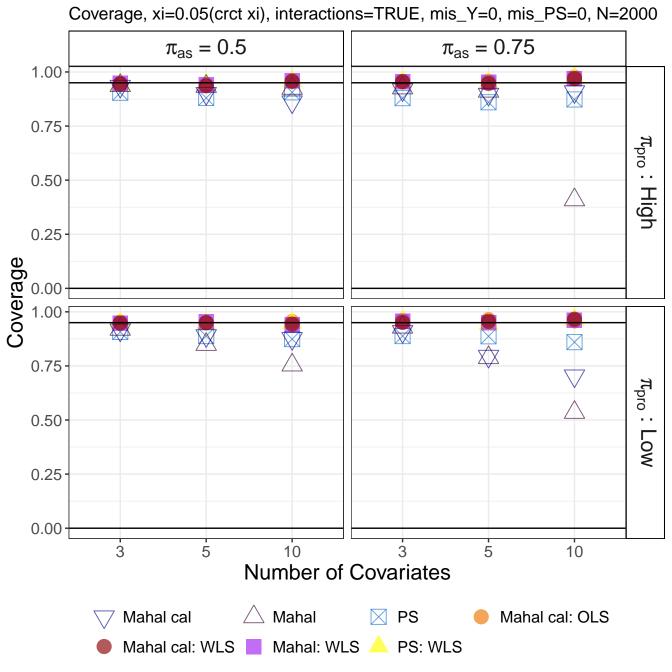
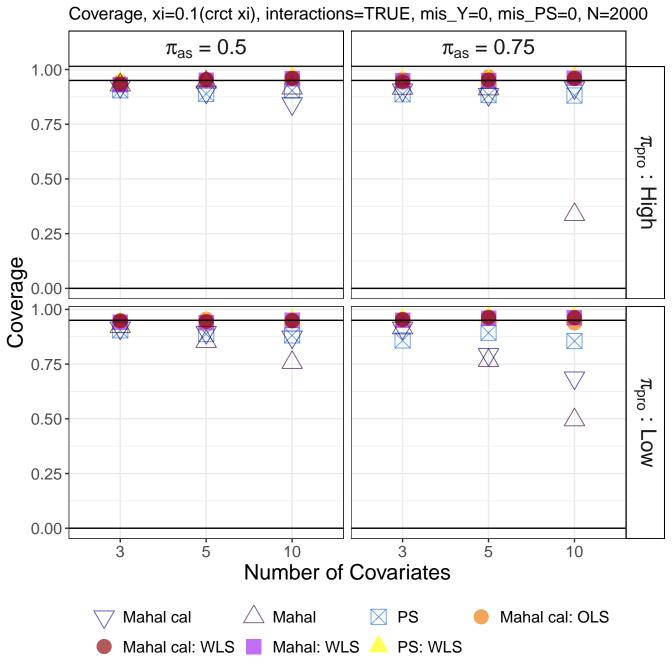
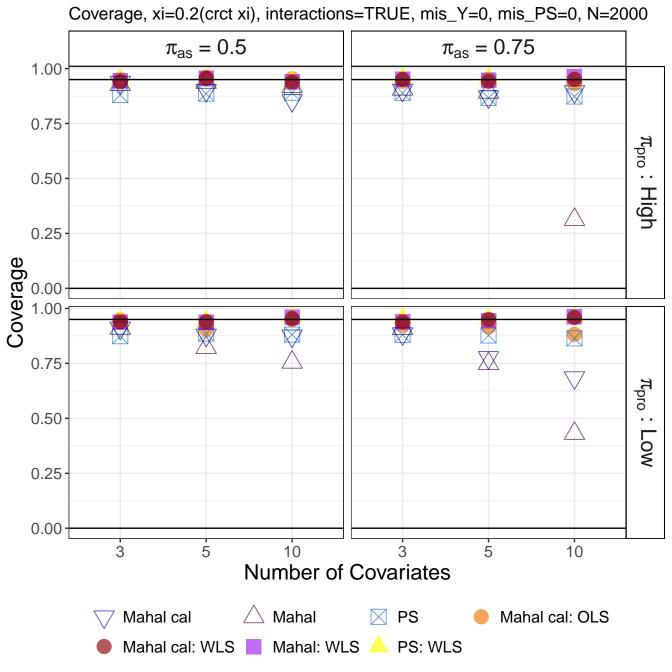
Coverage, xi=0(crct xi), interactions=TRUE, mis_Y=0, mis_PS=0, N=2000 $\pi_{as} = 0.5$ $\pi_{as}=0.75$ 1.00 0.75 - π_{pro} : High 0.50 -0.25 -Coverage 00.0 00.1 0.75 - π_{pro} : Low 0.50 -0.25 -0.00 3 5 10 5 10 **Number of Covariates** Mahal cal Mahal PS Mahal cal: OLS Mahal cal: WLS Mahal: WLS PS: WLS







Coverage, 3X, Crct xi, interactions=TRUE, mis_Y=0, mis_PS=0, N=2000 $\pi_{as} = 0.5$ $\pi_{as}=0.75$ 1.00 0.75 - π_{pro} : High 0.50 -0.25 -Coverage 00.0 00.1 0.75 - π_{pro} : Low 0.50 -0.25 -0.00 0.2 0.1 0.2 0.1 Ó 0.05 0.05 Ò ξ Mahal cal Mahal PS Mahal cal: OLS Mahal cal: WLS Mahal: WLS PS: WLS

Coverage, 5X, Crct xi, interactions=TRUE, mis_Y=0, mis_PS=0, N=2000 $\pi_{as} = 0.5$ $\pi_{as}=0.75$ 1.00 0.75 - π_{pro} : High 0.50 -0.25 -Coverage 00.0 00.1 0.75 π_{pro} : Low 0.50 -0.25 -0.00 0.2 0.1 0.2 0.1 Ó 0.05 0.05 Ò ξ Mahal cal Mahal PS Mahal cal: OLS Mahal cal: WLS Mahal: WLS PS: WLS

Coverage, 10X, Crct xi, interactions=TRUE, mis_Y=0, mis_PS=0, N=2000 $\pi_{as} = 0.5$ $\pi_{as}=0.75$ 1.00-0.75 - π_{pro} : High 0.50 -0.25 -Coverage 00.0 00.1 1.00-0.75 - π_{pro} : Low 0.50 -0.25 -0.00 0.2 0.1 0.2 0.1 Ó Ó 0.05 0.05 ξ Mahal cal Mahal PS Mahal cal: OLS Mahal cal: WLS Mahal: WLS PS: WLS