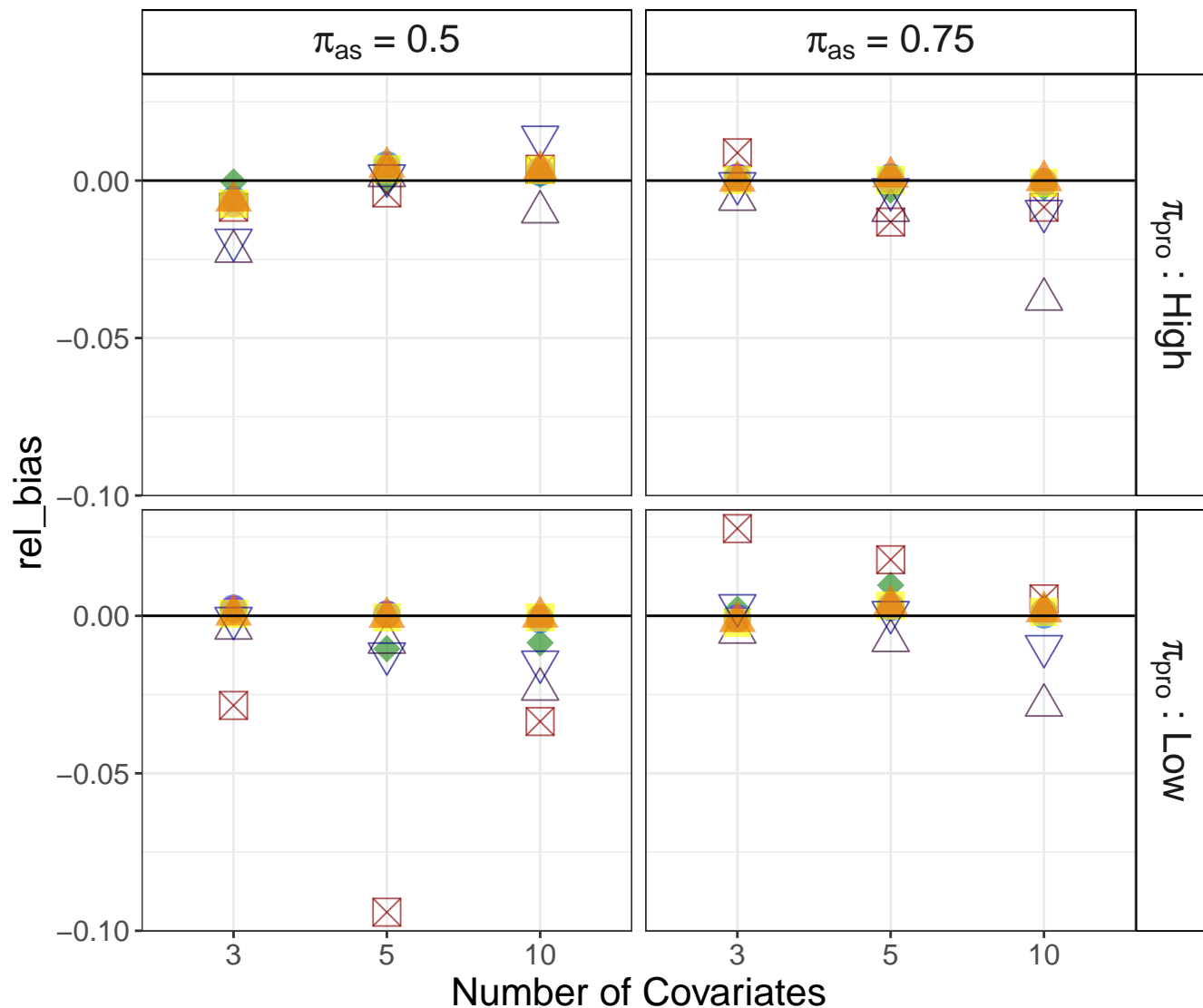
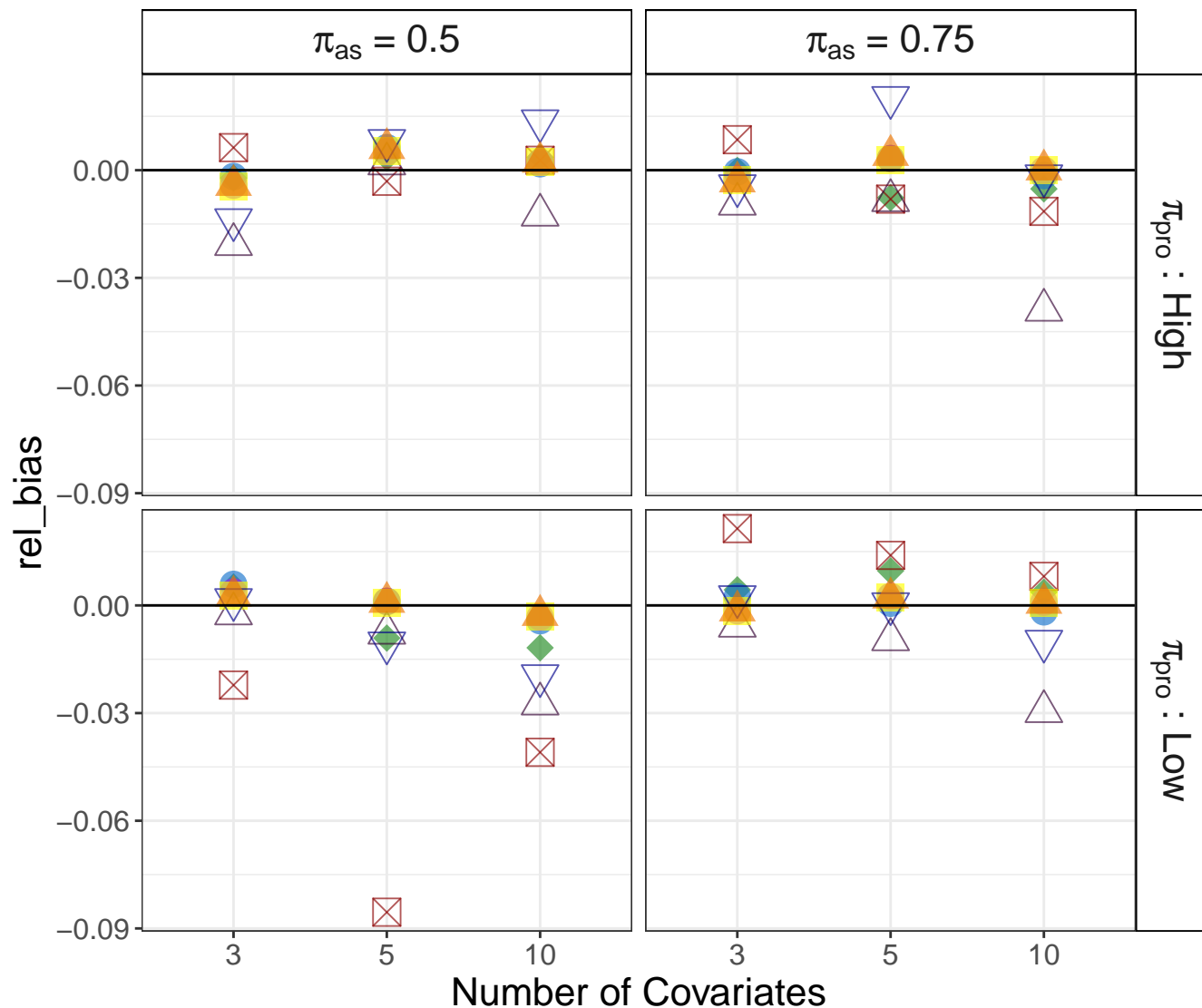


rel_bias, xi=0(crct xi), interactions=TRUE, mis_Y=0, mis_PS=2, N=2000



▽ Mahal cal △ Mahal ⊠ PS ▲ Mahal cal: WLS
■ Mahal: WLS ● PS: WLS ● Mahal cal: OLS ◆ DL

rel_bias, xi=0.05(crct xi), interactions=TRUE, mis_Y=0, mis_PS=2, N=2000



rel_bias, xi=0.1(crct xi), interactions=TRUE, mis_Y=0, mis_PS=2, N=2000

rel_bias

$\pi_{as} = 0.5$

$\pi_{as} = 0.75$

π_{pro} : High

π_{pro} : Low

3

5

10

3

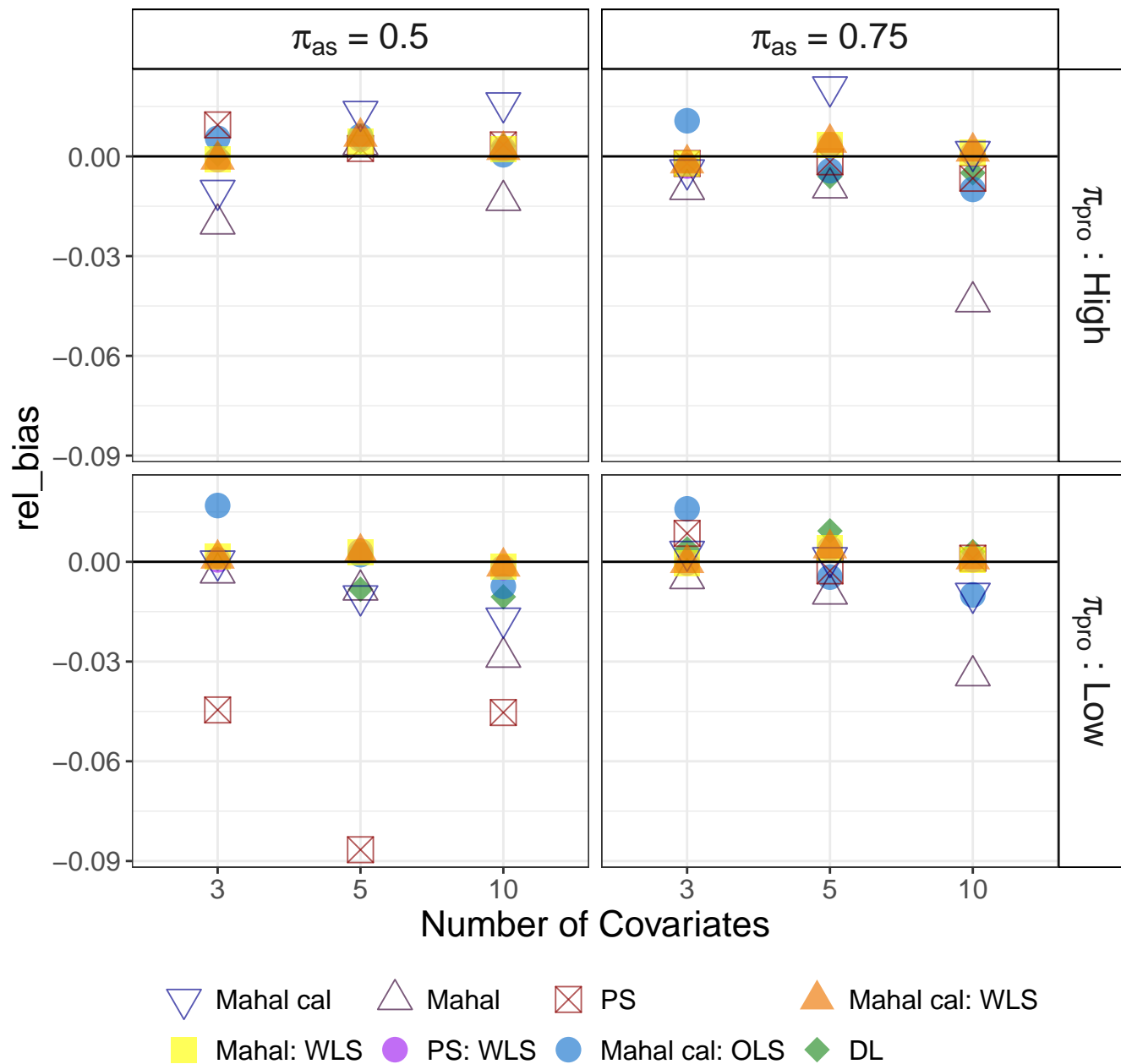
5

10

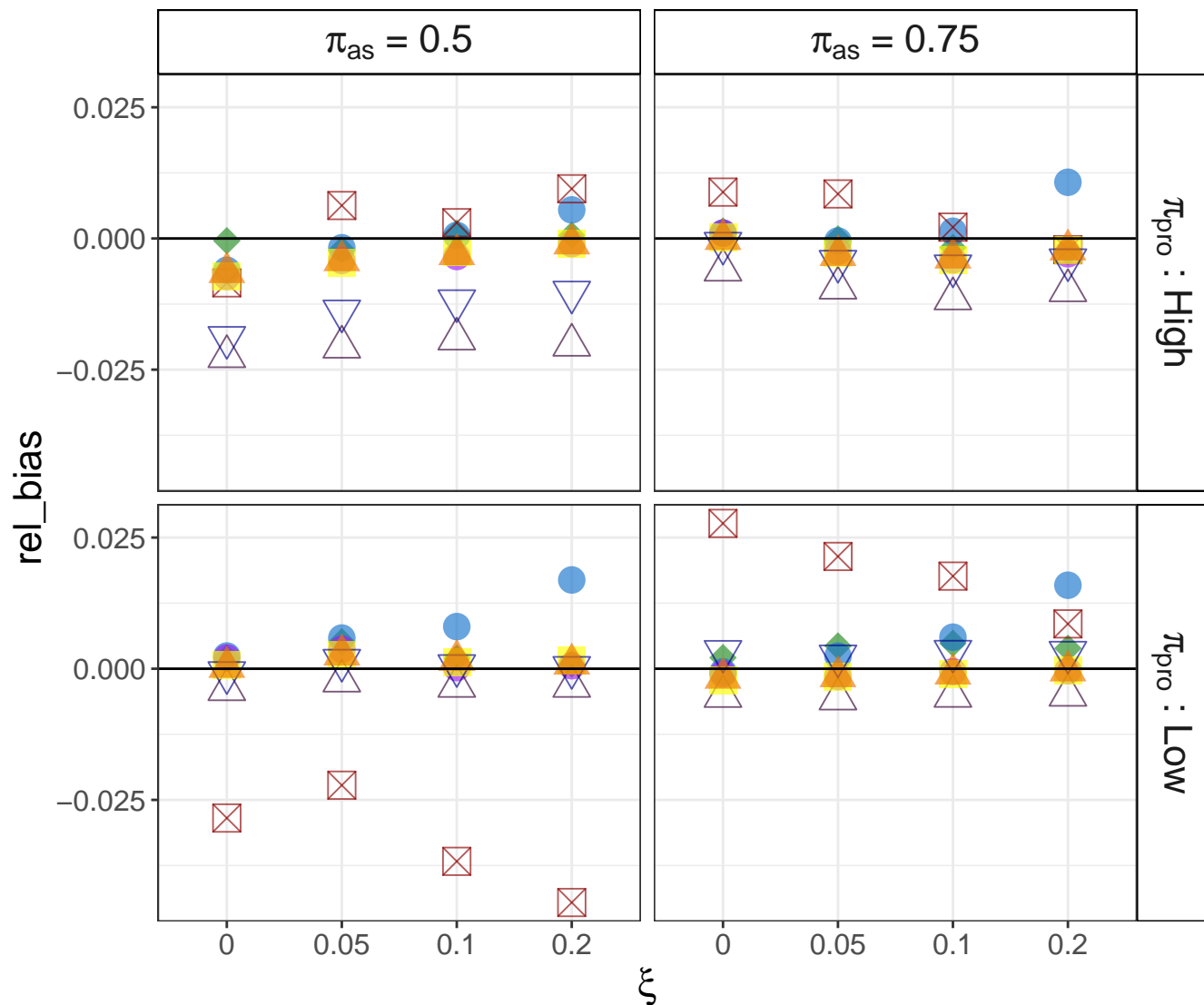
Number of Covariates



rel_bias, xi=0.2(crct xi), interactions=TRUE, mis_Y=0, mis_PS=2, N=2000

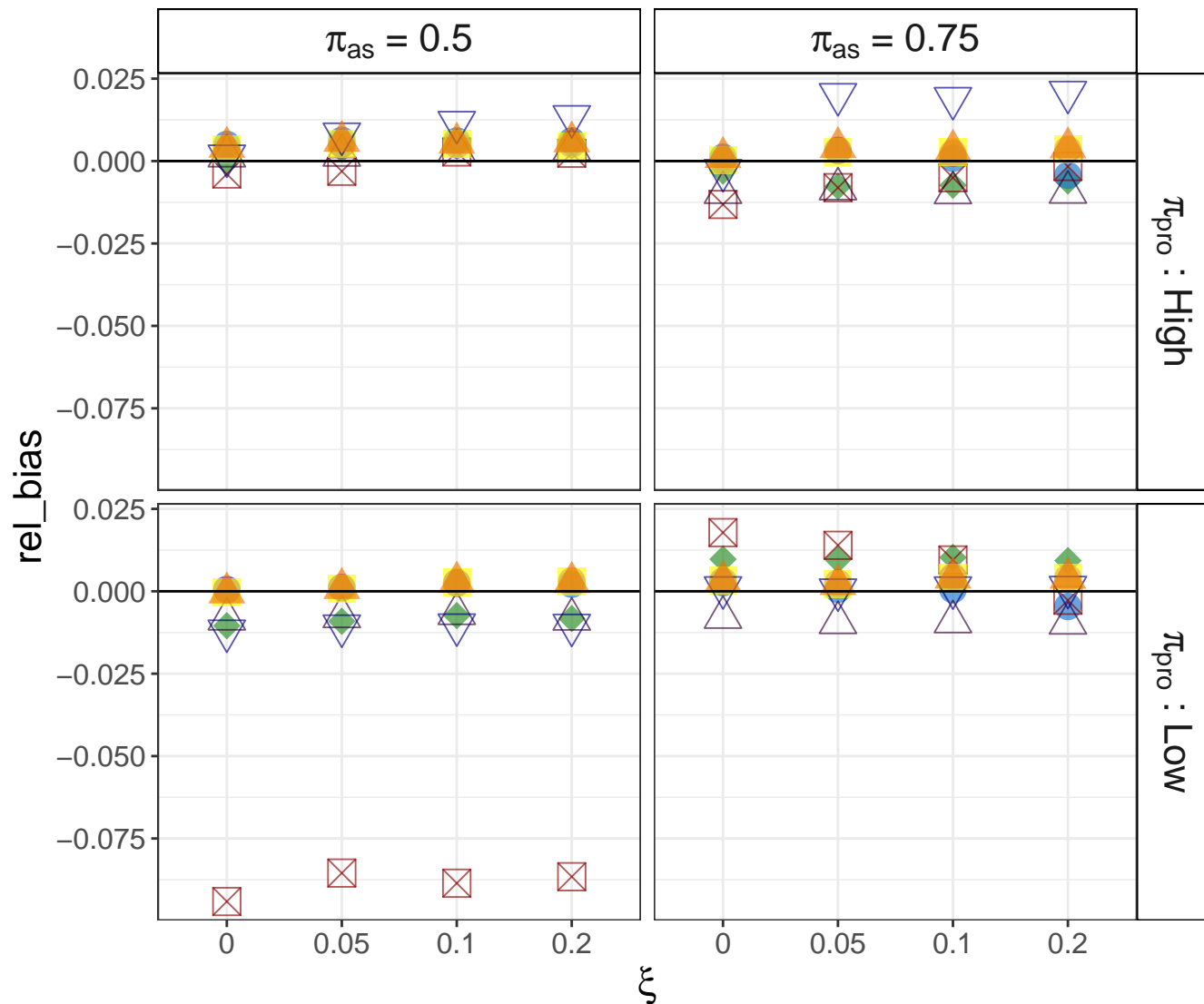


rel_bias, 3X, Crct xi, interactions=TRUE, mis_Y=0, mis_PS=2, N=2000

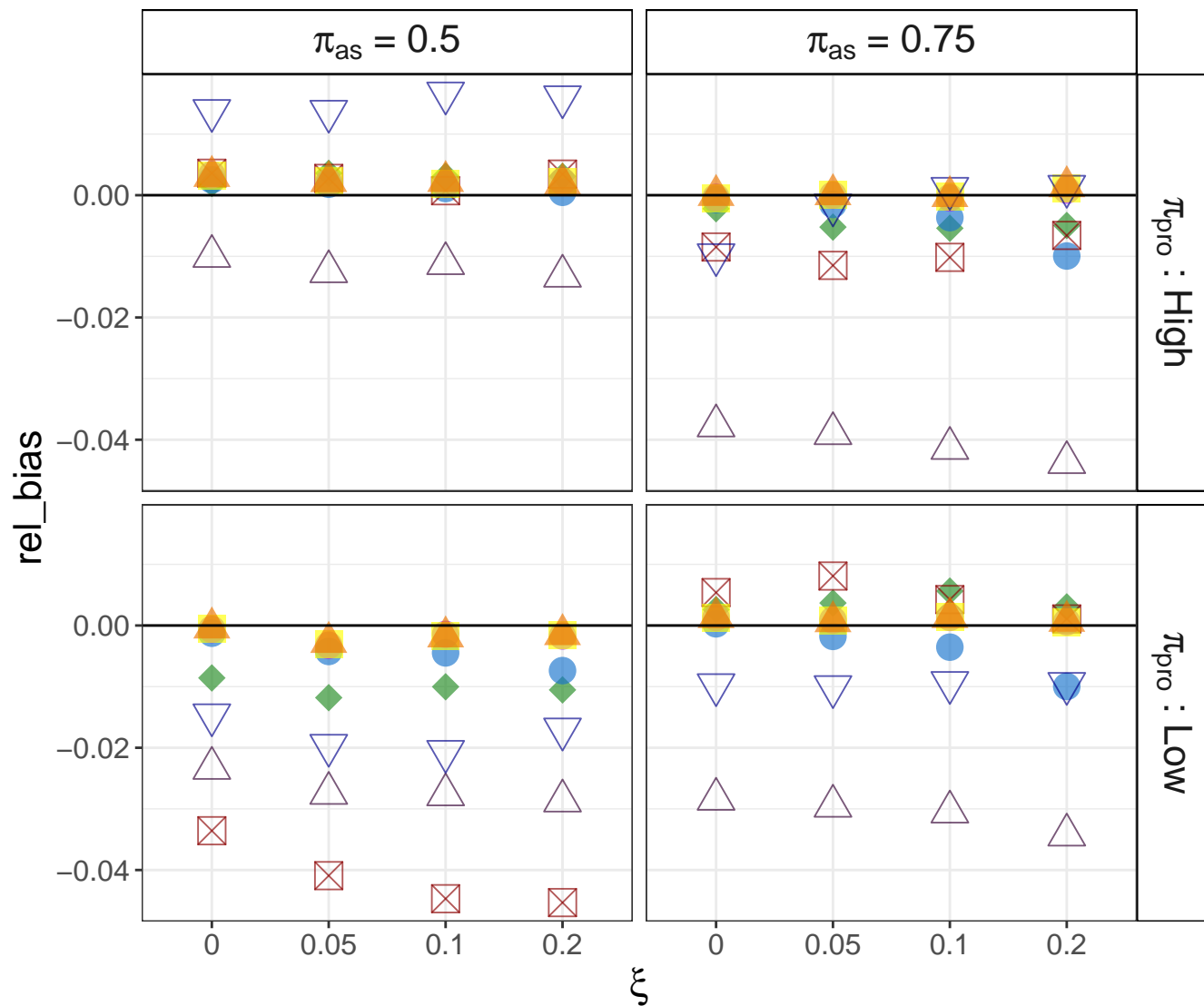


▽ Mahal cal △ Mahal ⊠ PS ▲ Mahal cal: WLS
■ Mahal: WLS ● PS: WLS ● Mahal cal: OLS ◆ DL

rel_bias, 5X, Crct xi, interactions=TRUE, mis_Y=0, mis_PS=2, N=2000



rel_bias, 10X, Crct xi, interactions=TRUE, mis_Y=0, mis_PS=2, N=2000



∇ Mahal cal \triangle Mahal \boxtimes PS \blacktriangle Mahal cal: WLS
 \blacksquare Mahal: WLS \bullet PS: WLS \bullet Mahal cal: OLS \blacklozenge DL