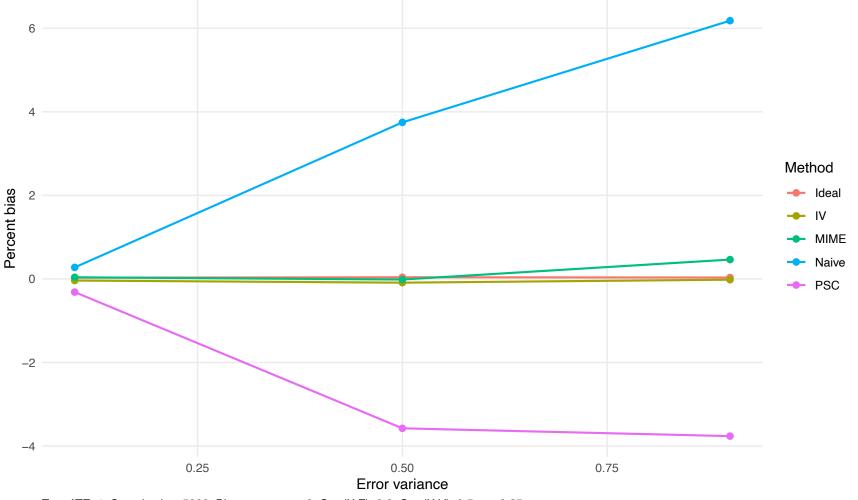


True ATE: 1, Sample size: 5000, Binary outcome: 0, Corr(X,Z): 0.2, Corr(X,V): 0.5, ax: 0.25



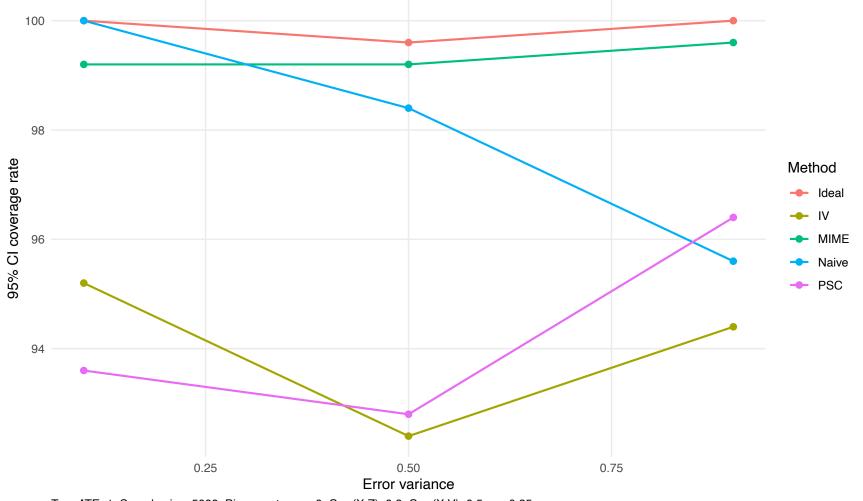
Varying Error variance



True ATE: 1, Sample size: 5000, Binary outcome: 0, Corr(X,Z): 0.8, Corr(X,V): 0.5, ax: 0.25

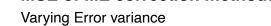
## 95% CI coverage rate of ME correction methods

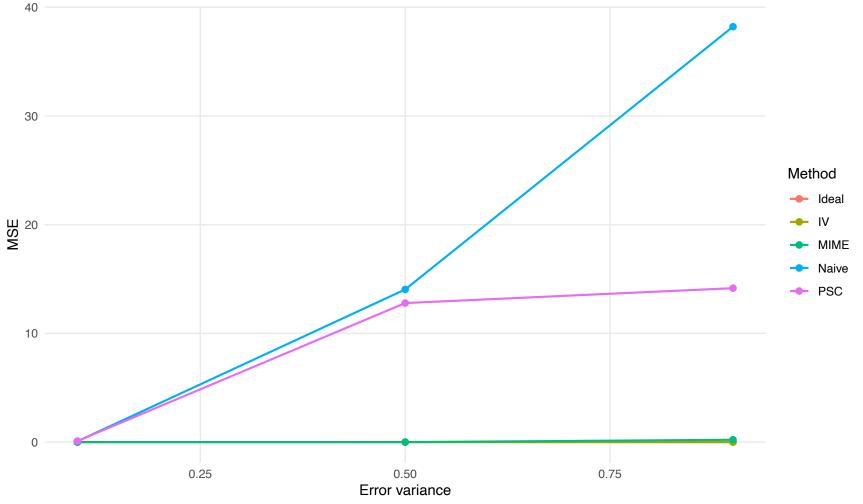




True ATE: 1, Sample size: 5000, Binary outcome: 0, Corr(X,Z): 0.8, Corr(X,V): 0.5, ax: 0.25

## **MSE of ME correction methods**





True ATE: 1, Sample size: 5000, Binary outcome: 0, Corr(X,Z): 0.8, Corr(X,V): 0.5, ax: 0.25