

# Supplementary Material for “A Comparison of Methods for Estimating the Average Treatment Effect on the Treated for Externally Controlled Trials”

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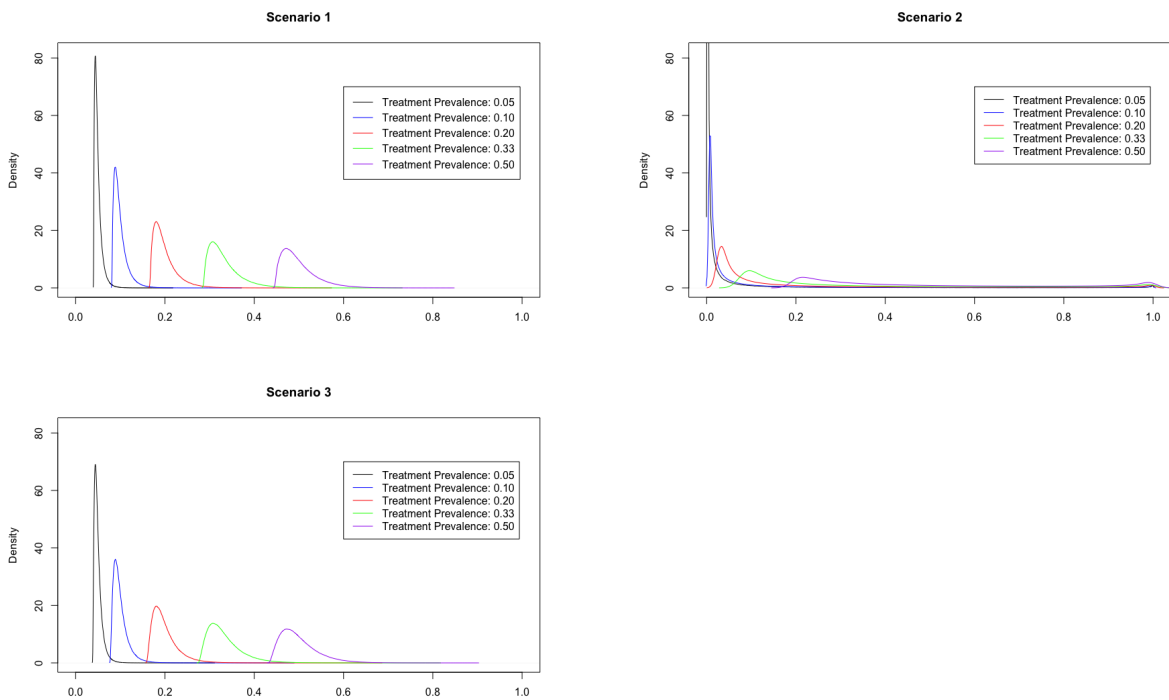


Figure S1: Distribution of PS values under different scenarios

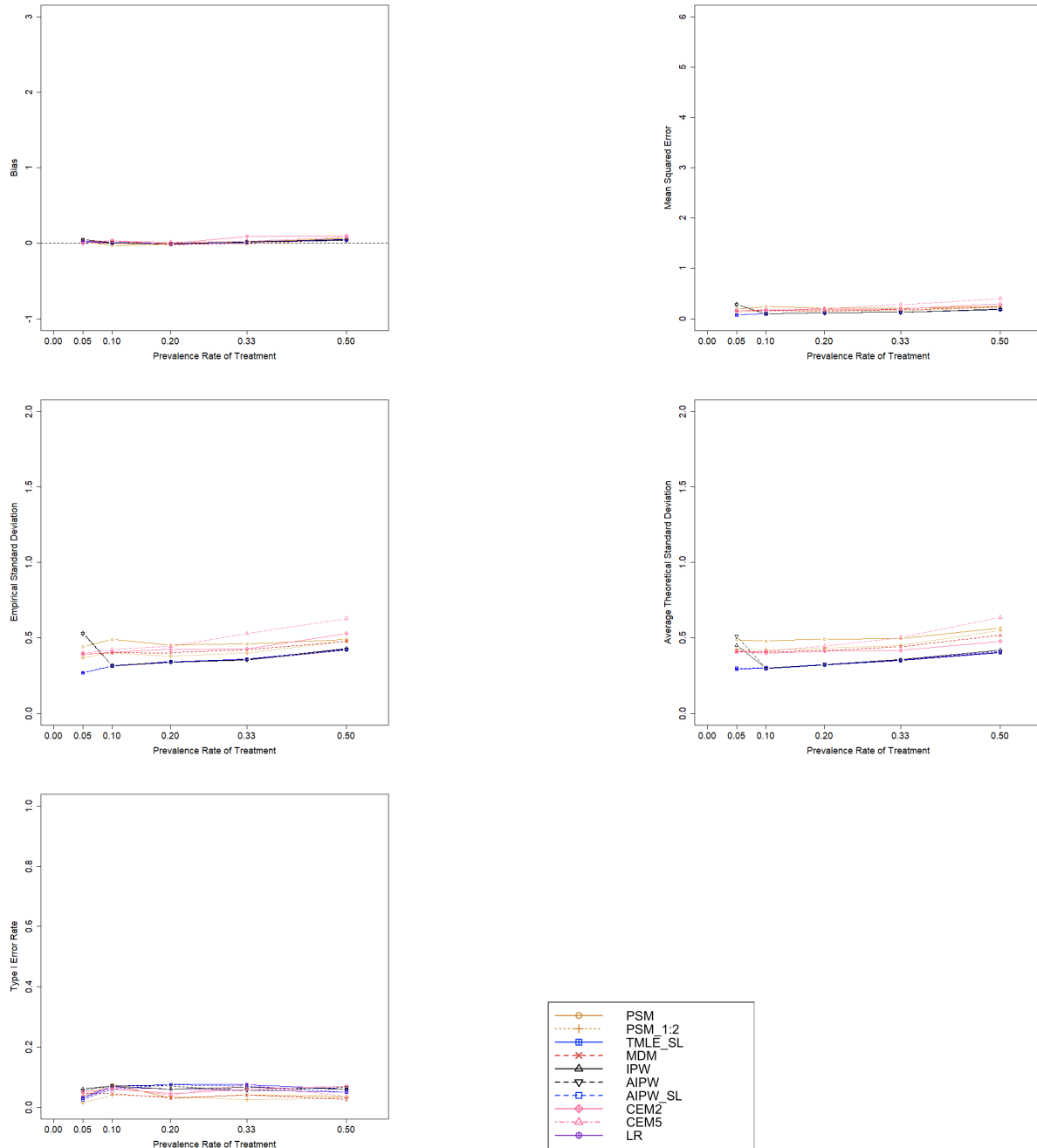


Figure S2: Evaluation metrics of 10 causal inference methods under *Scenario 1 Setting 1*

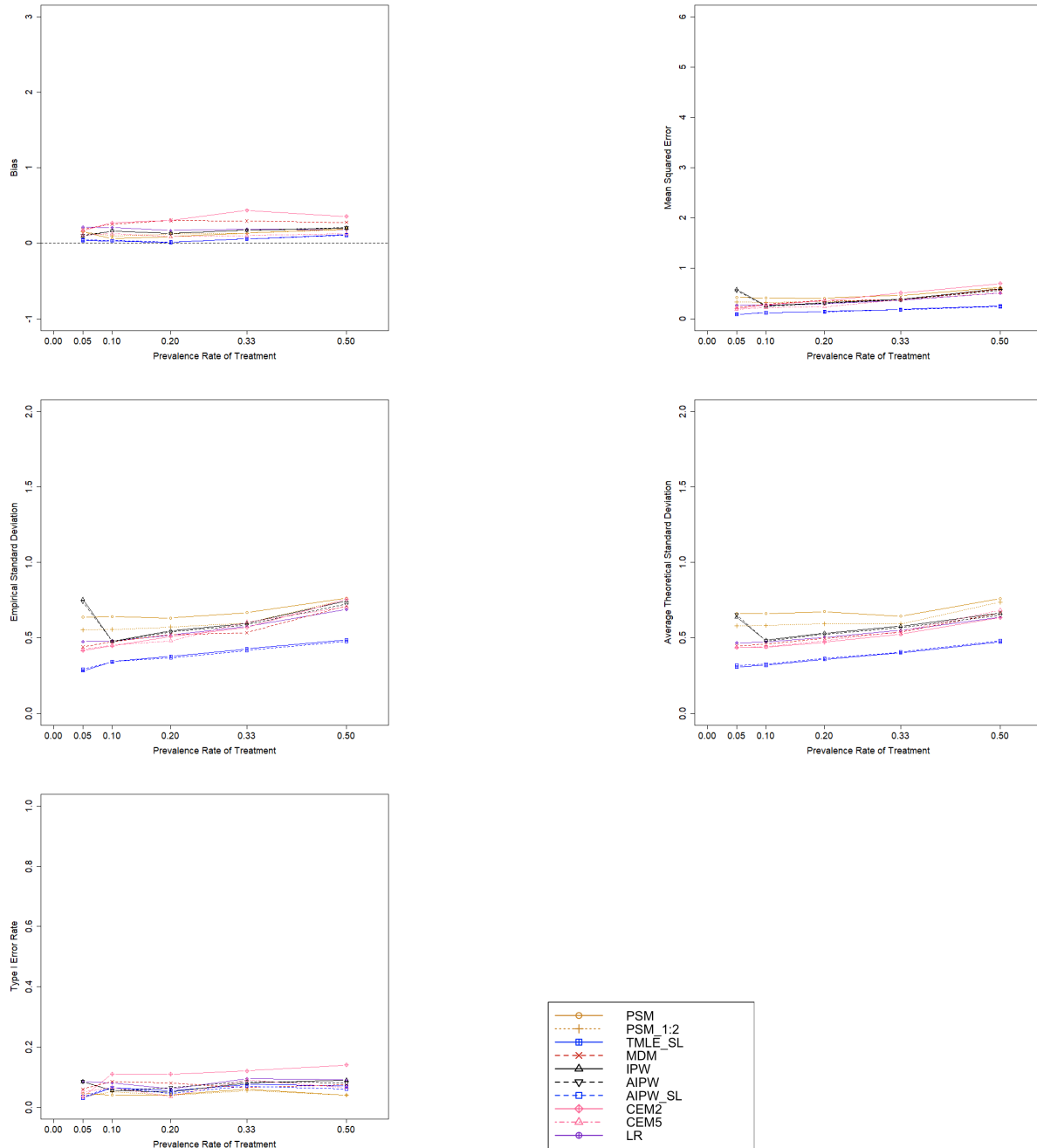


Figure S3: Evaluation metrics of 10 causal inference methods under *Scenario 1 Setting 2*

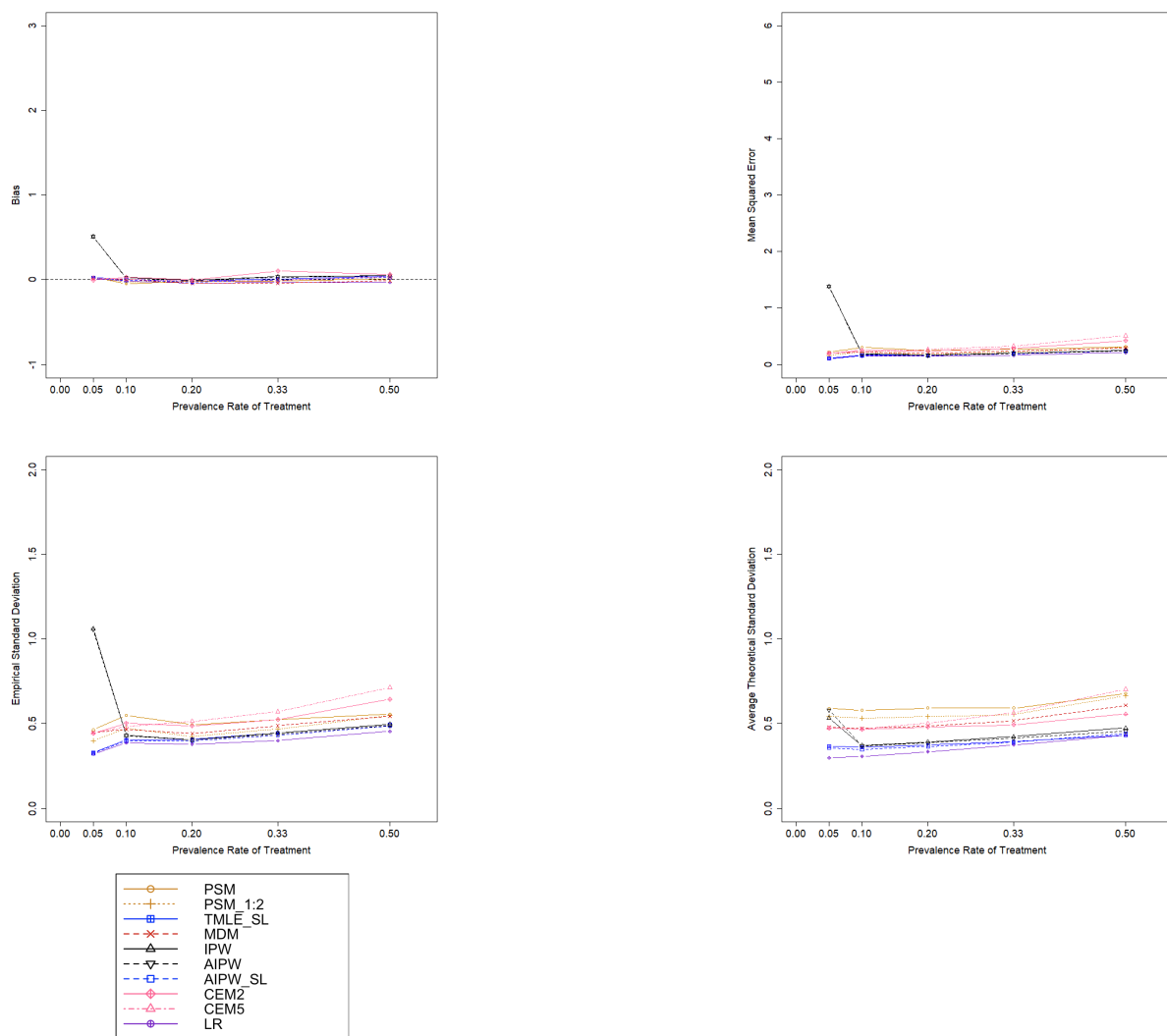


Figure S4: Evaluation metrics of 10 causal inference methods under *Scenario 1 Setting 3*

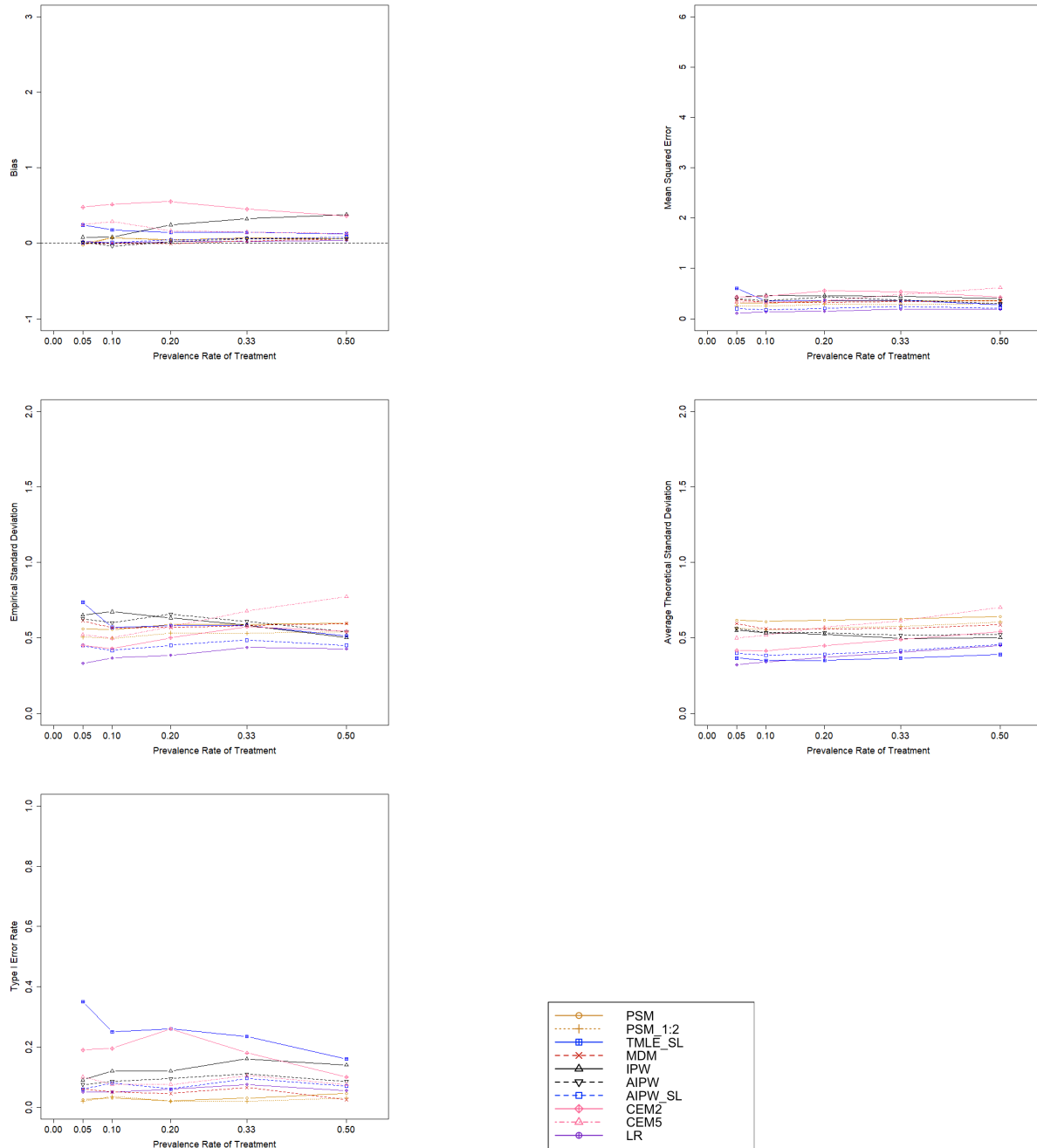


Figure S5: Evaluation metrics of 10 causal inference methods under *Scenario 2 Setting 1*

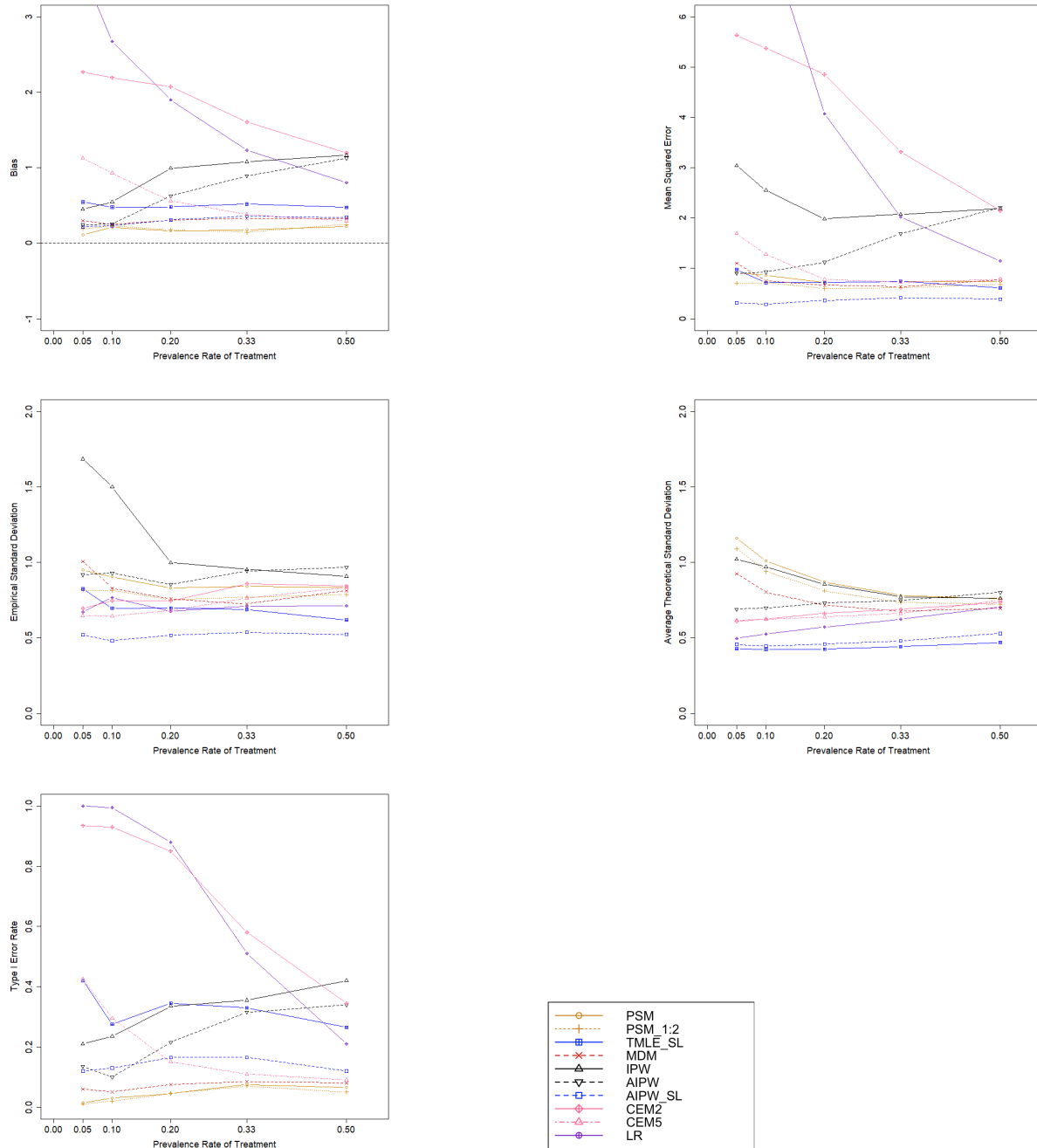


Figure S6: Evaluation metrics of 10 causal inference methods under *Scenario 2 Setting 2*

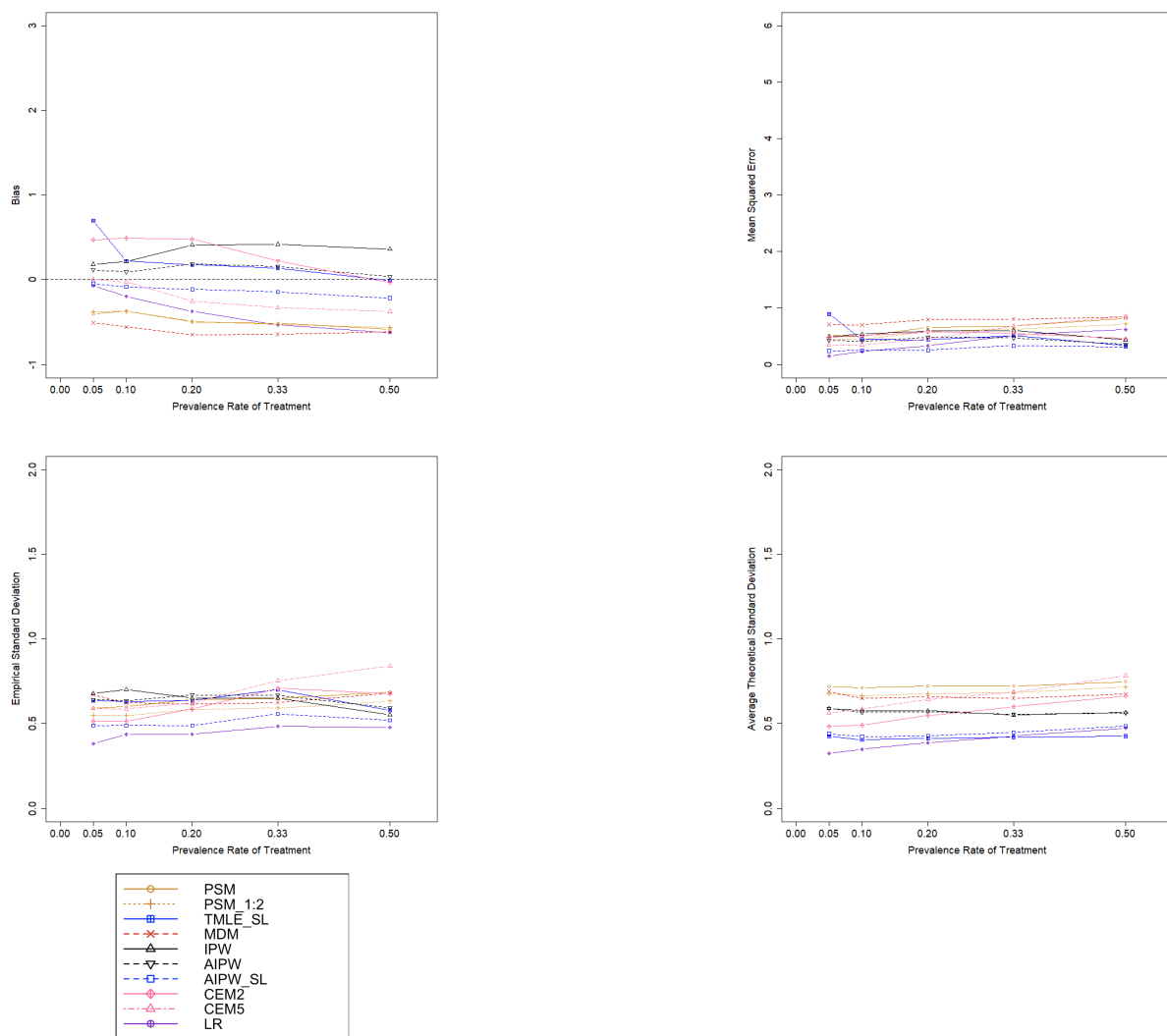


Figure S7: Evaluation metrics of 10 causal inference methods under *Scenario 2 Setting 3*

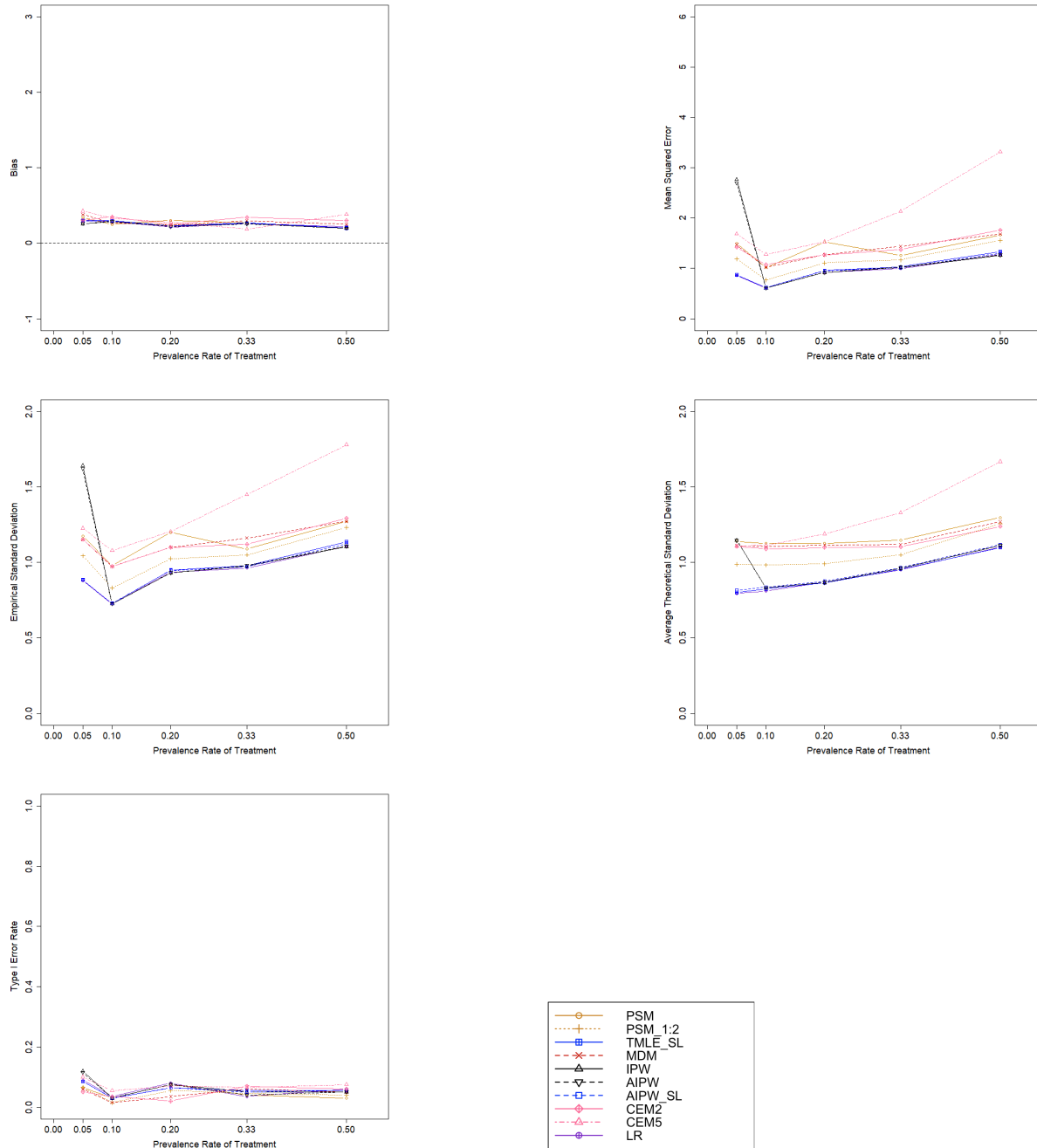


Figure S8: Evaluation metrics of 10 causal inference methods under *Scenario 3 Setting 1*



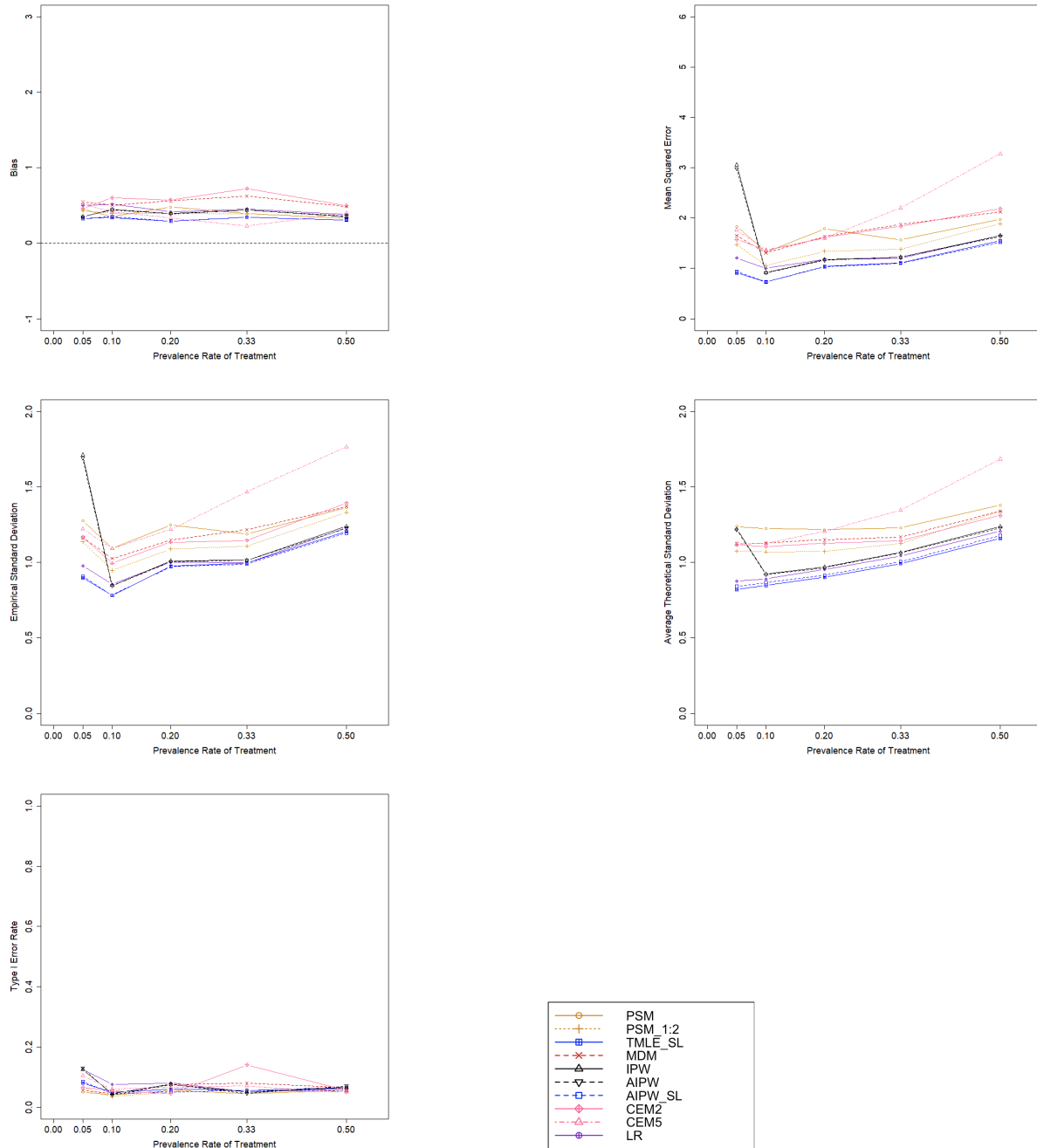


Figure S9: Evaluation metrics of 10 causal inference methods under *Scenario 3 Setting 2*

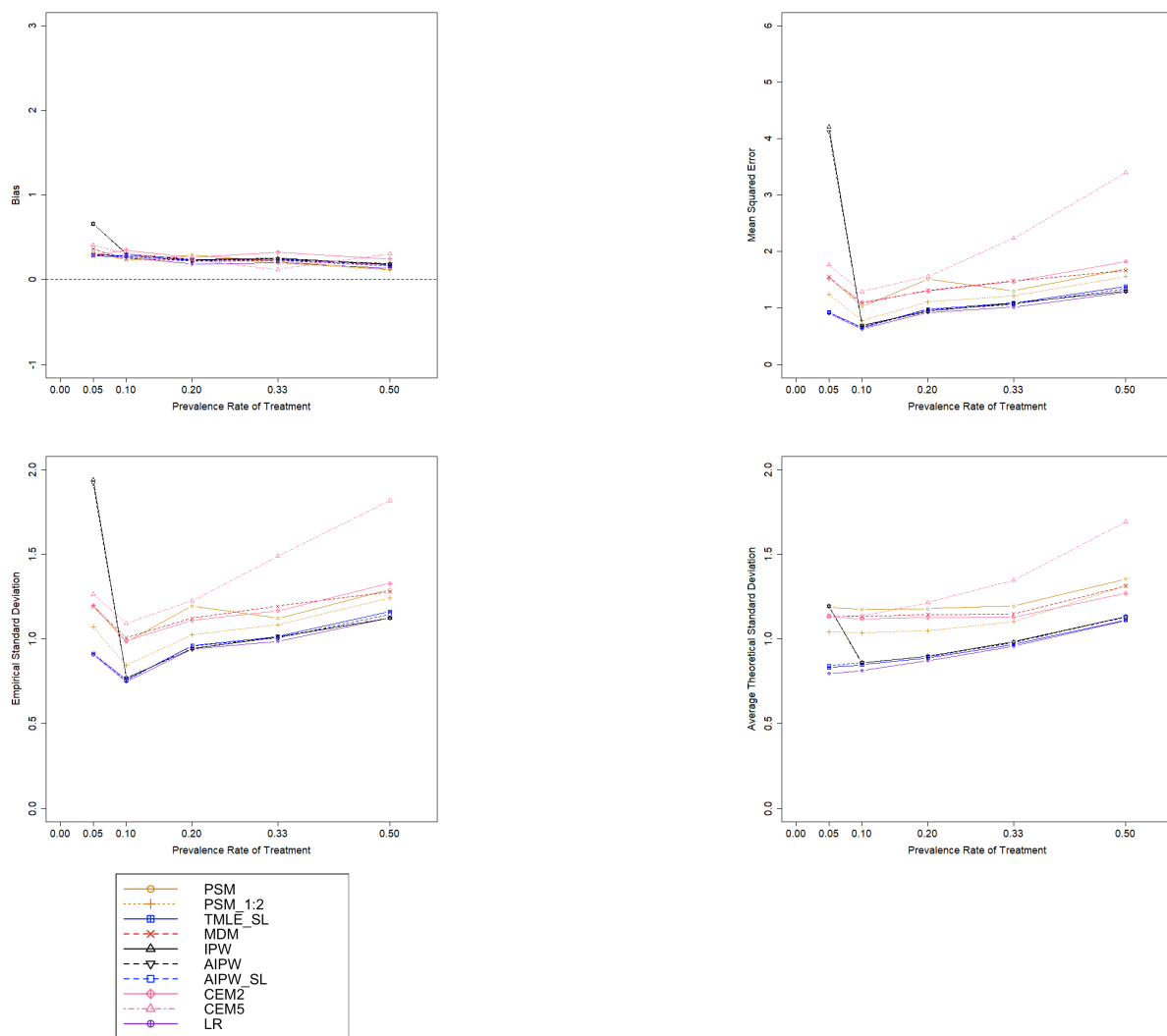


Figure S10: Evaluation metrics of 10 causal inference methods under *Scenario 3 Setting 3*