Simulations

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## Simulation 1

## false em mse true em mse treatment mse continuous EM se  
## glmm null 0.0000000000 0.010000000 0.01411028 NaN  
## glmm full 0.0029088463 0.003309855 0.01120842 0.05821760  
## naive step 0.0017782609 0.005088609 0.01129592 0.05392236  
## naive lasso 0.0008840318 0.003653619 0.01129177 0.05167293  
## glmmLasso 0.0029118062 0.003310906 0.01119812 NaN  
## binary EM se treatment se  
## glmm null NaN 0.11860188  
## glmm full NaN 0.10091387  
## naive step NaN 0.05307056  
## naive lasso NaN 0.05342657  
## glmmLasso NaN NaN

## false em mse true em mse treatment mse continuous EM se  
## bayesLASSO 0.0013450690 0.002381426 0.01123056 0.05169891  
## SSVS 0.0009508239 0.003483800 0.01121732 0.05553816  
## binary EM se treatment se  
## bayesLASSO NaN 0.1258946  
## SSVS NaN 0.1258412

## Simulation 2

## false em mse true em mse treatment mse continuous EM se  
## glmm null 0.0000000000 0.250000000 0.01511758 NaN  
## glmm full 0.0029088463 0.003309855 0.01120842 0.05821760  
## naive step 0.0017288742 0.003217396 0.01130093 0.05423671  
## naive lasso 0.0009504213 0.004174348 0.01129176 0.05804568  
## glmmLasso 0.0029118062 0.003310906 0.01119812 NaN  
## binary EM se treatment se  
## glmm null NaN 0.12775082  
## glmm full NaN 0.10091388  
## naive step NaN 0.05307755  
## naive lasso NaN 0.05344512  
## glmmLasso NaN NaN

## false em mse true em mse treatment mse continuous EM se  
## bayesLASSO 0.0016591989 0.003343315 0.01123331 0.05701447  
## SSVS 0.0009593434 0.003210439 0.01117377 0.05654345  
## binary EM se treatment se  
## bayesLASSO NaN 0.1260477  
## SSVS NaN 0.1259529

## Simulation 3

## false em mse true em mse treatment mse continuous EM se  
## glmm null 0.0000000000 0.025000000 0.01713921 NaN  
## glmm full 0.0031974821 0.003371513 0.01155221 0.05915827  
## naive step 0.0019709600 0.004199241 0.01165930 0.05423029  
## naive lasso 0.0005789478 0.003863200 0.01159524 0.05048118  
## glmmLasso 0.0032129058 0.003381281 0.01157903 NaN  
## binary EM se treatment se  
## glmm null NaN 0.13528104  
## glmm full 0.05388618 0.10048638  
## naive step 0.05336411 0.05311177  
## naive lasso 0.05493702 0.05366728  
## glmmLasso NaN NaN

## false em mse true em mse treatment mse continuous EM se  
## bayesLASSO 0.0014194990 0.002820811 0.01153672 0.05265345  
## SSVS 0.0008240564 0.003982491 0.01153669 0.05672035  
## binary EM se treatment se  
## bayesLASSO 0.05368495 0.1252470  
## SSVS 0.05685382 0.1252852

## Simulation 4

## false em mse true em mse treatment mse continuous EM se  
## glmm null 0.0000000000 0.625000000 0.02450671 NaN  
## glmm full 0.0031974821 0.003371513 0.01155221 0.05915827  
## naive step 0.0019349526 0.003208368 0.01166123 0.05450448  
## naive lasso 0.0006130136 0.004235553 0.01159427 0.05745862  
## glmmLasso 0.0032129058 0.003381281 0.01157903 NaN  
## binary EM se treatment se  
## glmm null NaN 0.18001824  
## glmm full 0.05388618 0.10048637  
## naive step 0.05338785 0.05311882  
## naive lasso 0.05519662 0.05368237  
## glmmLasso NaN NaN

## false em mse true em mse treatment mse continuous EM se  
## bayesLASSO 0.0018937805 0.003315137 0.01152983 0.05797516  
## SSVS 0.0009813316 0.003168990 0.01156183 0.05656030  
## binary EM se treatment se  
## bayesLASSO 0.05417391 0.1251691  
## SSVS 0.05330792 0.1252111