Simulations

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## Simulation 1

## false em mse true em mse treatment mse continuous EM se  
## glmm null 0.0000000000 0.010000000 0.005671192 NaN  
## glmm full 0.0028036394 0.003382145 0.002835047 0.05796199  
## naive step 0.0016669829 0.004998413 0.002804881 0.05305910  
## naive lasso 0.0007996343 0.003694138 0.002804769 0.05087767  
## glmmLasso 0.0028012008 0.003381031 0.002814333 NaN  
## binary EM se treatment se  
## glmm null NaN 0.08625891  
## glmm full NaN 0.05851718  
## naive step NaN 0.05217228  
## naive lasso NaN 0.05190410  
## glmmLasso NaN NaN

## false em mse true em mse treatment mse continuous EM se  
## bayesLASSO 0.0013002555 0.002465172 0.002835784 0.05148498  
## SSVS 0.0009325394 0.003540142 0.002824003 0.05516871  
## binary EM se treatment se  
## bayesLASSO NaN 0.08576128  
## SSVS NaN 0.08560186

## Simulation 2

## false em mse true em mse treatment mse continuous EM se  
## glmm null 0.0000000000 0.250000000 0.006608067 NaN  
## glmm full 0.0028036393 0.003382145 0.002835046 0.05796199  
## naive step 0.0015674779 0.003090457 0.002805452 0.05321513  
## naive lasso 0.0008544297 0.004257071 0.002804366 0.05674353  
## glmmLasso 0.0028012008 0.003381031 0.002814333 NaN  
## binary EM se treatment se  
## glmm null NaN 0.09864525  
## glmm full NaN 0.05851712  
## naive step NaN 0.05217799  
## naive lasso NaN 0.05190837  
## glmmLasso NaN NaN

## false em mse true em mse treatment mse continuous EM se  
## bayesLASSO 0.0016081086 0.003472943 0.002851701 0.05682492  
## SSVS 0.0009432333 0.003218046 0.002829181 0.05651353  
## binary EM se treatment se  
## bayesLASSO NaN 0.08570481  
## SSVS NaN 0.08549690

## Simulation 3

## false em mse true em mse treatment mse continuous EM se  
## glmm null 0.0000000000 0.025000000 0.009682895 NaN  
## glmm full 0.0032034959 0.003356595 0.002689918 0.05903765  
## naive step 0.0018730860 0.004245777 0.002652217 0.05352616  
## naive lasso 0.0005934788 0.003881871 0.002655858 0.05025810  
## glmmLasso 0.0031994971 0.003349116 0.002669157 NaN  
## binary EM se treatment se  
## glmm null NaN 0.11301765  
## glmm full 0.05379432 0.05883472  
## naive step 0.05260372 0.05242691  
## naive lasso 0.05357354 0.05260659  
## glmmLasso NaN NaN

## false em mse true em mse treatment mse continuous EM se  
## bayesLASSO 0.0013996768 0.002870626 0.002723963 0.05263955  
## SSVS 0.0007865095 0.003987817 0.002694372 0.05641410  
## binary EM se treatment se  
## bayesLASSO 0.05366248 0.08561100  
## SSVS 0.05730776 0.08542822

## Simulation 4

## false em mse true em mse treatment mse continuous EM se  
## glmm null 0.0000000000 0.625000000 0.017657046 NaN  
## glmm full 0.0032034959 0.003356595 0.002689917 0.05903765  
## naive step 0.0018235865 0.003146504 0.002649051 0.05379124  
## naive lasso 0.0006243765 0.004141108 0.002655778 0.05698391  
## glmmLasso 0.0031994971 0.003349116 0.002669157 NaN  
## binary EM se treatment se  
## glmm null NaN 0.16413164  
## glmm full 0.05379432 0.05883473  
## naive step 0.05265481 0.05243453  
## naive lasso 0.05384252 0.05263912  
## glmmLasso NaN NaN

## false em mse true em mse treatment mse continuous EM se  
## bayesLASSO 0.0018821826 0.003301152 0.002693796 0.05792362  
## SSVS 0.0009488916 0.003111649 0.002705999 0.05642809  
## binary EM se treatment se  
## bayesLASSO 0.05407407 0.08594801  
## SSVS 0.05325484 0.08552669