

## BIN

|                         | MSE      | TMLE     |
|-------------------------|----------|----------|
| Bias                    | -0.02533 | -0.02683 |
| Variance                | 0.00015  | 0.00016  |
| MSE                     | 0.00080  | 0.00088  |
| coef.SL.glm             | 0.05282  | 0.09355  |
| coef.SL.mean            | 0.13224  | 0.11436  |
| coef.SL.glm.interaction | 0.03420  | 0.07687  |
| coef.SL.earth           | 0.27292  | 0.26934  |
| coef.SL.nnet            | 0.10743  | 0.09954  |
| coef.SL.svm             | 0.19965  | 0.17341  |
| coef.SL.rpart           | 0.20075  | 0.17293  |

Table 1: bin - 1a

|                                       | TMLE     |
|---------------------------------------|----------|
| Bias                                  | -0.02876 |
| Variance                              | 0.00020  |
| MSE                                   | 0.00103  |
| coef.DonV.DonV.SL.glm_All             | 0.03969  |
| coef.DonV.DonV.SL.mean_All            | 0.04205  |
| coef.DonV.DonV.SL.glm.interaction_All | 0.03846  |
| coef.DonV.DonV.SL.earth_All           | 0.17439  |
| coef.DonV.DonV.SL.nnet_All            | 0.06079  |
| coef.DonV.DonV.SL.svm_All             | 0.09472  |
| coef.DonV.DonV.SL.rpart_All           | 0.13960  |
| coef.Qlearn                           | 0.05002  |
| coef.OWL                              | 0.06393  |
| coef.EARL                             | 0.04036  |
| coef.optclass                         | 0.08888  |
| coef.RWL                              | 0.03772  |
| coef.treatall                         | 0.06968  |
| coef.treatnone                        | 0.05971  |

Table 2: bin - 1b

|                                       | TMLE     |
|---------------------------------------|----------|
| Bias                                  | -0.02771 |
| Variance                              | 0.00019  |
| MSE                                   | 0.00096  |
| coef.DonV.DonV.SL.glm_All             | 0.06863  |
| coef.DonV.DonV.SL.mean_All            | 0.08247  |
| coef.DonV.DonV.SL.glm.interaction_All | 0.06399  |
| coef.DonV.DonV.SL.earth_All           | 0.27890  |
| coef.DonV.DonV.SL.nnet_All            | 0.11346  |
| coef.DonV.DonV.SL.svm_All             | 0.15793  |
| coef.DonV.DonV.SL.rpart_All           | 0.23462  |

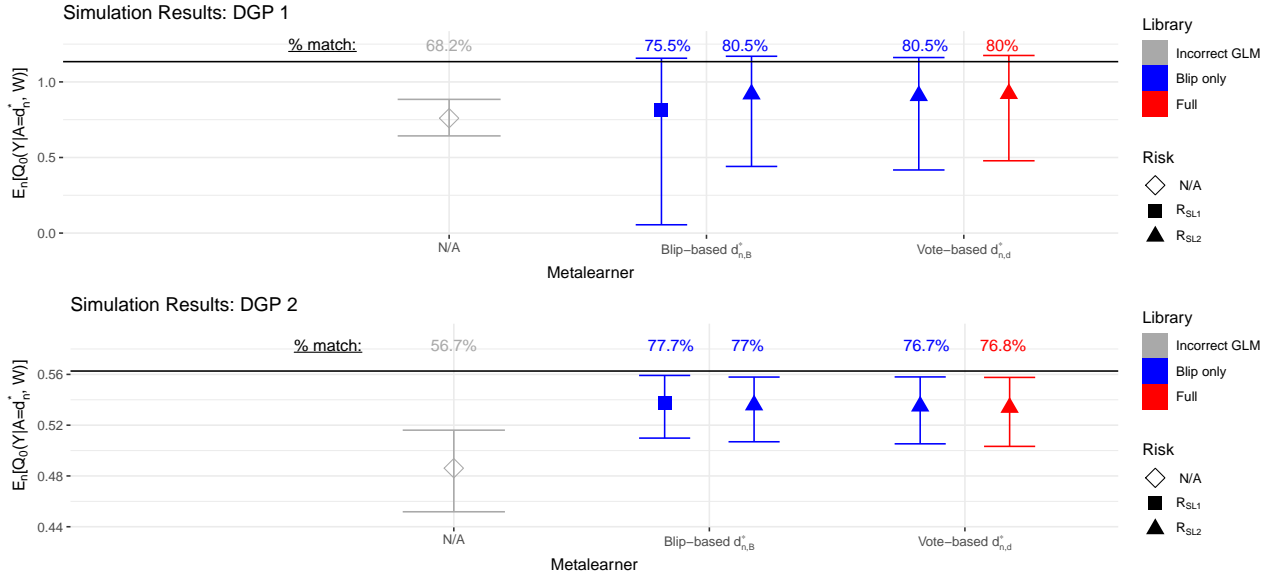
Table 3: bin - 1c

## SMOOTH2

```
## geom_path: Each group consists of only one observation. Do you need to
## adjust the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to
## adjust the group aesthetic?
```

|  | MSE      | TMLE     |
|--|----------|----------|
| Bias   | -0.07652 | -0.07652 |
| Variance   | 0.00027  | 0.00027  |
| MSE  | 0.00613  | 0.00613  |
| estimates..1.....grep.colnames.estimates..1.....pattern....coef... | 1.00000  | 1.00000  |

Table 4: bin - step5a



```
## Warning in file(file, ifelse(append, "a", "w")): cannot open file 'simulations/odtr/tables/D
No such file or directory
## Error in file(file, ifelse(append, "a", "w")): cannot open the connection
## Warning in file(file, ifelse(append, "a", "w")): cannot open file 'simulations/odtr/tables/D
No such file or directory
## Error in file(file, ifelse(append, "a", "w")): cannot open the connection
## Warning in file(file, ifelse(append, "a", "w")): cannot open file 'simulations/odtr/tables/c
No such file or directory
## Error in file(file, ifelse(append, "a", "w")): cannot open the connection
## Warning in file(file, ifelse(append, "a", "w")): cannot open file 'simulations/odtr/tables/c
No such file or directory
## Error in file(file, ifelse(append, "a", "w")): cannot open the connection
```