MI Paper Plots
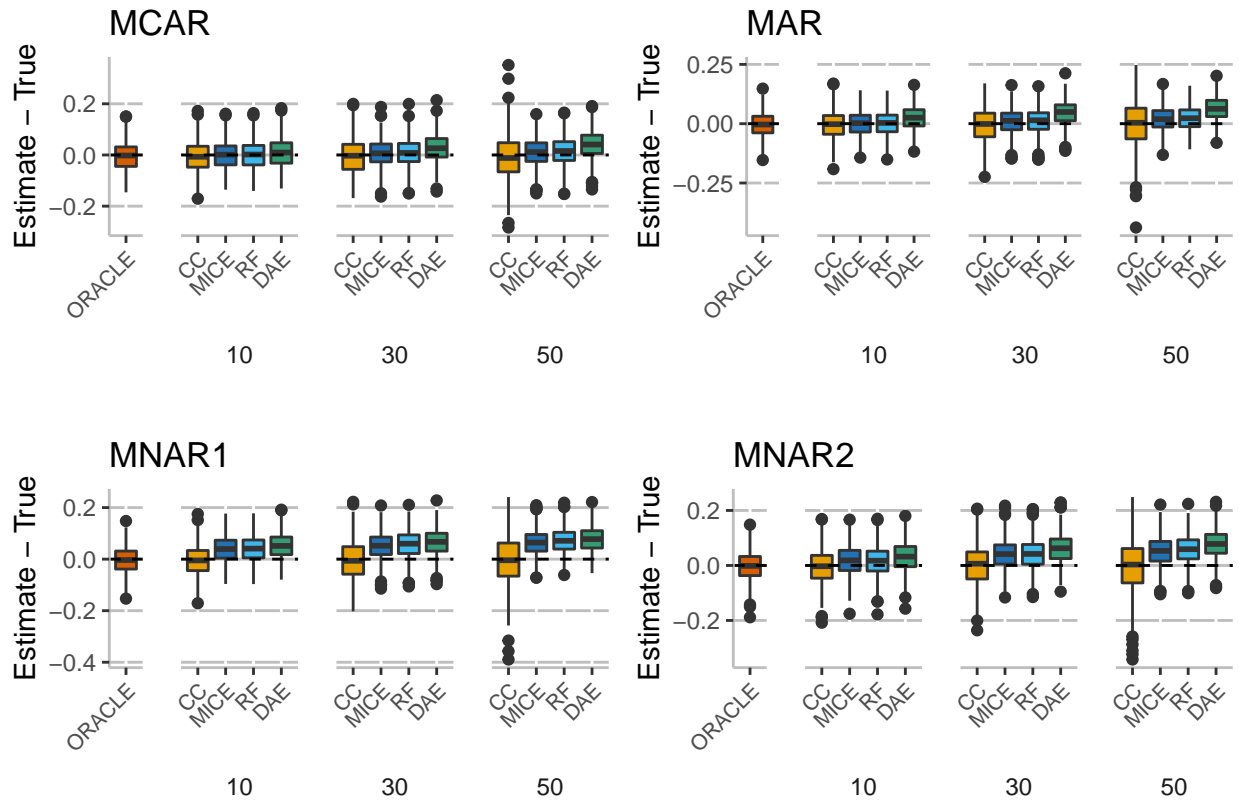
Kylie Getz and Kristin Linn

5/21/2022

Results using 500 simulations, 10 MI trueTreatment approx -0.69, trueEcog appox 0.4
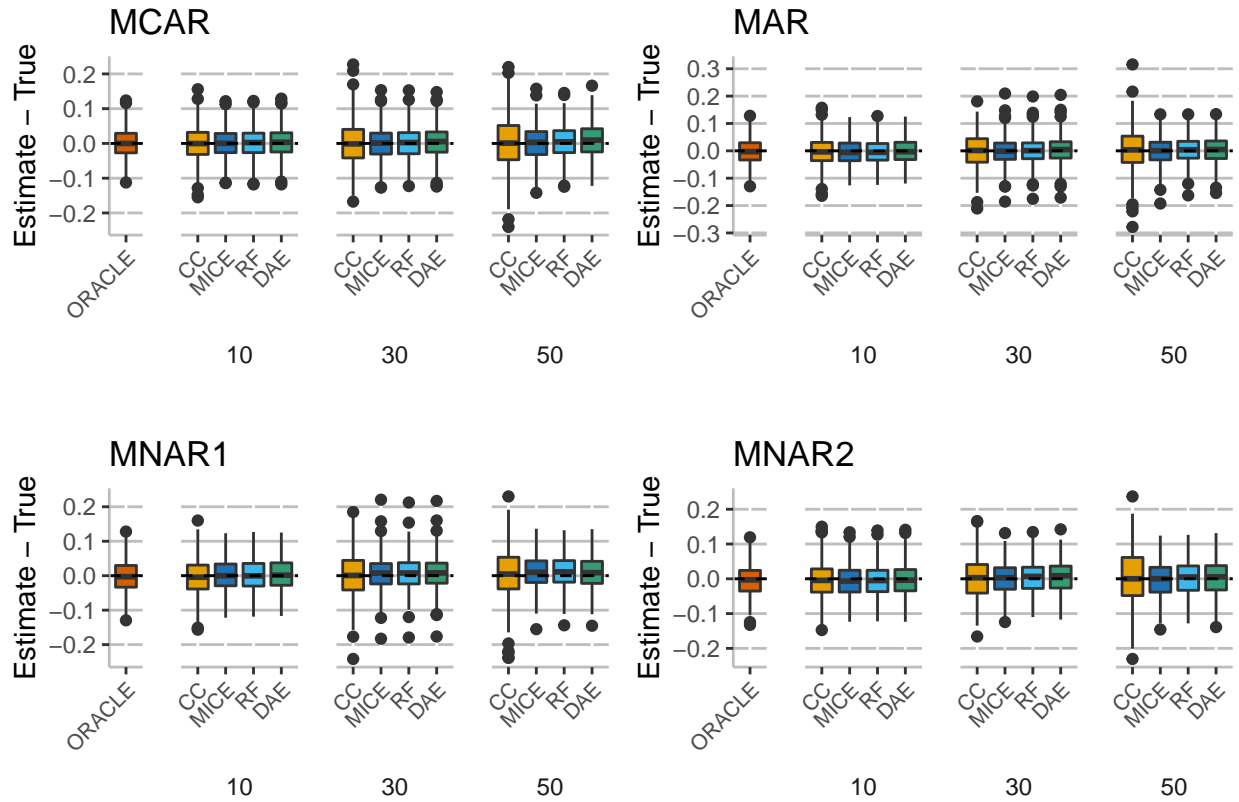
os1 <- coxph(Surv(cmonth, dead) ~ treat + genderf +
reth_black + reth_hisp + reth_oth + practypec + b.ecogvalue + smokey + dgradeh + surgery + site_ureter
+ site_renal + site_urethra + age + var1 + var2, data=sdat.c, x=T)
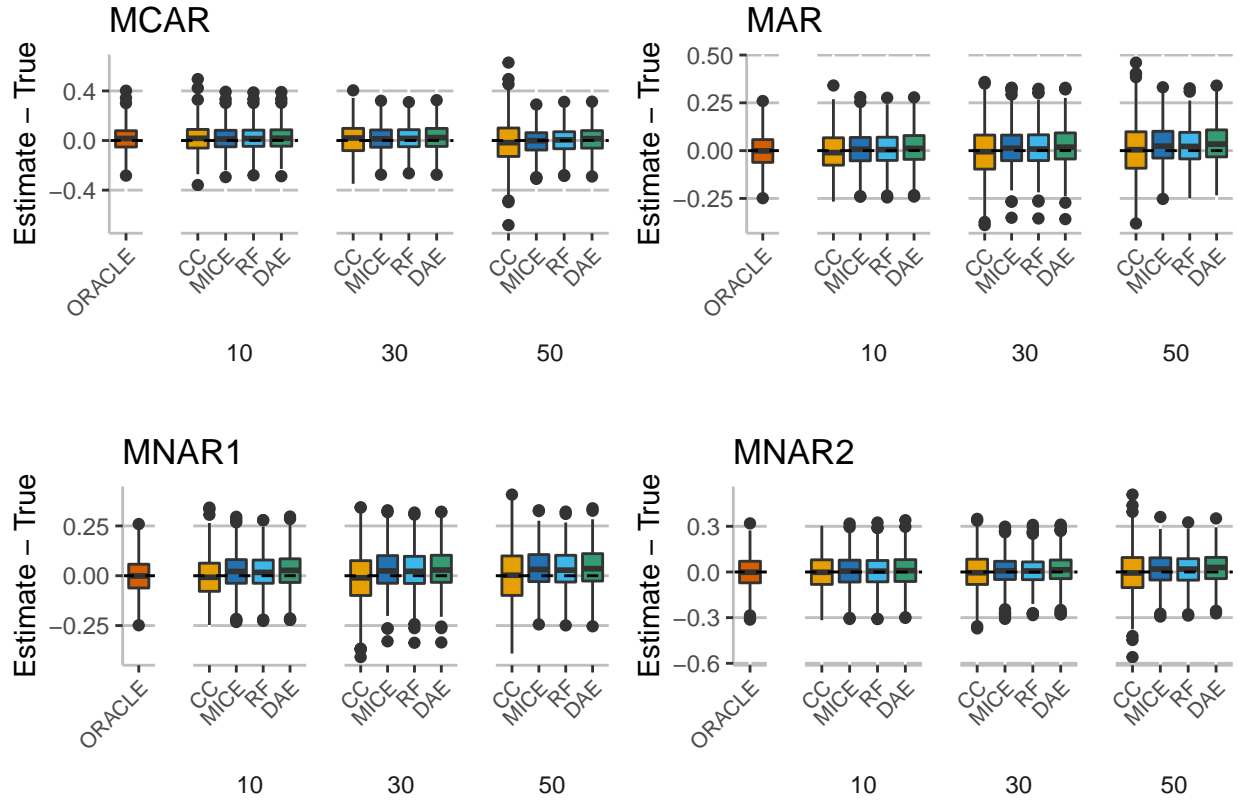
treat


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z     cells    name              grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```

genderf


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z    cells     name          grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```

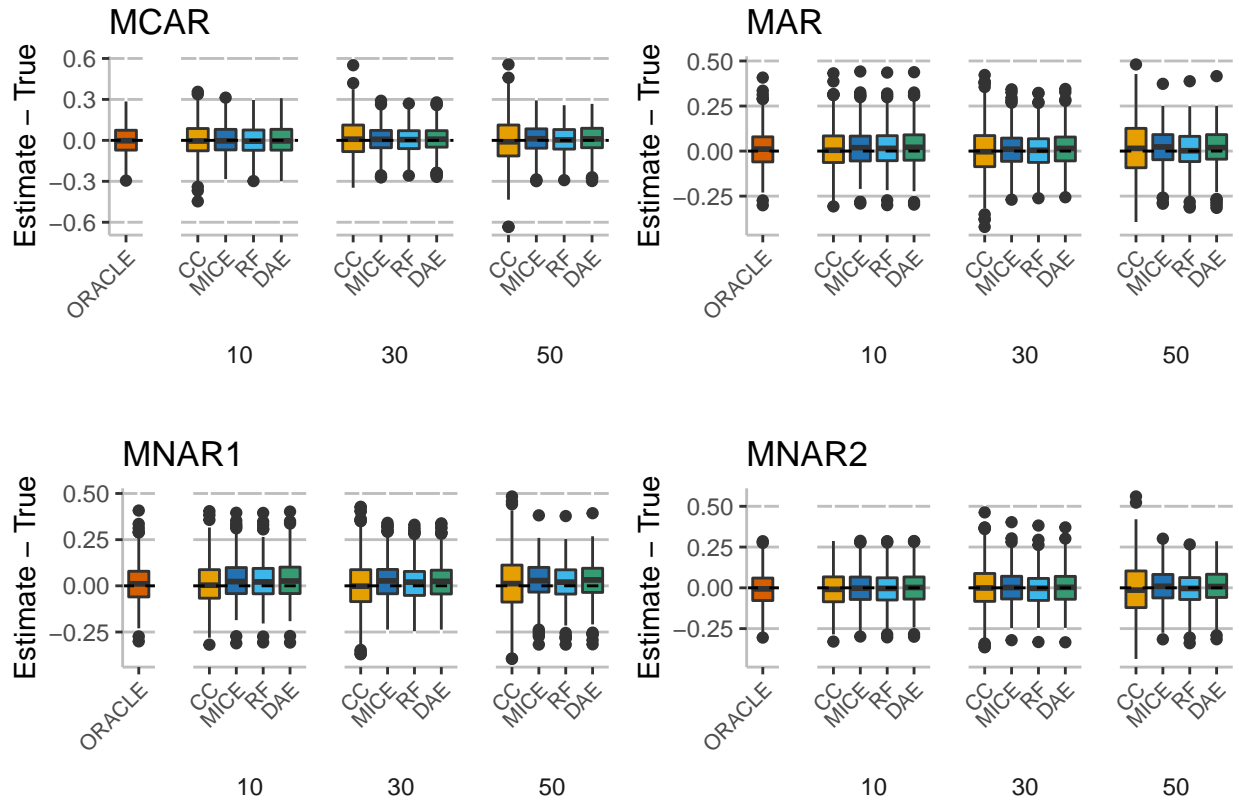## reth_black

MCAR
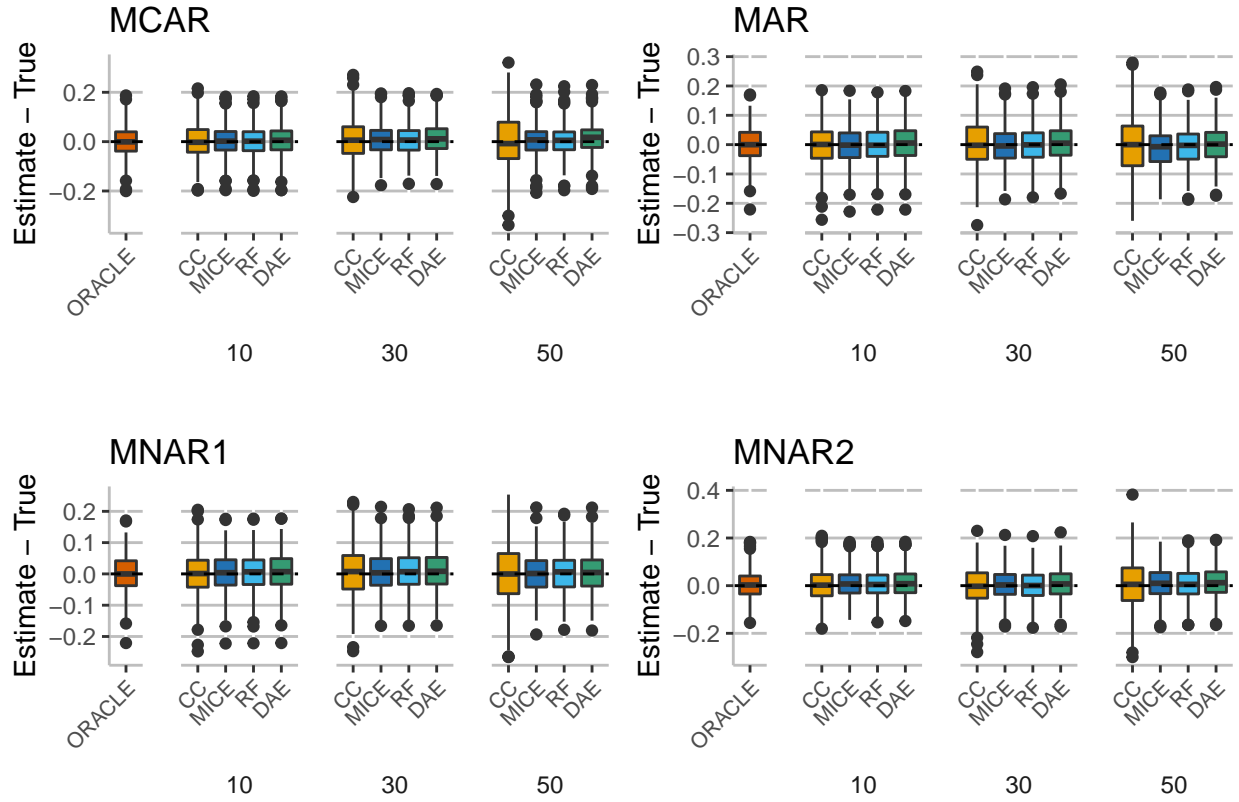
MAR

MNAR1

MNAR2

```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z    cells    name        grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```

reth_hisp

MCAR

MAR

MNAR1

MNAR2


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z    cells     name          grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```
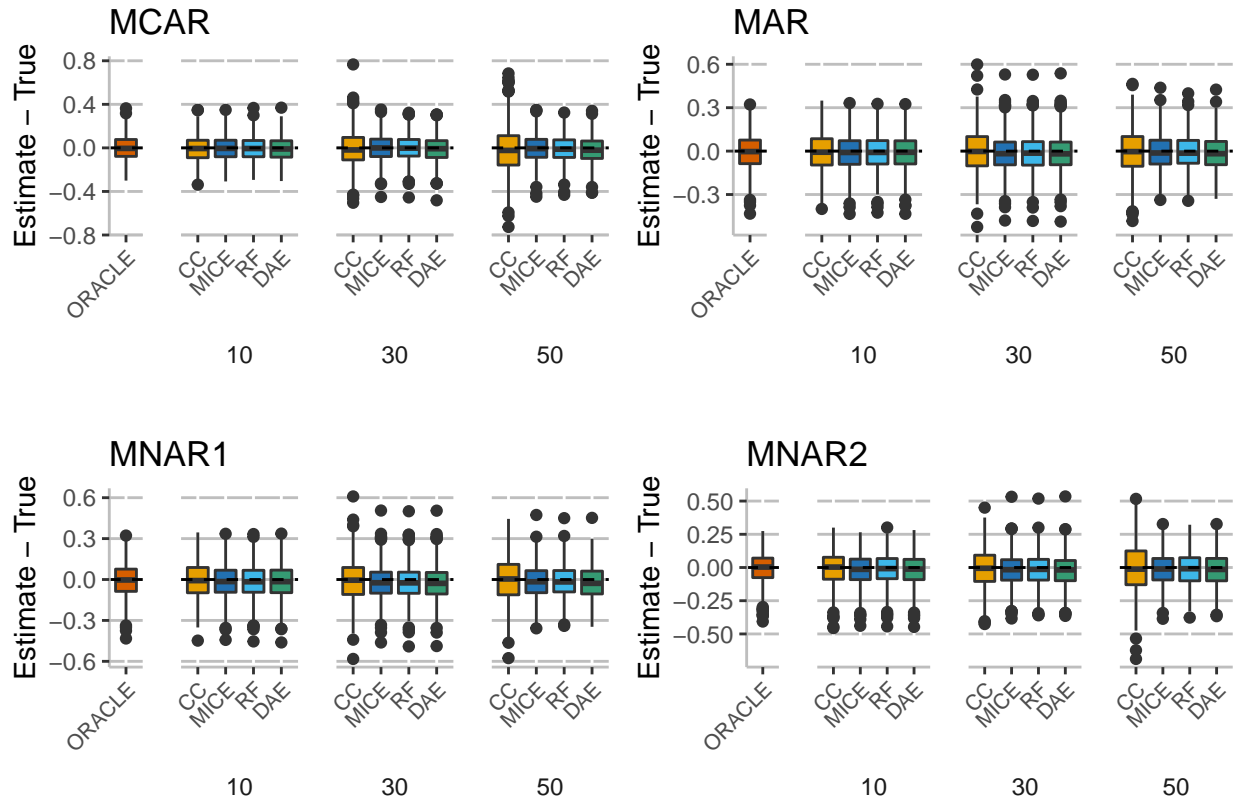
reth_oth


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z    cells     name          grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```
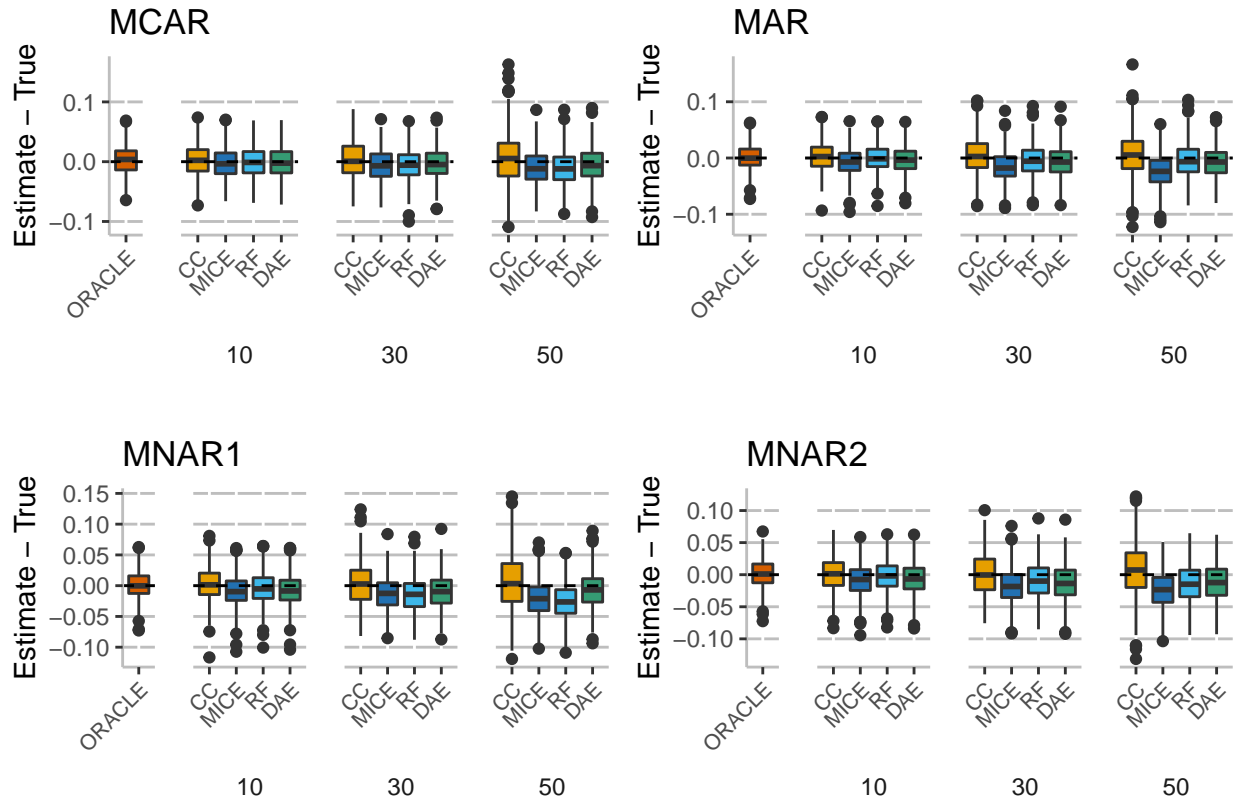
practypec


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z    cells      name          grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```
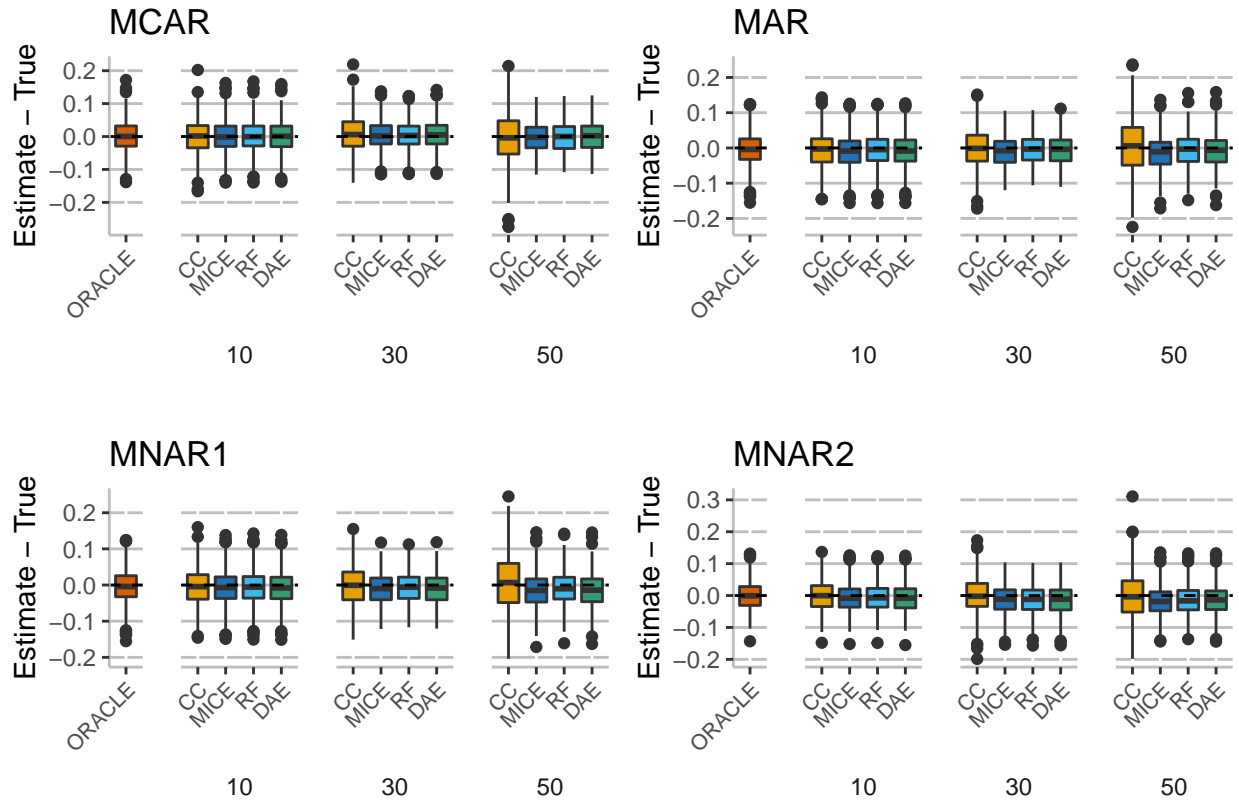
b.ecogvalue


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z    cells    name        grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```
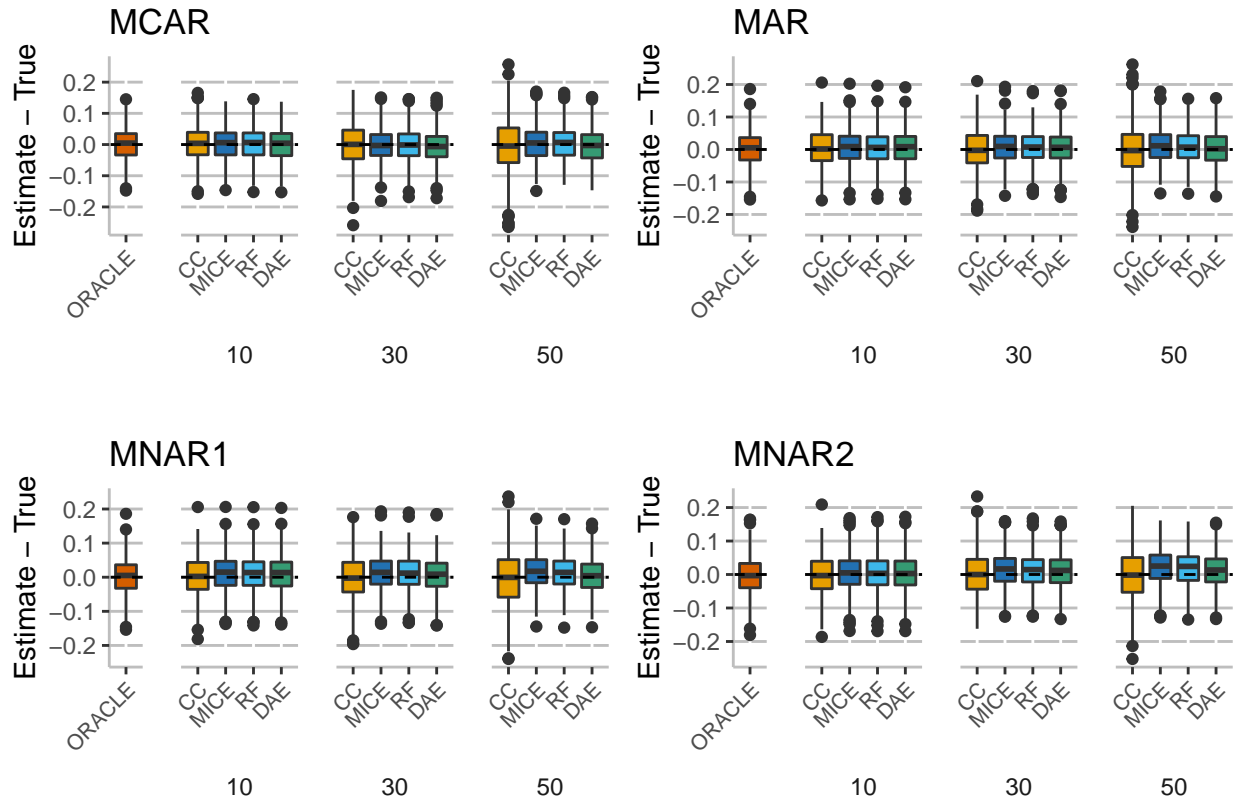
smokey


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z    cells    name            grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```

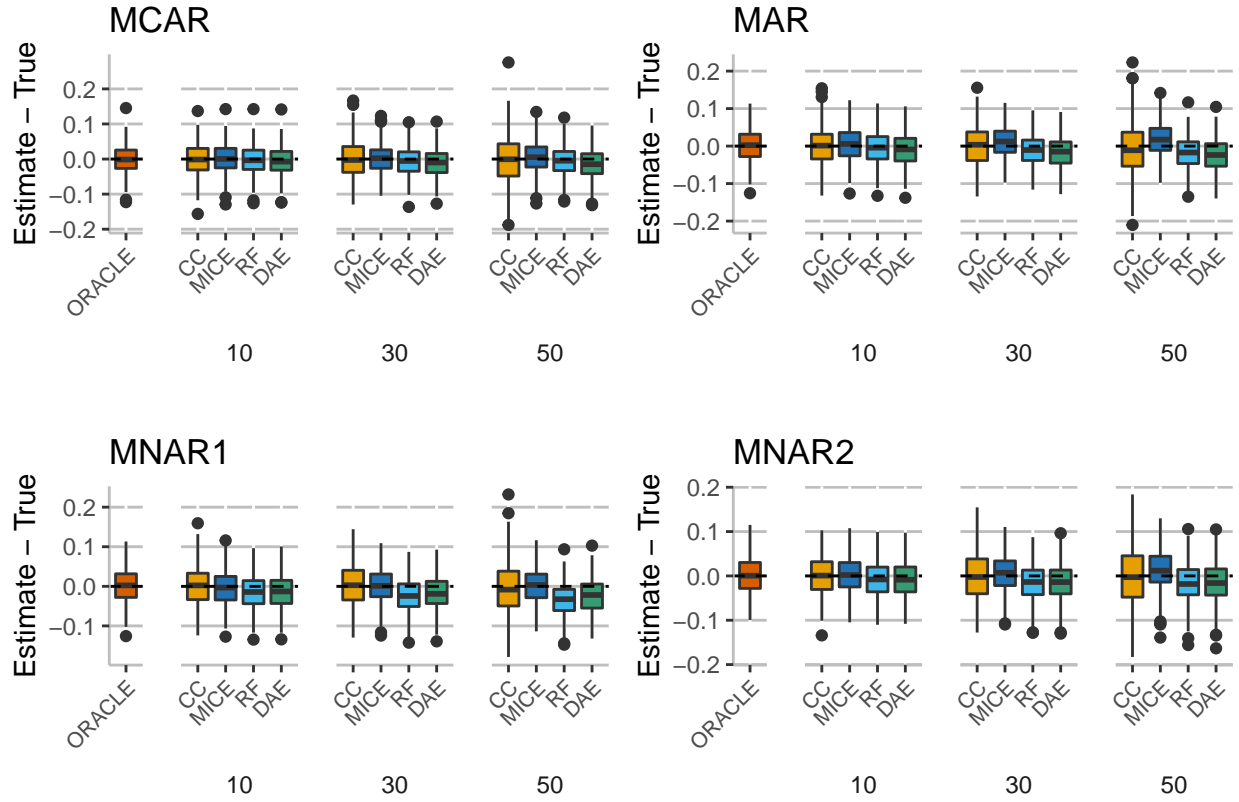# dgradeh


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z    cells    name           grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```

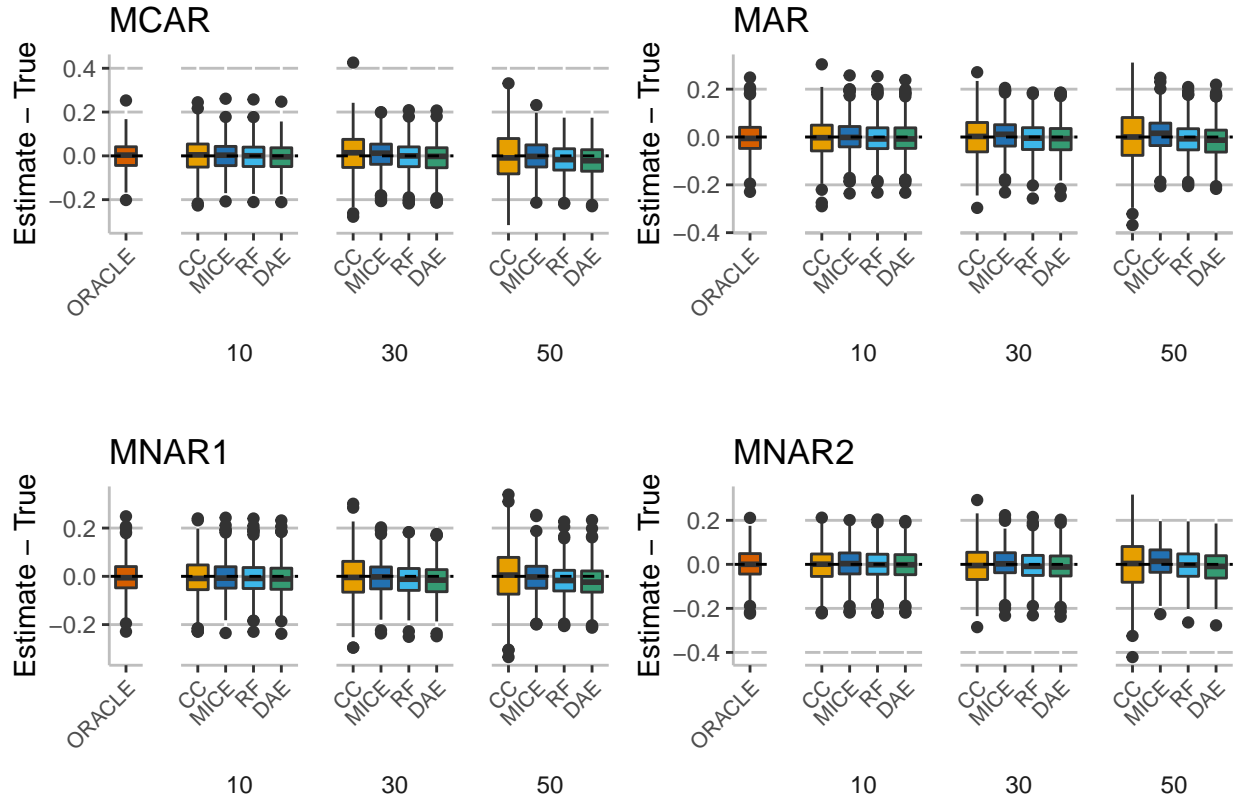## surgery


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z     cells     name          grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```
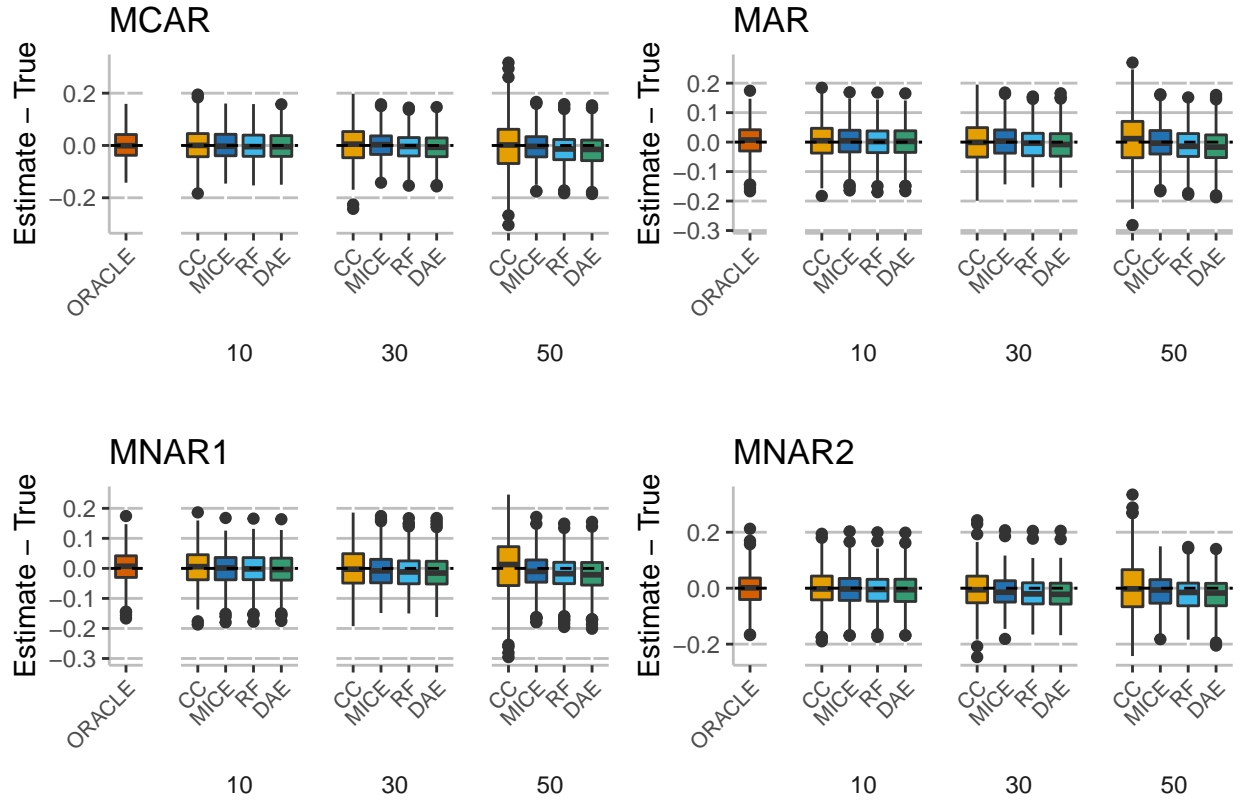
site__ureter


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z   cells    name          grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```
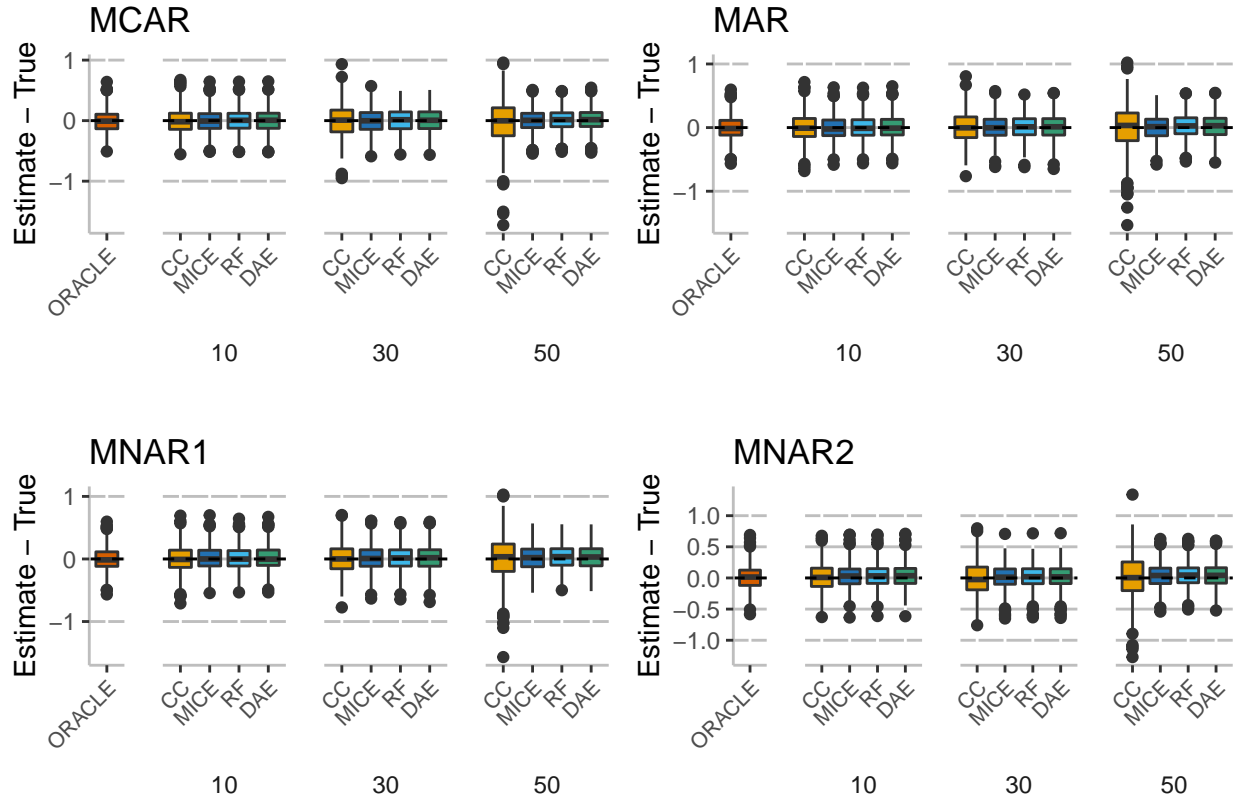
site_renal


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z   cells     name        grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```
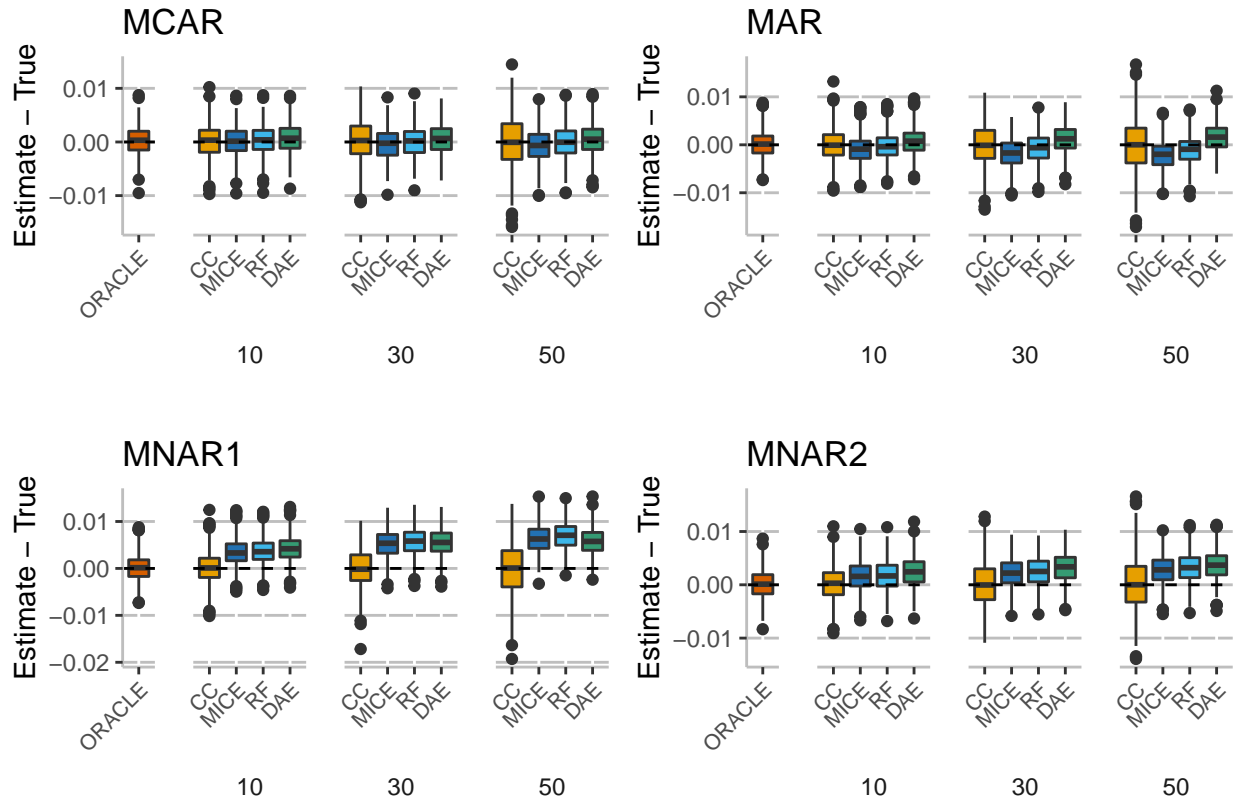
site__urethra


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z    cells    name           grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```
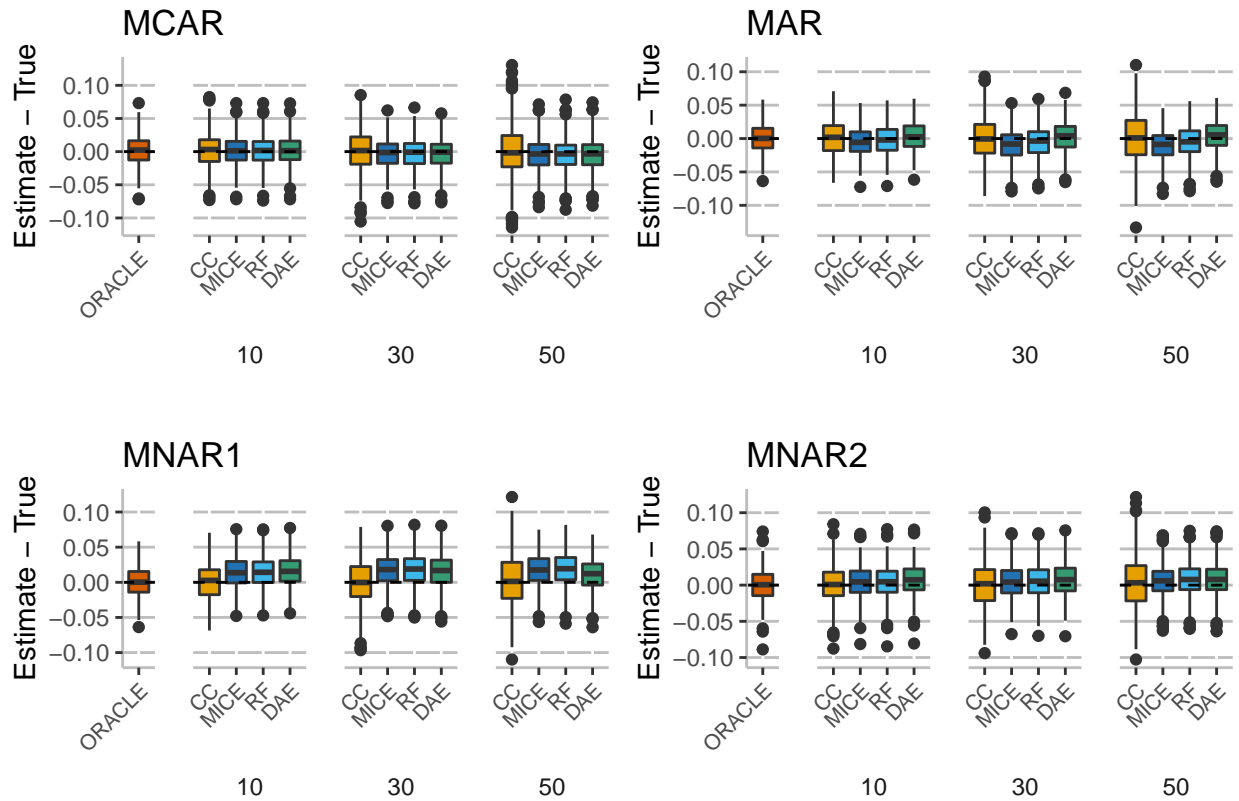
age


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z    cells    name          grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```
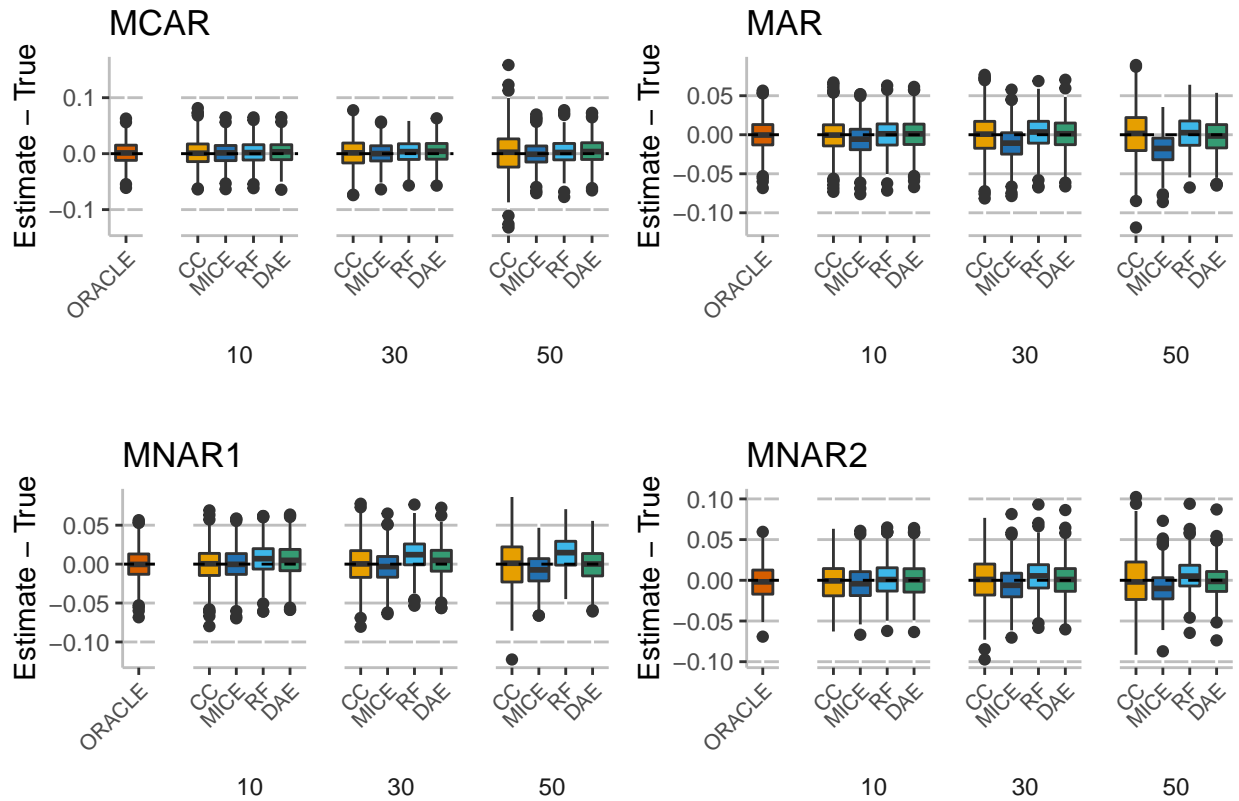
var1


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z     cells     name              grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```

var2

MCAR

MAR

MNAR1

MNAR2


```
## TableGrob (2 x 2) "arrange": 4 grobs
##   z     cells     name           grob
## 1 1 (1-1,1-1) arrange gtable[layout]
## 2 2 (1-1,2-2) arrange gtable[layout]
## 3 3 (2-2,1-1) arrange gtable[layout]
## 4 4 (2-2,2-2) arrange gtable[layout]
```

All Figures

```
## [1] 1
```

```
## [1] 2
```

```
## [1] 3
```

```
## [1] 4
```

```
## [1] 5
```

```
## [1] 6
```

```
## [1] 7
```

```
## [1] 8
```

```
## [1] 9
```

```
## [1] 10
```

```
## [1] 11
```

```
## [1] 12
## [1] 13
## [1] 14
## [1] 15
## [1] 16
```