

Untitled

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##
## Please cite as:
## Hlavac, Marek (2022). stargazer: Well-Formatted Regression and Summary Statistics Tables.
## R package version 5.2.3. https://CRAN.R-project.org/package=stargazer
##
## Attaching package: 'dplyr'
## The following object is masked from 'package:kableExtra':
##
##   group_rows
## The following objects are masked from 'package:stats':
##
##   filter, lag
## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union
##
## Attaching package: 'data.table'
## The following objects are masked from 'package:dplyr':
##
##   between, first, last
output_filename <- paste0('~/.Repo/te_vim/simu_res/theta_s/', "local_", 500, "_", '2022-10-02', '.csv')
res1 <- read_csv(output_filename) %>% mutate(n = 500)

## New names:
## Rows: 500 Columns: 11
## -- Column specification
## ----- Delimiter: "," chr
## (1): ...1 dbl (10): i, truth, cvtmle, cvtmle_se, cvtmle_lower, cvtmle_upper,
## cvaipw, ...
## i Use `spec()` to retrieve the full column specification for this data. i
## Specify the column types or set `show_col_types = FALSE` to quiet this message.
## * `` -> `...1`
output_filename <- paste0('~/.Repo/te_vim/simu_res/theta_s/', "local_", 2000, "_", '2022-10-02', '.csv')
res2 <- read_csv(output_filename) %>% mutate(n = 2000)

## New names:
## Rows: 500 Columns: 11
## -- Column specification
```

```

## ----- Delimiter: "," chr
## (1): ...1 dbl (10): i, truth, cvtmle, cvtmle_se, cvtmle_lower, cvtmle_upper,
## cvaipw, ...
## i Use `spec()` to retrieve the full column specification for this data. i
## Specify the column types or set `show_col_types = FALSE` to quiet this message.
## * `` -> `...1`

output_filename <- paste0('~Repo/te_vim/simu_res/theta_s/', "local_", 5000, "_", '2022-10-02', '.csv')
res3 <- read_csv(output_filename) %>% mutate(n = 5000)

## New names:
## Rows: 500 Columns: 11
## -- Column specification
## ----- Delimiter: "," chr
## (1): ...1 dbl (10): i, truth, cvtmle, cvtmle_se, cvtmle_lower, cvtmle_upper,
## cvaipw, ...
## i Use `spec()` to retrieve the full column specification for this data. i
## Specify the column types or set `show_col_types = FALSE` to quiet this message.
## * `` -> `...1`

output_filename <- paste0('~Repo/te_vim/simu_res/theta_s/', "local_", 7000, "_", '2022-10-03', '.csv')
res4 <- read_csv(output_filename) %>% mutate(n = 7000)

## New names:
## Rows: 500 Columns: 11
## -- Column specification
## ----- Delimiter: "," chr
## (1): ...1 dbl (10): i, truth, cvtmle, cvtmle_se, cvtmle_lower, cvtmle_upper,
## cvaipw, ...
## i Use `spec()` to retrieve the full column specification for this data. i
## Specify the column types or set `show_col_types = FALSE` to quiet this message.
## * `` -> `...1`

output_filename <- paste0('~Repo/te_vim/simu_res/theta_s/', "local_", 10000, "_", '2022-10-03', '.csv')
res5 <- read_csv(output_filename) %>% mutate(n = 10000)

## New names:
## Rows: 500 Columns: 11
## -- Column specification
## ----- Delimiter: "," chr
## (1): ...1 dbl (10): i, truth, cvtmle, cvtmle_se, cvtmle_lower, cvtmle_upper,
## cvaipw, ...
## i Use `spec()` to retrieve the full column specification for this data. i
## Specify the column types or set `show_col_types = FALSE` to quiet this message.
## * `` -> `...1`

res <- rbind(res1, res2, res3, res4, res5)

## `summarise()` has grouped output by 'n'. You can override using the `.groups`
## argument.

#wide to long
#merge

```

Table 1: Performance of CV-TMLE and CV-EE for Theta

n	Method	True_Theta	Variance	Bias	MSE	Coverage	Coverage_or	CI_width
500	CV-TMLE	0.686	0.027	-0.132	0.044	0.758	0.866	0.568
	CV-EE	0.686	0.029	-0.173	0.059	0.734	0.834	0.614
2000	CV-TMLE	0.686	0.007	-0.051	0.009	0.830	0.890	0.295
	CV-EE	0.686	0.006	-0.059	0.010	0.840	0.882	0.301
5000	CV-TMLE	0.686	0.003	-0.026	0.003	0.894	0.920	0.190
	CV-EE	0.686	0.003	-0.028	0.003	0.896	0.916	0.190
7000	CV-TMLE	0.686	0.002	-0.020	0.002	0.888	0.920	0.161
	CV-EE	0.686	0.002	-0.020	0.002	0.888	0.916	0.161
10000	CV-TMLE	0.686	0.001	-0.021	0.002	0.906	0.906	0.134
	CV-EE	0.686	0.001	-0.020	0.001	0.902	0.900	0.134

```

data_long %>%
  mutate(across(where(is.numeric), ~ round(., 3))) %>%
  kable("latex", booktabs = T, caption = "Performance of CV-TMLE and CV-EE for Theta") %>%
  collapse_rows(columns = 1, latex_hline = "major", valign = "middle")%>%
  kable_styling(latex_options = "scale_down")

```