Simulation Summary (2S-PA Only)

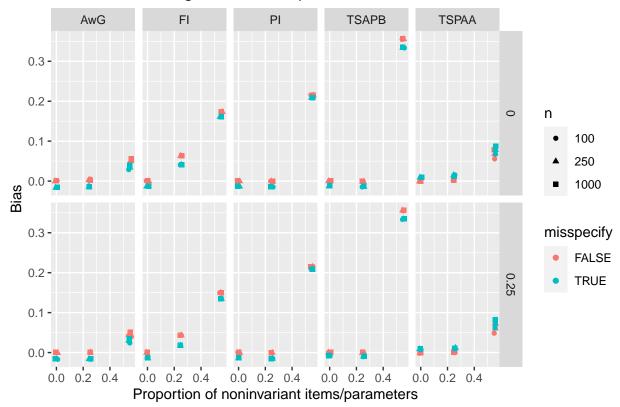
Winnie Wing-Yee Tse

2022-09-07

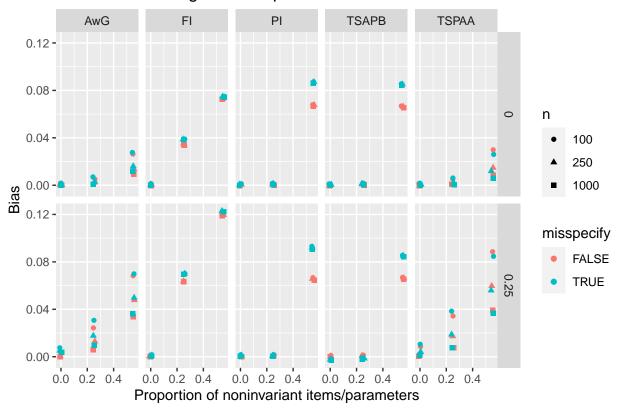
```
library(tidyverse)
## -- Attaching packages ------ tidyverse 1.3.1 --
## v ggplot2 3.3.6 v purrr
                                0.3.4
## v tibble 3.1.8 v dplyr 1.0.9
## v tidyr 1.2.0 v stringr 1.4.0
## v readr 2.1.2 v forcats 0.5.1
## -- Conflicts ----- tidyverse conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()
                    masks stats::lag()
simres <- readRDS("simresults.rds")</pre>
simres_long <- simres %>%
  tibble::rowid_to_column("cond") %>%
  pivot_longer(
    bias.est_PI_meani:coverage.ci_TSAPB_vars,
    names_to = c("criteria", "method", "stat", "par"),
    values_to = "value",
    names_pattern = "(.*)_(.*)_(.*)(.)"
```

Bias

Bias for estimating mean intercept

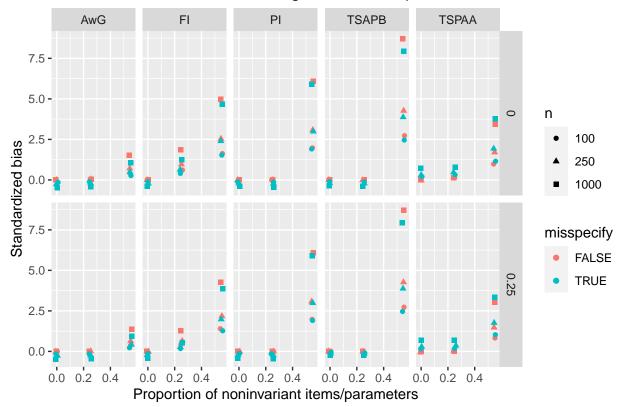


Bias for estimating mean slope

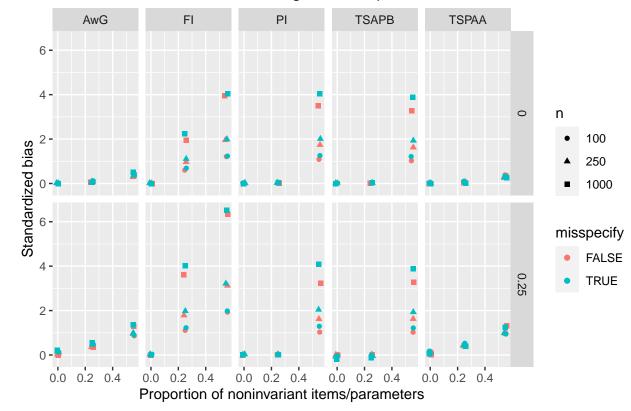


Standardized Bias

Standardized Bias for estimating mean intercept

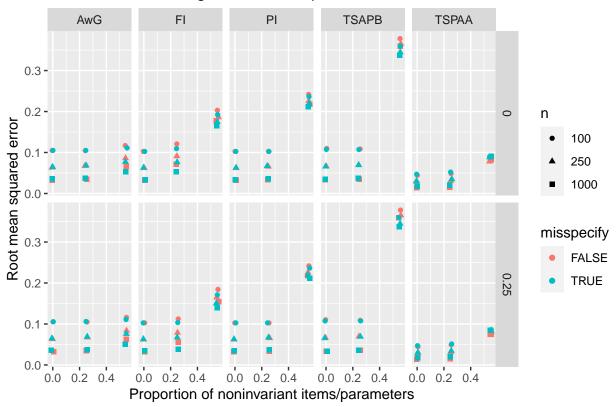


Standardized Bias for estimating mean slope

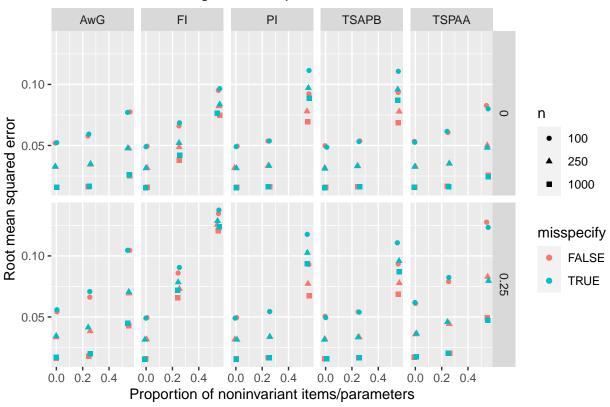


RMSE

RMSE for estimating mean intercept

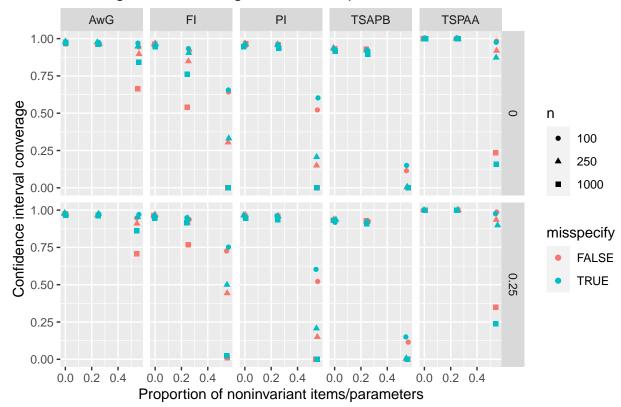


RMSE for estimating mean slope



Confidence Interval Converge

Coverage for estimating mean intercept



Coverage for estimating mean slope

