semmcci: External Tests

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Tests

```
#> test-external-semmcci-mc-mi-simple-med-fixed-x-mean-structure
#> Test passed

#> test-external-semmcci-mc-mi-simple-med-fixed-x

#> Test passed

#> test-external-semmcci-mc-mi-simple-med-random-x-mean-structure

#> Test passed

#> test-external-semmcci-mc-mi-simple-med-random-x

#> Test passed

#> test-external-semmcci-mc-mi-simple-med-std

#> Test passed

#> test-external-semmcci-mc-simple-med-fixed-x-mean-structure

#> Test passed

#> test-external-semmcci-mc-simple-med-fixed-x

#> Test passed

#> test-external-semmcci-mc-simple-med-random-x-mean-structure

#> Test passed

#> test-external-semmcci-mc-simple-med-random-x

#> Test passed

#> test-external-semmcci-mc-simple-med-std
```

```
#> Test passed
#> [[1]]
#> [[1]][[1]]
#> [[1]][[1]]$value
#> [[1]][[1]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]][[1]]$visible
#> [1] TRUE
#>
#>
#> [[1]][[2]]
#> [[1]][[2]]$value
#> [[1]][[2]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]][[2]]$visible
#> [1] TRUE
#>
#>
#> [[1]][[3]]
#> [[1]][[3]]$value
#> [[1]][[3]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]][[3]]$visible
#> [1] TRUE
#>
#>
#> [[1]][[4]]
#> [[1]][[4]]$value
#> [[1]][[4]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]][[4]]$visible
#> [1] TRUE
#>
#>
#> [[1]][[5]]
#> [[1]][[5]]$value
#> [[1]][[5]]$value[[1]]
#> [1] TRUE
```

```
#> 
#> 
#> [[1]][[5]]$visible
#> [1] TRUE
#> 
#> 
#> [[1]][[6]]
#> [[1]][[6]]$value
#> [[1]][[6]]$value[[1]]
#> [1] TRUE
#> 
#> 
#> [[1]][[6]]$visible
#> [1] TRUE
#> 
#> 
#> [[1]][[7]]
#> [[1]][[7]]$value
#> [[1]][[7]]$value[[1]]
#> [1] TRUE
#> 
#> 
#> [[1]][[7]]$visible
#> [1] TRUE
#> 
#> 
#> [[1]][[8]]
#> [[1]][[8]]$value
#> [[1]][[8]]$value[[1]]
#> [1] TRUE
#> 
#> 
#> [[1]][[8]]$visible
#> [1] TRUE
#> 
#> 
#> [[1]][[9]]
#> [[1]][[9]]$value
#> [[1]][[9]]$value[[1]]
#> [1] TRUE
#> 
#> 
#> [[1]][[9]]$visible
#> [1] TRUE
#> 
#> 
```

```
#> [[1]][[10]]
#> [[1]][[10]]$value
#> [[1]][[10]]$value[[1]]
#> [1] TRUE
#>
#>
#> [[1]][[10]]$visible
#> [1] TRUE
```

Environment

```r
ls()

#> [1] "root"
```

Class

```
#> [[1]]
#> [1] "root_criterion"
```

References

Pesigan, I. J. A., & Cheung, S. F. (2024). Monte Carlo confidence intervals for the indirect effect with missing data. *Behavior Research Methods*, *56*(3), 1678–1696. https://doi.org/10.3758/s13428-023-02114-4

R Core Team. (2025). *R: A language and environment for statistical computing.* R Foundation for Statistical Computing. Vienna, Austria. https://www.R-project.org/