Session Info

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Session

```
sessionInfo()
#> R version 4.3.2 (2023-10-31)
#> Platform: x86_64-pc-linux-gnu (64-bit)
#> Running under: Ubuntu 20.04.6 LTS
#>
#> Matrix products: default
          /usr/lib/x86_64-linux-gnu/atlas/libblas.so.3.10.3
#> LAPACK: /usr/lib/x86_64-linux-gnu/atlas/liblapack.so.3.10.3; LAPACK version 3.9.0
#> locale:
#> [1] LC_CTYPE=C.UTF-8
                         LC_NUMERIC=C
                                               LC_TIME=C.UTF-8
  [4] LC_COLLATE=C.UTF-8
                            LC_MONETARY=C.UTF-8 LC_MESSAGES=C.UTF-8
#> [7] LC_PAPER=C.UTF-8
                            LC_NAME=C
                                                    LC_ADDRESS=C
#> [10] LC_TELEPHONE=C
                            LC_MEASUREMENT=C.UTF-8 LC_IDENTIFICATION=C
#>
#> time zone: UTC
#> tzcode source: system (glibc)
```

```
#> attached base packages:
#> [1] stats
                graphics grDevices utils
                                            datasets methods
                                                                base
#> other attached packages:
#> [1] lavaan_0.6-17
                      semmcci_1.1.4.9000 rProject_0.0.9
#>
#> loaded via a namespace (and not attached):
#> [1] httr_1.4.7
                        cli_3.6.2.9000
                                         knitr_1.45
                                                           rlang_1.1.3
#> [5] xfun_0.42
                        stringi_1.8.3
                                         highr_0.10
                                                           generics_0.1.3
#> [9] jsonlite_1.8.8
                        glue_1.7.0
                                          backports_1.4.1
                                                           pbivnorm_0.6.0
#> [13] plyr_1.8.9
                        rprojroot_2.0.4 stats4_4.3.2
                                                           RefManageR_1.4.0
#> [17] quadprog_1.5-8 evaluate_0.23
                                          lifecycle_1.0.4
                                                           stringr_1.5.1
#> [21] compiler_4.3.2
                        Rcpp_1.0.12
                                          timechange_0.3.0 bibtex_0.5.1
#> [25] rstudioapi_0.15.0 R6_2.5.1
                                          parallel_4.3.2
                                                           mnormt_2.1.1
#> [29] magrittr_2.0.3
                        tools_4.3.2
                                          lubridate_1.9.3 xml2_1.3.6
```

Packages

```
unname(installed.packages()[, 1])
#>
     [1] "abind"
                           "Amelia"
                                             "arm"
                                                              "askpass"
     [5] "assertthat"
                           "backports"
                                             "base64enc"
                                                              "betaDelta"
     [9] "betaMC"
                           "betaNB"
                                             "betaSandwich"
                                                              "bibtex"
#>
    [13] "bit"
                           "bit64"
                                             "blob"
                                                              "bmemLavaan"
    [17] "brew"
                           "brio"
                                            "broom"
                                                              "bslib"
                                            "cellranger"
    [21] "cachem"
                           "callr"
                                                              "cffr"
    [25] "cli"
                           "clipr"
                                             "coda"
                                                              "colorspace"
```

#>	[29]	"commonmark"	"conflicted"	"covr"	"cpp11"
#>	[33]	"crayon"	"credentials"	"crosstalk"	"curl"
#>	[37]	"cyclocomp"	"data.table"	"DBI"	"dbplyr"
#>	[41]	"desc"	"devtools"	"diffobj"	"digest"
#>	[45]	"distro"	"downlit"	"dplyr"	"DT"
#>	[49]	"dtplyr"	"ellipsis"	"evaluate"	"fansi"
#>	[53]	"farver"	"fastmap"	"fontawesome"	"forcats"
#>	[57]	"foreach"	"fs"	"gargle"	"generics"
#>	[61]	"gert"	"ggplot2"	"gh"	"gitcreds"
#>	[65]	"glmnet"	"glue"	"googledrive"	"googlesheets4"
#>	[69]	"gtable"	"haven"	"highr"	"hms"
#>	[73]	"htmltools"	"htmlwidgets"	"httpuv"	"httr"
#>	[77]	"httr2"	"ids"	"ini"	"isoband"
#>	[81]	"iterators"	"jomo"	"jquerylib"	"jsonlite"
#>	[85]	"jsonvalidate"	"knitr"	"labeling"	"later"
#>	[89]	"lavaan"	"lazyeval"	"lifecycle"	"lintr"
#>	[93]	"lme4"	"lubridate"	"magick"	"magrittr"
#>	[97]	"markdown"	"memoise"	"mi"	"mice"
#>	[101]	"microbenchmark"	"mime"	"miniUI"	"minqa"
#>	[105]	"mitml"	"mnormt"	"modelr"	"munsell"
#>	[109]	"nloptr"	"numDeriv"	"openssl"	"ordinal"
#>	[113]	"pan"	"parsedate"	"pbivnorm"	"pdftools"
#>	[117]	"pillar"	"pkgbuild"	"pkgconfig"	"pkgdown"
#>	[121]	"pkgload"	"plyr"	"praise"	"prettyunits"
#>	[125]	"printr"	"processx"	"profvis"	"progress"
#>	[129]	"promises"	"ps"	"psych"	"purrr"
#>	[133]	"qpdf"	"quadprog"	"quarto"	"R.cache"

#>	[137]	"R.methodsS3"	"R.00"	"R.utils"	"R6"
#>	[141]	"ragg"	"rappdirs"	"rcmdcheck"	"RColorBrewer"
#>	[145]	"Rcpp"	"RcppArmadillo"	"RcppEigen"	"readr"
#>	[149]	"readxl"	"RefManageR"	"rematch"	"rematch2"
#>	[153]	"remotes"	"reprex"	"rex"	"rhub"
#>	[157]	"rlang"	"rmarkdown"	"roxygen2"	"rProject"
#>	[161]	"rprojroot"	"rsem"	"rstudioapi"	"rversions"
#>	[165]	"rvest"	"sass"	"scales"	"selectr"
#>	[169]	"sem"	"semmcci"	"sessioninfo"	"shape"
#>	[173]	"shiny"	"snow"	"snowfall"	"sourcetools"
#>	[177]	"stringi"	"stringr"	"styler"	"sys"
#>	[181]	"systemfonts"	"testthat"	"textshaping"	"tibble"
#>	[185]	"tidyr"	"tidyselect"	"tidyverse"	"timechange"
#>	[189]	"tinytex"	"tzdb"	"ucminf"	"urlchecker"
		"tinytex" "usethis"	"tzdb" "utf8"	"ucminf" "uuid"	"urlchecker"
#>	[193]				
#> #>	[193] [197]	"usethis"	"utf8"	"uuid"	"γ8"
#> #> #>	[193] [197] [201]	"usethis" "vctrs"	"utf8" "viridisLite"	"uuid" "vroom"	"V8" "waldo"
#> #> #>	[193] [197] [201] [205]	"usethis" "vctrs" "whisker"	"utf8" "viridisLite" "whoami"	"uuid" "vroom" "withr"	"V8" "waldo" "xfun"
#> #> #> #>	[193] [197] [201] [205] [209]	"usethis" "vctrs" "whisker" "xml2"	"utf8" "viridisLite" "whoami" "xmlparsedata"	"uuid" "vroom" "withr" "xopen"	"V8" "waldo" "xfun" "xtable"
#> #> #> #> #>	[193] [197] [201] [205] [209] [213]	"usethis" "vctrs" "whisker" "xm12" "yam1"	"utf8" "viridisLite" "whoami" "xmlparsedata" "zip"	"uuid" "vroom" "withr" "xopen" "base"	"V8" "waldo" "xfun" "xtable" "boot"
#> #> #> #> #>	[193] [197] [201] [205] [209] [213] [217]	"usethis" "vctrs" "whisker" "xml2" "yaml" "class"	"utf8" "viridisLite" "whoami" "xmlparsedata" "zip" "cluster"	"uuid" "vroom" "withr" "xopen" "base" "codetools"	"V8" "waldo" "xfun" "xtable" "boot" "compiler"
#> #> #> #> #> #>	[193] [197] [201] [205] [209] [213] [217] [221]	"usethis" "vctrs" "whisker" "xm12" "yam1" "class" "datasets"	"utf8" "viridisLite" "whoami" "xmlparsedata" "zip" "cluster" "foreign"	"uuid" "vroom" "withr" "xopen" "base" "codetools" "graphics"	"V8" "waldo" "xfum" "xtable" "boot" "compiler" "grDevices"
#> #> #> #> #> #>	[193] [197] [201] [205] [209] [213] [217] [221] [225]	"usethis" "vctrs" "whisker" "xml2" "yaml" "class" "datasets" "grid"	"utf8" "viridisLite" "whoami" "xmlparsedata" "zip" "cluster" "foreign" "KernSmooth"	"uuid" "vroom" "withr" "xopen" "base" "codetools" "graphics" "lattice"	"V8" "waldo" "xfun" "xtable" "boot" "compiler" "grDevices" "MASS"
#> #> #> #> #> #> #> #> #>	[193] [197] [201] [205] [209] [213] [217] [221] [225] [229]	"usethis" "vctrs" "whisker" "xm12" "yam1" "class" "datasets" "grid" "Matrix"	"utf8" "viridisLite" "whoami" "xmlparsedata" "zip" "cluster" "foreign" "KernSmooth" "methods"	"uuid" "vroom" "withr" "xopen" "base" "codetools" "graphics" "lattice" "mgcv"	"V8" "waldo" "xfun" "xtable" "boot" "compiler" "grDevices" "MASS" "nlme"

References

- Pesigan, I. J. A., & Cheung, S. F. (2023). Monte Carlo confidence intervals for the indirect effect with missing data. *Behavior Research Methods*. https://doi.org/10.3758/s13428-023-02114-4
- R Core Team. (2023). R: A language and environment for statistical computing. R Foundation for Statistical Computing. Vienna, Austria. https://www.R-project.org/