Session Info

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Session

```
sessionInfo()
#> R version 4.3.3 (2024-02-29)
#> 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] rProject_0.0.10
#>
#> loaded via a namespace (and not attached):
                                          lubridate_1.9.3 xfun_0.43
#> [1] backports_1.4.1
                        R6_2.5.1
#> [5] magrittr_2.0.3
                        glue_1.7.0
                                          stringr_1.5.1
                                                           knitr_1.46
#> [9] timechange_0.3.0 generics_0.1.3
                                         lifecycle_1.0.4 xml2_1.3.6
#> [13] cli_3.6.2.9000
                        bibtex_0.5.1
                                          compiler_4.3.3
                                                           highr_0.10
#> [17] rprojroot_2.0.4
                        plyr_1.8.9
                                          httr_1.4.7
                                                           rstudioapi_0.16.0
#> [21] tools_4.3.3
                        evaluate_0.23
                                          Rcpp_1.0.12
                                                           RefManageR_1.4.0
#> [25] rlang_1.1.3
                        jsonlite_1.8.8
                                          stringi_1.8.3
```

Packages

```
unname(installed.packages()[, 1])
#>
     [1] "askpass"
                           "backports"
                                             "base64enc"
                                                              "betaDelta"
#>
     [5] "betaMC"
                           "betaNB"
                                             "betaSandwich"
                                                              "bibtex"
     [9] "bit"
                           "bit64"
                                             "blob"
                                                              "brew"
    [13] "brio"
                           "broom"
                                             "bslib"
                                                              "cachem"
    [17] "callr"
                           "cellranger"
                                             "cffr"
                                                              "cli"
    [21] "clipr"
                           "colorspace"
                                            "commonmark"
                                                              "conflicted"
    [25] "covr"
                           "cpp11"
                                             "crayon"
                                                              "credentials"
                                             "cyclocomp"
    [29] "crosstalk"
                           "curl"
                                                              "data.table"
```

#>	[33]	"DBI"	"dbplyr"	"desc"	"devtools"
#>	[37]	"diffobj"	"digest"	"distro"	"downlit"
#>	[41]	"dplyr"	"DT"	"dtplyr"	"ellipsis"
#>	[45]	"evaluate"	"expm"	"fansi"	"farver"
#>	[49]	"fastmap"	"fontawesome"	"forcats"	"foreach"
#>	[53]	"fs"	"gargle"	"generics"	"gert"
#>	[57]	"ggplot2"	"gh"	"gitcreds"	"glmnet"
#>	[61]	"glue"	"googledrive"	"googlesheets4"	"gtable"
#>	[65]	"haven"	"highr"	"hms"	"htmltools"
#>	[69]	"htmlwidgets"	"httpuv"	"httr"	"httr2"
#>	[73]	"ids"	"ini"	"isoband"	"iterators"
#>	[77]	"jomo"	"jquerylib"	"jsonlite"	"jsonvalidate"
#>	[81]	"knitr"	"labeling"	"later"	"lavaan"
#>	[85]	"lazyeval"	"lifecycle"	"lintr"	"lme4"
#>	[89]	"lubridate"	"magick"	"magrittr"	"markdown"
#> #>		"lubridate" "memoise"	"magick" "mice"	"magrittr" "microbenchmark"	
	[93]				
#> #>	[93] [97]	"memoise"	"mice"	"microbenchmark"	"mime"
#> #> #>	[93] [97] [101]	"memoise" "miniUI"	"mice" "minqa"	"microbenchmark" "mitml"	"mime" "mnormt"
#> #> #>	[93] [97] [101] [105]	"memoise" "miniUI" "modelr"	"mice" "minqa" "munsell"	"microbenchmark" "mitml" "nloptr"	"mime" "mnormt" "numDeriv"
#> #> #> #>	[93] [97] [101] [105] [109]	"memoise" "miniUI" "modelr" "openssl"	"mice" "minqa" "munsell" "ordinal"	"microbenchmark" "mitml" "nloptr" "pan"	"mime" "mnormt" "numDeriv" "pbivnorm"
#> #> #> #> #>	[93] [97] [101] [105] [109] [113]	"memoise" "miniUI" "modelr" "openssl" "pdftools"	"mice" "minqa" "munsell" "ordinal" "pillar"	"microbenchmark" "mitml" "nloptr" "pan" "pkgbuild"	"mime" "mnormt" "numDeriv" "pbivnorm" "pkgconfig"
#> #> #> #> #>	[93] [97] [101] [105] [109] [113] [117]	"memoise" "miniUI" "modelr" "openssl" "pdftools" "pkgdown"	"mice" "minqa" "munsell" "ordinal" "pillar" "pkgload"	"microbenchmark" "mitml" "nloptr" "pan" "pkgbuild" "plyr"	"mime" "mnormt" "numDeriv" "pbivnorm" "pkgconfig" "praise"
#> #> #> #> #> #>	[93] [97] [101] [105] [109] [113] [117] [121]	"memoise" "miniUI" "modelr" "openssl" "pdftools" "pkgdown" "prettyunits"	"mice" "minqa" "munsell" "ordinal" "pillar" "pkgload" "printr" "promises"	"microbenchmark" "mitml" "nloptr" "pan" "pkgbuild" "plyr" "processx"	"mime" "mnormt" "numDeriv" "pbivnorm" "pkgconfig" "praise" "profvis"
#> #> #> #> #> #>	[93] [97] [101] [105] [109] [113] [117] [121]	"memoise" "miniUI" "modelr" "openssl" "pdftools" "pkgdown" "prettyunits" "progress"	"mice" "minqa" "munsell" "ordinal" "pillar" "pkgload" "printr" "promises"	"microbenchmark" "mitml" "nloptr" "pan" "pkgbuild" "plyr" "processx" "ps"	"mime" "mnormt" "numDeriv" "pbivnorm" "pkgconfig" "praise" "profvis" "purrr"
#> #> #> #> #> #> #>	[93] [97] [101] [105] [109] [113] [117] [121] [125] [129]	"memoise" "miniUI" "modelr" "openssl" "pdftools" "pkgdown" "prettyunits" "progress" "qpdf"	"mice" "minqa" "munsell" "ordinal" "pillar" "pkgload" "printr" "promises" "quadprog" "R.oo"	"microbenchmark" "mitml" "nloptr" "pan" "pkgbuild" "plyr" "processx" "ps" "quarto"	"mime" "mnormt" "numDeriv" "pbivnorm" "pkgconfig" "praise" "profvis" "purrr" "R.cache"
#> #> #> #> #> #> #> #> #> #> #> #> #> #	[93] [97] [101] [105] [109] [113] [117] [121] [125] [129] [133]	"memoise" "miniUI" "modelr" "openssl" "pdftools" "pkgdown" "prettyunits" "progress" "qpdf" "R.methodsS3"	"mice" "minqa" "munsell" "ordinal" "pillar" "pkgload" "printr" "promises" "quadprog" "R.oo"	"microbenchmark" "mitml" "nloptr" "pan" "pkgbuild" "plyr" "processx" "ps" "quarto" "R.utils" "rcmdcheck"	"mime" "mnormt" "numDeriv" "pbivnorm" "pkgconfig" "praise" "profvis" "purrr" "R.cache" "R6"

#>	[141]	"readxl"	"RefManageR"	"rematch"	"rematch2"
#>	[145]	"remotes"	"reprex"	"rex"	"rhub"
#>	[149]	"rlang"	"rmarkdown"	"roxygen2"	"rProject"
#>	[153]	"rprojroot"	"rstudioapi"	"rversions"	"rvest"
#>	[157]	"sass"	"scales"	"selectr"	"semmcci"
#>	[161]	"sessioninfo"	"shape"	"shiny"	"sourcetools"
#>	[165]	"stringi"	"stringr"	"styler"	"sys"
#>	[169]	"systemfonts"	"testthat"	"textshaping"	"tibble"
#>	[173]	"tidyr"	"tidyselect"	"tidyverse"	"timechange"
#>	[177]	"tinytex"	"tzdb"	"ucminf"	"urlchecker"
#>	[181]	"usethis"	"utf8"	"uuid"	"V8"
#>	[185]	"vctrs"	"viridisLite"	"vroom"	"waldo"
#>	[189]	"whisker"	"whoami"	"withr"	"xfun"
#>	[193]	"xm12"	"xmlparsedata"	"xopen"	"xtable"
#>	[197]	"yaml"	"zip"	"base"	"boot"
#>	[201]	"class"	"cluster"	"codetools"	"compiler"
#>	[205]	"datasets"	"foreign"	"graphics"	"grDevices"
#>	[209]	"grid"	"KernSmooth"	"lattice"	"MASS"
#>	[213]	"Matrix"	"methods"	"mgcv"	"nlme"
#>	[217]	"nnet"	"parallel"	"rpart"	"spatial"
#>	[221]	"splines"	"stats"	"stats4"	"survival"
#>	[225]	"tcltk"	"tools"	"utils"	

References

 $\label{eq:confidence} Pesigan, I. J. A., \& Cheung, S. F. (2023). Monte Carlo confidence intervals for the indirect effect with missing data. \\ \textit{Behavior Research Methods}. \\ \text{https://doi.org/10.3758/s13428-023-02114-4}$

R Core Team. (2023). R: A language and environment for statistical computing. R Foundation for Statistical Computing. Vienna, Austria. https://www.R-project.org/