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] rProject_0.0.5
#>
#> loaded via a namespace (and not attached):
#> [1] backports_1.4.1
                                         lubridate_1.9.3 xfun_0.41
                        R6_2.5.1
#> [5] magrittr_2.0.3
                        glue_1.6.2
                                          stringr_1.5.1
                                                           knitr_1.45
#> [9] timechange_0.2.0 generics_0.1.3
                                         lifecycle_1.0.4 xml2_1.3.6
#> [13] cli_3.6.1.9000
                        bibtex_0.5.1
                                         compiler_4.3.2
                                                           highr_0.10
#> [17] rprojroot_2.0.4
                        plyr_1.8.9
                                         httr_1.4.7
                                                           rstudioapi_0.15.0
#> [21] tools_4.3.2
                        evaluate_0.23
                                         Rcpp_1.0.11
                                                           RefManageR_1.4.0
#> [25] rlang_1.1.2
                        jsonlite_1.8.8
                                         stringi_1.8.2
```

Packages

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

| #> | [33] | "data.table" | "DBI" | "dbplyr" | "desc" |
|----|-------|---------------|---------------|-----------------|------------------|
| #> | [37] | "devtools" | "diffobj" | "digest" | "distro" |
| #> | [41] | "downlit" | "dplyr" | "DT" | "dtplyr" |
| #> | [45] | "ellipsis" | "evaluate" | "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] | "longMI" | "lubridate" | "magick" | "magrittr" |
| #> | [93] | "markdown" | "memoise" | "mice" | "microbenchmark" |
| #> | [97] | "mime" | "miniUI" | "minqa" | "mitml" |
| #> | [101] | "mnormt" | "modelr" | "munsell" | "nloptr" |
| #> | [105] | "numDeriv" | "openssl" | "ordinal" | "packrat" |
| #> | [109] | "pan" | "parsedate" | "pbivnorm" | "pdftools" |
| #> | [113] | "pillar" | "pkgbuild" | "pkgconfig" | "pkgdown" |
| #> | [117] | "pkgload" | "plyr" | "praise" | "prettyunits" |
| #> | [121] | "printr" | "processx" | "profvis" | "progress" |
| #> | [125] | "promises" | "ps" | "purrr" | "qpdf" |
| #> | [129] | "quadprog" | "quarto" | "R.cache" | "R.methodsS3" |
| #> | [133] | "R.00" | "R.utils" | "R6" | "ragg" |
| #> | [137] | "rappdirs" | "rcmdcheck" | "RColorBrewer" | "Rcpp" |
| | | | | | |

| #> | [141] | "RcppEigen" | "readr" | "readxl" | "RefManageR" |
|----|-------|---------------|----------------|---------------|---------------|
| #> | [145] | "rematch" | "rematch2" | "remotes" | "renv" |
| #> | [149] | "reprex" | "rex" | "rhub" | "rlang" |
| #> | [153] | "rmarkdown" | "roxygen2" | "rProject" | "rprojroot" |
| #> | [157] | "rsconnect" | "rstudioapi" | "rversions" | "rvest" |
| #> | [161] | "sass" | "scales" | "selectr" | "semmcci" |
| #> | [165] | "sessioninfo" | "shape" | "shiny" | "sourcetools" |
| #> | [169] | "stringi" | "stringr" | "styler" | "sys" |
| #> | [173] | "systemfonts" | "testthat" | "textshaping" | "tibble" |
| #> | [177] | "tidyr" | "tidyselect" | "tidyverse" | "timechange" |
| #> | [181] | "tinytex" | "tzdb" | "ucminf" | "urlchecker" |
| #> | [185] | "usethis" | "utf8" | "uuid" | "V8" |
| #> | [189] | "vctrs" | "viridisLite" | "vroom" | "waldo" |
| #> | [193] | "whisker" | "whoami" | "withr" | "xfun" |
| #> | [197] | "xm12" | "xmlparsedata" | "xopen" | "xtable" |
| #> | [201] | "yaml" | "zip" | "base" | "boot" |
| #> | [205] | "class" | "cluster" | "codetools" | "compiler" |
| #> | [209] | "datasets" | "foreign" | "graphics" | "grDevices" |
| #> | [213] | "grid" | "KernSmooth" | "lattice" | "MASS" |
| #> | [217] | "Matrix" | "methods" | "mgcv" | "nlme" |
| #> | [221] | "nnet" | "parallel" | "rpart" | "spatial" |
| #> | [225] | "splines" | "stats" | "stats4" | "survival" |
| #> | [229] | "tcltk" | "tools" | "utils" | |

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/