

Session Info

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Session

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sessionInfo()

#> R version 4.4.0 (2024-04-24)
#> Platform: x86_64-pc-linux-gnu
#> Running under: Ubuntu 22.04.4 LTS
#>
#> Matrix products: default
#> BLAS: /usr/lib/x86_64-linux-gnu/openblas-pthread/libblas.so.3
#> LAPACK: /usr/lib/x86_64-linux-gnu/openblas-pthread/libopenblas-p0.3.20.so; LAPACK version 3.10.3
#>
#> locale:
#>  [1] LC_CTYPE=en_US.UTF-8      LC_NUMERIC=C
#>  [3] LC_TIME=en_US.UTF-8      LC_COLLATE=en_US.UTF-8
#>  [5] LC_MONETARY=en_US.UTF-8  LC_MESSAGES=en_US.UTF-8
#>  [7] LC_PAPER=en_US.UTF-8     LC_NAME=C
#>  [9] LC_ADDRESS=C             LC_TELEPHONE=C
#> [11] LC_MEASUREMENT=en_US.UTF-8 LC_IDENTIFICATION=C
#>
#> time zone: Etc/UTC
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#> tzcode source: system (glibc)
#>
#> attached base packages:
#> [1] stats      graphics  grDevices  utils      datasets  methods   base
#>
#> other attached packages:
#> [1] lavaan_0.6-18      semmcci_1.1.4.9000 rProject_0.0.13
#>
#> loaded via a namespace (and not attached):
#> [1] httr_1.4.7      cli_3.6.2.9000   knitr_1.47      rlang_1.1.4
#> [5] xfun_0.44       stringi_1.8.4    highr_0.11      generics_0.1.3
#> [9] jsonlite_1.8.8  glue_1.7.0       backports_1.5.0 pbivnorm_0.6.0
#> [13] plyr_1.8.9      rprojroot_2.0.4  stats4_4.4.0    RefManageR_1.4.0
#> [17] quadprog_1.5-8  evaluate_0.23    lifecycle_1.0.4 stringr_1.5.1
#> [21] compiler_4.4.0  Rcpp_1.0.12      timechange_0.3.0 bibtex_0.5.1
#> [25] R6_2.5.1        parallel_4.4.0   mnormt_2.1.1    magrittr_2.0.3
#> [29] tools_4.4.0     lubridate_1.9.3  xml2_1.3.6

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Packages

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unname(installed.packages()[, 1])

#> [1] "Amelia"      "arm"          "bmemLavaan"   "mi"
#> [5] "rsem"        "sem"          "semmcci"      "abind"
#> [9] "arrow"       "ash"          "AsioHeaders"  "askpass"
#> [13] "assertthat"  "backports"    "base64enc"    "betaDelta"
#> [17] "betaMC"      "betaNB"       "betaSandwich" "BH"

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#> [21] "bibtex"          "BiocManager"    "bit"            "bit64"
#> [25] "bitops"          "blob"           "brew"           "brio"
#> [29] "broom"          "bslib"          "cachem"         "callr"
#> [33] "car"            "caracas"        "carData"        "cellranger"
#> [37] "cfr"            "checkmate"      "cli"            "clipr"
#> [41] "clock"          "coda"           "c0de"           "collections"
#> [45] "colorspace"     "commonmark"     "conflicted"     "corpcor"
#> [49] "covr"           "cowplot"        "cpp11"          "crayon"
#> [53] "credentials"    "crosstalk"      "cTMed"          "ctsem"
#> [57] "curl"           "cyclocomp"      "data.table"     "DBI"
#> [61] "dbplyr"         "Deriv"          "desc"           "deSolve"
#> [65] "devtools"       "diagram"        "dials"          "DiceDesign"
#> [69] "diffobj"        "digest"         "distributional" "distro"
#> [73] "doBy"           "docopt"         "doFuture"       "downlit"
#> [77] "dplyr"          "DT"             "dtplyr"         "duckdb"
#> [81] "dynr"           "dynUtils"       "ellipse"        "ellipsis"
#> [85] "evaluate"       "expm"           "fans"           "farver"
#> [89] "fastDummies"   "fastmap"        "fclust"         "fda"
#> [93] "fdrtool"        "fds"            "FNN"            "fontawesome"
#> [97] "forcats"        "foreach"        "Formula"        "fs"
#> [101] "fst"           "fstcore"        "frrr"           "future"
#> [105] "future.apply"   "gargle"         "generics"       "gert"
#> [109] "ggplot2"        "ggrepel"        "gh"             "gitcreds"
#> [113] "glasso"         "glmnet"         "globals"        "glue"
#> [117] "googledrive"    "googlesheets4"  "gower"          "GPfit"
#> [121] "gridExtra"      "gsubfn"         "gtable"         "gtools"
#> [125] "hardhat"        "haven"          "hrcde"          "here"

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|----------|-------------------|------------------|------------------|----------------|
| #> [129] | "highr" | "Hmisc" | "hms" | "htmlTable" |
| #> [133] | "htmltools" | "htmlwidgets" | "httpgd" | "httpuv" |
| #> [137] | "httr" | "httr2" | "ids" | "ifaTools" |
| #> [141] | "igraph" | "infer" | "ini" | "inline" |
| #> [145] | "ipred" | "isoband" | "iterators" | "jomo" |
| #> [149] | "jpeg" | "jquerylib" | "jsonlite" | "jsonvalidate" |
| #> [153] | "kernlab" | "knitr" | "ks" | "labeling" |
| #> [157] | "Lahman" | "languageserver" | "later" | "latex2exp" |
| #> [161] | "lava" | "lavaan" | "lazyeval" | "lhs" |
| #> [165] | "lifecycle" | "lintr" | "listenv" | "littler" |
| #> [169] | "lme4" | "locfit" | "longMI" | "loo" |
| #> [173] | "lubridate" | "magick" | "magrittr" | "markdown" |
| #> [177] | "MatrixModels" | "matrixStats" | "mclust" | "memoise" |
| #> [181] | "metaSEM" | "mice" | "microbenchmark" | "mime" |
| #> [185] | "miniUI" | "minqa" | "mitml" | "mize" |
| #> [189] | "mnormt" | "modeldata" | "modelenv" | "modelr" |
| #> [193] | "MplusAutomation" | "multicool" | "munsell" | "mvtnorm" |
| #> [197] | "nloptr" | "numDeriv" | "nycflights13" | "OpenMx" |
| #> [201] | "openssl" | "ordinal" | "pan" | "pander" |
| #> [205] | "parallelly" | "parsnip" | "patchwork" | "pbapply" |
| #> [209] | "pbivnorm" | "pbkrtest" | "pcaPP" | "pdftools" |
| #> [213] | "pillar" | "pkgbuild" | "pkgconfig" | "pkgdown" |
| #> [217] | "pkgload" | "plogr" | "plyr" | "png" |
| #> [221] | "posterior" | "pracma" | "praise" | "prettyunits" |
| #> [225] | "printr" | "processx" | "prodlim" | "profvis" |
| #> [229] | "progress" | "progressr" | "promises" | "proto" |
| #> [233] | "ps" | "psych" | "purrr" | "qgraph" |

| | | | | |
|----------|-----------------|-----------------|----------------|----------------|
| #> [237] | "qpdf" | "quadprog" | "quantreg" | "quarto" |
| #> [241] | "QuickJSR" | "R.cache" | "R.methodsS3" | "R.oo" |
| #> [245] | "R.utils" | "R6" | "ragg" | "rainbow" |
| #> [249] | "rappdirs" | "rbibutils" | "rcmdcheck" | "RColorBrewer" |
| #> [253] | "Rcpp" | "RcppArmadillo" | "RcppEigen" | "RcppGSL" |
| #> [257] | "RcppParallel" | "RcppTOML" | "RCurl" | "Rdpack" |
| #> [261] | "readr" | "readxl" | "recipes" | "RefManager" |
| #> [265] | "rematch" | "rematch2" | "remotes" | "reprex" |
| #> [269] | "reshape2" | "reticulate" | "rex" | "rhub" |
| #> [273] | "rlang" | "RMariaDB" | "rmarkdown" | "roxygen2" |
| #> [277] | "rpf" | "RPostgres" | "rProject" | "rprojroot" |
| #> [281] | "rsample" | "RSQLite" | "rstan" | "rstantools" |
| #> [285] | "rstudioapi" | "rversions" | "rvest" | "Ryacas" |
| #> [289] | "sass" | "scales" | "selectr" | "semlbci" |
| #> [293] | "semmccci" | "sessioninfo" | "shape" | "shiny" |
| #> [297] | "simStateSpace" | "slider" | "snow" | "snowfall" |
| #> [301] | "sourcetools" | "SparseM" | "SQUAREM" | "StanHeaders" |
| #> [305] | "statmod" | "stringi" | "stringr" | "styler" |
| #> [309] | "symSEM" | "sys" | "systemfonts" | "tensorA" |
| #> [313] | "testthat" | "texreg" | "textshaping" | "tibble" |
| #> [317] | "tidymodels" | "tidyr" | "tidyselect" | "tidyverse" |
| #> [321] | "timechange" | "timeDate" | "tinytex" | "tune" |
| #> [325] | "tzdb" | "ucminf" | "unigd" | "urlchecker" |
| #> [329] | "usethis" | "utf8" | "uuid" | "V8" |
| #> [333] | "vctrs" | "viridis" | "viridisLite" | "vroom" |
| #> [337] | "waldo" | "warp" | "whisker" | "whoami" |
| #> [341] | "withr" | "workflows" | "workflowsets" | "xfun" |

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#> [345] "xml2"          "xmlparsedata"  "xopen"         "xtable"
#> [349] "yaml"         "yardstick"     "zip"           "base"
#> [353] "boot"         "class"         "cluster"       "codetools"
#> [357] "compiler"     "datasets"      "foreign"       "graphics"
#> [361] "grDevices"    "grid"          "KernSmooth"    "lattice"
#> [365] "MASS"         "Matrix"        "methods"       "mgcv"
#> [369] "nlme"         "nnet"          "parallel"      "rpart"
#> [373] "spatial"      "splines"       "stats"         "stats4"
#> [377] "survival"     "tcltk"         "tools"         "utils"

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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/>