

Session Info

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Session

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sessionInfo()

#> R version 4.4.2 (2024-10-31)
#> Platform: x86_64-pc-linux-gnu
#> Running under: Ubuntu 24.04.1 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-p0.3.26.so; LAPACK version 3.12.0
#>
#> 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] rProject_0.0.18
#>
#> loaded via a namespace (and not attached):
#> [1] backports_1.5.0  R6_2.5.1          lubridate_1.9.4  xfun_0.50
#> [5] magrittr_2.0.3   glue_1.8.0        stringr_1.5.1    knitr_1.49
#> [9] timechange_0.3.0 generics_0.1.3    lifecycle_1.0.4  xml2_1.3.6
#> [13] cli_3.6.3.9002  bibtex_0.5.1      compiler_4.4.2   highr_0.11
#> [17] rprojroot_2.0.4  plyr_1.8.9        httr_1.4.7       tools_4.4.2
#> [21] evaluate_1.0.3   Rcpp_1.0.14       RefManageR_1.4.0 rlang_1.1.5
#> [25] jsonlite_1.8.9   stringi_1.8.4

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Packages

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

#>   [1] "cTMed"          "abind"           "Amelia"
#>   [4] "arm"            "arrow"           "ash"
#>   [7] "AsioHeaders"    "askpass"         "assertthat"
#>  [10] "backports"      "base64enc"       "betaDelta"
#>  [13] "betaMC"         "betaNB"          "betaSandwich"
#>  [16] "BH"             "bibtex"          "BiocManager"

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#> [19] "bit"           "bit64"         "bitops"
#> [22] "blob"          "bootStateSpace" "brew"
#> [25] "brio"          "broom"         "bslib"
#> [28] "cachem"        "callr"         "car"
#> [31] "caracas"       "carData"       "cellranger"
#> [34] "cfr"           "checkmate"     "cli"
#> [37] "clipr"         "clock"         "clusterGeneration"
#> [40] "coda"          "cOde"          "collections"
#> [43] "colorspace"    "commonmark"    "conflicted"
#> [46] "corpcor"       "covr"          "cowplot"
#> [49] "cpp11"         "crayon"        "credentials"
#> [52] "crosstalk"     "cTMed"         "ctsem"
#> [55] "curl"          "cyclocomp"     "data.table"
#> [58] "DBI"           "dbplyr"        "Deriv"
#> [61] "desc"          "deSolve"       "devtools"
#> [64] "diagram"       "dials"         "DiceDesign"
#> [67] "diffobj"       "digest"        "distributional"
#> [70] "distrib"       "doBy"          "docopt"
#> [73] "doFuture"      "downlit"       "dplyr"
#> [76] "DT"           "dtplyr"        "duckdb"
#> [79] "dynr"          "dynUtils"      "ellipse"
#> [82] "ellipsoids"    "evaluate"      "expm"
#> [85] "fansi"         "farver"        "fastDummies"
#> [88] "fastmap"       "fclust"        "fda"
#> [91] "fdrtool"       "fds"           "fitCTVARMx"
#> [94] "fitDTVARMx"    "FNN"           "fontawesome"
#> [97] "forcats"       "foreach"       "Formula"

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#> [100] "fs"           "fst"           "fstcore"
#> [103] "furrr"        "future"        "future.apply"
#> [106] "gargle"       "generics"      "gert"
#> [109] "ggplot2"      "ggrepel"       "gh"
#> [112] "gitcreds"     "glasso"        "glmnet"
#> [115] "globals"     "glue"          "googledrive"
#> [118] "googlesheets4" "gower"         "GPArotation"
#> [121] "GPfit"        "graphicalVAR"  "gridExtra"
#> [124] "gsubfn"       "gtable"        "gtools"
#> [127] "hardhat"      "haven"         "hdcrcde"
#> [130] "here"         "highr"         "Hmisc"
#> [133] "hms"          "htmlTable"     "htmltools"
#> [136] "htmlwidgets" "httpgd"        "httpuv"
#> [139] "httr"         "httr2"         "ids"
#> [142] "ifaTools"     "igraph"        "infer"
#> [145] "ini"          "inline"        "ipred"
#> [148] "isoband"      "iterators"     "jomo"
#> [151] "jpeg"         "jquerylib"     "jsonlite"
#> [154] "jsonvalidate" "kernlab"       "knitr"
#> [157] "ks"           "labeling"      "Lahman"
#> [160] "languageserver" "later"         "latex2exp"
#> [163] "lava"         "lavaan"        "lazyeval"
#> [166] "lhs"          "lifecycle"     "lintr"
#> [169] "listenv"      "littler"       "lme4"
#> [172] "locfit"       "longMI"        "loo"
#> [175] "lubridate"    "magick"        "magrittr"
#> [178] "markdown"     "MatrixModels"  "matrixStats"

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#> [181] "mclust"          "memoise"         "metaSEM"
#> [184] "metaVAR"         "mice"             "microbenchmark"
#> [187] "mime"            "miniUI"           "minqa"
#> [190] "mitml"           "mize"             "mlVAR"
#> [193] "mnormt"          "modeldata"        "modelenv"
#> [196] "modelr"          "MplusAutomation" "multicool"
#> [199] "munsell"         "mvtnorm"          "nloptr"
#> [202] "numDeriv"        "nycflights13"     "OpenMx"
#> [205] "openssl"         "ordinal"          "pan"
#> [208] "pander"          "parallelly"       "parsnip"
#> [211] "patchwork"       "pbapply"          "pbivnorm"
#> [214] "pbkrtest"        "pcaPP"            "pdftools"
#> [217] "pillar"          "pkgbuild"         "pkgconfig"
#> [220] "pkgdown"         "pkgload"          "plogr"
#> [223] "plyr"            "png"              "posterior"
#> [226] "pracma"          "praise"           "prettyunits"
#> [229] "printr"          "processx"         "prodlm"
#> [232] "profvis"         "progress"         "progressr"
#> [235] "promises"        "proto"            "ps"
#> [238] "psych"           "purrr"            "qgraph"
#> [241] "qpdf"            "quadprog"         "quantreg"
#> [244] "quarto"          "QuickJSR"         "R.cache"
#> [247] "R.methodsS3"     "R.oo"             "R.utils"
#> [250] "R6"              "ragg"             "rainbow"
#> [253] "rappdirs"        "rbibutils"        "rcmdcheck"
#> [256] "RColorBrewer"    "Rcpp"             "RcppArmadillo"
#> [259] "RcppEigen"       "RcppGSL"          "RcppParallel"

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#> [262]	"RcppTOML"	"RCurl"	"Rdpack"
#> [265]	"readr"	"readxl"	"recipes"
#> [268]	"RefManager"	"reformulas"	"rematch"
#> [271]	"rematch2"	"remotes"	"reprex"
#> [274]	"reshape2"	"reticulate"	"rex"
#> [277]	"rhub"	"rjags"	"rlang"
#> [280]	"RMariaDB"	"rmarkdown"	"roxygen2"
#> [283]	"rpf"	"RPostgres"	"rProject"
#> [286]	"rprojroot"	"rsample"	"RSQLite"
#> [289]	"rstan"	"rstantools"	"rstudioapi"
#> [292]	"rversions"	"rvest"	"Ryacas"
#> [295]	"sass"	"scales"	"selectr"
#> [298]	"semlbci"	"semmcci"	"sessioninfo"
#> [301]	"sfd"	"shape"	"shiny"
#> [304]	"simStateSpace"	"slider"	"snow"
#> [307]	"snowfall"	"sourcetools"	"SparseM"
#> [310]	"sparsevctrs"	"SQUAREM"	"StanHeaders"
#> [313]	"statmod"	"stringi"	"stringr"
#> [316]	"styler"	"symSEM"	"sys"
#> [319]	"systemfonts"	"tensorA"	"testthat"
#> [322]	"texreg"	"textshaping"	"tibble"
#> [325]	"tidymodels"	"tidyr"	"tidyselect"
#> [328]	"tidyverse"	"timechange"	"timeDate"
#> [331]	"tinytex"	"tune"	"tzdb"
#> [334]	"ucminf"	"unigd"	"urlchecker"
#> [337]	"usethis"	"utf8"	"uuid"
#> [340]	"V8"	"vctrs"	"viridis"

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#> [343] "viridisLite"      "vroom"            "waldo"
#> [346] "warp"             "whisker"          "whoami"
#> [349] "withr"            "workflows"        "workflowsets"
#> [352] "xfun"             "xml2"             "xmlparsedata"
#> [355] "xopen"            "xtable"           "yaml"
#> [358] "yardstick"        "zip"              "base"
#> [361] "boot"             "class"            "cluster"
#> [364] "codetools"        "compiler"          "datasets"
#> [367] "foreign"          "graphics"          "grDevices"
#> [370] "grid"             "KernSmooth"       "lattice"
#> [373] "MASS"             "Matrix"           "methods"
#> [376] "mgcv"             "nlme"             "nnet"
#> [379] "parallel"         "rpart"            "spatial"
#> [382] "splines"          "stats"            "stats4"
#> [385] "survival"         "tcltk"            "tools"
#> [388] "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*, 56(3), 1678–1696. <https://doi.org/10.3758/s13428-023-02114-4>
- R Core Team. (2024). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. Vienna, Austria. <https://www.R-project.org/>