

Session Info

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Session

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sessionInfo()

#> R version 4.4.1 (2024-06-14)
#> Platform: x86_64-pc-linux-gnu
#> Running under: Ubuntu 22.04.5 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] rProject_0.0.14
#>
#> loaded via a namespace (and not attached):
#> [1] backports_1.5.0  R6_2.5.1          lubridate_1.9.4  xfun_0.49
#> [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_3.6.3.9001  bibtex_0.5.1      compiler_4.4.1   highr_0.11
#> [17] rprojroot_2.0.4  plyr_1.8.9        httr_1.4.7       tools_4.4.1
#> [21] evaluate_1.0.1   Rcpp_1.0.13-1     RefManageR_1.4.0 rlang_1.1.4
#> [25] jsonlite_1.8.9   stringi_1.8.4

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Packages

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

#> [1] "cpp11"          "cTMed"           "httr2"
#> [4] "later"          "lubridate"       "promises"
#> [7] "rProject"       "testthat"        "textshaping"
#> [10] "usethis"        "abind"           "arm"
#> [13] "arrow"          "ash"             "AsioHeaders"
#> [16] "askpass"        "assertthat"      "backports"

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#> [19] "base64enc"      "betaDelta"      "betaMC"
#> [22] "betaNB"         "betaSandwich"   "BH"
#> [25] "bibtex"         "BiocManager"    "bit"
#> [28] "bit64"         "bitops"         "blob"
#> [31] "brew"          "brio"           "broom"
#> [34] "bslib"         "cachem"         "callr"
#> [37] "car"           "caracas"        "carData"
#> [40] "cellranger"    "cfrfr"          "checkmate"
#> [43] "cli"           "clipr"          "clock"
#> [46] "clusterGeneration" "coda"          "c0de"
#> [49] "collections"   "colorspace"     "commonmark"
#> [52] "conflicted"    "corpcor"        "covr"
#> [55] "cowplot"       "cpp11"          "crayon"
#> [58] "credentials"   "crosstalk"      "cTMed"
#> [61] "ctsem"         "curl"           "cyclocomp"
#> [64] "data.table"    "DBI"            "dbplyr"
#> [67] "Deriv"         "desc"           "deSolve"
#> [70] "devtools"      "diagram"        "dials"
#> [73] "DiceDesign"    "diffobj"        "digest"
#> [76] "distributional" "distro"         "doBy"
#> [79] "docopt"        "doFuture"       "downlit"
#> [82] "dplyr"         "DT"             "dtplyr"
#> [85] "duckdb"        "dynr"           "dynUtils"
#> [88] "ellipse"       "ellipsis"       "evaluate"
#> [91] "expm"          "fansI"          "farver"
#> [94] "fastDummies"   "fastmap"        "fclust"
#> [97] "fda"           "fdrtool"        "fds"

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

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

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

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#> [343] "utf8"          "uuid"          "V8"
#> [346] "vctr"         "viridis"       "viridisLite"
#> [349] "vroom"        "waldo"         "warp"
#> [352] "whisker"      "whoami"        "withr"
#> [355] "workflows"    "workflowsets"  "xfun"
#> [358] "xml2"         "xmlparsedata"  "xopen"
#> [361] "xtable"       "yaml"          "yardstick"
#> [364] "zip"          "base"          "boot"
#> [367] "class"        "cluster"       "codetools"
#> [370] "compiler"     "datasets"      "foreign"
#> [373] "graphics"     "grDevices"     "grid"
#> [376] "KernSmooth"  "lattice"       "MASS"
#> [379] "Matrix"       "methods"       "mgcv"
#> [382] "nlme"         "nnet"          "parallel"
#> [385] "rpart"        "spatial"       "splines"
#> [388] "stats"        "stats4"        "survival"
#> [391] "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*, 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/>