

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_1.9.3  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] "cTMed"          "curl"            "fontawesome"
#> [4] "rProject"       "abind"           "arm"
#> [7] "arrow"          "ash"             "AsioHeaders"
#> [10] "askpass"        "assertthat"      "backports"
#> [13] "base64enc"      "betaDelta"       "betaMC"
#> [16] "betaNB"         "betaSandwich"    "BH"

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

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

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

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#> [262] "RcppParallel"      "RcppTOML"          "RCurl"
#> [265] "Rdpack"            "readr"              "readxl"
#> [268] "recipes"           "RefManageR"         "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] "SQUAREM"           "StanHeaders"        "statmod"
#> [313] "stringi"           "stringr"            "styler"
#> [316] "symSEM"            "sys"                "systemfonts"
#> [319] "tensorA"           "testthat"           "texreg"
#> [322] "textshaping"       "tibble"             "tidymodels"
#> [325] "tidyr"             "tidyselect"         "tidyverse"
#> [328] "timechange"        "timeDate"           "tinytex"
#> [331] "tune"              "tzdb"               "ucminf"
#> [334] "unigd"             "urlchecker"         "usethis"
#> [337] "utf8"              "uuid"               "V8"
#> [340] "vctrs"             "viridis"            "viridisLite"

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