

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 22.04.4 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] 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_0.48
#> [5] magrittr_2.0.3   glue_1.8.0         stringr_1.5.1    knitr_1.48
#> [9] timechange_0.3.0 generics_0.1.3     lifecycle_1.0.4  xml2_1.3.6
#> [13] cli_3.6.3.9000   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        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] "askpass"          "betaSandwich"      "cli"
#> [4] "commonmark"       "credentials"        "curl"
#> [7] "devtools"         "evaluate"           "gert"
#> [10] "glue"             "httr2"              "jsonlite"
#> [13] "openssl"          "pkgdown"            "profvis"
#> [16] "ps"               "rProject"           "rstudioapi"

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#> [19] "sys"           "tinytex"       "V8"
#> [22] "xfun"          "abind"         "arm"
#> [25] "arrow"         "ash"           "AsioHeaders"
#> [28] "askpass"       "assertthat"    "backports"
#> [31] "base64enc"     "betaDelta"     "betaMC"
#> [34] "betaNB"        "betaSandwich"  "BH"
#> [37] "bibtex"        "BiocManager"   "bit"
#> [40] "bit64"         "bitops"        "blob"
#> [43] "brew"          "brio"          "broom"
#> [46] "bslib"         "cachem"        "callr"
#> [49] "car"           "caracas"       "carData"
#> [52] "cellranger"    "cfrfr"         "checkmate"
#> [55] "cli"           "clipr"         "clock"
#> [58] "clusterGeneration" "coda"         "cOde"
#> [61] "collections"   "colorspace"    "commonmark"
#> [64] "conflicted"    "corpcor"       "covr"
#> [67] "cowplot"       "cpp11"         "crayon"
#> [70] "credentials"   "crosstalk"     "cTMed"
#> [73] "ctsem"         "curl"          "cyclocomp"
#> [76] "data.table"    "DBI"           "dbplyr"
#> [79] "Deriv"         "desc"          "deSolve"
#> [82] "devtools"      "diagram"       "dials"
#> [85] "DiceDesign"    "diffobj"       "digest"
#> [88] "distributional" "distro"        "doBy"
#> [91] "docopt"        "doFuture"      "downlit"
#> [94] "dplyr"         "DT"            "dtplyr"
#> [97] "duckdb"        "dynr"          "dynUtils"

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#> [100] "ellipse"           "ellipsis"          "evaluate"
#> [103] "expm"              "fans"              "farver"
#> [106] "fastDummies"       "fastmap"           "fclust"
#> [109] "fda"               "fdrtool"           "fds"
#> [112] "fitCTVARMx"        "fitDTVARMx"        "FNN"
#> [115] "fontawesome"       "forcats"           "foreach"
#> [118] "Formula"           "fs"                 "fst"
#> [121] "fstcore"           "furry"             "future"
#> [124] "future.apply"      "gargle"             "generics"
#> [127] "gert"              "ggplot2"           "ggrepel"
#> [130] "gh"                "gitcreds"           "glasso"
#> [133] "glmnet"            "globals"           "glue"
#> [136] "googledrive"       "googlesheets4"     "gower"
#> [139] "GPArotation"       "GPfit"              "graphicalVAR"
#> [142] "gridExtra"         "gsubfn"             "gtable"
#> [145] "gtools"            "hardhat"           "haven"
#> [148] "hdrcde"            "here"               "highr"
#> [151] "Hmisc"             "hms"                "htmlTable"
#> [154] "htmltools"         "htmlwidgets"       "httpgd"
#> [157] "httpuv"            "httr"               "httr2"
#> [160] "ids"               "ifaTools"           "igraph"
#> [163] "infer"             "ini"                "inline"
#> [166] "ipred"             "isoband"            "iterators"
#> [169] "jomo"              "jpeg"               "jquerylib"
#> [172] "jsonlite"          "jsonvalidate"       "kernlab"
#> [175] "knitr"             "ks"                 "labeling"
#> [178] "Lahman"            "languageserver"     "later"

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#> [181] "latex2exp"      "lava"           "lavaan"
#> [184] "lazyeval"       "lhs"            "lifecycle"
#> [187] "lintr"          "listenv"        "littler"
#> [190] "lme4"           "locfit"         "longMI"
#> [193] "loo"            "lubridate"      "magick"
#> [196] "magrittr"       "markdown"       "MatrixModels"
#> [199] "matrixStats"    "mclust"         "memoise"
#> [202] "metaSEM"        "metaVAR"        "mice"
#> [205] "microbenchmark" "mime"           "miniUI"
#> [208] "minqa"          "mitml"          "mize"
#> [211] "mlVAR"          "mnormt"         "modeldata"
#> [214] "modelenv"       "modelr"         "MplusAutomation"
#> [217] "multicool"      "munsell"        "mvtnorm"
#> [220] "nloptr"         "numDeriv"       "nycflights13"
#> [223] "OpenMx"         "openssl"        "ordinal"
#> [226] "pan"           "pander"         "parallelly"
#> [229] "parsnip"        "patchwork"      "pbapply"
#> [232] "pbivnorm"       "pbkrtest"       "pcaPP"
#> [235] "pdftools"       "pillar"         "pkgbuild"
#> [238] "pkgconfig"      "pkgdown"        "pkgload"
#> [241] "plogr"          "plyr"           "png"
#> [244] "posterior"      "pracma"         "praise"
#> [247] "prettyunits"    "printr"         "processx"
#> [250] "prodlim"        "profvis"        "progress"
#> [253] "progressr"      "promises"       "proto"
#> [256] "ps"             "psych"          "purrr"
#> [259] "qgraph"         "qpdf"           "quadprog"

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#> [262] "quantreg"      "quarto"      "QuickJSR"
#> [265] "R.cache"      "R.methodsS3" "R.oo"
#> [268] "R.utils"      "R6"          "ragg"
#> [271] "rainbow"      "rappdirs"    "rbibutils"
#> [274] "rcmdcheck"    "RColorBrewer" "Rcpp"
#> [277] "RcppArmadillo" "RcppEigen"    "RcppGSL"
#> [280] "RcppParallel" "RcppTOML"     "RCurl"
#> [283] "Rdpack"       "readr"       "readxl"
#> [286] "recipes"      "RefManageR"  "rematch"
#> [289] "rematch2"     "remotes"     "reprex"
#> [292] "reshape2"     "reticulate"  "rex"
#> [295] "rhub"         "rjags"       "rlang"
#> [298] "RMariaDB"     "rmarkdown"   "roxygen2"
#> [301] "rpf"          "RPostgres"   "rProject"
#> [304] "rprojroot"    "rsample"     "RSQLite"
#> [307] "rstan"        "rstantools"  "rstudioapi"
#> [310] "rversions"    "rvest"       "Ryacas"
#> [313] "sass"         "scales"      "selectr"
#> [316] "semlbci"      "semmccci"    "sessioninfo"
#> [319] "sfd"          "shape"       "shiny"
#> [322] "simStateSpace" "slider"      "snow"
#> [325] "snowfall"     "sourcetools" "SparseM"
#> [328] "SQUAREM"      "StanHeaders" "statmod"
#> [331] "stringi"      "stringr"     "styler"
#> [334] "symSEM"       "sys"         "systemfonts"
#> [337] "tensorA"      "testthat"    "texreg"
#> [340] "textshaping"  "tibble"      "tidymodels"

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#> [343] "tidyr"          "tidyselect"      "tidyverse"
#> [346] "timechange"     "timeDate"        "tinytex"
#> [349] "tune"           "tzdb"            "ucminf"
#> [352] "unigd"          "urlchecker"      "usethis"
#> [355] "utf8"           "uuid"            "v8"
#> [358] "vctrs"          "viridis"         "viridisLite"
#> [361] "vroom"          "waldo"           "warp"
#> [364] "whisker"        "whoami"          "withr"
#> [367] "workflows"      "workflowsets"    "xfun"
#> [370] "xml2"           "xmlparsedata"    "xopen"
#> [373] "xtable"         "yaml"            "yardstick"
#> [376] "zip"            "base"            "boot"
#> [379] "class"          "cluster"         "codetools"
#> [382] "compiler"       "datasets"        "foreign"
#> [385] "graphics"       "grDevices"       "grid"
#> [388] "KernSmooth"     "lattice"         "MASS"
#> [391] "Matrix"         "methods"         "mgcv"
#> [394] "nlme"           "nnet"            "parallel"
#> [397] "rpart"          "spatial"         "splines"
#> [400] "stats"          "stats4"          "survival"
#> [403] "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/>