

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] "cfr"      "cTMed"      "curl"
#> [4] "httr2"    "rProject"   "systemfonts"
#> [7] "textshaping" "abind"      "Amelia"
#> [10] "arm"      "arrow"      "ash"
#> [13] "AsioHeaders" "askpass"    "assertthat"
#> [16] "backports" "base64enc"  "betaDelta"

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

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

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

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

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