

Session Info

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Session

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sessionInfo()

#> R version 4.4.0 (2024-04-24)
#> 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_1.4.1  R6_2.5.1          lubridate_1.9.3   xfun_0.43
#> [5] magrittr_2.0.3   glue_1.7.0        stringr_1.5.1     knitr_1.46
#> [9] timechange_0.3.0 generics_0.1.3     lifecycle_1.0.4   xml2_1.3.6
#> [13] cli_3.6.2.9000   bibtex_0.5.1       compiler_4.4.0    highr_0.10
#> [17] rprojroot_2.0.4  plyr_1.8.9         httr_1.4.7        rstudioapi_0.16.0
#> [21] tools_4.4.0      evaluate_0.23      Rcpp_1.0.12       RefManageR_1.4.0
#> [25] rlang_1.1.3      jsonlite_1.8.8     stringi_1.8.4

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Packages

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unname(installed.packages()[, 1])
#> [1] "cTMed"          "dynUtils"        "manCTMed"        "rProject"
#> [5] "simStateSpace"  "tinytex"         "abind"           "arrow"
#> [9] "ash"           "AsioHeaders"     "askpass"         "assertthat"
#> [13] "backports"      "base64enc"       "betaDelta"       "betaMC"
#> [17] "betaNB"         "betaSandwich"    "BH"              "bibtex"
#> [21] "BiocManager"    "bit"             "bit64"           "bitops"

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#> [25] "blob"          "brew"          "brio"          "broom"
#> [29] "bslib"         "cachem"        "callr"         "car"
#> [33] "caracas"       "carData"       "cellranger"    "cfr"
#> [37] "checkmate"     "cli"           "clipr"         "clock"
#> [41] "coda"          "c0de"          "collections"   "colorspace"
#> [45] "commonmark"    "conflicted"    "corpcor"       "covr"
#> [49] "cowplot"       "cpp11"         "crayon"        "credentials"
#> [53] "crosstalk"     "cTMed"         "ctsem"         "curl"
#> [57] "cyclocomp"     "data.table"    "DBI"           "dbplyr"
#> [61] "Deriv"         "desc"          "deSolve"       "devtools"
#> [65] "diagram"       "dials"         "DiceDesign"    "diffobj"
#> [69] "digest"        "distributional" "distro"        "doBy"
#> [73] "docopt"        "doFuture"      "downlit"       "dplyr"
#> [77] "DT"           "dtplyr"        "duckdb"        "dynr"
#> [81] "dynUtils"      "ellipse"       "ellipsis"      "evaluate"
#> [85] "expm"          "fansI"         "farver"        "fastDummies"
#> [89] "fastmap"       "fclust"        "fda"           "fdrtool"
#> [93] "fds"           "FNN"           "fontawesome"   "forcats"
#> [97] "foreach"       "Formula"       "fs"            "fst"
#> [101] "fstcore"       "frrr"          "future"        "future.apply"
#> [105] "gargle"        "generics"      "gert"          "ggplot2"
#> [109] "ggrepel"       "gh"            "gitcreds"      "glasso"
#> [113] "glmnet"        "globals"       "glue"          "googledrive"
#> [117] "googlesheets4" "gower"        "GPfit"         "gridExtra"
#> [121] "gsubfn"        "gtable"        "gtools"        "hardhat"
#> [125] "haven"         "hrcde"         "here"          "highr"
#> [129] "Hmisc"         "hms"           "htmlTable"     "htmltools"

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#> [133] "htmlwidgets"      "httpgd"           "httpuv"           "httr"
#> [137] "httr2"            "ids"              "ifaTools"         "igraph"
#> [141] "infer"            "ini"              "inline"           "ipred"
#> [145] "isoband"          "iterators"        "jomo"             "jpeg"
#> [149] "jquerylib"        "jsonlite"         "jsonvalidate"     "kernlab"
#> [153] "knitr"            "ks"               "labeling"         "Lahman"
#> [157] "languageserver"   "later"            "latex2exp"        "lava"
#> [161] "lavaan"           "lazyeval"         "lhs"              "lifecycle"
#> [165] "lintr"            "listenv"          "littler"          "lme4"
#> [169] "locfit"           "longMI"           "loo"              "lubridate"
#> [173] "magick"           "magrittr"         "manCTMed"         "markdown"
#> [177] "MASS"             "MatrixModels"     "matrixStats"      "mclust"
#> [181] "memoise"          "metaSEM"          "mice"             "microbenchmark"
#> [185] "mime"             "miniUI"           "minqa"            "mitml"
#> [189] "mize"             "mnormt"           "modeldata"        "modelenv"
#> [193] "modelr"           "MplusAutomation" "multicool"        "munsell"
#> [197] "mvtnorm"          "nloptr"           "numDeriv"         "nycflights13"
#> [201] "OpenMx"           "openssl"          "ordinal"          "pan"
#> [205] "pander"           "parallelly"       "parsnip"          "patchwork"
#> [209] "pbapply"          "pbivnorm"         "pbkrtest"         "pcaPP"
#> [213] "pdftools"         "pillar"           "pkgbuild"         "pkgconfig"
#> [217] "pkgdown"          "pkgload"          "plogr"            "plyr"
#> [221] "png"              "posterior"        "pracma"           "praise"
#> [225] "prettyunits"     "printr"           "processx"         "prodlim"
#> [229] "profvis"          "progress"         "progressr"        "promises"
#> [233] "proto"            "ps"               "psych"            "purrr"
#> [237] "qgraph"           "qpdf"             "quadprog"         "quantreg"

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#> [241]	"quarto"	"QuickJSR"	"R.cache"	"R.methodsS3"
#> [245]	"R.oo"	"R.utils"	"R6"	"ragg"
#> [249]	"rainbow"	"rappdirs"	"rbibutils"	"rcmdcheck"
#> [253]	"RColorBrewer"	"Rcpp"	"RcppArmadillo"	"RcppEigen"
#> [257]	"RcppGSL"	"RcppParallel"	"RcppTOML"	"RCurl"
#> [261]	"Rdpack"	"readr"	"readxl"	"recipes"
#> [265]	"RefManager"	"rematch"	"rematch2"	"remotes"
#> [269]	"reprex"	"reshape2"	"reticulate"	"rex"
#> [273]	"rhub"	"rlang"	"RMariaDB"	"rmarkdown"
#> [277]	"roxygen2"	"rpf"	"RPostgres"	"rProject"
#> [281]	"rprojroot"	"rsample"	"RSQLite"	"rstan"
#> [285]	"rstantools"	"rstudioapi"	"rversions"	"rvest"
#> [289]	"Ryacas"	"sass"	"scales"	"selectr"
#> [293]	"semblbci"	"semmccci"	"sessioninfo"	"shape"
#> [297]	"shiny"	"simStateSpace"	"slider"	"snow"
#> [301]	"snowfall"	"sourcetools"	"SparseM"	"SQUAREM"
#> [305]	"StanHeaders"	"statmod"	"stringi"	"stringr"
#> [309]	"styler"	"symSEM"	"sys"	"systemfonts"
#> [313]	"tensorA"	"testthat"	"texreg"	"textshaping"
#> [317]	"tibble"	"tidymodels"	"tidyr"	"tidyselect"
#> [321]	"tidyverse"	"timechange"	"timeDate"	"tinytex"
#> [325]	"tune"	"tzdb"	"ucminf"	"unigd"
#> [329]	"urlchecker"	"usethis"	"utf8"	"uuid"
#> [333]	"V8"	"vctrs"	"viridis"	"viridisLite"
#> [337]	"vroom"	"waldo"	"warp"	"whisker"
#> [341]	"whoami"	"withr"	"workflows"	"workflowsets"
#> [345]	"xfun"	"xml2"	"xmlparsedata"	"xopen"

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#> [349] "xtable"          "yaml"          "yardstick"     "zip"
#> [353] "base"           "boot"          "class"         "cluster"
#> [357] "codetools"      "compiler"      "datasets"      "foreign"
#> [361] "graphics"       "grDevices"     "grid"          "KernSmooth"
#> [365] "lattice"        "MASS"          "Matrix"        "methods"
#> [369] "mgcv"           "nlme"          "nnet"          "parallel"
#> [373] "rpart"          "spatial"       "splines"       "stats"
#> [377] "stats4"         "survival"      "tcltk"         "tools"
#> [381] "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*. <https://doi.org/10.3758/s13428-023-02114-4>
- R Core Team. (2023). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. Vienna, Austria. <https://www.R-project.org/>