

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_0.0.13
#>
#> 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"      "ctsem"      "manCTMed"    "manCTNet"
#> [5] "ragg"      "RcppArmadillo" "rProject"    "simStateSpace"
#> [9] "statmod"   "stringi"    "tinytex"     "abind"
#> [13] "arrow"     "ash"        "AsioHeaders" "askpass"
#> [17] "assertthat" "backports"  "base64enc"   "betaDelta"
#> [21] "betaMC"    "betaNB"     "betaSandwich" "BH"

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#> [25] "bibtex"      "BiocManager" "bit"      "bit64"
#> [29] "bitops"      "blob"         "brew"     "brio"
#> [33] "broom"       "bslib"        "cachem"   "callr"
#> [37] "car"         "caracas"      "carData"  "cellranger"
#> [41] "cfr"         "checkmate"    "cli"      "clipr"
#> [45] "clock"       "c0de"         "collections" "colorspace"
#> [49] "commonmark" "conflicted"   "corpcor"  "covr"
#> [53] "cowplot"     "cpp11"        "crayon"   "credentials"
#> [57] "crosstalk"   "cTMed"        "ctsem"    "curl"
#> [61] "cyclocomp"   "data.table"   "DBI"       "dbplyr"
#> [65] "Deriv"       "desc"         "deSolve"  "devtools"
#> [69] "diagram"     "dials"        "DiceDesign" "diffobj"
#> [73] "digest"      "distributional" "distro"    "doBy"
#> [77] "docopt"      "doFuture"     "downlit"  "dplyr"
#> [81] "DT"          "dtplyr"       "duckdb"   "dynr"
#> [85] "dynUtils"    "ellipse"      "ellipsis"  "evaluate"
#> [89] "expm"        "fans"         "farver"   "fastmap"
#> [93] "fclust"      "fda"          "fdrtool"  "fds"
#> [97] "FNN"         "fontawesome"  "forcats"  "foreach"
#> [101] "Formula"     "fs"           "fst"      "fstcore"
#> [105] "furrr"       "future"       "future.apply" "gargle"
#> [109] "generics"    "gert"         "ggplot2"  "ggrepel"
#> [113] "gh"          "gitcreds"     "glasso"   "glmnet"
#> [117] "globals"     "glue"         "googledrive" "googlesheets4"
#> [121] "gower"       "GPfit"        "gridExtra" "gtable"
#> [125] "gtools"      "hardhat"      "haven"    "hdcrcde"
#> [129] "here"        "highr"        "Hmisc"    "hms"

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

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

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```
#> [349] "boot"          "class"          "cluster"         "codetools"
#> [353] "compiler"      "datasets"       "foreign"         "graphics"
#> [357] "grDevices"     "grid"           "KernSmooth"     "lattice"
#> [361] "MASS"          "Matrix"         "methods"         "mgcv"
#> [365] "nlme"          "nnet"           "parallel"        "rpart"
#> [369] "spatial"       "splines"        "stats"           "stats4"
#> [373] "survival"      "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*. <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/>