

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_1.5.0  R6_2.5.1          lubridate_1.9.3  xfun_0.45
#> [5] magrittr_2.0.3   glue_1.7.0        stringr_1.5.1    knitr_1.47
#> [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_4.4.0   highr_0.11
#> [17] rprojroot_2.0.4  plyr_1.8.9        httr_1.4.7       tools_4.4.0
#> [21] evaluate_0.24.0  Rcpp_1.0.12       RefManageR_1.4.0 rlang_1.1.4
#> [25] jsonlite_1.8.8   stringi_1.8.4

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Packages

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unname(installed.packages()[, 1])

#> [1] "betaDelta"      "cli"             "crayon"          "digest"
#> [5] "downlit"        "evaluate"        "rlang"           "rProject"
#> [9] "tinytex"        "xfun"            "abind"           "arrow"
#> [13] "ash"            "AsioHeaders"     "askpass"         "assertthat"
#> [17] "backports"      "base64enc"       "betaDelta"       "betaMC"
#> [21] "betaNB"         "betaSandwich"    "BH"              "bibtex"

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#> [25] "BiocManager"      "bit"               "bit64"             "bitops"
#> [29] "blob"             "brew"              "brio"              "broom"
#> [33] "bslib"            "cachem"            "callr"             "car"
#> [37] "caracas"          "carData"           "cellranger"        "cfr"
#> [41] "checkmate"        "cli"               "clipr"             "clock"
#> [45] "coda"             "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"             "fansI"             "farver"            "fastDummies"
#> [93] "fastmap"          "fclust"            "fda"               "fdrtool"
#> [97] "fds"             "FNN"               "fontawesome"       "forcats"
#> [101] "foreach"          "Formula"           "fs"                "fst"
#> [105] "fstcore"          "furrr"             "future"            "future.apply"
#> [109] "gargle"           "generics"          "gert"              "ggplot2"
#> [113] "ggrepel"          "gh"                "gitcreds"          "glasso"
#> [117] "glmnet"           "globals"           "glue"              "googledrive"
#> [121] "googlesheets4"    "gower"             "GPfit"             "gridExtra"
#> [125] "gsubfn"           "gtable"            "gtools"            "hardhat"
#> [129] "haven"            "hdcrcde"           "here"              "highr"

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

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

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#> [349] "xmlparsedata"      "xopen"              "xtable"             "yaml"
#> [353] "yardstick"         "zip"                "base"               "boot"
#> [357] "class"             "cluster"            "codetools"          "compiler"
#> [361] "datasets"          "foreign"            "graphics"           "grDevices"
#> [365] "grid"              "KernSmooth"         "lattice"            "MASS"
#> [369] "Matrix"           "methods"            "mgcv"               "nlme"
#> [373] "nnet"              "parallel"           "rpart"              "spatial"
#> [377] "splines"           "stats"              "stats4"             "survival"
#> [381] "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/>