

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_0.0.13
#>
#> 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_4.4.1   highr_0.11
#> [17] rprojroot_2.0.4  plyr_1.8.9        httr_1.4.7       tools_4.4.1
#> [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] "betaSandwich"  "pkgload"         "roxygen2"        "rProject"
#> [5] "tinytex"       "abind"           "arrow"           "ash"
#> [9] "AsioHeaders"   "askpass"         "assertthat"      "backports"
#> [13] "base64enc"     "betaDelta"       "betaMC"          "betaNB"
#> [17] "betaSandwich"  "BH"              "bibtex"          "BiocManager"
#> [21] "bit"           "bit64"           "bitops"          "blob"

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

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#> [133]	"httpgd"	"httpuv"	"httr"	"httr2"
#> [137]	"ids"	"ifaTools"	"igraph"	"infer"
#> [141]	"ini"	"inline"	"ipred"	"isoband"
#> [145]	"iterators"	"jomo"	"jpeg"	"jquerylib"
#> [149]	"jsonlite"	"jsonvalidate"	"kernlab"	"knitr"
#> [153]	"ks"	"labeling"	"Lahman"	"languageserver"
#> [157]	"later"	"latex2exp"	"lava"	"lavaan"
#> [161]	"lazyeval"	"lhs"	"lifecycle"	"lintr"
#> [165]	"listenv"	"littler"	"lme4"	"locfit"
#> [169]	"longMI"	"loo"	"lubridate"	"magick"
#> [173]	"magrittr"	"markdown"	"MatrixModels"	"matrixStats"
#> [177]	"mclust"	"memoise"	"metaSEM"	"mice"
#> [181]	"microbenchmark"	"mime"	"miniUI"	"minqa"
#> [185]	"mitml"	"mize"	"mnormt"	"modeldata"
#> [189]	"modelenv"	"modelr"	"MplusAutomation"	"multicool"
#> [193]	"munsell"	"mvtnorm"	"nloptr"	"numDeriv"
#> [197]	"nycflights13"	"OpenMx"	"openssl"	"ordinal"
#> [201]	"pan"	"pander"	"parallelly"	"parsnip"
#> [205]	"patchwork"	"pbapply"	"pbivnorm"	"pbkrtest"
#> [209]	"pcaPP"	"pdftools"	"pillar"	"pkgbuild"
#> [213]	"pkgconfig"	"pkgdown"	"pkgload"	"plogr"
#> [217]	"plyr"	"png"	"posterior"	"pracma"
#> [221]	"praise"	"prettyunits"	"printr"	"processx"
#> [225]	"prodlim"	"profvis"	"progress"	"progressr"
#> [229]	"promises"	"proto"	"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"          "RefManageR"       "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"          "semmccci"         "sessioninfo"
#> [293] "shape"            "shiny"            "simStateSpace"    "slider"
#> [297] "snow"             "snowfall"         "sourcetools"      "SparseM"
#> [301] "SQUAREM"          "StanHeaders"      "statmod"          "stringi"
#> [305] "stringr"          "styler"           "symSEM"           "sys"
#> [309] "systemfonts"      "tensorA"          "testthat"         "texreg"
#> [313] "textshaping"      "tibble"           "tidymodels"       "tidyr"
#> [317] "tidyselect"       "tidyverse"        "timechange"        "timeDate"
#> [321] "tinytex"          "tune"             "tzdb"             "ucminf"
#> [325] "unigd"            "urlchecker"       "usethis"          "utf8"
#> [329] "uuid"             "V8"               "vctrs"            "viridis"
#> [333] "viridisLite"      "vroom"            "waldo"            "warp"
#> [337] "whisker"          "whoami"           "withr"            "workflows"
#> [341] "workflowsets"     "xfun"             "xml2"             "xmlparsedata"
#> [345] "xopen"            "xtable"           "yaml"             "yardstick"

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