

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] "Amelia"      "betaMC"        "cli"           "crayon"
#> [5] "digest"      "downlit"       "evaluate"      "rlang"
#> [9] "rProject"    "tinytex"       "xfun"          "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"       "coda"        "c0de"     "collections"
#> [49] "colorspace"  "commonmark"  "conflicted" "corpcor"
#> [53] "covr"        "cowplot"     "cpp11"    "crayon"
#> [57] "credentials" "crosstalk"   "cTMed"    "ctsem"
#> [61] "curl"        "cyclocomp"   "data.table" "DBI"
#> [65] "dbplyr"      "Deriv"       "desc"     "deSolve"
#> [69] "devtools"    "diagram"     "dials"    "DiceDesign"
#> [73] "diffobj"     "digest"      "distributional" "distro"
#> [77] "doBy"        "docopt"      "doFuture" "downlit"
#> [81] "dplyr"       "DT"          "dtplyr"   "duckdb"
#> [85] "dynr"        "dynUtils"    "ellipse"  "ellipsis"
#> [89] "evaluate"    "expm"        "fans"     "farver"
#> [93] "fastDummies" "fastmap"     "fclust"   "fda"
#> [97] "fdrtool"     "fds"         "FNN"      "fontawesome"
#> [101] "forcats"     "foreach"     "Formula"  "fs"
#> [105] "fst"         "fstcore"     "frrr"     "future"
#> [109] "future.apply" "gargle"      "generics" "gert"
#> [113] "ggplot2"     "ggrepel"     "gh"       "gitcreds"
#> [117] "glasso"      "glmnet"      "globals"  "glue"
#> [121] "googledrive" "googlesheets4" "gower"    "GPfit"
#> [125] "gridExtra"   "gsubfn"      "gtable"   "gtools"
#> [129] "hardhat"     "haven"       "hrcde"    "here"

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

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

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#> [349] "xml2"          "xmlparsedata"  "xopen"         "xtable"
#> [353] "yaml"          "yardstick"     "zip"           "base"
#> [357] "boot"          "class"         "cluster"       "codetools"
#> [361] "compiler"      "datasets"      "foreign"       "graphics"
#> [365] "grDevices"     "grid"          "KernSmooth"    "lattice"
#> [369] "MASS"          "Matrix"        "methods"       "mgcv"
#> [373] "nlme"          "nnet"          "parallel"      "rpart"
#> [377] "spatial"       "splines"       "stats"         "stats4"
#> [381] "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*, 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/>