

Session Info

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Session

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sessionInfo()

#> R version 4.3.3 (2024-02-29)
#> Platform: x86_64-pc-linux-gnu (64-bit)
#> 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_0.0.10
#>
#> 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_4.3.3     highr_0.10
#> [17] rprojroot_2.0.4    plyr_1.8.9         httr_1.4.7         rstudioapi_0.16.0
#> [21] tools_4.3.3        evaluate_0.23      Rcpp_1.0.12        RefManageR_1.4.0
#> [25] rlang_1.1.3        jsonlite_1.8.8     stringi_1.8.3

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Packages

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

#> [1] "Amelia"          "arm"              "betaDelta"        "betaSandwich"
#> [5] "bmemLavaan"      "cfr"              "coda"             "cTMed"
#> [9] "mi"              "pkgdown"          "rProject"         "rsem"
#> [13] "sem"             "semmcci"          "simStateSpace"    "styler"
#> [17] "abind"           "arrow"            "ash"              "AsioHeaders"
#> [21] "askpass"         "assertthat"       "backports"        "base64enc"

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

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#> [133] "here"           "highr"           "Hmisc"           "hms"
#> [137] "htmlTable"      "htmltools"       "htmlwidgets"     "httpgd"
#> [141] "httpuv"         "httr"            "httr2"           "ids"
#> [145] "ifaTools"       "igraph"          "infer"           "ini"
#> [149] "inline"         "ipred"           "isoband"         "iterators"
#> [153] "jomo"           "jpeg"            "jquerylib"       "jsonlite"
#> [157] "jsonvalidate"   "kernlab"         "knitr"           "ks"
#> [161] "labeling"       "Lahman"          "languageserver"  "later"
#> [165] "latex2exp"      "lava"            "lavaan"          "lazyeval"
#> [169] "lhs"            "lifecycle"       "lintr"           "listenv"
#> [173] "littler"        "lme4"            "locfit"          "longMI"
#> [177] "loo"            "lubridate"       "magick"          "magrittr"
#> [181] "markdown"       "MatrixModels"    "matrixStats"     "mclust"
#> [185] "memoise"        "metaSEM"         "mice"            "microbenchmark"
#> [189] "mime"           "miniUI"          "minqa"           "mitml"
#> [193] "mize"           "mnormt"          "modeldata"       "modelenv"
#> [197] "modelr"         "multicool"       "munsell"         "mvtnorm"
#> [201] "nloptr"         "numDeriv"        "nycflights13"    "OpenMx"
#> [205] "openssl"        "ordinal"         "pan"             "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"        "ps"              "psych"
#> [237] "purrr"          "qgraph"          "qpdf"            "quadprog"

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

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