

# 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] "cTMed"      "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"    "cfrfr"         "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/>