

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

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#> [25] "base64enc"      "betaDelta"      "betaMC"          "betaNB"
#> [29] "betaSandwich"  "BH"             "bibtex"          "BiocManager"
#> [33] "bit"           "bit64"          "bitops"          "blob"
#> [37] "brew"          "brio"           "broom"           "bslib"
#> [41] "cachem"        "callr"          "car"             "caracas"
#> [45] "carData"       "cellranger"     "cfr"             "checkmate"
#> [49] "cli"           "clipr"          "clock"           "c0de"
#> [53] "collections"   "colorspace"     "commonmark"      "conflicted"
#> [57] "corpcor"       "covr"           "cpp11"           "crayon"
#> [61] "credentials"   "crosstalk"      "cTMed"           "ctsem"
#> [65] "curl"          "cyclocomp"      "data.table"      "DBI"
#> [69] "dbplyr"        "Deriv"          "desc"            "deSolve"
#> [73] "devtools"      "diagram"        "dials"           "DiceDesign"
#> [77] "diffobj"       "digest"         "distributional"   "distro"
#> [81] "doBy"          "docopt"         "doFuture"        "downlit"
#> [85] "dplyr"         "DT"             "dtplyr"          "duckdb"
#> [89] "dynr"          "dynUtils"       "ellipse"         "ellipsis"
#> [93] "evaluate"      "expm"           "fansI"           "farver"
#> [97] "fastmap"       "fclust"         "fda"             "fdrtool"
#> [101] "fds"           "FNN"            "fontawesome"     "forcats"
#> [105] "foreach"       "Formula"        "fs"              "fst"
#> [109] "fstcore"       "furrr"          "future"          "future.apply"
#> [113] "gargle"        "generics"       "gert"            "ggplot2"
#> [117] "ggrepel"       "gh"             "gitcreds"        "glasso"
#> [121] "glmnet"        "globals"        "glue"            "googledrive"
#> [125] "googlesheets4" "gower"          "GPfit"           "gridExtra"
#> [129] "gtable"        "gtools"         "hardhat"         "haven"

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#> [133] "hdrcdc"      "here"      "highr"      "Hmisc"
#> [137] "hms"        "htmlTable" "htmltools"  "htmlwidgets"
#> [141] "httpgd"     "httpuv"    "httr"       "httr2"
#> [145] "ids"        "ifaTools"  "igraph"     "infer"
#> [149] "ini"        "inline"    "ipred"      "isoband"
#> [153] "iterators"  "jomo"      "jpeg"       "jquerylib"
#> [157] "jsonlite"   "jsonvalidate" "kernlab"    "knitr"
#> [161] "ks"         "labeling"  "Lahman"     "languageserver"
#> [165] "later"      "latex2exp" "lava"       "lavaan"
#> [169] "lazyeval"   "lhs"       "lifecycle"  "lintr"
#> [173] "listenv"    "littler"   "lme4"       "locfit"
#> [177] "longMI"     "loo"       "lubridate"  "magick"
#> [181] "magrittr"   "markdown"  "MatrixModels" "matrixStats"
#> [185] "mclust"     "memoise"   "metaSEM"    "mice"
#> [189] "microbenchmark" "mime"     "miniUI"     "minqa"
#> [193] "mitml"      "mize"      "mnormt"     "modeldata"
#> [197] "modelenv"   "modelr"    "multicool"  "munsell"
#> [201] "mvtnorm"    "nloptr"    "numDeriv"   "nycflights13"
#> [205] "OpenMx"     "openssl"   "ordinal"    "pan"
#> [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"   "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"     "semmcci"
#> [297] "sessioninfo"   "shape"         "shiny"       "simStateSpace"
#> [301] "slider"        "snow"          "snowfall"    "sourcetools"
#> [305] "SparseM"       "SQUAREM"       "StanHeaders" "stringi"
#> [309] "stringr"       "styler"        "symSEM"      "sys"
#> [313] "systemfonts"   "tensorA"       "testthat"    "textshaping"
#> [317] "tibble"        "tidymodels"    "tidyr"       "tidyselect"
#> [321] "tidyverse"     "timechange"    "timeDate"    "tinytex"
#> [325] "tune"          "tzdb"          "ucminf"      "unigd"
#> [329] "urlchecker"    "usethis"       "utf8"        "uuid"
#> [333] "V8"            "vctrs"         "viridis"     "viridisLite"
#> [337] "vroom"         "waldo"         "warp"        "whisker"
#> [341] "whoami"        "withr"         "workflows"   "workflowsets"
#> [345] "xfun"          "xml2"          "xmlparsedata" "xopen"

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