

# 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] lavaan_0.6-18      semmcci_1.1.4.9000 rProject_0.0.13
#>
#> loaded via a namespace (and not attached):
#> [1] httr_1.4.7      cli_3.6.2.9000   knitr_1.47      rlang_1.1.4
#> [5] xfun_0.44       stringi_1.8.4    highr_0.11      generics_0.1.3
#> [9] jsonlite_1.8.8  glue_1.7.0       backports_1.5.0 pbivnorm_0.6.0
#> [13] plyr_1.8.9      rprojroot_2.0.4  stats4_4.4.0    RefManageR_1.4.0
#> [17] quadprog_1.5-8  evaluate_0.23    lifecycle_1.0.4 stringr_1.5.1
#> [21] compiler_4.4.0  Rcpp_1.0.12      timechange_0.3.0 bibtex_0.5.1
#> [25] R6_2.5.1        parallel_4.4.0   mnormt_2.1.1    magrittr_2.0.3
#> [29] tools_4.4.0     lubridate_1.9.3  xml2_1.3.6

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## Packages

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

#> [1] "Amelia"      "arm"          "bmemLavaan"   "mi"
#> [5] "rsem"        "sem"          "semmcci"      "abind"
#> [9] "arrow"       "ash"          "AsioHeaders"  "askpass"
#> [13] "assertthat"  "backports"    "base64enc"    "betaDelta"
#> [17] "betaMC"      "betaNB"       "betaSandwich" "BH"

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#> [21] "bibtex"          "BiocManager"    "bit"             "bit64"
#> [25] "bitops"          "blob"           "brew"            "brio"
#> [29] "broom"          "bslib"          "cachem"          "callr"
#> [33] "car"            "caracas"        "carData"         "cellranger"
#> [37] "cfr"            "checkmate"      "cli"             "clipr"
#> [41] "clock"          "coda"           "c0de"            "collections"
#> [45] "colorspace"     "commonmark"     "conflicted"      "corpcor"
#> [49] "covr"           "cowplot"        "cpp11"           "crayon"
#> [53] "credentials"    "crosstalk"      "cTMed"           "ctsem"
#> [57] "curl"           "cyclocomp"      "data.table"      "DBI"
#> [61] "dbplyr"         "Deriv"          "desc"            "deSolve"
#> [65] "devtools"       "diagram"        "dials"           "DiceDesign"
#> [69] "diffobj"        "digest"         "distributional"   "distro"
#> [73] "doBy"           "docopt"         "doFuture"        "downlit"
#> [77] "dplyr"          "DT"             "dtplyr"          "duckdb"
#> [81] "dynr"           "dynUtils"       "ellipse"         "ellipsis"
#> [85] "evaluate"       "expm"           "fans"            "farver"
#> [89] "fastDummies"   "fastmap"        "fclust"          "fda"
#> [93] "fdrtool"        "fds"            "FNN"             "fontawesome"
#> [97] "forcats"        "foreach"        "Formula"         "fs"
#> [101] "fst"           "fstcore"        "frrr"            "future"
#> [105] "future.apply"   "gargle"         "generics"        "gert"
#> [109] "ggplot2"        "ggrepel"        "gh"              "gitcreds"
#> [113] "glasso"         "glmnet"         "globals"         "glue"
#> [117] "googledrive"    "googlesheets4"  "gower"           "GPfit"
#> [121] "gridExtra"      "gsubfn"         "gtable"          "gtools"
#> [125] "hardhat"        "haven"          "hrcde"           "here"

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#> [129]	"highr"	"Hmisc"	"hms"	"htmlTable"
#> [133]	"htmltools"	"htmlwidgets"	"httpgd"	"httpuv"
#> [137]	"httr"	"httr2"	"ids"	"ifaTools"
#> [141]	"igraph"	"infer"	"ini"	"inline"
#> [145]	"ipred"	"isoband"	"iterators"	"jomo"
#> [149]	"jpeg"	"jquerylib"	"jsonlite"	"jsonvalidate"
#> [153]	"kernlab"	"knitr"	"ks"	"labeling"
#> [157]	"Lahman"	"languageserver"	"later"	"latex2exp"
#> [161]	"lava"	"lavaan"	"lazyeval"	"lhs"
#> [165]	"lifecycle"	"lintr"	"listenv"	"littler"
#> [169]	"lme4"	"locfit"	"longMI"	"loo"
#> [173]	"lubridate"	"magick"	"magrittr"	"markdown"
#> [177]	"MatrixModels"	"matrixStats"	"mclust"	"memoise"
#> [181]	"metaSEM"	"mice"	"microbenchmark"	"mime"
#> [185]	"miniUI"	"minqa"	"mitml"	"mize"
#> [189]	"mnormt"	"modeldata"	"modelenv"	"modelr"
#> [193]	"MplusAutomation"	"multicool"	"munsell"	"mvtnorm"
#> [197]	"nloptr"	"numDeriv"	"nycflights13"	"OpenMx"
#> [201]	"openssl"	"ordinal"	"pan"	"pander"
#> [205]	"parallelly"	"parsnip"	"patchwork"	"pbapply"
#> [209]	"pbivnorm"	"pbkrtest"	"pcaPP"	"pdftools"
#> [213]	"pillar"	"pkgbuild"	"pkgconfig"	"pkgdown"
#> [217]	"pkgload"	"plogr"	"plyr"	"png"
#> [221]	"posterior"	"pracma"	"praise"	"prettyunits"
#> [225]	"printr"	"processx"	"prodlim"	"profvis"
#> [229]	"progress"	"progressr"	"promises"	"proto"
#> [233]	"ps"	"psych"	"purrr"	"qgraph"

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#> [237] "qpdf"           "quadprog"       "quantreg"       "quarto"
#> [241] "QuickJSR"      "R.cache"        "R.methodsS3"    "R.oo"
#> [245] "R.utils"       "R6"             "ragg"           "rainbow"
#> [249] "rappdirs"      "rbibutils"      "rcmdcheck"      "RColorBrewer"
#> [253] "Rcpp"          "RcppArmadillo"  "RcppEigen"      "RcppGSL"
#> [257] "RcppParallel"  "RcppTOML"       "RCurl"          "Rdpack"
#> [261] "readr"         "readxl"         "recipes"        "RefManager"
#> [265] "rematch"       "rematch2"       "remotes"        "reprex"
#> [269] "reshape2"     "reticulate"     "rex"            "rhub"
#> [273] "rlang"         "RMariaDB"       "rmarkdown"      "roxygen2"
#> [277] "rpf"          "RPostgres"      "rProject"       "rprojroot"
#> [281] "rsample"       "RSQLite"        "rstan"          "rstantools"
#> [285] "rstudioapi"    "rversions"      "rvest"          "Ryacas"
#> [289] "sass"         "scales"         "selectr"        "semlbci"
#> [293] "semmcci"       "sessioninfo"    "shape"          "shiny"
#> [297] "simStateSpace" "slider"         "snow"           "snowfall"
#> [301] "sourcetools"   "SparseM"        "SQUAREM"        "StanHeaders"
#> [305] "statmod"       "stringi"        "stringr"        "styler"
#> [309] "symSEM"        "sys"            "systemfonts"    "tensorA"
#> [313] "testthat"      "texreg"         "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"

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#> [345] "xml2"          "xmlparsedata"  "xopen"         "xtable"
#> [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/>