

# 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] "betaSandwich"  "pkgdown"         "pkgload"         "ps"
#> [5] "roxygen2"      "rProject"        "tinytex"         "yaml"
#> [9] "abind"         "arrow"           "ash"             "AsioHeaders"
#> [13] "askpass"       "assertthat"      "backports"       "base64enc"
#> [17] "betaDelta"     "betaMC"          "betaNB"          "betaSandwich"
#> [21] "BH"           "bibtex"          "BiocManager"     "bit"

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

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

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