

# 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] rProject_0.0.13
#>
#> 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_4.4.0     highr_0.10
#> [17] rprojroot_2.0.4  plyr_1.8.9         httr_1.4.7         rstudioapi_0.16.0
#> [21] tools_4.4.0      evaluate_0.23      Rcpp_1.0.12        RefManageR_1.4.0
#> [25] rlang_1.1.3      jsonlite_1.8.8     stringi_1.8.4

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## Packages

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unname(installed.packages()[, 1])
#> [1] "cTMed"          "manCTMed"        "manCTNet"        "ragg"
#> [5] "RcppArmadillo"  "rProject"        "simStateSpace"    "stringi"
#> [9] "tinytex"        "abind"           "arrow"            "ash"
#> [13] "AsioHeaders"    "askpass"         "assertthat"       "backports"
#> [17] "base64enc"      "betaDelta"       "betaMC"           "betaNB"
#> [21] "betaSandwich"   "BH"              "bibtex"           "BiocManager"

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#> [25] "bit"          "bit64"        "bitops"       "blob"
#> [29] "brew"         "brio"         "broom"        "bslib"
#> [33] "cachem"       "callr"        "car"          "caracas"
#> [37] "carData"      "cellranger"   "cfr"          "checkmate"
#> [41] "cli"          "clipr"        "clock"        "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"      "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"   "gtable"       "gtools"       "hardhat"
#> [125] "haven"       "hdcde"        "here"         "highr"
#> [129] "Hmisc"       "hms"          "htmlTable"    "htmltools"

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#> [133] "htmlwidgets"      "httpgd"           "httpuv"           "httr"
#> [137] "httr2"            "ids"              "ifaTools"         "igraph"
#> [141] "infer"           "ini"              "inline"           "ipred"
#> [145] "isoband"          "iterators"        "jomo"             "jpeg"
#> [149] "jquerylib"        "jsonlite"         "jsonvalidate"     "kernlab"
#> [153] "knitr"           "ks"               "labeling"         "Lahman"
#> [157] "languageserver"   "later"            "latex2exp"        "lava"
#> [161] "lavaan"          "lazyeval"         "lhs"              "lifecycle"
#> [165] "lintr"           "listenv"          "littler"          "lme4"
#> [169] "locfit"          "longMI"           "loo"              "lubridate"
#> [173] "magick"          "magrittr"         "markdown"         "MatrixModels"
#> [177] "matrixStats"     "mclust"           "memoise"          "metaSEM"
#> [181] "mice"            "microbenchmark"   "mime"             "miniUI"
#> [185] "minqa"           "mitml"            "mize"             "mnormt"
#> [189] "modeldata"       "modelenv"         "modelr"           "multicool"
#> [193] "munsell"         "mvtnorm"          "nloptr"           "numDeriv"
#> [197] "nycflights13"    "OpenMx"           "openssl"          "ordinal"
#> [201] "pan"             "parallelly"       "parsnip"          "patchwork"
#> [205] "pbapply"         "pbivnorm"         "pbkrtest"         "pcaPP"
#> [209] "pdftools"        "pillar"           "pkgbuild"         "pkgconfig"
#> [213] "pkgdown"         "pkgload"          "plogr"            "plyr"
#> [217] "png"            "posterior"        "pracma"           "praise"
#> [221] "prettyunits"     "printr"           "processx"         "prodlim"
#> [225] "profvis"         "progress"         "progressr"        "promises"
#> [229] "ps"             "psych"           "purrr"            "qgraph"
#> [233] "qpdf"           "quadprog"         "quantreg"         "quarto"
#> [237] "QuickJSR"       "R.cache"          "R.methodsS3"      "R.oo"

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

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```
#> [349] "cluster"      "codetools"    "compiler"     "datasets"
#> [353] "foreign"      "graphics"     "grDevices"    "grid"
#> [357] "KernSmooth"  "lattice"      "MASS"         "Matrix"
#> [361] "methods"     "mgcv"         "nlme"         "nnet"
#> [365] "parallel"    "rpart"        "spatial"      "splines"
#> [369] "stats"       "stats4"       "survival"     "tcltk"
#> [373] "tools"       "utils"
```

## 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/>