

Session Info

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Session

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sessionInfo()

#> R version 4.5.2 (2025-10-31)
#> Platform: x86_64-pc-linux-gnu
#> Running under: Ubuntu 24.04.3 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-p0.3.26.so;  LAPACK version 3.12
#>
#> 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
#> tzcode source: system (glibc)
#>
#> attached base packages:
#> [1] stats      graphics   grDevices  utils      datasets   methods    base
#>
#> other attached packages:
#> [1] rProject_0.0.23
#>
#> loaded via a namespace (and not attached):
#> [1] backports_1.5.0   R6_2.6.1       lubridate_1.9.4  xfun_0.55
#> [5] magrittr_2.0.4    glue_1.8.0     stringr_1.6.0    knitr_1.51
#> [9] timechange_0.3.0  generics_0.1.4  lifecycle_1.0.5  xml2_1.5.1
#> [13] cli_3.6.5.9000   bibtex_0.5.1   compiler_4.5.2   plyr_1.8.9
#> [17] highr_0.11      rprojroot_2.1.1 httr_1.4.7      tools_4.5.2
#> [21] evaluate_1.0.5   Rcpp_1.1.1     RefManageR_1.4.0  otel_0.2.0
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#> [25] rlang_1.1.7      jsonlite_2.0.0   stringi_1.8.7
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Packages

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unname(installed.packages()[, 1])  
  
#> [1] "cffr"                  "devtools"          "gert"  
#> [4] "Rcpp"                 "rProject"         "simStateSpace"  
#> [7] "testthat"            "tibble"           "tinytex"  
#> [10] "abind"               "Amelia"          "arm"  
#> [13] "arrow"                "ash"              "AsioHeaders"  
#> [16] "askpass"             "assertthat"       "backports"  
#> [19] "base64enc"          "betaDelta"        "betaMC"  
#> [22] "betaNB"              "betaSandwich"    "BH"  
#> [25] "bibtex"              "BiocManager"      "BiocVersion"  
#> [28] "bit"                  "bit64"            "bitops"  
#> [31] "blob"                 "bootStateSpace"  "brew"  
#> [34] "brio"                 "broom"            "bslib"  
#> [37] "cachem"              "callr"            "car"  
#> [40] "caracas"             "carData"          "cellranger"  
#> [43] "cffr"                 "checkmate"        "cli"  
#> [46] "clipr"                "clock"            "clusterGeneration"  
#> [49] "coda"                 "cOde"             "collections"  
#> [52] "colorspace"          "commonmark"       "conflicted"  
#> [55] "corpcor"              "covr"             "cowplot"  
#> [58] "cpp11"                "crayon"           "credentials"  
#> [61] "crosstalk"            "ctMed"            "ctsem"  
#> [64] "curl"                 "data.table"       "DBI"  
#> [67] "dbplyr"              "Deriv"            "desc"  
#> [70] "deSolve"              "devtools"          "diagram"  
#> [73] "dials"                "DiceDesign"       "diffobj"  
#> [76] "digest"               "distributional"  "distro"  
#> [79] "doBy"                 "doocpt"           "downlit"  
#> [82] "dplyr"                "DT"               "dtplyr"  
#> [85] "duckdb"               "dynr"             "dynUtils"  
#> [88] "ellipse"              "ellipsis"         "evaluate"  
#> [91] "expm"                 "fansi"            "farver"  
#> [94] "fastDummies"         "fastmap"          "fclust"  
#> [97] "fda"                  "fdrtool"          "fds"  
#> [100] "fitDTVARMxID"       "FNN"              "fontawesome"  
#> [103] "forcats"             "foreach"          "forecast"  
#> [106] "Formula"             "fracdiff"         "fs"  
#> [109] "fst"                  "fstcore"          "furrr"
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#> [112] "future"           "future.apply"      "gargle"
#> [115] "generics"         "gert"            "ggplot2"
#> [118] "ggrepel"          "gh"              "gitcreds"
#> [121] "glasso"           "glmnet"          "globals"
#> [124] "glue"             "googledrive"     "googlesheets4"
#> [127] "gower"            "GPArotation"    "GPfit"
#> [130] "graphicalVAR"     "gridExtra"       "gsubfn"
#> [133] "gtable"           "gtools"          "hardhat"
#> [136] "haven"            "hdrcede"        "here"
#> [139] "highr"            "Hmisc"          "hms"
#> [142] "htmlTable"         "htmltools"       "htmlwidgets"
#> [145] "httpgd"           "httpuv"          "httr"
#> [148] "httr2"            "ids"             "ifaTools"
#> [151] "igraph"           "infer"           "ini"
#> [154] "inline"            "ipred"          "isoband"
#> [157] "iterators"        "jomo"            "jpeg"
#> [160] "jquerylib"        "jsonlite"        "jsonvalidate"
#> [163] "kernlab"          "knitr"           "ks"
#> [166] "labeling"         "Lahman"          "languageserver"
#> [169] "later"            "latex2exp"       "lava"
#> [172] "lavaan"           "lazyeval"        "lhs"
#> [175] "lifecycle"        "lintr"           "listenv"
#> [178] "litedown"         "littler"         "lme4"
#> [181] "lmtest"           "locfit"          "longMI"
#> [184] "loo"               "lubridate"       "magick"
#> [187] "magrittr"         "markdown"        "MatrixModels"
#> [190] "matrixStats"       "mclust"          "memoise"
#> [193] "metaSEM"          "metaVAR"         "mice"
#> [196] "microbenchmark"   "mime"            "miniUI"
#> [199] "minqa"            "mitml"           "mize"
#> [202] "mlVAR"            "mnormt"          "modeldata"
#> [205] "modelenv"         "modelr"          "MplusAutomation"
#> [208] "multicool"        "mvtnorm"         "nloptr"
#> [211] "numDeriv"         "nycflights13"   "OpenMx"
#> [214] "openssl"          "ordinal"         "otel"
#> [217] "pan"              "pander"          "parallelly"
#> [220] "parsnip"          "patchwork"       "pbapply"
#> [223] "pbivnorm"         "pbkrtest"        "pcaPP"
#> [226] "pdftools"         "pillar"          "pkgbuild"
#> [229] "pkgconfig"        "pkgdown"         "pkgload"
#> [232] "plogr"            "plyr"            "png"
#> [235] "posterior"        "pracma"          "praise"
#> [238] "prettyunits"       "printr"          "processx"
#> [241] "prodlim"          "profvis"         "progress"
#> [244] "progressr"        "promises"        "proto"

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#> [247] "ps"                  "psych"                "purrr"
#> [250] "qgraph"              "qpdf"                 "quadprog"
#> [253] "quantmod"            "quantreg"              "quarto"
#> [256] "QuickJSR"            "R.cache"               "R.methodsS3"
#> [259] "R.oo"                 "R.utils"               "R2jags"
#> [262] "R2WinBUGS"            "R6"                   "ragg"
#> [265] "rainbow"              "rappdirs"              "rbibutils"
#> [268] "rcmdcheck"            "RColorBrewer"          "Rcpp"
#> [271] "RcppArmadillo"         "RcppEigen"              "RcppGSL"
#> [274] "RcppParallel"          "RcppTOML"               "RCurl"
#> [277] "Rdpack"                "readr"                 "readxl"
#> [280] "recipes"               "RefManageR"             "reformulas"
#> [283] "rematch"               "rematch2"               "remotes"
#> [286] "reprex"                 "reshape2"               "reticulate"
#> [289] "rex"                   "rhdf5"                 "rhdf5filters"
#> [292] "Rhdf5lib"              "rhub"                  "rjags"
#> [295] "rlang"                  "RMariaDB"               "rmarkdown"
#> [298] "roxygen2"              "rpf"                   "RPostgres"
#> [301] "rProject"               "rprojroot"              "rsample"
#> [304] "RSQLite"                "rstan"                  "rstantools"
#> [307] "rstudioapi"             "rversions"              "rvest"
#> [310] "Ryacas"                 "S7"                     "sass"
#> [313] "scales"                 "selectr"                 "semlbci"
#> [316] "semmcci"                "sessioninfo"             "sfd"
#> [319] "shape"                  "shiny"                  "simStateSpace"
#> [322] "slider"                  "snow"                   "snowfall"
#> [325] "sourcetools"             "SparseM"                 "sparsevctrs"
#> [328] "SQUAREM"                "StanHeaders"              "stringi"
#> [331] "stringr"                 "styler"                  "symSEM"
#> [334] "sys"                     "systemfonts"             "tailor"
#> [337] "tensorA"                 "testthat"                 "texreg"
#> [340] "textshaping"             "tibble"                  "tidymodels"
#> [343] "tidyR"                  "tidyselect"              "tidyverse"
#> [346] "timechange"              "timeDate"                 "tinytex"
#> [349] "tseries"                 "TTR"                     "tune"
#> [352] "tzdb"                    "ucminf"                  "unigd"
#> [355] "urca"                    "urlchecker"              "usethis"
#> [358] "utf8"                     "uuid"                   "V8"
#> [361] "vctrs"                    "viridisLite"              "vroom"
#> [364] "waldo"                   "warp"                     "whisker"
#> [367] "whoami"                   "withr"                   "workflows"
#> [370] "workflowsets"             "xfun"                     "xml2"
#> [373] "xmlparsedata"             "xopen"                   "xtable"
#> [376] "xts"                      "yaml"                     "yardstick"
#> [379] "zip"                      "zoo"                      "base"

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#> [382] "boot"                  "class"                 "cluster"
#> [385] "codetools"              "compiler"               "datasets"
#> [388] "foreign"                "graphics"               "grDevices"
#> [391] "grid"                   "KernSmooth"             "lattice"
#> [394] "MASS"                   "Matrix"                 "methods"
#> [397] "mgcv"                   "nlme"                  "nnet"
#> [400] "parallel"                "rpart"                 "spatial"
#> [403] "splines"                 "stats"                 "stats4"
#> [406] "survival"                "tcltk"                 "tools"
#> [409] "utils"
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References

- Pesigan, I. J. A., Russell, M. A., & Chow, S.-M. (2025). Inferences and effect sizes for direct, indirect, and total effects in continuous-time mediation models. *Psychological Methods*. <https://doi.org/10.1037/met0000779>
- R Core Team. (2025). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing, Vienna, Austria. <https://www.R-project.org/>