

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_0.6-17      semmcci_1.1.4.9000 rProject_0.0.13
#>
#> loaded via a namespace (and not attached):
#> [1] httr_1.4.7      cli_3.6.3.9000   knitr_1.47      rlang_1.1.4
#> [5] xfun_0.45       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_0.24.0  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"   "cli"
#> [5] "crayon"      "downlit"      "evaluate"     "mi"
#> [9] "rlang"       "rProject"     "rsem"         "sem"
#> [13] "semmcci"     "tinytex"      "xfun"         "abind"
#> [17] "arrow"       "ash"          "AsioHeaders"  "askpass"

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#> [21] "assertthat"      "backports"      "base64enc"      "betaDelta"
#> [25] "betaMC"          "betaNB"         "betaSandwich"   "BH"
#> [29] "bibtex"          "BiocManager"    "bit"            "bit64"
#> [33] "bitops"          "blob"           "brew"           "brio"
#> [37] "broom"           "bslib"          "cachem"         "callr"
#> [41] "car"             "caracas"        "carData"        "cellranger"
#> [45] "cfr"             "checkmate"      "cli"            "clipr"
#> [49] "clock"           "coda"           "c0de"           "collections"
#> [53] "colorspace"      "commonmark"     "conflicted"     "corpcor"
#> [57] "covr"            "cowplot"        "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"           "fans"           "farver"
#> [97] "fastDummies"     "fastmap"        "fclust"         "fda"
#> [101] "fdrtool"         "fds"            "FNN"            "fontawesome"
#> [105] "forcats"         "foreach"        "Formula"        "fs"
#> [109] "fst"             "fstcore"        "furrr"          "future"
#> [113] "future.apply"    "gargle"         "generics"       "gert"
#> [117] "ggplot2"         "ggrepel"        "gh"             "gitcreds"
#> [121] "glasso"          "glmnet"         "globals"        "glue"
#> [125] "googledrive"     "googlesheets4" "gower"          "GPfit"

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

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#> [237]	"progress"	"progressr"	"promises"	"proto"
#> [241]	"ps"	"psych"	"purrr"	"qgraph"
#> [245]	"qpdf"	"quadprog"	"quantreg"	"quarto"
#> [249]	"QuickJSR"	"R.cache"	"R.methodsS3"	"R.oo"
#> [253]	"R.utils"	"R6"	"ragg"	"rainbow"
#> [257]	"rappdirs"	"rbibutils"	"rcmdcheck"	"RColorBrewer"
#> [261]	"Rcpp"	"RcppArmadillo"	"RcppEigen"	"RcppGSL"
#> [265]	"RcppParallel"	"RcppTOML"	"RCurl"	"Rdpack"
#> [269]	"readr"	"readxl"	"recipes"	"RefManagerR"
#> [273]	"rematch"	"rematch2"	"remotes"	"reprex"
#> [277]	"reshape2"	"reticulate"	"rex"	"rhub"
#> [281]	"rlang"	"RMariaDB"	"rmarkdown"	"roxygen2"
#> [285]	"rpf"	"RPostgres"	"rProject"	"rprojroot"
#> [289]	"rsample"	"RSQLite"	"rstan"	"rstantools"
#> [293]	"rstudioapi"	"rversions"	"rvest"	"Ryacas"
#> [297]	"sass"	"scales"	"selectr"	"semlbci"
#> [301]	"semmcci"	"sessioninfo"	"shape"	"shiny"
#> [305]	"simStateSpace"	"slider"	"snow"	"snowfall"
#> [309]	"sourcetools"	"SparseM"	"SQUAREM"	"StanHeaders"
#> [313]	"statmod"	"stringi"	"stringr"	"styler"
#> [317]	"symSEM"	"sys"	"systemfonts"	"tensorA"
#> [321]	"testthat"	"texreg"	"textshaping"	"tibble"
#> [325]	"tidymodels"	"tidyr"	"tidyselect"	"tidyverse"
#> [329]	"timechange"	"timeDate"	"tinytex"	"tune"
#> [333]	"tzdb"	"ucminf"	"unigd"	"urlchecker"
#> [337]	"usethis"	"utf8"	"uuid"	"V8"
#> [341]	"vctrs"	"viridis"	"viridisLite"	"vroom"

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#> [345] "waldo"          "warp"           "whisker"        "whoami"
#> [349] "withr"          "workflows"      "workflowsets"   "xfun"
#> [353] "xml2"           "xmlparsedata"   "xopen"          "xtable"
#> [357] "yaml"           "yardstick"      "zip"            "base"
#> [361] "boot"           "class"          "cluster"        "codetools"
#> [365] "compiler"       "datasets"       "foreign"        "graphics"
#> [369] "grDevices"      "grid"           "KernSmooth"     "lattice"
#> [373] "MASS"           "Matrix"         "methods"        "mgcv"
#> [377] "nlme"           "nnet"           "parallel"       "rpart"
#> [381] "spatial"        "splines"        "stats"          "stats4"
#> [385] "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*, 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/>