

Session Info

Ivan Jacob Agaloos Pesigan

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_0.0.14
#>
#> loaded via a namespace (and not attached):
#> [1] backports_1.5.0  R6_2.5.1          lubridate_1.9.3  xfun_0.48
#> [5] magrittr_2.0.3   glue_1.8.0        stringr_1.5.1    knitr_1.48
#> [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_1.0.0   Rcpp_1.0.13       RefManageR_1.4.0 rlang_1.1.4
#> [25] jsonlite_1.8.9   stringi_1.8.4

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Packages

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

#> [1] "cli"           "cTMed"          "curl"
#> [4] "devtools"      "evaluate"       "gert"
#> [7] "glue"          "httr2"          "jsonlite"
#> [10] "openssl"       "pkgdown"        "profvis"
#> [13] "ps"            "rProject"       "tinytex"
#> [16] "V8"            "xfun"           "abind"

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#> [19] "arm"           "arrow"         "ash"
#> [22] "AsioHeaders"   "askpass"       "assertthat"
#> [25] "backports"     "base64enc"     "betaDelta"
#> [28] "betaMC"        "betaNB"        "betaSandwich"
#> [31] "BH"            "bibtex"        "BiocManager"
#> [34] "bit"           "bit64"         "bitops"
#> [37] "blob"          "brew"          "brio"
#> [40] "broom"         "bslib"         "cachem"
#> [43] "callr"         "car"           "caracas"
#> [46] "carData"       "cellranger"    "cfrfr"
#> [49] "checkmate"     "cli"           "clipr"
#> [52] "clock"         "clusterGeneration" "coda"
#> [55] "c0de"          "collections"   "colorspace"
#> [58] "commonmark"    "conflicted"    "corpcor"
#> [61] "covr"          "cowplot"       "cpp11"
#> [64] "crayon"        "credentials"   "crosstalk"
#> [67] "cTMed"         "ctsem"         "curl"
#> [70] "cyclocomp"     "data.table"    "DBI"
#> [73] "dbplyr"        "Deriv"         "desc"
#> [76] "deSolve"       "devtools"      "diagram"
#> [79] "dials"         "DiceDesign"    "diffobj"
#> [82] "digest"        "distributional" "distro"
#> [85] "doBy"          "docopt"        "doFuture"
#> [88] "downlit"       "dplyr"         "DT"
#> [91] "dtplyr"        "duckdb"        "dynr"
#> [94] "dynUtils"      "ellipse"       "ellipsis"
#> [97] "evaluate"      "expm"          "fansI"

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#> [100] "farver"           "fastDummies"      "fastmap"
#> [103] "fclust"           "fda"               "fdrtool"
#> [106] "fds"              "fitCTVARMx"        "fitDTVARMx"
#> [109] "FNN"              "fontawesome"       "forcats"
#> [112] "foreach"          "Formula"           "fs"
#> [115] "fst"              "fstcore"           "furrr"
#> [118] "future"           "future.apply"      "gargle"
#> [121] "generics"         "gert"              "ggplot2"
#> [124] "ggrepel"          "gh"                "gitcreds"
#> [127] "glasso"           "glmnet"            "globals"
#> [130] "glue"             "googledrive"       "googlesheets4"
#> [133] "gower"            "GPArotation"       "GPfit"
#> [136] "graphicalVAR"     "gridExtra"         "gsubfn"
#> [139] "gtable"           "gtools"            "hardhat"
#> [142] "haven"            "hdcrcde"           "here"
#> [145] "highr"            "Hmisc"             "hms"
#> [148] "htmlTable"        "htmltools"         "htmlwidgets"
#> [151] "httpgd"           "httpuv"            "httr"
#> [154] "httr2"            "ids"               "ifaTools"
#> [157] "igraph"           "infer"             "ini"
#> [160] "inline"           "ipred"             "isoband"
#> [163] "iterators"        "jomo"              "jpeg"
#> [166] "jquerylib"        "jsonlite"          "jsonvalidate"
#> [169] "kernlab"          "knitr"             "ks"
#> [172] "labeling"         "Lahman"            "languageserver"
#> [175] "later"            "latex2exp"         "lava"
#> [178] "lavaan"           "lazyeval"          "lhs"

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#> [181]	"lifecycle"	"lintr"	"listenv"
#> [184]	"littler"	"lme4"	"locfit"
#> [187]	"longMI"	"loo"	"lubridate"
#> [190]	"magick"	"magrittr"	"markdown"
#> [193]	"MatrixModels"	"matrixStats"	"mclust"
#> [196]	"memoise"	"metaSEM"	"metaVAR"
#> [199]	"mice"	"microbenchmark"	"mime"
#> [202]	"miniUI"	"minqa"	"mitml"
#> [205]	"mize"	"mlVAR"	"mnormt"
#> [208]	"modeldata"	"modelenv"	"modelr"
#> [211]	"MplusAutomation"	"multicool"	"munsell"
#> [214]	"mvtnorm"	"nloptr"	"numDeriv"
#> [217]	"nycflights13"	"OpenMx"	"openssl"
#> [220]	"ordinal"	"pan"	"pander"
#> [223]	"parallelly"	"parsnip"	"patchwork"
#> [226]	"pbapply"	"pbivnorm"	"pbkrtest"
#> [229]	"pcaPP"	"pdftools"	"pillar"
#> [232]	"pkgbuild"	"pkgconfig"	"pkgdown"
#> [235]	"pkgload"	"plogr"	"plyr"
#> [238]	"png"	"posterior"	"pracma"
#> [241]	"praise"	"prettyunits"	"printr"
#> [244]	"processx"	"prodlim"	"profvis"
#> [247]	"progress"	"progressr"	"promises"
#> [250]	"proto"	"ps"	"psych"
#> [253]	"purrr"	"qgraph"	"qpdf"
#> [256]	"quadprog"	"quantreg"	"quarto"
#> [259]	"QuickJSR"	"R.cache"	"R.methodsS3"

#> [262]	"R.oo"	"R.utils"	"R6"
#> [265]	"ragg"	"rainbow"	"rappdirs"
#> [268]	"rbibutils"	"rcmdcheck"	"RColorBrewer"
#> [271]	"Rcpp"	"RcppArmadillo"	"RcppEigen"
#> [274]	"RcppGSL"	"RcppParallel"	"RcppTOML"
#> [277]	"RCurl"	"Rdpack"	"readr"
#> [280]	"readxl"	"recipes"	"RefManager"
#> [283]	"rematch"	"rematch2"	"remotes"
#> [286]	"reprex"	"reshape2"	"reticulate"
#> [289]	"rex"	"rhub"	"rjags"
#> [292]	"rlang"	"RMariaDB"	"rmarkdown"
#> [295]	"roxygen2"	"rpf"	"RPostgres"
#> [298]	"rProject"	"rprojroot"	"rsample"
#> [301]	"RSQLite"	"rstan"	"rstantools"
#> [304]	"rstudioapi"	"rversions"	"rvest"
#> [307]	"Ryacas"	"sass"	"scales"
#> [310]	"selectr"	"semlbci"	"semmccci"
#> [313]	"sessioninfo"	"sfd"	"shape"
#> [316]	"shiny"	"simStateSpace"	"slider"
#> [319]	"snow"	"snowfall"	"sourcetools"
#> [322]	"SparseM"	"SQUAREM"	"StanHeaders"
#> [325]	"statmod"	"stringi"	"stringr"
#> [328]	"styler"	"symSEM"	"sys"
#> [331]	"systemfonts"	"tensorA"	"testthat"
#> [334]	"texreg"	"textshaping"	"tibble"
#> [337]	"tidymodels"	"tidyr"	"tidyselect"
#> [340]	"tidyverse"	"timechange"	"timeDate"

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#> [343] "tinytex"          "tune"             "tzdb"
#> [346] "ucminf"           "unigd"            "urlchecker"
#> [349] "usethis"          "utf8"             "uuid"
#> [352] "V8"               "vctrs"            "viridis"
#> [355] "viridisLite"      "vroom"            "waldo"
#> [358] "warp"             "whisker"          "whoami"
#> [361] "withr"            "workflows"        "workflowsets"
#> [364] "xfun"             "xml2"             "xmlparsedata"
#> [367] "xopen"            "xtable"           "yaml"
#> [370] "yardstick"        "zip"              "base"
#> [373] "boot"             "class"            "cluster"
#> [376] "codetools"        "compiler"         "datasets"
#> [379] "foreign"          "graphics"         "grDevices"
#> [382] "grid"             "KernSmooth"       "lattice"
#> [385] "MASS"             "Matrix"           "methods"
#> [388] "mgcv"             "nlme"             "nnet"
#> [391] "parallel"         "rpart"            "spatial"
#> [394] "splines"          "stats"            "stats4"
#> [397] "survival"         "tcltk"            "tools"
#> [400] "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/>