

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_3.6.2.9000  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] "metaVAR"      "abind"          "arrow"          "ash"
#> [5] "AsioHeaders"  "askpass"        "assertthat"     "backports"
#> [9] "base64enc"    "betaDelta"      "betaMC"         "betaNB"
#> [13] "betaSandwich" "BH"             "bibtex"         "BiocManager"
#> [17] "bit"          "bit64"          "bitops"         "blob"
#> [21] "brew"         "brio"           "broom"          "bslib"

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#> [25] "cachem"      "callr"      "car"        "caracas"
#> [29] "carData"     "cellranger" "cffr"       "checkmate"
#> [33] "cli"         "clipr"      "clock"      "coda"
#> [37] "c0de"        "collections" "colorspace" "commonmark"
#> [41] "conflicted"  "corpcor"    "covr"       "cowplot"
#> [45] "cpp11"       "crayon"     "credentials" "crosstalk"
#> [49] "cTMed"       "ctsem"      "curl"       "cyclocomp"
#> [53] "data.table"  "DBI"        "dbplyr"     "Deriv"
#> [57] "desc"        "deSolve"    "devtools"   "diagram"
#> [61] "dials"       "DiceDesign" "diffobj"    "digest"
#> [65] "distributional" "distro"    "doBy"       "docopt"
#> [69] "doFuture"    "downlit"    "dplyr"      "DT"
#> [73] "dtplyr"      "duckdb"     "dynr"       "dynUtils"
#> [77] "ellipse"     "ellipsis"   "evaluate"   "expm"
#> [81] "fansi"       "farver"     "fastDummies" "fastmap"
#> [85] "fclust"      "fda"        "fdrtool"    "fds"
#> [89] "FNN"         "fontawesome" "forcats"    "foreach"
#> [93] "Formula"     "fs"         "fst"        "fstcore"
#> [97] "furryr"      "future"     "future.apply" "gargle"
#> [101] "generics"    "gert"       "ggplot2"    "ggrepel"
#> [105] "gh"          "gitcreds"   "glasso"     "glmnet"
#> [109] "globals"     "glue"       "googledrive" "googlesheets4"
#> [113] "gower"       "GPfit"      "gridExtra"  "gsubfn"
#> [117] "gtable"      "gtools"     "hardhat"    "haven"
#> [121] "hdcrcde"     "here"       "highr"      "Hmisc"
#> [125] "hms"         "htmlTable"  "htmltools"  "htmlwidgets"
#> [129] "httpgd"      "httpuv"     "httr"       "httr2"

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|----------|------------------|----------------|-------------------|------------------|
| #> [133] | "ids" | "ifaTools" | "igraph" | "infer" |
| #> [137] | "ini" | "inline" | "ipred" | "isoband" |
| #> [141] | "iterators" | "jomo" | "jpeg" | "jquerylib" |
| #> [145] | "jsonlite" | "jsonvalidate" | "kernlab" | "knitr" |
| #> [149] | "ks" | "labeling" | "Lahman" | "languageserver" |
| #> [153] | "later" | "latex2exp" | "lava" | "lavaan" |
| #> [157] | "lazyeval" | "lhs" | "lifecycle" | "lintr" |
| #> [161] | "listenv" | "littler" | "lme4" | "locfit" |
| #> [165] | "longMI" | "loo" | "lubridate" | "magick" |
| #> [169] | "magrittr" | "markdown" | "MatrixModels" | "matrixStats" |
| #> [173] | "mclust" | "memoise" | "metaSEM" | "mice" |
| #> [177] | "microbenchmark" | "mime" | "miniUI" | "minqa" |
| #> [181] | "mitml" | "mize" | "mnormt" | "modeldata" |
| #> [185] | "modelenv" | "modelr" | "MplusAutomation" | "multicool" |
| #> [189] | "munsell" | "mvtnorm" | "nloptr" | "numDeriv" |
| #> [193] | "nycflights13" | "OpenMx" | "openssl" | "ordinal" |
| #> [197] | "pan" | "pander" | "parallelly" | "parsnip" |
| #> [201] | "patchwork" | "pbapply" | "pbivnorm" | "pbkrtest" |
| #> [205] | "pcaPP" | "pdftools" | "pillar" | "pkgbuild" |
| #> [209] | "pkgconfig" | "pkgdown" | "pkgload" | "plogr" |
| #> [213] | "plyr" | "png" | "posterior" | "pracma" |
| #> [217] | "praise" | "prettyunits" | "printr" | "processx" |
| #> [221] | "prodlim" | "profvis" | "progress" | "progressr" |
| #> [225] | "promises" | "proto" | "ps" | "psych" |
| #> [229] | "purrr" | "qgraph" | "qpdf" | "quadprog" |
| #> [233] | "quantreg" | "quarto" | "QuickJSR" | "R.cache" |
| #> [237] | "R.methodsS3" | "R.oo" | "R.utils" | "R6" |

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

R Core Team. (2023). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. Vienna, Austria. <https://www.R-project.org/>