

Session Info

Ivan Jacob Agaloos Pesigan

Session

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sessionInfo()
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#> R version 4.3.2 (2023-10-31)
#> Platform: x86_64-pc-linux-gnu (64-bit)
#> Running under: Ubuntu 22.04.3 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-p-r0.3.20.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
#> tzcode source: system (glibc)
#>
#> attached base packages:
#> [1] stats      graphics  grDevices  utils      datasets  methods   base
#>
#> other attached packages:
#> [1] rProject_0.0.5
#>
#> loaded via a namespace (and not attached):
#>  [1] backports_1.4.1   R6_2.5.1          lubridate_1.9.3   xfun_0.41
#>  [5] magrittr_2.0.3    glue_1.6.2        stringr_1.5.1     knitr_1.45
#>  [9] timechange_0.2.0  generics_0.1.3    lifecycle_1.0.4   xml2_1.3.5
#> [13] cli_3.6.1.9000    bibtex_0.5.1      compiler_4.3.2    highr_0.10
#> [17] rprojroot_2.0.4   plyr_1.8.9        httr_1.4.7        rstudioapi_0.15.0
#> [21] tools_4.3.2       evaluate_0.23     Rcpp_1.0.11       RefManageR_1.4.0
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#> [25] rlang_1.1.2      jsonlite_1.8.7    stringi_1.8.2
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Packages

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unnname(installed.packages()[, 1])
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```
#> [1] "bslib"          "crosstalk"      "DT"             "rProject"
#> [5] "simStateSpace" "stringi"        "testthat"      "abind"
#> [9] "arrow"         "ash"           "askpass"       "assertthat"
#> [13] "backports"     "base64enc"     "betaDelta"     "betaMC"
#> [17] "betaNB"        "betaSandwich"  "BH"            "bibtex"
#> [21] "BiocManager"   "bit"           "bit64"         "bitops"
#> [25] "blob"          "brew"          "brio"          "broom"
#> [29] "bslib"         "cachem"        "callr"         "car"
#> [33] "caracas"       "carData"       "cellranger"    "cfr"
#> [37] "checkmate"     "cli"           "clipr"         "clock"
#> [41] "collections"   "colorspace"    "commonmark"    "conflicted"
#> [45] "corpcor"       "covr"          "cpp11"         "crayon"
#> [49] "credentials"   "curl"          "cyclocomp"     "data.table"
#> [53] "DBI"           "dbplyr"        "Deriv"         "desc"
#> [57] "deSolve"       "devtools"      "diagram"       "dials"
#> [61] "DiceDesign"    "diffobj"       "digest"        "distrib"
#> [65] "doBy"          "docopt"        "downlit"       "dplyr"
#> [69] "dtplyr"        "duckdb"        "dynr"          "ellipse"
#> [73] "ellipses"      "evaluate"      "fans"         "farver"
#> [77] "fastmap"       "fclust"        "fda"           "fdrtool"
#> [81] "fdr"           "FNN"           "fontawesome"   "forcats"
#> [85] "foreach"       "Formula"       "fs"            "fst"
#> [89] "fstcore"       "furrr"         "future"        "future.apply"
#> [93] "gargle"        "generics"      "gert"          "ggplot2"
#> [97] "ggrepel"       "gh"            "gitcreds"      "glasso"
#> [101] "glmnet"        "globals"       "glue"          "googledrive"
#> [105] "googlesheets4" "gower"         "GPfit"         "gridExtra"
#> [109] "gtable"        "gttools"       "hardhat"       "haven"
#> [113] "hdcrcde"       "here"          "highr"         "Hmisc"
#> [117] "hms"           "htmlTable"     "htmltools"     "htmlwidgets"
#> [121] "httpgd"        "httpuv"        "httr"          "httr2"
#> [125] "ids"           "ifftools"      "igraph"        "infer"
#> [129] "ini"           "ipred"         "isoband"       "iterators"
#> [133] "jomo"          "jpeg"          "jquerylib"     "jsonlite"
#> [137] "jsonvalidate"  "kernlab"       "knitr"         "ks"
#> [141] "labeling"      "Lahman"        "languageserver" "later"
#> [145] "latex2exp"     "lava"         "lavaan"        "lazyeval"
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#> [149] "lhs"           "lifecycle"    "lintr"        "listenr"
#> [153] "littler"       "lme4"         "locfit"       "lubridate"
#> [157] "magick"        "magrittr"     "markdown"     "MatrixModels"
#> [161] "mclust"        "memoise"      "metaSEM"      "mice"
#> [165] "microbenchmark" "mime"         "miniUI"       "minqa"
#> [169] "misc3d"        "mitml"        "mnormt"       "modeldata"
#> [173] "modelenv"      "modelr"       "multicool"    "munsell"
#> [177] "mvtnorm"       "nloptr"       "numDeriv"     "nycflights13"
#> [181] "OpenMx"        "openssl"      "ordinal"      "packrat"
#> [185] "pan"           "parallelly"   "parsedate"     "parsnip"
#> [189] "patchwork"     "pbapply"      "pbivnorm"     "pbkrtest"
#> [193] "pcaPP"         "pdftools"     "pillar"       "pkgbuild"
#> [197] "pkgconfig"     "pkgdown"      "pkgload"      "plogr"
#> [201] "plot3D"        "plyr"         "png"          "pracma"
#> [205] "praise"        "prettyunits"  "printr"       "processx"
#> [209] "prodlim"       "profvis"      "progress"     "progressr"
#> [213] "promises"      "ps"           "psych"        "purrr"
#> [217] "qgraph"        "qpdf"         "quadprog"     "quantreg"
#> [221] "quarto"        "R.cache"      "R.methodsS3"  "R.oo"
#> [225] "R.utils"       "R6"           "ragg"         "rainbow"
#> [229] "rappdirs"      "rbibutils"    "rcmdcheck"    "RColorBrewer"
#> [233] "Rcpp"          "RcppArmadillo" "RcppEigen"    "RcppGSL"
#> [237] "RcppParallel" "RcppTOML"      "RCurl"        "Rdpack"
#> [241] "readr"         "readxl"       "recipes"      "RefManageR"
#> [245] "rematch"       "rematch2"     "remotes"      "renv"
#> [249] "reprex"        "reshape2"     "reticulate"   "rex"
#> [253] "rhub"          "rlang"        "RMariaDB"     "rmarkdown"
#> [257] "roxygen2"      "rpf"          "RPostgres"    "rProject"
#> [261] "rprojroot"     "rsample"      "rsconnect"     "RSQLite"
#> [265] "rstudioapi"    "rversions"    "rvest"        "Ryacas"
#> [269] "sass"          "scales"       "selectr"      "semlbci"
#> [273] "semmccci"      "sessioninfo"  "shape"        "shiny"
#> [277] "simStateSpace" "slider"       "snow"         "snowfall"
#> [281] "sourcetools"   "SparseM"      "SQUAREM"      "StanHeaders"
#> [285] "stringi"       "stringr"      "styler"       "symSEM"
#> [289] "sys"           "systemfonts"  "testthat"     "textshaping"
#> [293] "tibble"        "tidymodels"   "tidyr"        "tidyselect"
#> [297] "tidyverse"     "timechange"    "timeDate"     "tinytex"
#> [301] "tune"          "tzdb"         "ucminf"       "urlchecker"
#> [305] "usethis"       "utf8"         "uuid"         "V8"
#> [309] "vctrs"         "viridis"      "viridisLite"  "vroom"
#> [313] "waldo"         "warp"         "whisker"      "whoami"
#> [317] "withr"         "workflows"    "workflowsets" "xfun"
#> [321] "xml2"          "xmlparsedata" "xopen"        "xtable"
#> [325] "yaml"          "yardstick"    "zip"          "base"

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```
#> [329] "boot"          "class"          "cluster"         "codetools"
#> [333] "compiler"      "datasets"       "foreign"          "graphics"
#> [337] "grDevices"     "grid"           "KernSmooth"      "lattice"
#> [341] "MASS"          "Matrix"         "methods"          "mgcv"
#> [345] "nlme"          "nnet"           "parallel"         "rpart"
#> [349] "spatial"       "splines"        "stats"            "stats4"
#> [353] "survival"      "tcltk"          "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/>