

Session Info

Ivan Jacob Agaloos Pesigan

Session

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sessionInfo()
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#> 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-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_0.0.13
#>
#> 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_4.4.0   highr_0.11
#> [17] rprojroot_2.0.4  plyr_1.8.9        httr_1.4.7       tools_4.4.0
#> [21] evaluate_0.24.0  Rcpp_1.0.12       RefManageR_1.4.0 rlang_1.1.4
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#> [25] jsonlite_1.8.8 stringi_1.8.4
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Packages

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

```
#> [1] "downlit"      "evaluate"      "rlang"         "rProject"
#> [5] "simStateSpace" "tinytex"       "xfun"          "abind"
#> [9] "arrow"        "ash"           "AsioHeaders"   "askpass"
#> [13] "assertthat"   "backports"     "base64enc"     "betaDelta"
#> [17] "betaMC"       "betaNB"        "betaSandwich"  "BH"
#> [21] "bibtex"       "BiocManager"   "bit"           "bit64"
#> [25] "bitops"       "blob"          "brew"          "brio"
#> [29] "broom"        "bslib"         "cachem"        "callr"
#> [33] "car"          "caracas"       "carData"       "cellranger"
#> [37] "cfr"          "checkmate"     "cli"           "clipr"
#> [41] "clock"        "coda"          "c0de"          "collections"
#> [45] "colorspace"   "commonmark"    "conflicted"    "corpcor"
#> [49] "covr"         "cowplot"       "cpp11"         "crayon"
#> [53] "credentials"  "crosstalk"     "cTMed"         "ctsem"
#> [57] "curl"         "cyclocomp"     "data.table"    "DBI"
#> [61] "dbplyr"       "Deriv"         "desc"          "deSolve"
#> [65] "devtools"     "diagram"       "dials"         "DiceDesign"
#> [69] "diffobj"      "digest"        "distributional" "distro"
#> [73] "doBy"         "docopt"        "doFuture"      "downlit"
#> [77] "dplyr"        "DT"           "dtplyr"        "duckdb"
#> [81] "dynr"         "dynUtils"      "ellipse"       "ellipsis"
#> [85] "evaluate"     "expm"          "fans"         "farver"
#> [89] "fastDummies" "fastmap"       "fclust"        "fda"
#> [93] "fdrtool"      "fds"           "FNN"           "fontawesome"
#> [97] "forcats"     "foreach"       "Formula"       "fs"
#> [101] "fst"          "fstcore"       "furry"         "future"
#> [105] "future.apply" "gargle"        "generics"      "gert"
#> [109] "ggplot2"      "ggrepel"       "gh"            "gitcreds"
#> [113] "glasso"       "glmnet"        "globals"       "glue"
#> [117] "googledrive"  "googlesheets4" "gower"         "GPfit"
#> [121] "gridExtra"    "gsubfn"        "gtable"        "gtools"
#> [125] "hardhat"      "haven"         "hdcrcde"       "here"
#> [129] "highr"        "Hmisc"         "hms"           "htmlTable"
#> [133] "htmltools"    "htmlwidgets"   "httpgd"        "httpuv"
#> [137] "httr"         "httr2"         "ids"           "ifaTools"
#> [141] "igraph"       "infer"         "ini"           "inline"
#> [145] "ipred"        "isoband"       "iterators"     "jomo"
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#> [149] "jpeg"           "jquerylib"      "jsonlite"       "jsonvalidate"
#> [153] "kernlab"        "knitr"          "ks"             "labeling"
#> [157] "Lahman"         "languageserver" "later"          "latex2exp"
#> [161] "lava"          "lavaan"         "lazyeval"       "lhs"
#> [165] "lifecycle"     "lintr"          "listenv"        "littler"
#> [169] "lme4"          "locfit"         "longMI"         "loo"
#> [173] "lubridate"     "magick"         "magrittr"       "markdown"
#> [177] "MatrixModels"  "matrixStats"    "mclust"         "memoise"
#> [181] "metaSEM"       "mice"           "microbenchmark" "mime"
#> [185] "miniUI"        "minqa"          "mitml"          "mize"
#> [189] "mnormt"        "modeldata"      "modelenv"       "modelr"
#> [193] "MplusAutomation" "multicool"      "munsell"        "mvtnorm"
#> [197] "nloptr"        "numDeriv"       "nycflights13"   "OpenMx"
#> [201] "openssl"       "ordinal"        "pan"            "pander"
#> [205] "parallelly"    "parsnip"        "patchwork"      "pbapply"
#> [209] "pbivnorm"      "pbrkrttest"     "pcaPP"          "pdftools"
#> [213] "pillar"        "pkgbuild"       "pkgconfig"      "pkgdown"
#> [217] "pkgload"       "plogr"          "plyr"           "png"
#> [221] "posterior"     "pracma"         "praise"         "prettyunits"
#> [225] "printr"        "processx"       "prodlm"         "profvis"
#> [229] "progress"      "progressr"      "promises"       "proto"
#> [233] "ps"           "psych"          "purrr"          "qgraph"
#> [237] "qpdf"          "quadprog"       "quantreg"       "quarto"
#> [241] "QuickJSR"      "R.cache"        "R.methodsS3"    "R.oo"
#> [245] "R.utils"       "R6"             "ragg"           "rainbow"
#> [249] "rappdirs"      "rbibutils"      "rcmdcheck"      "RColorBrewer"
#> [253] "Rcpp"          "RcppArmadillo"  "RcppEigen"      "RcppGSL"
#> [257] "RcppParallel"  "RcppTOML"       "RCurl"          "Rdpack"
#> [261] "readr"         "readxl"         "recipes"        "RefManagerR"
#> [265] "rematch"       "rematch2"       "remotes"        "reprex"
#> [269] "reshape2"     "reticulate"     "rex"            "rhub"
#> [273] "rlang"         "RMariaDB"       "rmarkdown"      "roxygen2"
#> [277] "rpf"          "RPostgres"      "rProject"       "rprojroot"
#> [281] "rsample"       "RSQLite"        "rstan"          "rstantools"
#> [285] "rstudioapi"    "rversions"      "rvest"          "Ryacas"
#> [289] "sass"         "scales"         "selectr"        "semlbci"
#> [293] "semmcci"       "sessioninfo"    "shape"          "shiny"
#> [297] "simStateSpace" "slider"         "snow"           "snowfall"
#> [301] "sourcetools"   "SparseM"        "SQUAREM"        "StanHeaders"
#> [305] "statmod"       "stringi"        "stringr"        "styler"
#> [309] "symSEM"        "sys"            "systemfonts"    "tensorA"
#> [313] "testthat"      "texreg"         "textshaping"    "tibble"
#> [317] "tidymodels"    "tidyr"          "tidyselect"     "tidyverse"
#> [321] "timechange"    "timeDate"       "tinytex"        "tune"
#> [325] "tzdb"          "ucminf"         "unigd"          "urlchecker"

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#> [329] "usethis"      "utf8"      "uuid"      "V8"
#> [333] "vctrs"       "viridis"   "viridisLite" "vroom"
#> [337] "waldo"       "warp"      "whisker"    "whoami"
#> [341] "withr"       "workflows" "workflowsets" "xfun"
#> [345] "xml2"        "xmlparsedata" "xopen"     "xtable"
#> [349] "yaml"        "yardstick" "zip"        "base"
#> [353] "boot"        "class"     "cluster"    "codetools"
#> [357] "compiler"    "datasets"  "foreign"    "graphics"
#> [361] "grDevices"   "grid"      "KernSmooth" "lattice"
#> [365] "MASS"        "Matrix"    "methods"    "mgcv"
#> [369] "nlme"        "nnet"      "parallel"   "rpart"
#> [373] "spatial"     "splines"   "stats"      "stats4"
#> [377] "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/>