

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_0.0.7
#>
#> 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_1.7.0        stringr_1.5.1     knitr_1.45
#>  [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_4.3.2    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_1.0.12       RefManageR_1.4.0
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#> [25] rlang_1.1.3      jsonlite_1.8.8    stringi_1.8.3
```

Packages

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

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#> [329] "whoami"      "withr"      "workflows"  "workflowsets"
#> [333] "xfun"        "xml2"        "xmlparsedata" "xopen"
#> [337] "xtable"      "yaml"        "yardstick"  "zip"
#> [341] "base"        "boot"        "class"      "cluster"
#> [345] "codetools"   "compiler"    "datasets"   "foreign"
#> [349] "graphics"    "grDevices"   "grid"       "KernSmooth"
#> [353] "lattice"     "MASS"        "Matrix"     "methods"
#> [357] "mgcv"        "nlme"        "nnet"       "parallel"
#> [361] "rpart"       "spatial"     "splines"    "stats"
#> [365] "stats4"      "survival"    "tcltk"      "tools"
#> [369] "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/>