Session Info

Ivan Jacob Agaloos Pesigan

Session

```r
sessionInfo()

#> R version 4.3.1 (2023-06-16)
#> Platform: x86_64-pc-linux-gnu (64-bit)
#> Running under: Ubuntu 22.04.2 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/libopenblasp-r0.3.20.so;  LAPACK version 3.10.
#>
#> 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_0.0.3
#>
#> loaded via a namespace (and not attached):
#>  [1] backports_1.4.1   R6_2.5.1          lubridate_1.9.2   xfun_0.39
#>  [5] magrittr_2.0.3    glue_1.6.2        stringr_1.5.0     knitr_1.43
#>  [9] timechange_0.2.0  generics_0.1.3    lifecycle_1.0.3   xml2_1.3.5
#> [13] cli_3.6.1.9000    bibtex_0.5.1      compiler_4.3.1    plyr_1.8.8
#> [17] highr_0.10        rprojroot_2.0.3   httr_1.4.6        rstudioapi_0.15.0
#> [21] tools_4.3.1       evaluate_0.21     Rcpp_1.0.11       RefManageR_1.4.0
```

```
#> [25] rlang_1.1.1        jsonlite_1.8.7     stringi_1.7.12
```

Packages

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

```
#>   [1] "lmtest"          "rProject"        "sandwich"        "simAutoReg"
#>   [5] "strucchange"     "urca"            "vars"            "zoo"
#>   [9] "abind"           "arrow"           "ash"             "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"             "carData"         "cellranger"      "cffr"
#>  [37] "checkmate"       "cli"             "clipr"           "clock"
#>  [41] "collections"     "colorspace"      "commonmark"      "conflicted"
#>  [45] "corpcor"         "covr"            "cpp11"           "crayon"
#>  [49] "credentials"     "curl"            "cyclocomp"       "data.table"
#>  [53] "DBI"             "dbplyr"          "desc"            "deSolve"
#>  [57] "devtools"        "diagram"         "dials"           "DiceDesign"
#>  [61] "diffobj"         "digest"          "distro"          "docopt"
#>  [65] "downlit"         "dplyr"           "dtplyr"          "duckdb"
#>  [69] "dynr"            "ellipsis"        "evaluate"        "fansi"
#>  [73] "farver"          "fastmap"         "fclust"          "fda"
#>  [77] "fdrtool"         "fds"             "FNN"             "fontawesome"
#>  [81] "forcats"         "foreach"         "Formula"         "fs"
#>  [85] "fst"             "fstcore"         "furrr"           "future"
#>  [89] "future.apply"    "gargle"          "generics"        "gert"
#>  [93] "ggplot2"         "gh"              "gitcreds"        "glasso"
#>  [97] "glmnet"          "globals"         "glue"            "googledrive"
#> [101] "googlesheets4"   "gower"           "GPfit"           "gridExtra"
#> [105] "gtable"          "gtools"          "hardhat"         "haven"
#> [109] "hdrcde"          "highr"           "Hmisc"           "hms"
#> [113] "htmlTable"       "htmltools"       "htmlwidgets"     "httpgd"
#> [117] "httpuv"          "httr"            "httr2"           "ids"
#> [121] "ifaTools"        "igraph"          "infer"           "ini"
#> [125] "ipred"           "isoband"         "iterators"       "jomo"
#> [129] "jpeg"            "jquerylib"       "jsonlite"        "jsonvalidate"
#> [133] "kernlab"         "knitr"           "ks"              "labeling"
#> [137] "Lahman"          "languageserver"  "later"           "latex2exp"
#> [141] "lava"            "lavaan"          "lazyeval"        "lhs"
#> [145] "lifecycle"       "lintr"           "listenv"         "littler"
```

```
#> [149] "lme4"           "locfit"         "lubridate"      "magick"
#> [153] "magrittr"       "markdown"       "Matrix"         "MatrixModels"
#> [157] "mclust"         "memoise"        "mice"           "microbenchmark"
#> [161] "mime"           "miniUI"         "minqa"          "misc3d"
#> [165] "mitml"          "mnormt"         "modeldata"      "modelenv"
#> [169] "modelr"         "multicool"      "munsell"        "mvtnorm"
#> [173] "nloptr"         "numDeriv"       "nycflights13"   "OpenMx"
#> [177] "openssl"        "ordinal"        "packrat"        "pan"
#> [181] "parallelly"     "parsedate"      "parsnip"        "patchwork"
#> [185] "pbapply"        "pbivnorm"       "pbkrtest"       "pcaPP"
#> [189] "pdftools"       "pillar"         "pkgbuild"       "pkgconfig"
#> [193] "pkgdown"        "pkgload"        "plogr"          "plot3D"
#> [197] "plyr"           "png"            "pracma"         "praise"
#> [201] "prettyunits"    "printr"         "processx"       "prodlim"
#> [205] "profvis"        "progress"       "progressr"      "promises"
#> [209] "ps"             "psych"          "purrr"          "qgraph"
#> [213] "qpdf"           "quadprog"       "quantreg"       "quarto"
#> [217] "R.cache"        "R.methodsS3"    "R.oo"           "R.utils"
#> [221] "R6"             "ragg"           "rainbow"        "rappdirs"
#> [225] "rbibutils"      "rcmdcheck"      "RColorBrewer"   "Rcpp"
#> [229] "RcppArmadillo"  "RcppEigen"      "RcppGSL"        "RcppParallel"
#> [233] "RCurl"          "Rdpack"         "readr"          "readxl"
#> [237] "recipes"        "RefManageR"     "rematch"        "rematch2"
#> [241] "remotes"        "renv"           "reprex"         "reshape2"
#> [245] "rex"            "rhub"           "rlang"          "RMariaDB"
#> [249] "rmarkdown"      "roxygen2"       "rpf"            "RPostgres"
#> [253] "rProject"       "rprojroot"      "rsample"        "rsconnect"
#> [257] "RSQLite"        "rstudioapi"     "rversions"      "rvest"
#> [261] "Ryacas"         "sass"           "scales"         "selectr"
#> [265] "semmcci"        "sessioninfo"    "shape"          "shiny"
#> [269] "slider"         "snow"           "snowfall"       "sourcetools"
#> [273] "SparseM"        "SQUAREM"        "StanHeaders"    "stringi"
#> [277] "stringr"        "styler"         "sys"            "systemfonts"
#> [281] "testthat"       "textshaping"    "tibble"         "tidymodels"
#> [285] "tidyr"          "tidyselect"     "tidyverse"      "timechange"
#> [289] "timeDate"       "tinytex"        "tune"           "tzdb"
#> [293] "ucminf"         "urlchecker"     "usethis"        "utf8"
#> [297] "uuid"           "V8"             "vctrs"          "viridis"
#> [301] "viridisLite"    "vroom"          "waldo"          "warp"
#> [305] "whisker"        "whoami"         "withr"          "workflows"
#> [309] "workflowsets"   "xfun"           "xml2"           "xmlparsedata"
#> [313] "xopen"          "xtable"         "yaml"           "yardstick"
#> [317] "zip"            "base"           "boot"           "class"
#> [321] "cluster"        "codetools"      "compiler"       "datasets"
#> [325] "foreign"        "graphics"       "grDevices"      "grid"
```

```
#> [329] "KernSmooth"     "lattice"       "MASS"          "Matrix"
#> [333] "methods"        "mgcv"          "nlme"          "nnet"
#> [337] "parallel"       "rpart"         "spatial"       "splines"
#> [341] "stats"          "stats4"        "survival"      "tcltk"
#> [345] "tools"          "utils"
```

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/