Session Info

Ivan Jacob Agaloos Pesigan

Session

```r
sessionInfo()
```

```
#> 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/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_0.0.7
#>
#> loaded via a namespace (and not attached):
#>  [1] backports_1.4.1  R6_2.5.1          lubridate_1.9.3  xfun_0.42
#>  [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       tools_4.3.2
#> [21] evaluate_0.23    Rcpp_1.0.12      RefManageR_1.4.0 rlang_1.1.3
```

```
#> [25] jsonlite_1.8.8   stringi_1.8.3
```

Packages

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

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

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

```
#> [329] "zip"          "base"         "boot"         "class"
#> [333] "cluster"      "codetools"    "compiler"     "datasets"
#> [337] "foreign"      "graphics"     "grDevices"    "grid"
#> [341] "KernSmooth"   "lattice"      "MASS"         "Matrix"
#> [345] "methods"      "mgcv"         "nlme"         "nnet"
#> [349] "parallel"     "rpart"        "spatial"      "splines"
#> [353] "stats"        "stats4"       "survival"     "tcltk"
#> [357] "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/