

Session Info

Ivan Jacob Agaloos Pesigan

Session

```
sessionInfo()
```

```
#> 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
```

```
#> [25] jsonlite_1.8.8 stringi_1.8.4
```

Packages

```
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] "cffi"            "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"
```

```

#> [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"

```

```

#> [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"

```

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/>