

Session Info

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Session

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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/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_0.0.5
#>
#> 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_1.6.2       stringr_1.5.1    knitr_1.45
#>  [9] timechange_0.2.0 generics_0.1.3    lifecycle_1.0.4  xml2_1.3.5
#> [13] cli_3.6.1.9000   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_1.0.11      RefManageR_1.4.0
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#> [25] rlang_1.1.2      jsonlite_1.8.7    stringi_1.8.1
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Packages

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unname(installed.packages()[, 1])
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```
#> [1] "crosstalk"      "DT"             "simStateSpace"  "abind"
#> [5] "arrow"          "ash"            "askpass"        "assertthat"
#> [9] "backports"      "base64enc"      "betaDelta"      "betaMC"
#> [13] "betaNB"         "betaSandwich"   "BH"             "bibtex"
#> [17] "BiocManager"    "bit"            "bit64"          "bitops"
#> [21] "blob"           "brew"           "brio"           "broom"
#> [25] "bslib"          "cachem"         "callr"          "car"
#> [29] "caracas"        "carData"        "cellranger"     "cffi"
#> [33] "checkmate"      "cli"            "clipr"          "clock"
#> [37] "collections"    "colorspace"     "commonmark"     "conflicted"
#> [41] "corpcor"        "covr"           "cpp11"          "crayon"
#> [45] "credentials"    "curl"           "cyclocomp"      "data.table"
#> [49] "DBI"            "dbplyr"         "Deriv"          "desc"
#> [53] "deSolve"        "devtools"       "diagram"        "dials"
#> [57] "DiceDesign"     "diffobj"        "digest"         "distro"
#> [61] "doBy"           "docopt"         "downlit"        "dplyr"
#> [65] "dtplyr"         "duckdb"         "dynr"           "ellipse"
#> [69] "ellipsis"       "evaluate"       "fans"          "farver"
#> [73] "fastmap"        "fclust"         "fda"            "fdrtool"
#> [77] "fds"            "FNN"            "fontawesome"    "forcats"
#> [81] "foreach"        "Formula"        "fs"             "fst"
#> [85] "fstcore"        "furrr"          "future"         "future.apply"
#> [89] "gargle"         "generics"       "gert"           "ggplot2"
#> [93] "ggrepel"        "gh"             "gitcreds"       "glasso"
#> [97] "glmnet"         "globals"        "glue"           "googledrive"
#> [101] "googlesheets4"  "gower"         "GPfit"          "gridExtra"
#> [105] "gtable"         "gtools"         "hardhat"        "haven"
#> [109] "hdcrcde"        "here"           "highr"          "Hmisc"
#> [113] "hms"            "htmlTable"      "htmltools"      "htmlwidgets"
#> [117] "httpgd"         "httpuv"         "httr"           "httr2"
#> [121] "ids"            "ifftools"       "igraph"         "infer"
#> [125] "ini"            "ipred"          "isoband"        "iterators"
#> [129] "jomo"           "jpeg"           "jquerylib"      "jsonlite"
#> [133] "jsonvalidate"   "kernlab"        "knitr"          "ks"
#> [137] "labeling"       "Lahman"         "languageserver" "later"
#> [141] "latex2exp"      "lava"           "lavaan"         "lazyeval"
#> [145] "lhs"            "lifecycle"      "lintr"          "listenv"
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#> [149] "littler"      "lme4"      "locfit"    "lubridate"
#> [153] "magick"      "magrittr"  "markdown"  "MatrixModels"
#> [157] "mclust"      "memoise"   "metaSEM"   "mice"
#> [161] "microbenchmark" "mime"      "miniUI"    "minqa"
#> [165] "misc3d"      "mitml"     "mnormt"    "modeldata"
#> [169] "modelenv"    "modelr"    "multicool" "munSELL"
#> [173] "mvtnorm"     "nloptr"    "numDeriv"  "nycflights13"
#> [177] "OpenMx"      "openssl"   "ordinal"    "packrat"
#> [181] "pan"         "parallelly" "parsedate"  "parsnip"
#> [185] "patchwork"   "pbapply"   "pbivnorm"  "pbkrtest"
#> [189] "pcaPP"       "pdftools"  "pillar"     "pkgbuild"
#> [193] "pkgconfig"   "pkgdown"   "pkgload"    "plogr"
#> [197] "plot3D"      "plyr"      "png"        "pracma"
#> [201] "praise"      "prettyunits" "printr"     "processx"
#> [205] "prodlim"     "profvis"   "progress"   "progressr"
#> [209] "promises"    "ps"        "psych"      "purrr"
#> [213] "qgraph"      "qpdf"      "quadprog"   "quantreg"
#> [217] "quarto"      "R.cache"   "R.methodsS3" "R.oo"
#> [221] "R.utils"     "R6"        "ragg"       "rainbow"
#> [225] "rappdirs"    "rbibutils" "rcmdcheck"  "RColorBrewer"
#> [229] "Rcpp"        "RcppArmadillo" "RcppEigen"  "RcppGSL"
#> [233] "RcppParallel" "RcppTOML"  "RCurl"      "Rdpack"
#> [237] "readr"       "readxl"    "recipes"    "RefManageR"
#> [241] "rematch"     "rematch2"  "remotes"    "renv"
#> [245] "reprex"      "reshape2"  "reticulate" "rex"
#> [249] "rhub"        "rlang"     "RMariaDB"   "rmarkdown"
#> [253] "roxygen2"    "rpf"       "RPostgres"  "rProject"
#> [257] "rprojroot"   "rsample"   "rsconnect"  "RSQLite"
#> [261] "rstudioapi"  "rversions" "rvest"      "Ryacas"
#> [265] "sass"        "scales"    "selectr"    "semlbci"
#> [269] "semmcci"     "sessioninfo" "shape"      "shiny"
#> [273] "simStateSpace" "slider"    "snow"       "snowfall"
#> [277] "sourcetools" "SparseM"   "SQUAREM"    "StanHeaders"
#> [281] "stringi"     "stringr"   "styler"     "symSEM"
#> [285] "sys"         "systemfonts" "testthat"   "textshaping"
#> [289] "tibble"      "tidymodels" "tidyr"      "tidyselect"
#> [293] "tidyverse"   "timechange" "timeDate"   "tinytex"
#> [297] "tune"        "tzdb"      "ucminf"     "urlchecker"
#> [301] "usethis"     "utf8"      "uuid"       "V8"
#> [305] "vctrs"       "viridis"   "viridisLite" "vroom"
#> [309] "waldo"       "warp"      "whisker"    "whoami"
#> [313] "withr"       "workflows" "workflowsets" "xfun"
#> [317] "xml2"        "xmlparsedata" "xopen"     "xtable"
#> [321] "yaml"        "yardstick" "zip"        "base"
#> [325] "boot"        "class"     "cluster"    "codetools"

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```
#> [329] "compiler"      "datasets"      "foreign"       "graphics"
#> [333] "grDevices"    "grid"          "KernSmooth"   "lattice"
#> [337] "MASS"         "Matrix"        "methods"      "mgcv"
#> [341] "nlme"         "nnet"          "parallel"     "rpart"
#> [345] "spatial"      "splines"       "stats"        "stats4"
#> [349] "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/>