

Session Info

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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_0.0.5
#>
#> loaded via a namespace (and not attached):
#>  [1] backports_1.4.1  R6_2.5.1         lubridate_1.9.3  xfun_0.40
#>  [5] magrittr_2.0.3   glue_1.6.2       stringr_1.5.0    knitr_1.45
#>  [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_4.3.2   highr_0.10
#> [17] rprojroot_2.0.3  plyr_1.8.9       httr_1.4.7       tools_4.3.2
#> [21] evaluate_0.22    Rcpp_1.0.11      RefManageR_1.4.0 rlang_1.1.1
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#> [25] jsonlite_1.8.7 stringi_1.7.12
```

Packages

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

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

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```
#> [329] "methods"      "mgcv"          "nlme"          "nnet"
#> [333] "parallel"     "rpart"         "spatial"       "splines"
#> [337] "stats"        "stats4"        "survival"      "tcltk"
#> [341] "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/>