

Session Info

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Session

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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-p0.3.20.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
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#> tzcode source: system (glibc)
#>
#> attached base packages:
#> [1] stats      graphics  grDevices  utils      datasets  methods   base
#>
#> other attached packages:
#> [1] rProject_0.0.10
#>
#> loaded via a namespace (and not attached):
#> [1] backports_1.4.1   R6_2.5.1          lubridate_1.9.3   xfun_0.43
#> [5] magrittr_2.0.3    glue_1.7.0        stringr_1.5.1     knitr_1.46
#> [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_0.10
#> [17] rprojroot_2.0.4   plyr_1.8.9        httr_1.4.7        rstudioapi_0.16.0
#> [21] tools_4.4.0       evaluate_0.23     Rcpp_1.0.12       RefManageR_1.4.0
#> [25] rlang_1.1.3       jsonlite_1.8.8    stringi_1.8.3

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Packages

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unname(installed.packages()[, 1])
#> [1] "Amelia"          "betaDelta"       "betaMC"          "betaNB"
#> [5] "betaSandwich"    "cli"             "rProject"        "abind"
#> [9] "arrow"           "ash"             "AsioHeaders"     "askpass"
#> [13] "assertthat"      "backports"       "base64enc"       "betaDelta"
#> [17] "betaMC"          "betaNB"          "betaSandwich"    "BH"
#> [21] "bibtex"          "BiocManager"     "bit"             "bit64"

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#> [25] "bitops"      "blob"      "brew"      "brio"
#> [29] "broom"      "bslib"     "cachem"    "callr"
#> [33] "car"        "caracas"   "carData"   "cellranger"
#> [37] "cfr"        "checkmate" "cli"       "clipr"
#> [41] "clock"      "cOde"      "collections" "colorspace"
#> [45] "commonmark" "conflicted" "corpcor"   "covr"
#> [49] "cpp11"      "crayon"    "credentials" "crosstalk"
#> [53] "cTMed"      "ctsem"     "curl"      "cyclocomp"
#> [57] "data.table" "DBI"       "dbplyr"    "Deriv"
#> [61] "desc"       "deSolve"   "devtools"   "diagram"
#> [65] "dials"      "DiceDesign" "diffobj"    "digest"
#> [69] "distributional" "distro"    "doBy"       "docopt"
#> [73] "doFuture"   "downlit"   "dplyr"      "DT"
#> [77] "dtplyr"     "duckdb"    "dynr"       "dynUtils"
#> [81] "ellipse"    "ellipsis"   "evaluate"   "expm"
#> [85] "fansi"      "farver"    "fastmap"    "fclust"
#> [89] "fda"        "fdrtool"   "fds"        "FNN"
#> [93] "fontawesome" "forcats"   "foreach"    "Formula"
#> [97] "fs"         "fst"       "fstcore"    "furrr"
#> [101] "future"     "future.apply" "gargle"     "generics"
#> [105] "gert"       "ggplot2"   "ggrepel"    "gh"
#> [109] "gitcreds"   "glasso"    "glmnet"     "globals"
#> [113] "glue"       "googledrive" "googlesheets4" "gower"
#> [117] "GPfit"      "gridExtra" "gtable"     "gtools"
#> [121] "hardhat"    "haven"     "hdrcde"     "here"
#> [125] "highr"      "Hmisc"     "hms"        "htmlTable"
#> [129] "htmltools"  "htmlwidgets" "httpgd"     "httpuv"

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#> [133] "httr"           "httr2"           "ids"             "ifaTools"
#> [137] "igraph"         "infer"           "ini"             "inline"
#> [141] "ipred"          "isoband"         "iterators"       "jomo"
#> [145] "jpeg"           "jquerylib"       "jsonlite"        "jsonvalidate"
#> [149] "kernlab"        "knitr"           "ks"              "labeling"
#> [153] "Lahman"         "languageserver"  "later"           "latex2exp"
#> [157] "lava"          "lavaan"          "lazyeval"        "lhs"
#> [161] "lifecycle"     "lintr"           "listenv"         "littler"
#> [165] "lme4"           "locfit"          "longMI"          "loo"
#> [169] "lubridate"     "magick"          "magrittr"        "markdown"
#> [173] "MatrixModels"  "matrixStats"     "mclust"          "memoise"
#> [177] "metaSEM"       "mice"            "microbenchmark"  "mime"
#> [181] "miniUI"        "minqa"           "mitml"           "mize"
#> [185] "mnormt"        "modeldata"       "modelenv"        "modelr"
#> [189] "multicool"     "munsell"         "mvtnorm"         "nloptr"
#> [193] "numDeriv"      "nycflights13"    "OpenMx"          "openssl"
#> [197] "ordinal"       "pan"             "parallelly"      "parsnip"
#> [201] "patchwork"     "pbapply"         "pbivnorm"        "pbkrtest"
#> [205] "pcaPP"         "pdftools"        "pillar"          "pkgbuild"
#> [209] "pkgconfig"     "pkgdown"         "pkgload"         "plogr"
#> [213] "plyr"          "png"             "posterior"       "pracma"
#> [217] "praise"        "prettyunits"     "printr"          "processx"
#> [221] "prodlim"       "profvis"         "progress"        "progressr"
#> [225] "promises"      "ps"              "psych"           "purrr"
#> [229] "qgraph"        "qpdf"            "quadprog"        "quantreg"
#> [233] "quarto"        "QuickJSR"        "R.cache"         "R.methodsS3"
#> [237] "R.oo"          "R.utils"         "R6"              "ragg"

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#> [241] "rainbow"      "rappdirs"      "rbibutils"      "rcmdcheck"
#> [245] "RColorBrewer" "Rcpp"          "RcppArmadillo"  "RcppEigen"
#> [249] "RcppGSL"      "RcppParallel"  "RcppTOML"        "RCurl"
#> [253] "Rdpack"       "readr"         "readxl"         "recipes"
#> [257] "RefManagerR"  "rematch"       "rematch2"       "remotes"
#> [261] "reprex"       "reshape2"      "reticulate"     "rex"
#> [265] "rhub"         "rlang"         "RMariaDB"       "rmarkdown"
#> [269] "roxygen2"     "rpf"           "RPostgres"      "rProject"
#> [273] "rprojroot"    "rsample"       "RSQLite"        "rstan"
#> [277] "rstantools"   "rstudioapi"    "rversions"      "rvest"
#> [281] "Ryacas"       "sass"          "scales"         "selectr"
#> [285] "semlbci"      "semmcci"       "sessioninfo"    "shape"
#> [289] "shiny"        "simStateSpace" "slider"         "snow"
#> [293] "snowfall"     "sourcetools"   "SparseM"        "SQUAREM"
#> [297] "StanHeaders"  "stringi"       "stringr"        "styler"
#> [301] "symSEM"       "sys"           "systemfonts"    "tensorA"
#> [305] "testthat"     "textshaping"   "tibble"         "tidymodels"
#> [309] "tidyr"        "tidyselect"    "tidyverse"      "timechange"
#> [313] "timeDate"     "tinytex"       "tune"           "tzdb"
#> [317] "ucminf"       "unigd"         "urlchecker"     "usethis"
#> [321] "utf8"         "uuid"          "V8"             "vctrs"
#> [325] "viridis"      "viridisLite"   "vroom"          "waldo"
#> [329] "warp"         "whisker"       "whoami"         "withr"
#> [333] "workflows"    "workflowsets"  "xfun"           "xml2"
#> [337] "xmlparsedata" "xopen"         "xtable"         "yaml"
#> [341] "yardstick"    "zip"           "base"           "boot"
#> [345] "class"        "cluster"       "codetools"      "compiler"

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#> [349] "datasets"      "foreign"      "graphics"     "grDevices"
#> [353] "grid"          "KernSmooth"   "lattice"      "MASS"
#> [357] "Matrix"        "methods"      "mgcv"         "nlme"
#> [361] "nnet"          "parallel"     "rpart"        "spatial"
#> [365] "splines"       "stats"        "stats4"       "survival"
#> [369] "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/>