

Session Info

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Session

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sessionInfo()
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#> R version 4.3.3 (2024-02-29)
#> Platform: x86_64-pc-linux-gnu (64-bit)
#> 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_0.0.9
#>
#> 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_4.3.3   highr_0.10
#> [17] rprojroot_2.0.4  plyr_1.8.9      httr_1.4.7       tools_4.3.3
#> [21] evaluate_0.23    Rcpp_1.0.12     RefManageR_1.4.0 rlang_1.1.3
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#> [25] jsonlite_1.8.8 stringi_1.8.3
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Packages

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

```
#> [1] "dynUtils"      "abind"          "arrow"          "ash"
#> [5] "AsioHeaders"   "askpass"        "assertthat"     "backports"
#> [9] "base64enc"     "betaDelta"      "betaMC"         "betaNB"
#> [13] "betaSandwich" "BH"             "bibtex"         "BiocManager"
#> [17] "bit"           "bit64"          "bitops"         "blob"
#> [21] "brew"          "brio"           "broom"          "bslib"
#> [25] "cachem"        "callr"          "car"            "caracas"
#> [29] "carData"       "cellranger"     "cfr"            "checkmate"
#> [33] "cli"           "clipr"          "clock"          "c0de"
#> [37] "collections"   "colorspace"     "commonmark"     "conflicted"
#> [41] "corpcor"       "covr"           "cpp11"          "crayon"
#> [45] "credentials"   "crosstalk"      "cTMed"          "ctsem"
#> [49] "curl"          "cyclocomp"      "data.table"     "DBI"
#> [53] "dbplyr"        "Deriv"          "desc"           "deSolve"
#> [57] "devtools"      "diagram"        "dials"          "DiceDesign"
#> [61] "diffobj"       "digest"         "distributional" "distro"
#> [65] "doBy"          "docopt"         "downlit"        "dplyr"
#> [69] "DT"            "dtplyr"         "duckdb"         "dynr"
#> [73] "dynUtils"      "ellipse"        "ellipsis"       "evaluate"
#> [77] "expm"          "fans"          "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"        "gttools"        "hardhat"        "haven"
#> [117] "hdcrcde"       "here"           "highr"          "Hmisc"
#> [121] "hms"           "htmlTable"      "htmltools"      "htmlwidgets"
#> [125] "httpgd"        "httpuv"         "httr"           "httr2"
#> [129] "ids"           "ifftools"       "igraph"         "infer"
#> [133] "ini"           "inline"         "ipred"          "isoband"
#> [137] "iterators"     "jomo"           "jpeg"           "jquerylib"
#> [141] "jsonlite"      "jsonvalidate"   "kernlab"        "knitr"
#> [145] "ks"            "labeling"       "Lahman"         "languageserver"
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#> [149] "later"           "latex2exp"      "lava"           "lavaan"
#> [153] "lazyeval"        "lhs"            "lifecycle"      "lintr"
#> [157] "listenv"         "littler"        "lme4"           "locfit"
#> [161] "longMI"          "loo"            "lubridate"      "magick"
#> [165] "magrittr"        "markdown"       "MatrixModels"   "matrixStats"
#> [169] "mclust"          "memoise"        "metaSEM"        "mice"
#> [173] "microbenchmark" "mime"           "miniUI"         "minqa"
#> [177] "mitml"           "mize"           "mnormt"         "modeldata"
#> [181] "modelenv"        "modelr"         "multicool"      "munsell"
#> [185] "mvtnorm"         "nloptr"         "numDeriv"       "nycflights13"
#> [189] "OpenMx"          "openssl"        "ordinal"        "pan"
#> [193] "parallelly"      "parsedate"      "parsnip"        "patchwork"
#> [197] "pbapply"         "pbivnorm"       "pbkrtest"       "pcaPP"
#> [201] "pdftools"        "pillar"         "pkgbuild"       "pkgconfig"
#> [205] "pkgdown"         "pkgload"        "plogr"          "plyr"
#> [209] "png"             "posterior"      "pracma"         "praise"
#> [213] "prettyunits"     "printr"         "processx"       "prodlim"
#> [217] "profvis"         "progress"       "progressr"      "promises"
#> [221] "ps"              "psych"          "purrr"          "qgraph"
#> [225] "qpdf"            "quadprog"       "quantreg"       "quarto"
#> [229] "QuickJSR"        "R.cache"        "R.methodsS3"    "R.oo"
#> [233] "R.utils"         "R6"             "ragg"           "rainbow"
#> [237] "rappdirs"        "rbibutils"      "rcmdcheck"      "RColorBrewer"
#> [241] "Rcpp"            "RcppArmadillo"  "RcppEigen"      "RcppGSL"
#> [245] "RcppParallel"    "RcppTOML"       "RCurl"          "Rdpack"
#> [249] "readr"           "readxl"         "recipes"        "RefManageR"
#> [253] "rematch"         "rematch2"       "remotes"        "reprex"
#> [257] "reshape2"        "reticulate"     "rex"            "rhub"
#> [261] "rlang"           "RMariaDB"       "rmarkdown"      "roxygen2"
#> [265] "rpf"            "RPostgres"      "rProject"       "rprojroot"
#> [269] "rsample"         "RSQLite"        "rstan"          "rstantools"
#> [273] "rstudioapi"      "rversions"      "rvest"          "Ryacas"
#> [277] "sass"           "scales"         "selectr"        "semlbci"
#> [281] "semmcci"         "sessioninfo"    "shape"          "shiny"
#> [285] "simStateSpace"   "slider"         "snow"           "snowfall"
#> [289] "sourcetools"     "SparseM"        "SQUAREM"        "StanHeaders"
#> [293] "stringi"         "stringr"        "styler"         "symSEM"
#> [297] "sys"            "systemfonts"    "tensorA"        "testthat"
#> [301] "textshaping"     "tibble"         "tidymodels"     "tidyr"
#> [305] "tidyselect"      "tidyverse"      "timechange"     "timeDate"
#> [309] "tinytex"         "tune"           "tzdb"           "ucminf"
#> [313] "unigd"           "urlchecker"     "usethis"        "utf8"
#> [317] "uuid"            "V8"             "vctrs"          "viridis"
#> [321] "viridisLite"     "vroom"          "waldo"          "warp"
#> [325] "whisker"         "whoami"         "withr"          "workflows"

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#> [329] "workflowsets" "xfun" "xml2" "xmlparsedata"
#> [333] "xopen" "xtable" "yaml" "yardstick"
#> [337] "zip" "base" "boot" "class"
#> [341] "cluster" "codetools" "compiler" "datasets"
#> [345] "foreign" "graphics" "grDevices" "grid"
#> [349] "KernSmooth" "lattice" "MASS" "Matrix"
#> [353] "methods" "mgcv" "nlme" "nnet"
#> [357] "parallel" "rpart" "spatial" "splines"
#> [361] "stats" "stats4" "survival" "tcltk"
#> [365] "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/>