

Session Info

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Session

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sessionInfo()
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#> R version 4.5.1 (2025-06-13)
#> Platform: x86_64-pc-linux-gnu
#> Running under: Ubuntu 24.04.2 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-r0.3.26.so; LAPACK version 3.12.0
#>
#> 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_0.0.21
#>
#> loaded via a namespace (and not attached):
#>  [1] backports_1.5.0  R6_2.6.1        lubridate_1.9.4  xfun_0.53
#>  [5] magrittr_2.0.4   glue_1.8.0      stringr_1.5.2    knitr_1.50
#>  [9] timechange_0.3.0 generics_0.1.4   lifecycle_1.0.4  xml2_1.4.0
#> [13] cli_3.6.5.9000  bibtex_0.5.1    compiler_4.5.1   highr_0.11
#> [17] rprojroot_2.1.1  plyr_1.8.9      httr_1.4.7       tools_4.5.1
#> [21] evaluate_1.0.5   Rcpp_1.1.0      RefManageR_1.4.0 rlang_1.1.6
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#> [25] jsonlite_2.0.0   stringi_1.8.7
```

Packages

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

```
#> [1] "credentials"      "distro"           "magrittr"
#> [4] "pillar"          "rProject"        "simStateSpace"
#> [7] "stringr"         "abind"           "Amelia"
#> [10] "arm"             "arrow"           "ash"
#> [13] "askpass"         "assertthat"      "backports"
#> [16] "base64enc"       "betaDelta"       "betaMC"
#> [19] "betaNB"         "betaSandwich"    "BH"
#> [22] "bibtex"         "BiocManager"     "bit"
#> [25] "bit64"          "bitops"          "blob"
#> [28] "bootStateSpace" "brew"            "brio"
#> [31] "broom"          "bslib"           "cachem"
#> [34] "callr"          "car"             "caracas"
#> [37] "carData"        "cellranger"      "cfr"
#> [40] "checkmate"      "cli"             "clipr"
#> [43] "clock"          "clusterGeneration" "coda"
#> [46] "c0de"           "collections"     "colorspace"
#> [49] "commonmark"     "conflicted"      "corpcor"
#> [52] "covr"           "cowplot"         "cpp11"
#> [55] "crayon"         "credentials"     "crosstalk"
#> [58] "cTMed"          "ctsem"           "curl"
#> [61] "data.table"     "DBI"             "dbplyr"
#> [64] "Deriv"          "desc"            "deSolve"
#> [67] "devtools"       "diagram"         "dials"
#> [70] "DiceDesign"     "diffobj"         "digest"
#> [73] "distributional" "distro"          "doBy"
#> [76] "docopt"         "downlit"         "dplyr"
#> [79] "DT"            "dtplyr"          "duckdb"
#> [82] "dynr"           "dynUtils"        "ellipse"
#> [85] "ellipsis"       "evaluate"        "expm"
#> [88] "fansi"          "farver"          "fastDummies"
#> [91] "fastmap"        "fclust"          "fda"
#> [94] "fdrtool"        "fds"             "fitDTVARmX"
#> [97] "FNN"            "fontawesome"     "forcats"
#> [100] "foreach"        "Formula"         "fs"
#> [103] "fst"            "fstcore"         "furrr"
#> [106] "future"         "future.apply"    "gargle"
#> [109] "generics"       "gert"            "ggplot2"
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#> [112] "ggrepel"           "gh"                 "gitcreds"
#> [115] "glasso"            "glmnet"             "globals"
#> [118] "glue"              "googledrive"        "googlesheets4"
#> [121] "gower"             "GPArotation"        "GPfit"
#> [124] "graphicalVAR"      "gridExtra"          "gsubfn"
#> [127] "gtable"            "gtools"             "hardhat"
#> [130] "haven"             "hdrcde"             "here"
#> [133] "highr"             "Hmisc"              "hms"
#> [136] "htmlTable"         "htmltools"          "htmlwidgets"
#> [139] "httpuv"            "httr"               "httr2"
#> [142] "ids"               "ifaTools"           "igraph"
#> [145] "infer"             "ini"                "inline"
#> [148] "ipred"             "isoband"            "iterators"
#> [151] "jomo"              "jpeg"               "jquerylib"
#> [154] "jsonlite"          "jsonvalidate"        "kernlab"
#> [157] "knitr"             "ks"                 "labeling"
#> [160] "Lahman"            "languageserver"     "later"
#> [163] "latex2exp"         "lava"               "lavaan"
#> [166] "lazyeval"          "lhs"                "lifecycle"
#> [169] "lintr"             "listenv"            "litedown"
#> [172] "littler"           "lme4"               "locfit"
#> [175] "longMI"            "loo"                "lubridate"
#> [178] "magick"            "magrittr"           "markdown"
#> [181] "MatrixModels"      "matrixStats"        "mclust"
#> [184] "memoise"           "metaSEM"            "metaVAR"
#> [187] "mice"              "microbenchmark"     "mime"
#> [190] "miniUI"            "minqa"              "mitml"
#> [193] "mize"              "mlVAR"              "mnormt"
#> [196] "modeldata"         "modelenv"           "modelr"
#> [199] "MplusAutomation"  "multicool"          "mvtnorm"
#> [202] "nloptr"            "numDeriv"           "nycflights13"
#> [205] "OpenMx"            "openssl"            "ordinal"
#> [208] "pan"               "pander"             "parallelly"
#> [211] "parsnip"           "patchwork"          "pbapply"
#> [214] "pbivnorm"          "pbkrtest"           "pcaPP"
#> [217] "pdftools"          "pillar"             "pkgbuild"
#> [220] "pkgconfig"         "pkgdown"            "pkgload"
#> [223] "plogr"             "plyr"               "png"
#> [226] "posterior"         "pracma"             "praise"
#> [229] "prettyunits"       "printr"             "processx"
#> [232] "prodlim"           "profvis"            "progress"
#> [235] "progressr"         "promises"           "proto"
#> [238] "ps"                "psych"              "purrr"
#> [241] "qgraph"            "qpdf"               "quadprog"
#> [244] "quantreg"          "quarto"             "QuickJSR"

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#> [247] "R.cache"           "R.methodsS3"      "R.oo"
#> [250] "R.utils"           "R2jags"           "R2WinBUGS"
#> [253] "R6"                "ragg"             "rainbow"
#> [256] "rappdirs"          "rbibutils"        "rcmdcheck"
#> [259] "RColorBrewer"      "Rcpp"             "RcppArmadillo"
#> [262] "RcppEigen"         "RcppGSL"          "RcppParallel"
#> [265] "RcppTOML"          "RCurl"            "Rdpack"
#> [268] "readr"             "readxl"           "recipes"
#> [271] "RefManager"        "reformulas"       "rematch"
#> [274] "rematch2"          "remotes"          "reprex"
#> [277] "reshape2"          "reticulate"       "rex"
#> [280] "rhub"              "rjags"            "rlang"
#> [283] "RMariaDB"          "rmarkdown"        "roxygen2"
#> [286] "rpf"               "RPostgres"        "rProject"
#> [289] "rprojroot"         "rsample"          "RSQLite"
#> [292] "rstan"             "rstantools"       "rstudioapi"
#> [295] "rversions"         "rvest"            "Ryacas"
#> [298] "sass"             "scales"           "selectr"
#> [301] "semlbci"           "semmccci"         "sessioninfo"
#> [304] "sfd"               "shape"            "shiny"
#> [307] "simStateSpace"     "slider"           "snow"
#> [310] "snowfall"          "sourcetools"      "SparseM"
#> [313] "sparsevctr"        "SQUAREM"          "StanHeaders"
#> [316] "stringi"           "stringr"          "styler"
#> [319] "symSEM"            "sys"              "systemfonts"
#> [322] "tailor"            "tensorA"          "testthat"
#> [325] "texreg"            "textshaping"      "tibble"
#> [328] "tidymodels"        "tidyr"            "tidyselect"
#> [331] "tidyverse"         "timechange"        "timeDate"
#> [334] "tinytex"           "tune"             "tzdb"
#> [337] "ucminf"            "urlchecker"       "usethis"
#> [340] "utf8"              "uuid"             "V8"
#> [343] "vctr"             "viridis"          "viridisLite"
#> [346] "vroom"             "waldo"            "warp"
#> [349] "whisker"           "whoami"           "withr"
#> [352] "workflows"         "workflowsets"     "xfun"
#> [355] "xml2"              "xmlparsedata"     "xopen"
#> [358] "xtable"            "yaml"             "yardstick"
#> [361] "zip"              "base"             "boot"
#> [364] "class"            "cluster"          "codetools"
#> [367] "compiler"          "datasets"         "foreign"
#> [370] "graphics"          "grDevices"        "grid"
#> [373] "KernSmooth"        "lattice"          "MASS"
#> [376] "Matrix"           "methods"          "mgcv"
#> [379] "nlme"             "nnet"             "parallel"

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```
#> [382] "rpart"          "spatial"        "splines"
#> [385] "stats"          "stats4"         "survival"
#> [388] "tcltk"          "tools"          "utils"
```

References

R Core Team. (2024). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. Vienna, Austria. <https://www.R-project.org/>