

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_0.52
#>  [5] magrittr_2.0.3   glue_1.8.0       stringr_1.5.1    knitr_1.50
#>  [9] timechange_0.3.0 generics_0.1.4    lifecycle_1.0.4  xml2_1.3.8
#> [13] cli_3.6.5.9000   bibtex_0.5.1     compiler_4.5.1   highr_0.11
#> [17] rprojroot_2.1.0  plyr_1.8.9       httr_1.4.7       tools_4.5.1
#> [21] evaluate_1.0.4   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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unnname(installed.packages()[, 1])
```

```
#> [1] "cli" "rProject" "simStateSpace"
#> [4] "testthat" "abind" "Amelia"
#> [7] "arm" "arrow" "ash"
#> [10] "askpass" "assertthat" "backports"
#> [13] "base64enc" "betaDelta" "betaMC"
#> [16] "betaNB" "betaSandwich" "BH"
#> [19] "bibtex" "BiocManager" "bit"
#> [22] "bit64" "bitops" "blob"
#> [25] "bootStateSpace" "brew" "brio"
#> [28] "broom" "bslib" "cachem"
#> [31] "callr" "car" "caracas"
#> [34] "carData" "cellranger" "cfr"
#> [37] "checkmate" "cli" "clipr"
#> [40] "clock" "clusterGeneration" "coda"
#> [43] "c0de" "collections" "colorspace"
#> [46] "commonmark" "conflicted" "corpcor"
#> [49] "covr" "cowplot" "cpp11"
#> [52] "crayon" "credentials" "crosstalk"
#> [55] "cTMed" "ctsem" "curl"
#> [58] "data.table" "DBI" "dbplyr"
#> [61] "Deriv" "desc" "deSolve"
#> [64] "devtools" "diagram" "dials"
#> [67] "DiceDesign" "diffobj" "digest"
#> [70] "distributional" "distribro" "doBy"
#> [73] "docopt" "doFuture" "downlit"
#> [76] "dplyr" "DT" "dtplyr"
#> [79] "duckdb" "dynr" "dynUtils"
#> [82] "ellipse" "ellipsoids" "evaluate"
#> [85] "expm" "fans" "farver"
#> [88] "fastDummies" "fastmap" "fclust"
#> [91] "fda" "fdrtool" "fds"
#> [94] "fitDTVARmX" "FNN" "fontawesome"
#> [97] "forcats" "foreach" "Formula"
#> [100] "fs" "fst" "fstcore"
#> [103] "furrr" "future" "future.apply"
#> [106] "gargle" "generics" "gert"
#> [109] "ggplot2" "ggrepel" "gh"
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#> [112] "gitcreds"           "glasso"             "glmnet"
#> [115] "globals"           "glue"               "googledrive"
#> [118] "googlesheets4"     "gower"              "GPArotation"
#> [121] "GPfit"             "graphicalVAR"       "gridExtra"
#> [124] "gsubfn"            "gtable"             "gtools"
#> [127] "hardhat"           "haven"              "hdrcde"
#> [130] "here"              "highr"              "Hmisc"
#> [133] "hms"               "htmlTable"          "htmltools"
#> [136] "htmlwidgets"       "httpuv"             "httr"
#> [139] "httr2"             "ids"                "ifaTools"
#> [142] "igraph"            "infer"              "ini"
#> [145] "inline"            "ipred"              "isoband"
#> [148] "iterators"         "jomo"               "jpeg"
#> [151] "jquerylib"         "jsonlite"           "jsonvalidate"
#> [154] "kernlab"           "knitr"              "ks"
#> [157] "labeling"          "Lahman"             "languageserver"
#> [160] "later"             "latex2exp"          "lava"
#> [163] "lavaan"            "lazyeval"           "lhs"
#> [166] "lifecycle"         "lintr"              "listenv"
#> [169] "litedown"          "littler"            "lme4"
#> [172] "locfit"            "longMI"             "loo"
#> [175] "lubridate"         "magick"             "magrittr"
#> [178] "markdown"          "MatrixModels"       "matrixStats"
#> [181] "mclust"            "memoise"            "metaSEM"
#> [184] "metaVAR"           "mice"               "microbenchmark"
#> [187] "mime"              "miniUI"             "minqa"
#> [190] "mitml"             "mize"               "mlVAR"
#> [193] "mnormt"            "modeldata"          "modelenv"
#> [196] "modelr"            "MplusAutomation"    "multicool"
#> [199] "mvtnorm"           "nloptr"             "numDeriv"
#> [202] "nycflights13"      "OpenMx"             "openssl"
#> [205] "ordinal"           "pan"                "pander"
#> [208] "parallelly"        "parsnip"            "patchwork"
#> [211] "pbapply"           "pbivnorm"           "pbkrtest"
#> [214] "pcaPP"             "pdftools"           "pillar"
#> [217] "pkgbuild"          "pkgconfig"          "pkgdown"
#> [220] "pkgload"           "plogr"              "plyr"
#> [223] "png"              "posterior"          "pracma"
#> [226] "praise"            "prettyunits"        "printr"
#> [229] "processx"          "prodlim"            "profvis"
#> [232] "progress"          "progressr"          "promises"
#> [235] "proto"             "ps"                 "psych"
#> [238] "purrr"             "qgraph"             "qpdf"
#> [241] "quadprog"          "quantreg"           "quarto"
#> [244] "QuickJSR"          "R.cache"            "R.methodsS3"

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

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#> [382] "stats"          "stats4"         "survival"  
#> [385] "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/>