

Session Info

Ivan Jacob Agaloos Pesigan

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 24.04.3 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-r0.3.26.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_1.4.1
#> [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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unnname(installed.packages()[, 1])
```

```
#> [1] "fitDTVARMxID"      "abind"             "Amelia"
#> [4] "arm"               "arrow"             "ash"
#> [7] "askpass"           "assertthat"        "backports"
#> [10] "base64enc"         "betaDelta"         "betaMC"
#> [13] "betaNB"            "betaSandwich"      "BH"
#> [16] "bibtex"            "BiocManager"       "bit"
#> [19] "bit64"             "bitops"            "blob"
#> [22] "bootStateSpace"   "brew"              "brio"
#> [25] "broom"            "bslib"             "cachem"
#> [28] "callr"            "car"               "caracas"
#> [31] "carData"          "cellranger"        "cfr"
#> [34] "checkmate"        "cli"               "clipr"
#> [37] "clock"            "clusterGeneration" "coda"
#> [40] "c0de"             "collections"       "colorspace"
#> [43] "commonmark"       "conflicted"        "corpcor"
#> [46] "covr"             "cowplot"           "cpp11"
#> [49] "crayon"           "credentials"       "crosstalk"
#> [52] "cTMed"            "ctsem"             "curl"
#> [55] "data.table"       "DBI"               "dbplyr"
#> [58] "Deriv"            "desc"              "deSolve"
#> [61] "devtools"         "diagram"           "dials"
#> [64] "DiceDesign"       "diffobj"           "digest"
#> [67] "distributional"   "distrib"           "doBy"
#> [70] "docopt"           "downlit"           "dplyr"
#> [73] "DT"              "dtplyr"            "duckdb"
#> [76] "dynr"            "dynUtils"          "ellipse"
#> [79] "ellipses"        "evaluate"          "expm"
#> [82] "fansi"           "farver"            "fastDummies"
#> [85] "fastmap"         "fclust"            "fda"
#> [88] "fdrtool"         "fds"              "fitDTVARMxID"
#> [91] "FNN"            "fontawesome"       "forcats"
#> [94] "foreach"         "Formula"           "fs"
#> [97] "fst"            "fstcore"           "furrr"
#> [100] "future"          "future.apply"      "gargle"
#> [103] "generics"        "gert"              "ggplot2"
#> [106] "ggrepel"         "gh"                "gitcreds"
#> [109] "glasso"          "glmnet"            "globals"
```

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#> [112] "glue" "googledrive" "googlesheets4"
#> [115] "gower" "GPArotation" "GPfit"
#> [118] "graphicalVAR" "gridExtra" "gsubfn"
#> [121] "gtable" "gtools" "hardhat"
#> [124] "haven" "hdcrcde" "here"
#> [127] "highr" "Hmisc" "hms"
#> [130] "htmlTable" "htmltools" "htmlwidgets"
#> [133] "httpuv" "httr" "httr2"
#> [136] "ids" "ifaTools" "igraph"
#> [139] "infer" "ini" "inline"
#> [142] "ipred" "isoband" "iterators"
#> [145] "jomo" "jpeg" "jquerylib"
#> [148] "jsonlite" "jsonvalidate" "kernlab"
#> [151] "knitr" "ks" "labeling"
#> [154] "Lahman" "languageserver" "later"
#> [157] "latex2exp" "lava" "lavaan"
#> [160] "lazyeval" "lhs" "lifecycle"
#> [163] "lintr" "listenv" "litedown"
#> [166] "littler" "lme4" "locfit"
#> [169] "longMI" "loo" "lubridate"
#> [172] "magick" "magrittr" "markdown"
#> [175] "MatrixModels" "matrixStats" "mclust"
#> [178] "memoise" "metaSEM" "metaVAR"
#> [181] "mice" "microbenchmark" "mime"
#> [184] "miniUI" "minqa" "mitml"
#> [187] "mize" "mlVAR" "mnormt"
#> [190] "modeldata" "modelenv" "modelr"
#> [193] "MplusAutomation" "multicool" "mvtnorm"
#> [196] "nloptr" "numDeriv" "nycflights13"
#> [199] "OpenMx" "openssl" "ordinal"
#> [202] "otel" "pan" "pander"
#> [205] "parallelly" "parsnip" "patchwork"
#> [208] "pbapply" "pbivnorm" "pbkrtest"
#> [211] "pcaPP" "pdftools" "pillar"
#> [214] "pkgbuild" "pkgconfig" "pkgdown"
#> [217] "pkgload" "plogr" "plyr"
#> [220] "png" "posterior" "pracma"
#> [223] "praise" "prettyunits" "printr"
#> [226] "processx" "prodlim" "profvis"
#> [229] "progress" "progressr" "promises"
#> [232] "proto" "ps" "psych"
#> [235] "purrr" "qgraph" "qpdf"
#> [238] "quadprog" "quantreg" "quarto"
#> [241] "QuickJSR" "R.cache" "R.methodsS3"
#> [244] "R.oo" "R.utils" "R2jags"

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#> [247]	"R2WinBUGS"	"R6"	"ragg"
#> [250]	"rainbow"	"rappdirs"	"rbibutils"
#> [253]	"rcmdcheck"	"RColorBrewer"	"Rcpp"
#> [256]	"RcppArmadillo"	"RcppEigen"	"RcppGSL"
#> [259]	"RcppParallel"	"RcppTOML"	"RCurl"
#> [262]	"Rdpack"	"readr"	"readxl"
#> [265]	"recipes"	"RefManageR"	"reformulas"
#> [268]	"rematch"	"rematch2"	"remotes"
#> [271]	"reprex"	"reshape2"	"reticulate"
#> [274]	"rex"	"rhub"	"rjags"
#> [277]	"rlang"	"RMariaDB"	"rmarkdown"
#> [280]	"roxygen2"	"rpf"	"RPostgres"
#> [283]	"rProject"	"rprojroot"	"rsample"
#> [286]	"RSQLite"	"rstan"	"rstantools"
#> [289]	"rstudioapi"	"rversions"	"rvest"
#> [292]	"Ryacas"	"S7"	"sass"
#> [295]	"scales"	"selectr"	"semlbci"
#> [298]	"semmcci"	"sessioninfo"	"sfd"
#> [301]	"shape"	"shiny"	"simStateSpace"
#> [304]	"slider"	"snow"	"snowfall"
#> [307]	"sourcetools"	"SparseM"	"sparsevctrs"
#> [310]	"SQUAREM"	"StanHeaders"	"stringi"
#> [313]	"stringr"	"styler"	"symSEM"
#> [316]	"sys"	"systemfonts"	"tailor"
#> [319]	"tensorA"	"testthat"	"texreg"
#> [322]	"textshaping"	"tibble"	"tidymodels"
#> [325]	"tidyr"	"tidyselect"	"tidyverse"
#> [328]	"timechange"	"timeDate"	"tinytex"
#> [331]	"tune"	"tzdb"	"ucminf"
#> [334]	"urlchecker"	"usethis"	"utf8"
#> [337]	"uuid"	"V8"	"vctrs"
#> [340]	"viridisLite"	"vroom"	"waldo"
#> [343]	"warp"	"whisker"	"whoami"
#> [346]	"withr"	"workflows"	"workflowsets"
#> [349]	"xfun"	"xml2"	"xmlparsedata"
#> [352]	"xopen"	"xtable"	"yaml"
#> [355]	"yardstick"	"zip"	"base"
#> [358]	"boot"	"class"	"cluster"
#> [361]	"codetools"	"compiler"	"datasets"
#> [364]	"foreign"	"graphics"	"grDevices"
#> [367]	"grid"	"KernSmooth"	"lattice"
#> [370]	"MASS"	"Matrix"	"methods"
#> [373]	"mgcv"	"nlme"	"nnet"
#> [376]	"parallel"	"rpart"	"spatial"
#> [379]	"splines"	"stats"	"stats4"

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#> [382] "survival"          "tcltk"             "tools"
#> [385] "utils"
```

References

R Core Team. (2025). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. Vienna, Austria. <https://www.R-project.org/>