

Session Info

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Session

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sessionInfo()
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#> R version 4.4.1 (2024-06-14)
#> Platform: x86_64-pc-linux-gnu
#> Running under: Ubuntu 22.04.5 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_0.0.14
#>
#> loaded via a namespace (and not attached):
#>  [1] backports_1.5.0  R6_2.5.1         lubridate_1.9.4  xfun_0.49
#>  [5] magrittr_2.0.3   glue_1.8.0       stringr_1.5.1    knitr_1.49
#>  [9] timechange_0.3.0 generics_0.1.3    lifecycle_1.0.4  xml2_1.3.6
#> [13] cli_3.6.3.9001  bibtex_0.5.1     compiler_4.4.1   highr_0.11
#> [17] rprojroot_2.0.4  plyr_1.8.9       httr_1.4.7       tools_4.4.1
#> [21] evaluate_1.0.1   Rcpp_1.0.13-1    RefManageR_1.4.0 rlang_1.1.4
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#> [25] jsonlite_1.8.9   stringi_1.8.4
```

Packages

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

```
#> [1] "openssl"           "pillar"           "rProject"
#> [4] "simStateSpace"     "abind"            "arm"
#> [7] "arrow"             "ash"              "AsioHeaders"
#> [10] "askpass"           "assertthat"       "backports"
#> [13] "base64enc"         "betaDelta"        "betaMC"
#> [16] "betaNB"            "betaSandwich"     "BH"
#> [19] "bibtex"            "BiocManager"      "bit"
#> [22] "bit64"             "bitops"           "blob"
#> [25] "brew"              "brio"             "broom"
#> [28] "bslib"             "cachem"           "callr"
#> [31] "car"               "caracas"          "carData"
#> [34] "cellranger"        "cfrfr"            "checkmate"
#> [37] "cli"               "clipr"            "clock"
#> [40] "clusterGeneration" "coda"             "c0de"
#> [43] "collections"       "colorspace"       "commonmark"
#> [46] "conflicted"        "corpcor"          "covr"
#> [49] "cowplot"           "cpp11"            "crayon"
#> [52] "credentials"       "crosstalk"        "cTMed"
#> [55] "ctsem"             "curl"             "cyclocomp"
#> [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] "fitCTVARMx"        "fitDTVARMx"       "FNN"
#> [97] "fontawesome"       "forcats"          "foreach"
#> [100] "Formula"           "fs"               "fst"
#> [103] "fstcore"           "furry"            "future"
#> [106] "future.apply"      "gargle"           "generics"
#> [109] "gert"              "ggplot2"          "ggrepel"
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#> [112] "gh" "gitcreds" "glasso"
#> [115] "glmnet" "globals" "glue"
#> [118] "googledrive" "googlesheets4" "gower"
#> [121] "GPArotation" "GPfit" "graphicalVAR"
#> [124] "gridExtra" "gsubfn" "gtable"
#> [127] "gtools" "hardhat" "haven"
#> [130] "hdrcde" "here" "highr"
#> [133] "Hmisc" "hms" "htmlTable"
#> [136] "htmltools" "htmlwidgets" "httpgd"
#> [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" "littler"
#> [172] "lme4" "locfit" "longMI"
#> [175] "loo" "lubridate" "magick"
#> [178] "magrittr" "markdown" "MatrixModels"
#> [181] "matrixStats" "mclust" "memoise"
#> [184] "metaSEM" "metaVAR" "mice"
#> [187] "microbenchmark" "mime" "miniUI"
#> [190] "minqa" "mitml" "mize"
#> [193] "mlVAR" "mnormt" "modeldata"
#> [196] "modelenv" "modelr" "MplusAutomation"
#> [199] "multicool" "munsell" "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"           "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"       "rematch"
#> [271] "rematch2"          "remotes"          "reprex"
#> [274] "reshape2"          "reticulate"       "rex"
#> [277] "rhub"              "rjags"            "rlang"
#> [280] "RMariaDB"          "rmarkdown"        "roxygen2"
#> [283] "rpf"               "RPostgres"        "rProject"
#> [286] "rprojroot"         "rsample"          "RSQLite"
#> [289] "rstan"             "rstantools"       "rstudioapi"
#> [292] "rversions"         "rvest"            "Ryacas"
#> [295] "sass"              "scales"           "selectr"
#> [298] "semlbci"           "semmccci"         "sessioninfo"
#> [301] "sfd"               "shape"            "shiny"
#> [304] "simStateSpace"     "slider"           "snow"
#> [307] "snowfall"          "sourcetools"      "SparseM"
#> [310] "SQUAREM"           "StanHeaders"      "statmod"
#> [313] "stringi"           "stringr"          "styler"
#> [316] "symSEM"            "sys"              "systemfonts"
#> [319] "tensorA"           "testthat"         "texreg"
#> [322] "textshaping"       "tibble"           "tidymodels"
#> [325] "tidyr"             "tidyselect"       "tidyverse"
#> [328] "timechange"        "timeDate"         "tinytex"
#> [331] "tune"              "tzdb"             "ucminf"
#> [334] "unigd"             "urlchecker"       "usethis"
#> [337] "utf8"              "uuid"             "V8"
#> [340] "vctr"             "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"
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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/>