

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 22.04.4 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-p0.3.20.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_1.9.3  xfun_0.46
#>  [5] magrittr_2.0.3   glue_1.7.0       stringr_1.5.1    knitr_1.48
#>  [9] timechange_0.3.0 generics_0.1.3    lifecycle_1.0.4  xml2_1.3.6
#> [13] cli_3.6.3.9000  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_0.24.0  Rcpp_1.0.13      RefManageR_1.4.0 rlang_1.1.4
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#> [25] jsonlite_1.8.8 stringi_1.8.4
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Packages

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

```
#> [1] "cfr" "devtools" "fitCTVARMx" "gert"
#> [5] "httr2" "quarto" "Rcpp" "rProject"
#> [9] "tinytex" "xfun" "yaml" "abind"
#> [13] "arrow" "ash" "AsioHeaders" "askpass"
#> [17] "assertthat" "backports" "base64enc" "betaDelta"
#> [21] "betaMC" "betaNB" "betaSandwich" "BH"
#> [25] "bibtex" "BiocManager" "bit" "bit64"
#> [29] "bitops" "blob" "brew" "brio"
#> [33] "broom" "bslib" "cachem" "callr"
#> [37] "car" "caracas" "carData" "cellranger"
#> [41] "cfr" "checkmate" "cli" "clipr"
#> [45] "clock" "coda" "c0de" "collections"
#> [49] "colorspace" "commonmark" "conflicted" "corpcor"
#> [53] "covr" "cowplot" "cpp11" "crayon"
#> [57] "credentials" "crosstalk" "cTMed" "ctsem"
#> [61] "curl" "cyclocomp" "data.table" "DBI"
#> [65] "dbplyr" "Deriv" "desc" "deSolve"
#> [69] "devtools" "diagram" "dials" "DiceDesign"
#> [73] "diffobj" "digest" "distributional" "distrib"
#> [77] "doBy" "docopt" "doFuture" "downlit"
#> [81] "dplyr" "DT" "dtplyr" "duckdb"
#> [85] "dynr" "dynUtils" "ellipse" "ellipsoids"
#> [89] "evaluate" "expm" "fans" "farver"
#> [93] "fastDummies" "fastmap" "fclust" "fda"
#> [97] "fdrtool" "fds" "fitCTVARMx" "fitDTVARMx"
#> [101] "FNN" "fontawesome" "forcats" "foreach"
#> [105] "Formula" "fs" "fst" "fstcore"
#> [109] "furry" "future" "future.apply" "gargle"
#> [113] "generics" "gert" "ggplot2" "ggrepel"
#> [117] "gh" "gitcreds" "glasso" "glmnet"
#> [121] "globals" "glue" "googledrive" "googlesheets4"
#> [125] "gower" "GPArotation" "GPfit" "gridExtra"
#> [129] "gsubfn" "gtable" "gtools" "hardhat"
#> [133] "haven" "hdcrcde" "here" "highr"
#> [137] "Hmisc" "hms" "htmlTable" "htmltools"
#> [141] "htmlwidgets" "httpgd" "httpuv" "httr"
#> [145] "httr2" "ids" "ifftools" "igraph"
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#> [149] "infer"          "ini"            "inline"         "ipred"
#> [153] "isoband"        "iterators"      "jomo"           "jpeg"
#> [157] "jquerylib"      "jsonlite"       "jsonvalidate"   "kernlab"
#> [161] "knitr"          "ks"             "labeling"       "Lahman"
#> [165] "languageserver" "later"          "latex2exp"      "lava"
#> [169] "lavaan"         "lazyeval"       "lhs"            "lifecycle"
#> [173] "lintr"          "listenv"        "littler"        "lme4"
#> [177] "locfit"         "longMI"         "loo"            "lubridate"
#> [181] "magick"         "magrittr"       "markdown"       "MatrixModels"
#> [185] "matrixStats"    "mclust"         "memoise"        "metaSEM"
#> [189] "metaVAR"        "mice"           "microbenchmark" "mime"
#> [193] "miniUI"         "minqa"          "mitml"          "mize"
#> [197] "mnormt"         "modeldata"      "modelenv"       "modelr"
#> [201] "MplusAutomation" "multicool"     "munsell"        "mvtnorm"
#> [205] "nloptr"         "numDeriv"       "nycflights13"   "OpenMx"
#> [209] "openssl"        "ordinal"        "pan"            "pander"
#> [213] "parallelly"     "parsnip"        "patchwork"      "pbapply"
#> [217] "pbivnorm"       "pbkrtest"       "pcaPP"           "pdftools"
#> [221] "pillar"         "pkgbuild"       "pkgconfig"      "pkgdown"
#> [225] "pkgload"        "plogr"          "plyr"           "png"
#> [229] "posterior"      "pracma"         "praise"         "prettyunits"
#> [233] "printr"         "processx"       "prodlim"        "profvis"
#> [237] "progress"       "progressr"      "promises"       "proto"
#> [241] "ps"            "psych"          "purrr"          "qgraph"
#> [245] "qpdf"           "quadprog"       "quantreg"       "quarto"
#> [249] "QuickJSR"       "R.cache"        "R.methodsS3"    "R.oo"
#> [253] "R.utils"        "R6"             "ragg"           "rainbow"
#> [257] "rappdirs"       "rbibutils"      "rcmdcheck"      "RColorBrewer"
#> [261] "Rcpp"           "RcppArmadillo"  "RcppEigen"      "RcppGSL"
#> [265] "RcppParallel"   "RcppTOML"       "RCurl"          "Rdpack"
#> [269] "readr"          "readxl"         "recipes"        "RefManagerR"
#> [273] "rematch"        "rematch2"       "remotes"        "reprex"
#> [277] "reshape2"       "reticulate"     "rex"            "rhub"
#> [281] "rlang"          "RMariaDB"       "rmarkdown"      "roxygen2"
#> [285] "rpf"           "RPostgres"      "rProject"       "rprojroot"
#> [289] "rsample"        "RSQLite"        "rstan"          "rstantools"
#> [293] "rstudioapi"     "rversions"      "rvest"          "Ryacas"
#> [297] "sass"          "scales"         "selectr"        "semlbci"
#> [301] "semmcci"        "sessioninfo"    "shape"          "shiny"
#> [305] "simStateSpace"  "slider"         "snow"           "snowfall"
#> [309] "sourcetools"    "SparseM"        "SQUAREM"        "StanHeaders"
#> [313] "statmod"        "stringi"        "stringr"        "styler"
#> [317] "symSEM"         "sys"            "systemfonts"    "tensorA"
#> [321] "testthat"       "texreg"         "textshaping"    "tibble"
#> [325] "tidymodels"     "tidyr"          "tidyselect"     "tidyverse"

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#> [329] "timechange"      "timeDate"      "tinytex"      "tune"
#> [333] "tzdb"            "ucminf"        "unigd"        "urlchecker"
#> [337] "usethis"         "utf8"          "uuid"         "V8"
#> [341] "vctrs"           "viridis"       "viridisLite"  "vroom"
#> [345] "waldo"           "warp"          "whisker"      "whoami"
#> [349] "withr"           "workflows"     "workflowsets" "xfun"
#> [353] "xml2"            "xmlparsedata"  "xopen"        "xtable"
#> [357] "yaml"            "yardstick"     "zip"          "base"
#> [361] "boot"            "class"         "cluster"      "codetools"
#> [365] "compiler"        "datasets"      "foreign"      "graphics"
#> [369] "grDevices"       "grid"          "KernSmooth"   "lattice"
#> [373] "MASS"            "Matrix"        "methods"      "mgcv"
#> [377] "nlme"            "nnet"          "parallel"     "rpart"
#> [381] "spatial"         "splines"       "stats"        "stats4"
#> [385] "survival"        "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/>