Session Info

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Session

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sessionInfo()

#> 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/libopenblasp-r0.3.20.so;  LAPACK version 3.10.
#>
#> 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
```

Packages

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

```
#>   [1] "cffr"            "fitDTVARMx"      "rProject"        "abind"
#>   [5] "arrow"           "ash"             "AsioHeaders"     "askpass"
#>   [9] "assertthat"      "backports"       "base64enc"       "betaDelta"
#>  [13] "betaMC"          "betaNB"          "betaSandwich"    "BH"
#>  [17] "bibtex"          "BiocManager"     "bit"             "bit64"
#>  [21] "bitops"          "blob"            "brew"            "brio"
#>  [25] "broom"           "bslib"           "cachem"          "callr"
#>  [29] "car"             "caracas"         "carData"         "cellranger"
#>  [33] "cffr"            "checkmate"       "cli"             "clipr"
#>  [37] "clock"           "coda"            "cOde"            "collections"
#>  [41] "colorspace"      "commonmark"      "conflicted"      "corpcor"
#>  [45] "covr"            "cowplot"         "cpp11"           "crayon"
#>  [49] "credentials"     "crosstalk"       "cTMed"           "ctsem"
#>  [53] "curl"            "cyclocomp"       "data.table"      "DBI"
#>  [57] "dbplyr"          "Deriv"           "desc"            "deSolve"
#>  [61] "devtools"        "diagram"         "dials"           "DiceDesign"
#>  [65] "diffobj"         "digest"          "distributional"  "distro"
#>  [69] "doBy"            "docopt"          "doFuture"        "downlit"
#>  [73] "dplyr"           "DT"              "dtplyr"          "duckdb"
#>  [77] "dynr"            "dynUtils"        "ellipse"         "ellipsis"
#>  [81] "evaluate"        "expm"            "fansi"           "farver"
#>  [85] "fastDummies"     "fastmap"         "fclust"          "fda"
#>  [89] "fdrtool"         "fds"             "fitCTVARMx"      "fitDTVARMx"
#>  [93] "FNN"             "fontawesome"     "forcats"         "foreach"
#>  [97] "Formula"         "fs"              "fst"             "fstcore"
#> [101] "furrr"           "future"          "future.apply"    "gargle"
#> [105] "generics"        "gert"            "ggplot2"         "ggrepel"
#> [109] "gh"              "gitcreds"        "glasso"          "glmnet"
#> [113] "globals"         "glue"            "googledrive"     "googlesheets4"
#> [117] "gower"           "GPArotation"     "GPfit"           "gridExtra"
#> [121] "gsubfn"          "gtable"          "gtools"          "hardhat"
#> [125] "haven"           "hdrcde"          "here"            "highr"
#> [129] "Hmisc"           "hms"             "htmlTable"       "htmltools"
#> [133] "htmlwidgets"     "httpgd"          "httpuv"          "httr"
#> [137] "httr2"           "ids"             "ifaTools"        "igraph"
#> [141] "infer"           "ini"             "inline"          "ipred"
#> [145] "isoband"         "iterators"       "jomo"            "jpeg"
```

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#> [149] "jquerylib"       "jsonlite"        "jsonvalidate"    "kernlab"
#> [153] "knitr"           "ks"              "labeling"        "Lahman"
#> [157] "languageserver"  "later"           "latex2exp"       "lava"
#> [161] "lavaan"          "lazyeval"        "lhs"             "lifecycle"
#> [165] "lintr"           "listenv"         "littler"         "lme4"
#> [169] "locfit"          "longMI"          "loo"             "lubridate"
#> [173] "magick"          "magrittr"        "markdown"        "MatrixModels"
#> [177] "matrixStats"     "mclust"          "memoise"         "metaSEM"
#> [181] "metaVAR"         "mice"            "microbenchmark"  "mime"
#> [185] "miniUI"          "minqa"           "mitml"           "mize"
#> [189] "mnormt"          "modeldata"       "modelenv"        "modelr"
#> [193] "MplusAutomation" "multicool"       "munsell"         "mvtnorm"
#> [197] "nloptr"          "numDeriv"        "nycflights13"    "OpenMx"
#> [201] "openssl"         "ordinal"         "pan"             "pander"
#> [205] "parallelly"      "parsnip"         "patchwork"       "pbapply"
#> [209] "pbivnorm"        "pbkrtest"        "pcaPP"           "pdftools"
#> [213] "pillar"          "pkgbuild"        "pkgconfig"       "pkgdown"
#> [217] "pkgload"         "plogr"           "plyr"            "png"
#> [221] "posterior"       "pracma"          "praise"          "prettyunits"
#> [225] "printr"          "processx"        "prodlim"         "profvis"
#> [229] "progress"        "progressr"       "promises"        "proto"
#> [233] "ps"              "psych"           "purrr"           "qgraph"
#> [237] "qpdf"            "quadprog"        "quantreg"        "quarto"
#> [241] "QuickJSR"        "R.cache"         "R.methodsS3"     "R.oo"
#> [245] "R.utils"         "R6"              "ragg"            "rainbow"
#> [249] "rappdirs"        "rbibutils"       "rcmdcheck"       "RColorBrewer"
#> [253] "Rcpp"            "RcppArmadillo"   "RcppEigen"       "RcppGSL"
#> [257] "RcppParallel"    "RcppTOML"        "RCurl"           "Rdpack"
#> [261] "readr"           "readxl"          "recipes"         "RefManageR"
#> [265] "rematch"         "rematch2"        "remotes"         "reprex"
#> [269] "reshape2"        "reticulate"      "rex"             "rhub"
#> [273] "rlang"           "RMariaDB"        "rmarkdown"       "roxygen2"
#> [277] "rpf"             "RPostgres"       "rProject"        "rprojroot"
#> [281] "rsample"         "RSQLite"         "rstan"           "rstantools"
#> [285] "rstudioapi"      "rversions"       "rvest"           "Ryacas"
#> [289] "sass"            "scales"          "selectr"         "semlbci"
#> [293] "semmcci"         "sessioninfo"     "shape"           "shiny"
#> [297] "simStateSpace"   "slider"          "snow"            "snowfall"
#> [301] "sourcetools"     "SparseM"         "SQUAREM"         "StanHeaders"
#> [305] "statmod"         "stringi"         "stringr"         "styler"
#> [309] "symSEM"          "sys"             "systemfonts"     "tensorA"
#> [313] "testthat"        "texreg"          "textshaping"     "tibble"
#> [317] "tidymodels"      "tidyr"           "tidyselect"      "tidyverse"
#> [321] "timechange"      "timeDate"        "tinytex"         "tune"
#> [325] "tzdb"            "ucminf"          "unigd"           "urlchecker"
```

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