Session Info

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Session

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sessionInfo()

#> R version 4.4.0 (2024-04-24)
#> 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_0.0.13
#>
#> loaded via a namespace (and not attached):
#>  [1] backports_1.4.1   R6_2.5.1          lubridate_1.9.3   xfun_0.43
#>  [5] magrittr_2.0.3    glue_1.7.0        stringr_1.5.1     knitr_1.46
#>  [9] timechange_0.3.0  generics_0.1.3    lifecycle_1.0.4   xml2_1.3.6
#> [13] cli_3.6.2.9000    bibtex_0.5.1      compiler_4.4.0    highr_0.10
#> [17] rprojroot_2.0.4   plyr_1.8.9        httr_1.4.7        rstudioapi_0.16.0
#> [21] tools_4.4.0       evaluate_0.23     Rcpp_1.0.12       RefManageR_1.4.0
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#> [25] rlang_1.1.3       jsonlite_1.8.8    stringi_1.8.4
```

Packages

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

```
#>   [1] "cTMed"           "dynUtils"        "manCTMed"        "rProject"
#>   [5] "simStateSpace"   "tinytex"         "abind"           "arrow"
#>   [9] "ash"             "AsioHeaders"     "askpass"         "assertthat"
#>  [13] "backports"       "base64enc"       "betaDelta"       "betaMC"
#>  [17] "betaNB"          "betaSandwich"    "BH"              "bibtex"
#>  [21] "BiocManager"     "bit"             "bit64"           "bitops"
#>  [25] "blob"            "brew"            "brio"            "broom"
#>  [29] "bslib"           "cachem"          "callr"           "car"
#>  [33] "caracas"         "carData"         "cellranger"      "cffr"
#>  [37] "checkmate"       "cli"             "clipr"           "clock"
#>  [41] "coda"            "cOde"            "collections"     "colorspace"
#>  [45] "commonmark"      "conflicted"      "corpcor"         "covr"
#>  [49] "cowplot"         "cpp11"           "crayon"          "credentials"
#>  [53] "crosstalk"       "cTMed"           "ctsem"           "curl"
#>  [57] "cyclocomp"       "data.table"      "DBI"             "dbplyr"
#>  [61] "Deriv"           "desc"            "deSolve"         "devtools"
#>  [65] "diagram"         "dials"           "DiceDesign"      "diffobj"
#>  [69] "digest"          "distributional"  "distro"          "doBy"
#>  [73] "docopt"          "doFuture"        "downlit"         "dplyr"
#>  [77] "DT"              "dtplyr"          "duckdb"          "dynr"
#>  [81] "dynUtils"        "ellipse"         "ellipsis"        "evaluate"
#>  [85] "expm"            "fansi"           "farver"          "fastDummies"
#>  [89] "fastmap"         "fclust"          "fda"             "fdrtool"
#>  [93] "fds"             "FNN"             "fontawesome"     "forcats"
#>  [97] "foreach"         "Formula"         "fs"              "fst"
#> [101] "fstcore"         "furrr"           "future"          "future.apply"
#> [105] "gargle"          "generics"        "gert"            "ggplot2"
#> [109] "ggrepel"         "gh"              "gitcreds"        "glasso"
#> [113] "glmnet"          "globals"         "glue"            "googledrive"
#> [117] "googlesheets4"   "gower"           "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"        "manCTMed"        "markdown"
#> [177] "MASS"            "MatrixModels"    "matrixStats"     "mclust"
#> [181] "memoise"         "metaSEM"         "mice"            "microbenchmark"
#> [185] "mime"            "miniUI"          "minqa"           "mitml"
#> [189] "mize"            "mnormt"          "modeldata"       "modelenv"
#> [193] "modelr"          "MplusAutomation" "multicool"       "munsell"
#> [197] "mvtnorm"         "nloptr"          "numDeriv"        "nycflights13"
#> [201] "OpenMx"          "openssl"         "ordinal"         "pan"
#> [205] "pander"          "parallelly"      "parsnip"         "patchwork"
#> [209] "pbapply"         "pbivnorm"        "pbkrtest"        "pcaPP"
#> [213] "pdftools"        "pillar"          "pkgbuild"        "pkgconfig"
#> [217] "pkgdown"         "pkgload"         "plogr"           "plyr"
#> [221] "png"             "posterior"       "pracma"          "praise"
#> [225] "prettyunits"     "printr"          "processx"        "prodlim"
#> [229] "profvis"         "progress"        "progressr"       "promises"
#> [233] "proto"           "ps"              "psych"           "purrr"
#> [237] "qgraph"          "qpdf"            "quadprog"        "quantreg"
#> [241] "quarto"          "QuickJSR"        "R.cache"         "R.methodsS3"
#> [245] "R.oo"            "R.utils"         "R6"              "ragg"
#> [249] "rainbow"         "rappdirs"        "rbibutils"       "rcmdcheck"
#> [253] "RColorBrewer"    "Rcpp"            "RcppArmadillo"   "RcppEigen"
#> [257] "RcppGSL"         "RcppParallel"    "RcppTOML"        "RCurl"
#> [261] "Rdpack"          "readr"           "readxl"          "recipes"
#> [265] "RefManageR"      "rematch"         "rematch2"        "remotes"
#> [269] "reprex"          "reshape2"        "reticulate"      "rex"
#> [273] "rhub"            "rlang"           "RMariaDB"        "rmarkdown"
#> [277] "roxygen2"        "rpf"             "RPostgres"       "rProject"
#> [281] "rprojroot"       "rsample"         "RSQLite"         "rstan"
#> [285] "rstantools"      "rstudioapi"      "rversions"       "rvest"
#> [289] "Ryacas"          "sass"            "scales"          "selectr"
#> [293] "semlbci"         "semmcci"         "sessioninfo"     "shape"
#> [297] "shiny"           "simStateSpace"   "slider"          "snow"
#> [301] "snowfall"        "sourcetools"     "SparseM"         "SQUAREM"
#> [305] "StanHeaders"     "statmod"         "stringi"         "stringr"
#> [309] "styler"          "symSEM"          "sys"             "systemfonts"
#> [313] "tensorA"         "testthat"        "texreg"          "textshaping"
#> [317] "tibble"          "tidymodels"      "tidyr"           "tidyselect"
#> [321] "tidyverse"       "timechange"      "timeDate"        "tinytex"
#> [325] "tune"            "tzdb"            "ucminf"          "unigd"
```

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

References

R Core Team. (2023). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. Vienna, Austria. https://www.R-project.org/