Session Info

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Session

```r
sessionInfo()

#> R version 4.3.3 (2024-02-29)
#> Platform: x86_64-pc-linux-gnu (64-bit)
#> 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_0.0.10
#>
#> 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_4.3.3    highr_0.10
#> [17] rprojroot_2.0.4   plyr_1.8.9        httr_1.4.7        rstudioapi_0.16.0
#> [21] tools_4.3.3       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_1.8.3
```

Packages

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

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

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#> [149] "isoband"        "iterators"      "jomo"           "jpeg"
#> [153] "jquerylib"      "jsonlite"       "jsonvalidate"   "kernlab"
#> [157] "knitr"          "ks"             "labeling"       "Lahman"
#> [161] "languageserver" "later"          "latex2exp"      "lava"
#> [165] "lavaan"         "lazyeval"       "lhs"            "lifecycle"
#> [169] "lintr"          "listenv"        "littler"        "lme4"
#> [173] "locfit"         "longMI"         "loo"            "lubridate"
#> [177] "magick"         "magrittr"       "markdown"       "MatrixModels"
#> [181] "matrixStats"    "mclust"         "memoise"        "metaSEM"
#> [185] "mice"           "microbenchmark" "mime"           "miniUI"
#> [189] "minqa"          "mitml"          "mize"           "mnormt"
#> [193] "modeldata"      "modelenv"       "modelr"         "multicool"
#> [197] "munsell"        "mvtnorm"        "nloptr"         "numDeriv"
#> [201] "nycflights13"   "OpenMx"         "openssl"        "ordinal"
#> [205] "pan"            "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] "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] "stringi"        "stringr"        "styler"         "symSEM"
#> [309] "sys"            "systemfonts"    "tensorA"        "testthat"
#> [313] "textshaping"    "tibble"         "tidymodels"     "tidyr"
#> [317] "tidyselect"     "tidyverse"      "timechange"     "timeDate"
#> [321] "tinytex"        "tune"           "tzdb"           "ucminf"
#> [325] "unigd"          "urlchecker"     "usethis"        "utf8"
```

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