

# Session Info

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## Session

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sessionInfo()

#> R version 4.2.3 (2023-03-15)
#> Platform: x86_64-pc-linux-gnu (64-bit)
#> Running under: Ubuntu 20.04.5 LTS
#>
#> Matrix products: default
#> BLAS: /usr/lib/x86_64-linux-gnu/atlas/libblas.so.3.10.3
#> LAPACK: /usr/lib/x86_64-linux-gnu/atlas/liblapack.so.3.10.3
#>
#> locale:
#>  [1] LC_CTYPE=C.UTF-8      LC_NUMERIC=C          LC_TIME=C.UTF-8
#>  [4] LC_COLLATE=C.UTF-8    LC_MONETARY=C.UTF-8   LC_MESSAGES=C.UTF-8
#>  [7] LC_PAPER=C.UTF-8      LC_NAME=C             LC_ADDRESS=C
#> [10] LC_TELEPHONE=C        LC_MEASUREMENT=C.UTF-8 LC_IDENTIFICATION=C
#>
#> attached base packages:
#> [1] stats      graphics  grDevices  utils      datasets  methods   base
#>
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#> loaded via a namespace (and not attached):
#> [1] compiler_4.2.3      rprojroot_2.0.3      tools_4.2.3
#> [4] rProject_0.0.0.9000 highr_0.10            knitr_1.42
#> [7] xfun_0.38           evaluate_0.20
```

## Packages

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

#> [1] "askpass"      "assertthat"    "backports"     "base64enc"
#> [5] "betaMC"       "bit"           "bit64"         "blob"
#> [9] "brew"         "brio"          "broom"         "bslib"
#> [13] "cachem"       "callr"         "cellranger"    "cli"
#> [17] "clipr"        "colorspace"    "commonmark"    "conflicted"
#> [21] "covr"         "cpp11"         "crayon"         "credentials"
#> [25] "curl"         "cyclocomp"     "data.table"    "DBI"
#> [29] "dbplyr"       "desc"          "devtools"      "diffobj"
#> [33] "digest"       "distro"        "downlit"       "dplyr"
#> [37] "dtplyr"       "ellipsis"      "evaluate"      "fansi"
#> [41] "farver"       "fastmap"       "fontawesome"   "forcats"
#> [45] "fs"           "gargle"        "generics"      "gert"
#> [49] "ggplot2"      "gh"            "gitcreds"      "glue"
#> [53] "googledrive"  "googlesheets4" "gtable"        "haven"
#> [57] "highr"        "hms"           "htmltools"     "htmlwidgets"
#> [61] "httpuv"       "httr"          "httr2"         "ids"
#> [65] "ini"          "isoband"       "jquerylib"     "jsonlite"
#> [69] "knitr"        "labeling"      "later"         "lavaan"
```

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#> [73] "lazyeval"      "lifecycle"     "lintr"         "lubridate"
#> [77] "magick"        "magrittr"      "memoise"       "microbenchmark"
#> [81] "mime"          "miniUI"        "mnormt"        "modelr"
#> [85] "munsell"       "numDeriv"      "openssl"       "parsedate"
#> [89] "pbivnorm"      "pdftools"      "pillar"        "pkgbuild"
#> [93] "pkgconfig"     "pkgdown"       "pkgload"       "praise"
#> [97] "prettyunits"   "processx"      "profvis"       "progress"
#> [101] "promises"      "ps"            "purrr"         "qpdf"
#> [105] "quadprog"      "R.cache"       "R.methodsS3"   "R.oo"
#> [109] "R.utils"       "R6"            "ragg"          "rappdirs"
#> [113] "rcmdcheck"     "RColorBrewer"  "Rcpp"          "readr"
#> [117] "readxl"        "rematch"       "rematch2"      "remotes"
#> [121] "reprex"        "rex"           "rhub"          "rlang"
#> [125] "rmarkdown"     "roxygen2"      "rProject"      "rprojroot"
#> [129] "rstudioapi"    "rversions"     "rvest"         "sass"
#> [133] "scales"        "selectr"       "semmcci"       "sessioninfo"
#> [137] "shiny"         "sourcetools"   "stringi"       "stringr"
#> [141] "styler"        "sys"           "systemfonts"   "testthat"
#> [145] "textshaping"   "tibble"        "tidyr"         "tidyselect"
#> [149] "tidyverse"     "timechange"    "tinytex"       "tzdb"
#> [153] "urlchecker"    "usethis"       "utf8"          "uuid"
#> [157] "vctrs"         "viridisLite"   "vroom"         "waldo"
#> [161] "whisker"       "whoami"        "withr"         "xfun"
#> [165] "xml2"          "xmlparsedata"  "xopen"         "xtable"
#> [169] "yaml"          "zip"           "base"          "boot"
#> [173] "class"         "cluster"       "codetools"     "compiler"
#> [177] "datasets"      "foreign"       "graphics"      "grDevices"

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#> [181] "grid"          "KernSmooth"    "lattice"       "MASS"
#> [185] "Matrix"        "methods"       "mgcv"          "nlme"
#> [189] "nnet"          "parallel"      "rpart"         "spatial"
#> [193] "splines"       "stats"         "stats4"        "survival"
#> [197] "tcltk"         "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/>