

# 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"          "fansit"
#> [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/>