

# Session Info

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## Session

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sessionInfo()

#> R version 4.3.0 (2023-04-21)
#> Platform: x86_64-pc-linux-gnu (64-bit)
#> Running under: Ubuntu 20.04.6 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; LAPACK version 3.9.0
#>
#> 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
#>
#> time zone: UTC
#> tzcode source: system (glibc)
#>
```

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#> attached base packages:
#> [1] stats      graphics  grDevices  utils      datasets  methods   base
#>
#> loaded via a namespace (and not attached):
#> [1] compiler_4.3.0      rprojroot_2.0.3      tools_4.3.0
#> [4] rProject_0.0.0.9000 highr_0.10            knitr_1.43
#> [7] xfun_0.39           evaluate_0.21
```

## Packages

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

#> [1] "askpass"      "assertthat"    "backports"     "base64enc"
#> [5] "betaDelta"    "betaMC"        "betaNB"        "betaSandwich"
#> [9] "bit"          "bit64"         "blob"          "brew"
#> [13] "brio"         "broom"         "bslib"         "cachem"
#> [17] "callr"        "cellranger"    "cfr"           "cli"
#> [21] "clipr"        "colorspace"    "commonmark"    "conflicted"
#> [25] "covr"         "cpp11"         "crayon"        "credentials"
#> [29] "curl"         "cyclocomp"     "data.table"    "DBI"
#> [33] "dbplyr"       "desc"          "devtools"      "diffobj"
#> [37] "digest"       "distro"        "downlit"       "dplyr"
#> [41] "dtplyr"       "ellipsis"      "evaluate"      "fanshi"
#> [45] "farver"       "fastmap"       "fontawesome"   "forcats"
#> [49] "fs"           "gargle"        "generics"      "gert"
#> [53] "ggplot2"      "gh"            "gitcreds"      "glue"
#> [57] "googledrive"  "googlesheets4" "gtable"        "haven"
#> [61] "highr"        "hms"           "htmltools"     "htmlwidgets"
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#> [65] "httpuv"      "httr"      "httr2"      "ids"
#> [69] "ini"         "isoband"   "jquerylib"  "jsonlite"
#> [73] "jsonvalidate" "knitr"     "labeling"   "later"
#> [77] "lavaan"     "lazyeval"  "lifecycle"  "lintr"
#> [81] "lubridate"   "magick"    "magrittr"   "memoise"
#> [85] "mice"        "microbenchmark" "mime"      "miniUI"
#> [89] "mnormt"     "modelr"    "munsell"    "numDeriv"
#> [93] "openssl"    "parsedate" "pbivnorm"   "pdftools"
#> [97] "pillar"     "pkgbuild"  "pkgconfig"  "pkgdown"
#> [101] "pkgload"    "praise"    "prettyunits" "processx"
#> [105] "profvis"    "progress"  "promises"   "ps"
#> [109] "purrr"      "qpdf"      "quadprog"   "R.cache"
#> [113] "R.methodsS3" "R.oo"      "R.utils"    "R6"
#> [117] "ragg"       "rappdirs"  "rcmdcheck"  "RColorBrewer"
#> [121] "Rcpp"       "readr"     "readxl"     "rematch"
#> [125] "rematch2"   "remotes"   "reprex"     "rex"
#> [129] "rhub"       "rlang"     "rmarkdown"  "roxygen2"
#> [133] "rProject"   "rprojroot" "rstudioapi" "rversions"
#> [137] "rvest"      "sass"      "scales"     "selectr"
#> [141] "semmccci"   "sessioninfo" "shiny"      "sourcetools"
#> [145] "stringi"    "stringr"   "styler"     "sys"
#> [149] "systemfonts" "testthat"  "textshaping" "tibble"
#> [153] "tidyr"      "tidyselect" "tidyverse"  "timechange"
#> [157] "tinytex"    "tzdb"      "urlchecker" "usethis"
#> [161] "utf8"       "uuid"      "V8"         "vctrs"
#> [165] "viridisLite" "vroom"     "waldo"      "whisker"
#> [169] "whoami"     "withr"     "xfun"       "xml2"

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#> [173] "xmlparsedata"  "xopen"          "xtable"          "yaml"
#> [177] "zip"           "base"           "boot"           "class"
#> [181] "cluster"       "codetools"      "compiler"        "datasets"
#> [185] "foreign"       "graphics"       "grDevices"       "grid"
#> [189] "KernSmooth"   "lattice"        "MASS"           "Matrix"
#> [193] "methods"       "mgcv"           "nlme"           "nnet"
#> [197] "parallel"     "rpart"          "spatial"         "splines"
#> [201] "stats"        "stats4"         "survival"        "tcltk"
#> [205] "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/>