

# 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] "abind"          "Amelia"          "arm"             "askpass"
#>   [5] "assertthat"     "backports"       "base64enc"       "betaDelta"
#>   [9] "betaMC"         "betaNB"          "betaSandwich"    "bit"
#>  [13] "bit64"          "blob"            "bmemLavaan"      "brew"
#>  [17] "brio"           "broom"           "bslib"           "cachem"
#>  [21] "callr"          "cellranger"      "cfr"             "cli"
#>  [25] "clipr"          "coda"            "colorspace"      "commonmark"
#>  [29] "conflicted"     "covr"            "cpp11"           "crayon"
#>  [33] "credentials"    "curl"            "cyclocomp"       "data.table"
#>  [37] "DBI"            "dbplyr"          "desc"            "devtools"
#>  [41] "diffobj"        "digest"          "distrib"         "downlit"
#>  [45] "dplyr"          "dtplyr"          "ellipsis"        "evaluate"
#>  [49] "fansi"          "farver"          "fastmap"         "fontawesome"
#>  [53] "forcats"        "fs"              "gargle"          "generics"
#>  [57] "gert"           "ggplot2"         "gh"              "gitcreds"
#>  [61] "glue"           "googledrive"     "googlesheets4"  "gtable"
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#> [65] "haven"          "highr"          "hms"            "htmltools"
#> [69] "htmlwidgets"    "httpuv"         "httr"           "httr2"
#> [73] "ids"            "ini"            "isoband"        "jquerylib"
#> [77] "jsonlite"       "jsonvalidate"   "knitr"          "labeling"
#> [81] "later"          "lavaan"         "lazyeval"       "lifecycle"
#> [85] "lintr"          "lme4"           "lubridate"      "magick"
#> [89] "magrittr"       "manBetaCIWald" "memoise"        "mi"
#> [93] "mice"           "microbenchmark" "mime"           "miniUI"
#> [97] "minqa"          "mnormt"         "modelr"         "munsell"
#> [101] "nloptr"         "numDeriv"       "openssl"        "parsedate"
#> [105] "pbivnorm"       "pdftools"       "pillar"         "pkgbuild"
#> [109] "pkgconfig"      "pkgdown"        "pkgload"        "praise"
#> [113] "prettyunits"    "processx"       "profvis"        "progress"
#> [117] "promises"       "ps"             "psych"          "purrr"
#> [121] "qpdf"           "quadprog"       "R.cache"        "R.methodsS3"
#> [125] "R.oo"           "R.utils"        "R6"             "ragg"
#> [129] "rappdirs"       "rcmdcheck"      "RColorBrewer"   "Rcpp"
#> [133] "RcppArmadillo" "RcppEigen"      "readr"          "readxl"
#> [137] "rematch"        "rematch2"       "remotes"        "reprex"
#> [141] "rex"            "rhub"           "rlang"          "rmarkdown"
#> [145] "roxygen2"       "rProject"       "rprojroot"      "rsem"
#> [149] "rstudioapi"     "rversions"      "rvest"          "sass"
#> [153] "scales"         "selectr"        "sem"            "semmcci"
#> [157] "sessioninfo"    "shiny"          "snow"           "snowfall"
#> [161] "sourcetools"    "stringi"        "stringr"        "styler"
#> [165] "sys"            "systemfonts"    "testthat"       "textshaping"
#> [169] "tibble"         "tidyr"          "tidyselect"     "tidyverse"

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#> [173] "timechange"      "tinytex"         "tzdb"            "urlchecker"
#> [177] "usethis"         "utf8"            "uuid"            "V8"
#> [181] "vctr"           "viridisLite"     "vroom"           "waldo"
#> [185] "whisker"         "whoami"          "withr"           "xfun"
#> [189] "xml2"            "xmlparsedata"    "xopen"           "xtable"
#> [193] "yaml"           "zip"             "base"            "boot"
#> [197] "class"          "cluster"         "codetools"       "compiler"
#> [201] "datasets"       "foreign"         "graphics"        "grDevices"
#> [205] "grid"           "KernSmooth"     "lattice"         "MASS"
#> [209] "Matrix"         "methods"        "mgcv"            "nlme"
#> [213] "nnet"           "parallel"        "rpart"           "spatial"
#> [217] "splines"        "stats"           "stats4"          "survival"
#> [221] "tcltk"          "tools"           "utils"

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## 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/>