Session Info

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Session

```r
sessionInfo()
```

```
#> R version 4.3.1 (2023-06-16)
#> 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)
#>
```

```
#> attached base packages:
#> [1] stats     graphics  grDevices utils     datasets  methods   base
#>
#> other attached packages:
#> [1] lavaan_0.6-15 semmcci_1.1.0
#>
#> loaded via a namespace (and not attached):
#>  [1] compiler_4.3.1      rprojroot_2.0.3      parallel_4.3.1
#>  [4] tools_4.3.1         rProject_0.0.0.9000 mnormt_2.1.1
#>  [7] highr_0.10          pbivnorm_0.6.0      knitr_1.43
#> [10] xfun_0.39           stats4_4.3.1        evaluate_0.21
#> [13] quadprog_1.5-8
```

Packages

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

```
#>  [1] "abind"        "Amelia"       "arm"          "askpass"
#>  [5] "assertthat"   "backports"    "base64enc"    "betaDelta"
#>  [9] "betaSandwich" "bit"          "bit64"        "blob"
#> [13] "bmemLavaan"   "brew"         "brio"         "broom"
#> [17] "bslib"        "cachem"       "callr"        "cellranger"
#> [21] "cffr"         "cli"          "clipr"        "coda"
#> [25] "colorspace"   "commonmark"   "conflicted"   "covr"
#> [29] "cpp11"        "crayon"       "credentials"  "curl"
#> [33] "cyclocomp"    "data.table"   "DBI"          "dbplyr"
#> [37] "desc"         "devtools"     "diffobj"      "digest"
```

```
#>  [41] "distro"        "downlit"        "dplyr"          "dtplyr"
#>  [45] "ellipsis"      "evaluate"       "fansi"          "farver"
#>  [49] "fastmap"       "fontawesome"    "forcats"        "foreach"
#>  [53] "fs"            "gargle"         "generics"       "gert"
#>  [57] "ggplot2"       "gh"             "gitcreds"       "glmnet"
#>  [61] "glue"          "googledrive"    "googlesheets4"  "gtable"
#>  [65] "haven"         "highr"          "hms"            "htmltools"
#>  [69] "htmlwidgets"   "httpuv"         "httr"           "httr2"
#>  [73] "ids"           "ini"            "isoband"        "iterators"
#>  [77] "jomo"          "jquerylib"      "jsonlite"       "jsonvalidate"
#>  [81] "knitr"         "labeling"       "later"          "lavaan"
#>  [85] "lazyeval"      "lifecycle"      "lintr"          "lme4"
#>  [89] "lubridate"     "magick"         "magrittr"       "memoise"
#>  [93] "mi"            "mice"           "microbenchmark" "mime"
#>  [97] "miniUI"        "minqa"          "mitml"          "mnormt"
#> [101] "modelr"        "munsell"        "nloptr"         "numDeriv"
#> [105] "openssl"       "ordinal"        "pan"            "parsedate"
#> [109] "pbivnorm"      "pdftools"       "pillar"         "pkgbuild"
#> [113] "pkgconfig"     "pkgdown"        "pkgload"        "praise"
#> [117] "prettyunits"   "printr"         "processx"       "profvis"
#> [121] "progress"      "promises"       "ps"             "psych"
#> [125] "purrr"         "qpdf"           "quadprog"       "R.cache"
#> [129] "R.methodsS3"   "R.oo"           "R.utils"        "R6"
#> [133] "ragg"          "rappdirs"       "rcmdcheck"      "RColorBrewer"
#> [137] "Rcpp"          "RcppArmadillo"  "RcppEigen"      "readr"
#> [141] "readxl"        "rematch"        "rematch2"       "remotes"
#> [145] "reprex"        "rex"            "rhub"           "rlang"
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#> [149] "rmarkdown"      "roxygen2"       "rProject"       "rprojroot"
#> [153] "rsem"           "rstudioapi"     "rversions"      "rvest"
#> [157] "sass"           "scales"         "selectr"        "sem"
#> [161] "semmcci"        "sessioninfo"    "shape"          "shiny"
#> [165] "snow"           "snowfall"       "sourcetools"    "stringi"
#> [169] "stringr"        "styler"         "sys"            "systemfonts"
#> [173] "testthat"       "textshaping"    "tibble"         "tidyr"
#> [177] "tidyselect"     "tidyverse"      "timechange"     "tinytex"
#> [181] "tzdb"           "ucminf"         "urlchecker"     "usethis"
#> [185] "utf8"           "uuid"           "V8"             "vctrs"
#> [189] "viridisLite"    "vroom"          "waldo"          "whisker"
#> [193] "whoami"         "withr"          "xfun"           "xml2"
#> [197] "xmlparsedata"   "xopen"          "xtable"         "yaml"
#> [201] "zip"            "base"           "boot"           "class"
#> [205] "cluster"        "codetools"      "compiler"       "datasets"
#> [209] "foreign"        "graphics"       "grDevices"      "grid"
#> [213] "KernSmooth"     "lattice"        "MASS"           "Matrix"
#> [217] "methods"        "mgcv"           "nlme"           "nnet"
#> [221] "parallel"       "rpart"          "spatial"        "splines"
#> [225] "stats"          "stats4"         "survival"       "tcltk"
#> [229] "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/