## Session Info

### Ivan Jacob Agaloos Pesigan

#### Session

```
sessionInfo()
#> R version 4.4.2 (2024-10-31)
#> Platform: x86_64-pc-linux-gnu
#> Running under: Ubuntu 24.04.1 LTS
#> Matrix products: default
#> BLAS: /usr/lib/x86_64-linux-gnu/openblas-pthread/libblas.so.3
#> LAPACK: /usr/lib/x86_64-linux-gnu/openblas-pthread/libopenblasp-r0.3.26.so; LAPACK version 3.12
#>
#> locale:
#> [1] LC_CTYPE=en_US.UTF-8
                              LC_NUMERIC=C
#> [3] LC_TIME=en_US.UTF-8
                                LC_COLLATE=en_US.UTF-8
#> [5] LC_MONETARY=en_US.UTF-8 LC_MESSAGES=en_US.UTF-8
#> [7] LC_PAPER=en_US.UTF-8
                              LC_NAME=C
#> [9] LC_ADDRESS=C
                              LC_TELEPHONE=C
#> [11] LC_MEASUREMENT=en_US.UTF-8 LC_IDENTIFICATION=C
#>
#> time zone: Etc/UTC
#> tzcode source: system (glibc)
#> attached base packages:
base
#> other attached packages:
#> [1] rProject_0.0.17
#>
#> loaded via a namespace (and not attached):
                                lubridate_1.9.4 xfun_0.50
#> [1] backports_1.5.0 R6_2.5.1
#> [5] magrittr_2.0.3 glue_1.8.0 stringr_1.5.1 knitr_1.49
#> [9] timechange_0.3.0 generics_0.1.3 lifecycle_1.0.4 xml2_1.3.6
                                  1 compiler_4.4.2 highr_0.11 httr_1.4.7 tools_4.4.
#> [13] cli_3.6.3.9002 bibtex_0.5.1
#> [17] rprojroot_2.0.4 plyr_1.8.9
                                                     tools_4.4.2
#> [21] evaluate_1.0.3 Rcpp_1.0.13-1 RefManageR_1.4.0 rlang_1.1.4
```

## **Packages**

```
unname(installed.packages()[, 1])
#>
     [1] "simStateSpace"
                             "abind"
                                                 "arm"
     [4] "arrow"
                             "ash"
#>
                                                 "AsioHeaders"
     [7] "askpass"
                             "assertthat"
                                                 "backports"
#>
#> [10] "base64enc"
                             "betaDelta"
                                                 "betaMC"
                             "betaSandwich"
                                                 "BH"
#> [13] "betaNB"
#> [16] "bibtex"
                                                 "bit"
                             "BiocManager"
                                                 "blob"
#> [19] "bit64"
                             "bitops"
#> [22] "brew"
                             "brio"
                                                 "broom"
#> [25] "bslib"
                             "cachem"
                                                 "callr"
#> [28] "car"
                             "caracas"
                                                 "carData"
                             "cffr"
                                                 "checkmate"
#> [31] "cellranger"
                             "clipr"
#> [34] "cli"
                                                 "clock"
#> [37] "clusterGeneration" "coda"
                                                 "cOde"
#> [40] "collections"
                             "colorspace"
                                                 "commonmark"
#> [43] "conflicted"
                             "corpcor"
                                                 "covr"
#> [46] "cowplot"
                             "cpp11"
                                                 "crayon"
#> [49] "credentials"
                             "crosstalk"
                                                 "cTMed"
#> [52] "ctsem"
                             "curl"
                                                 "cyclocomp"
#> [55] "data.table"
                             "DBI"
                                                 "dbplyr"
#> [58] "Deriv"
                             "desc"
                                                 "deSolve"
#> [61] "devtools"
                             "diagram"
                                                 "dials"
#> [64] "DiceDesign"
                                                 "digest"
                             "diffobj"
                                                 "doBy"
#> [67] "distributional"
                             "distro"
#> [70] "docopt"
                             "doFuture"
                                                 "downlit"
#> [73] "dplyr"
                             "DT"
                                                 "dtplyr"
#> [76] "dynr"
                             "dynUtils"
                                                 "ellipse"
#> [79] "ellipsis"
                             "evaluate"
                                                 "expm"
                                                 "fastDummies"
#> [82] "fansi"
                             "farver"
                                                 "fda"
#> [85] "fastmap"
                             "fclust"
#> [88] "fdrtool"
                             "fds"
                                                 "fitCTVARMx"
#> [91] "fitDTVARMx"
                             "FNN"
                                                 "fontawesome"
#> [94] "forcats"
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                                                 "Formula"
#> [97] "fs"
                             "fst"
                                                 "fstcore"
#> [100] "furrr"
                                                 "future.apply"
                             "future"
#> [103] "gargle"
                             "generics"
                                                 "gert"
#> [106] "ggplot2"
                             "ggrepel"
                                                 "gh"
#> [109] "gitcreds"
                                                 "glmnet"
                             "glasso"
```

```
"glue"
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#> [115] "googlesheets4"
                                                    "GPArotation"
                              "gower"
#> [118] "GPfit"
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                                                    "gridExtra"
                                                    "gtools"
#> [121] "gsubfn"
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#> [124] "hardhat"
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                                                    "hdrcde"
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                                                    "httpuv"
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                               "jquerylib"
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                                                    "R.utils"
```

```
#> [247] "R6"
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#> [379] "stats"
                              "stats4"
                                                   "survival"
```

#> [382] "tcltk" "tools" "utils"

# References

R Core Team. (2024). R: A language and environment for statistical computing. R Foundation for Statistical Computing. Vienna, Austria. https://www.R-project.org/