## Session Info

### Ivan Jacob Agaloos Pesigan

### Session

```
sessionInfo()
#> R version 4.5.1 (2025-06-13)
#> Platform: x86_64-pc-linux-gnu
#> Running under: Ubuntu 24.04.3 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:
#> [1] stats graphics grDevices utils datasets methods
                                                               base
#> other attached packages:
#> [1] rProject_0.0.21
#>
#> loaded via a namespace (and not attached):
#> [1] backports_1.5.0 R6_2.6.1
                                 lubridate_1.9.4 xfun_0.53
#> [5] magrittr_2.0.4 glue_1.8.0 stringr_1.5.2 knitr_1.50
#> [9] timechange_0.3.0 generics_0.1.4 lifecycle_1.0.4 xml2_1.4.0
#> [13] cli_3.6.5.9000 bibtex_0.5.1
                                       compiler_4.5.1 highr_0.11
#> [17] rprojroot_2.1.1 plyr_1.8.9
                                       httr_1.4.7
                                                       tools_4.5.1
                                      RefManageR_1.4.0 rlang_1.1.6
#> [21] evaluate_1.0.5 Rcpp_1.1.0
```

# **Packages**

```
unname(installed.packages()[, 1])
                             "simStateSpace"
#>
     [1] "bootStateSpace"
                                                 "abind"
     [4] "Amelia"
#>
                             "arm"
                                                 "arrow"
     [7] "ash"
                             "askpass"
                                                 "assertthat"
#>
#> [10] "backports"
                             "base64enc"
                                                 "betaDelta"
                             "betaNB"
#> [13] "betaMC"
                                                 "betaSandwich"
#> [16] "BH"
                             "bibtex"
                                                 "BiocManager"
#> [19] "bit"
                             "bit64"
                                                 "bitops"
#> [22] "blob"
                             "bootStateSpace"
                                                 "brew"
#> [25] "brio"
                             "broom"
                                                 "bslib"
#> [28] "cachem"
                             "callr"
                                                 "car"
#> [31] "caracas"
                             "carData"
                                                 "cellranger"
#> [34] "cffr"
                             "checkmate"
                                                 "cli"
#> [37] "clipr"
                             "clock"
                                                 "clusterGeneration"
#> [40] "coda"
                             "cOde"
                                                 "collections"
#> [43] "colorspace"
                             "commonmark"
                                                 "conflicted"
                             "covr"
#> [46] "corpcor"
                                                 "cowplot"
#> [49] "cpp11"
                             "crayon"
                                                 "credentials"
                                                 "ctsem"
#> [52] "crosstalk"
                             "cTMed"
#> [55] "curl"
                             "data.table"
                                                 "DBI"
#> [58] "dbplyr"
                             "Deriv"
                                                 "desc"
#> [61] "deSolve"
                             "devtools"
                                                 "diagram"
#> [64] "dials"
                             "DiceDesign"
                                                 "diffobj"
#> [67] "digest"
                             "distributional"
                                                 "distro"
                             "docopt"
#> [70] "doBy"
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#> [73] "dplyr"
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                                                 "dtplyr"
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#> [79] "ellipse"
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                                                 "evaluate"
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#> [85] "fastDummies"
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#> [88] "fda"
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#> [91] "fitDTVARMx"
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                                                 "gert"
#> [106] "ggplot2"
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                                                 "gh"
#> [109] "gitcreds"
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                             "glasso"
```

```
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```

```
#> [247] "R2WinBUGS"
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                                                   "stats4"
```

```
#> [382] "survival" "tcltk" "tools"
#> [385] "utils"
```

## References

Pesigan, I. J. A., Russell, M. A., & Chow, S.-M. (2025). Inferences and effect sizes for direct, indirect, and total effects in continuous-time mediation models. *Psychological Methods*. https://doi.org/10.1037/met0000779

R Core Team. (2025). R: A language and environment for statistical computing. R Foundation for Statistical Computing. Vienna, Austria. https://www.R-project.org/