Session Info

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Session

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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
          /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] rProject_0.0.5
#>
#> loaded via a namespace (and not attached):
#> [1] backports_1.4.1
                                         lubridate_1.9.2 xfun_0.40
                        R6_2.5.1
#> [5] magrittr_2.0.3
                        glue_1.6.2
                                          stringr_1.5.0
                                                           knitr_1.43
#> [9] timechange_0.2.0 generics_0.1.3
                                         lifecycle_1.0.3
                                                           xml2_1.3.5
#> [13] cli_3.6.1.9000
                        bibtex_0.5.1
                                         compiler_4.3.1
                                                           highr_0.10
#> [17] rprojroot_2.0.3
                        plyr_1.8.8
                                         httr_1.4.7
                                                           rstudioapi_0.15.0
#> [21] tools_4.3.1
                        evaluate_0.21
                                         Rcpp_1.0.11
                                                           RefManageR_1.4.0
#> [25] rlang_1.1.1
                        jsonlite_1.8.7
                                         stringi_1.7.12
```

Packages

```
unname(installed.packages()[, 1])
#>
     [1] "abind"
                           "Amelia"
                                             "arm"
                                                               "askpass"
     [5] "assertthat"
                           "backports"
                                             "base64enc"
                                                              "betaDelta"
     [9] "betaMC"
                                             "betaSandwich"
                           "betaNB"
                                                               "bibtex"
    [13] "bit"
                           "bit64"
                                             "blob"
                                                              "bmemLavaan"
    [17] "brew"
                           "brio"
                                             "broom"
                                                              "bslib"
    [21] "cachem"
                           "callr"
                                             "cellranger"
                                                              "cffr"
    [25] "cli"
                                             "coda"
#>
                           "clipr"
                                                               "coin"
    [29] "colorspace"
                           "commonmark"
                                             "conflicted"
                                                              "covr"
```

#>	[33]	"cpp11"	"crayon"	"credentials"	"crosstalk"
#>	[37]	"curl"	"cyclocomp"	"data.table"	"DBI"
#>	[41]	"dbplyr"	"desc"	"devtools"	"diffobj"
#>	[45]	"digest"	"distro"	"downlit"	"dplyr"
#>	[49]	"DT"	"dtplyr"	"ellipsis"	"evaluate"
#>	[53]	"fansi"	"farver"	"fastmap"	"fontawesome"
#>	[57]	"forcats"	"foreach"	"fs"	"gargle"
#>	[61]	"generics"	"gert"	"ggplot2"	"gh"
#>	[65]	"gitcreds"	"glmnet"	"glue"	"googledrive"
#>	[69]	"googlesheets4"	"gtable"	"haven"	"highr"
#>	[73]	"hms"	"htmltools"	"htmlwidgets"	"httpuv"
#>	[77]	"httr"	"httr2"	"ids"	"ini"
#>	[81]	"isoband"	"iterators"	"jomo"	"jquerylib"
#>	[85]	"jsonlite"	"jsonvalidate"	"knitr"	"labeling"
#>	[89]	"later"	"lavaan"	"lazyeval"	"libcoin"
#>	[93]	"lifecycle"	"lintr"	"lme4"	"lubridate"
#>	[97]	"magick"	"magrittr"	"manBetaCIWald"	"manMCMedMiss"
#>	[101]	"markdown"	"MASS"	"matrixStats"	"memoise"
#>	[105]	"mi"	"mice"	"microbenchmark"	"mime"
#>	[109]	"miniUI"	"minqa"	"mitml"	"mnormt"
#>	[113]	"modelr"	"modeltools"	"multcomp"	"munsell"
#>	[117]	"mvtnorm"	"nloptr"	"numDeriv"	"openssl"
#>	[121]	"ordinal"	"packrat"	"pan"	"parsedate"
#>	[125]	"party"	"pbivnorm"	"pdftools"	"pillar"
#>	[129]	"pkgbuild"	"pkgconfig"	"pkgdown"	"pkgload"
#>	[133]	"plyr"	"praise"	"prettyunits"	"printr"
#>	[137]	"processx"	"profvis"	"progress"	"promises"

#>	[141]	"ps"	"psych"	"purrr"	"qpdf"
#>	[145]	"quadprog"	"quarto"	"R.cache"	"R.methodsS3"
#>	[149]	"R.00"	"R.utils"	"R6"	"ragg"
#>	[153]	"rappdirs"	"rcmdcheck"	"RColorBrewer"	"Rcpp"
#>	[157]	"RcppArmadillo"	"RcppEigen"	"readr"	"readxl"
#>	[161]	"RefManageR"	"rematch"	"rematch2"	"remotes"
#>	[165]	"renv"	"reprex"	"rex"	"rhub"
#>	[169]	"rlang"	"rmarkdown"	"roxygen2"	"rProject"
#>	[173]	"rprojroot"	"rsconnect"	"rsem"	"rstudioapi"
#>	[177]	"rversions"	"rvest"	"sandwich"	"sass"
#>	[181]	"scales"	"selectr"	"sem"	"semmcci"
#>	[185]	"sessioninfo"	"shape"	"shiny"	"snow"
#>	[189]	"snowfall"	"sourcetools"	"stringi"	"stringr"
#>	[193]	"strucchange"	"styler"	"sys"	"systemfonts"
#>	[197]	"testthat"	"textshaping"	"TH.data"	"tibble"
#>	[201]	"tidyr"	"tidyselect"	"tidyverse"	"timechange"
#>	[205]	"tinytex"	"tzdb"	"ucminf"	"urlchecker"
#>	[209]	"usethis"	"utf8"	"uuid"	"Λ8"
#>	[213]	"vctrs"	"viridisLite"	"vroom"	"waldo"
#>	[217]	"whisker"	"whoami"	"withr"	"xfun"
#>	[221]	"xm12"	"xmlparsedata"	"xopen"	"xtable"
#>	[225]	"yaml"	"zip"	"zoo"	"base"
#>	[229]	"boot"	"class"	"cluster"	"codetools"
#>	[233]	"compiler"	"datasets"	"foreign"	"graphics"
#>	[237]	"grDevices"	"grid"	"KernSmooth"	"lattice"
#>	[241]	"MASS"	"Matrix"	"methods"	"mgcv"
#>	[245]	"nlme"	"nnet"	"parallel"	"rpart"

#>	[249] "spatial"	"splines"	"stats"	"stats4"
#>	[253] "survival"	"tcltk"	"tools"	"utils"

References

Pesigan, I. J. A., & Cheung, S. F. (2023). Monte Carlo confidence intervals for the indirect effect with missing data. *Behavior Research Methods*. https://doi.org/10.3758/s13428-023-02114-4

R Core Team. (2023). R: A language and environment for statistical computing. R Foundation for Statistical Computing. Vienna, Austria. https://www.R-project.org/