Runs generated using the following packages and software versions:

R version 4.3.0 (2023-04-21)

Platform: x86\_64-apple-darwin20 (64-bit)

Running under: macOS Ventura 13.5.2

Matrix products: default

BLAS:   /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libBLAS.dylib

LAPACK: /Library/Frameworks/R.framework/Versions/4.3-x86\_64/Resources/lib/libRlapack.dylib;  LAPACK version 3.11.0

locale:

[1] en\_US.UTF-8/en\_US.UTF-8/en\_US.UTF-8/C/en\_US.UTF-8/en\_US.UTF-8

time zone: America/Los\_Angeles

tzcode source: internal

attached base packages:

[1] stats     graphics  grDevices utils     datasets  methods   base

other attached packages:

 [1] viridis\_0.6.5      data.table\_1.15.2  htmlTable\_2.4.2    ggcorrplot\_0.1.4.1

 [5] fields\_15.2        viridisLite\_0.4.2  spam\_2.10-0        huge\_1.3.5

 [9] igraph\_2.0.2       reshape2\_1.4.4     lubridate\_1.9.3    forcats\_1.0.0

[13] stringr\_1.5.1      dplyr\_1.1.4        purrr\_1.0.2        readr\_2.1.5

[17] tidyr\_1.3.1        tibble\_3.2.1       tidyverse\_2.0.0    scico\_1.5.0

[21] ggrepel\_0.9.5      ggplot2\_3.5.0      stm\_1.3.7

loaded via a namespace (and not attached):

 [1] dotCall64\_1.1-1    gtable\_0.3.4       xfun\_0.42          raster\_3.6-26

 [5] htmlwidgets\_1.6.4  lattice\_0.22-5     tzdb\_0.4.0         vctrs\_0.6.5

 [9] tools\_4.3.0        generics\_0.1.3     proxy\_0.4-27       fansi\_1.0.6

[13] pkgconfig\_2.0.3    Matrix\_1.6-5       KernSmooth\_2.23-22 checkmate\_2.3.1

[17] lifecycle\_1.0.4    compiler\_4.3.0     munsell\_0.5.0      terra\_1.7-71

[21] codetools\_0.2-19   htmltools\_0.5.7    maps\_3.4.2         class\_7.3-22

[25] pillar\_1.9.0       MASS\_7.3-60.0.1    classInt\_0.4-10    digest\_0.6.34

[29] tidyselect\_1.2.0   stringi\_1.8.3      sf\_1.0-15          fastmap\_1.1.1

[33] grid\_4.3.0         colorspace\_2.1-0   cli\_3.6.2          magrittr\_2.0.3

[37] utf8\_1.2.4         broom\_1.0.5        e1071\_1.7-14       withr\_3.0.0

[41] scales\_1.3.0       backports\_1.4.1    textNet\_0.1.0      sp\_2.1-3

[45] timechange\_0.3.0   matrixStats\_1.2.0  nnet\_7.3-19        gridExtra\_2.3

[49] hms\_1.1.3          knitr\_1.45         rlang\_1.1.3        Rcpp\_1.0.12

[53] glue\_1.7.0         DBI\_1.2.2          rstudioapi\_0.15.0  R6\_2.5.1

[57] plyr\_1.8.9         units\_0.8-5