

SARS-CoV-2 Northern California

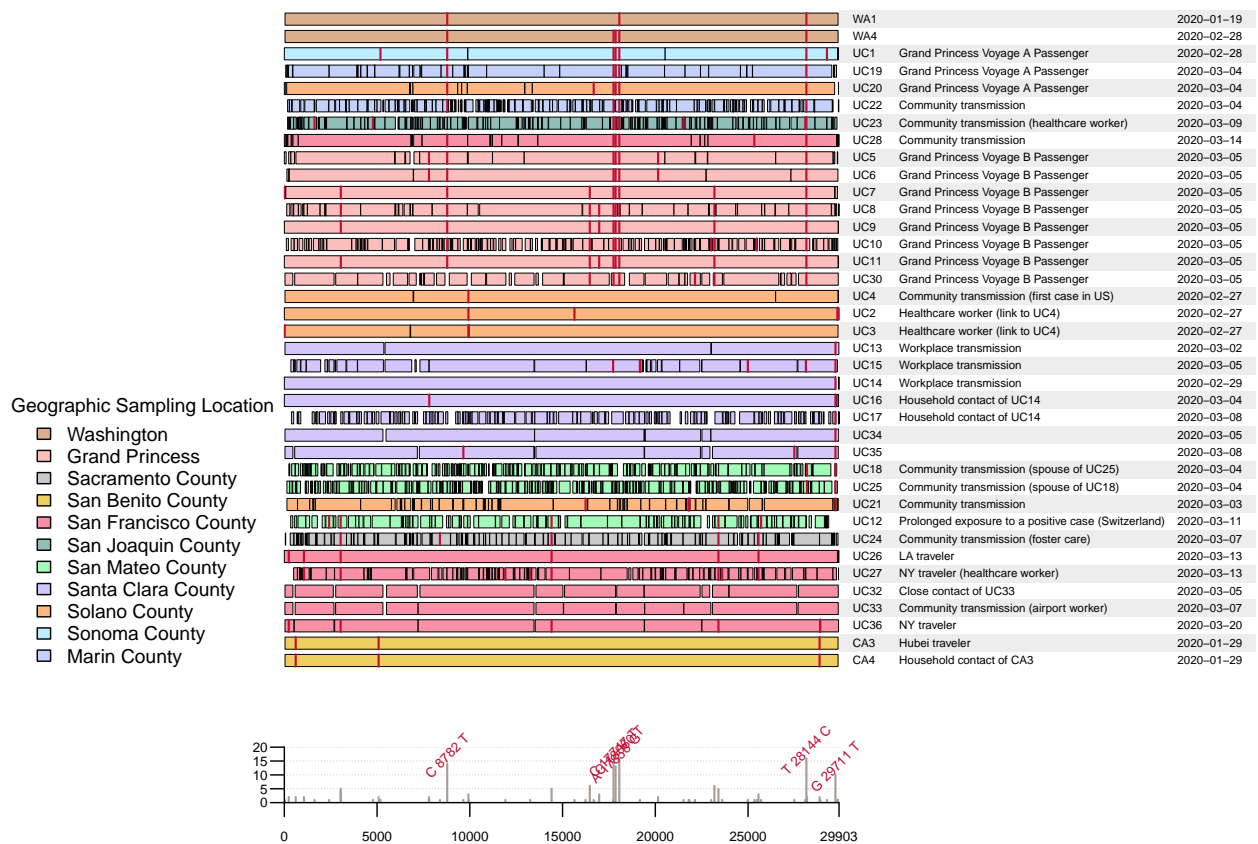
Figure data and plots

Louis du Plessis

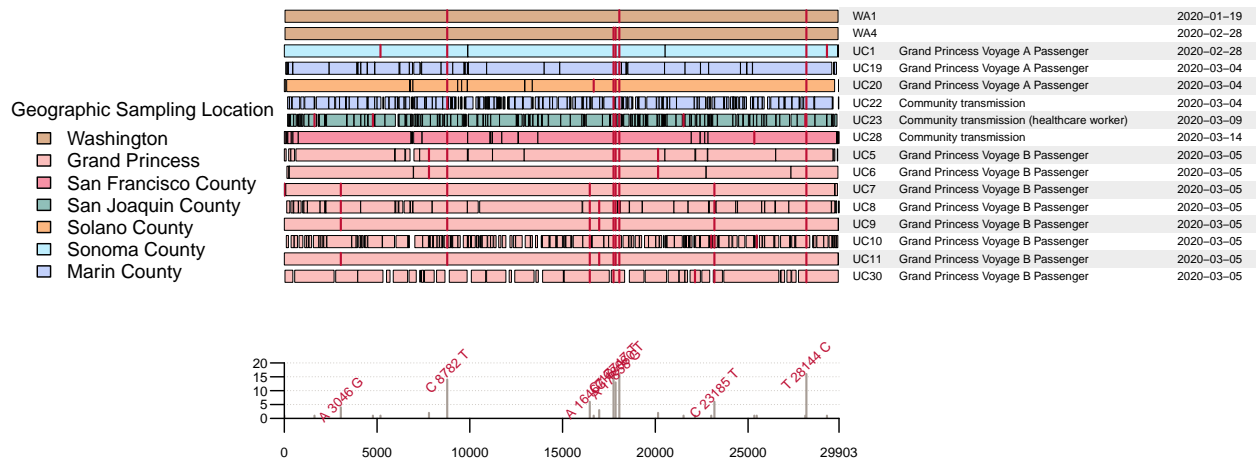
Last modified: 30 Apr 2020

Figures

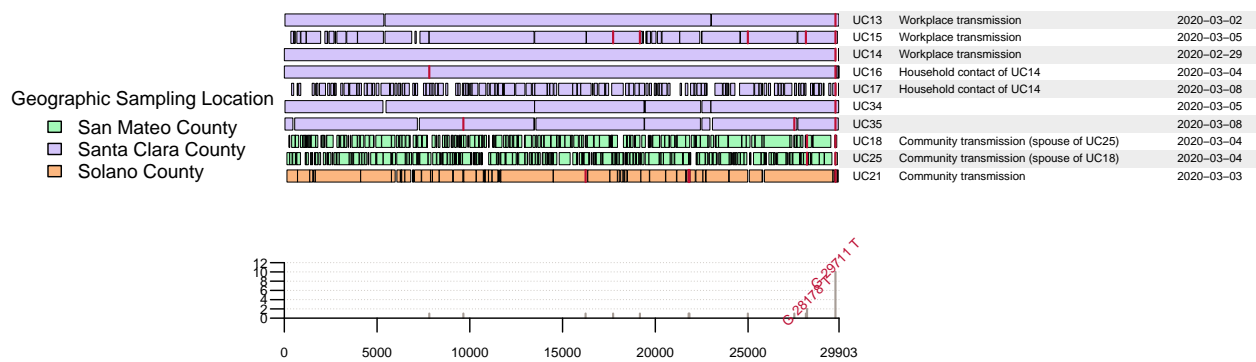
All California



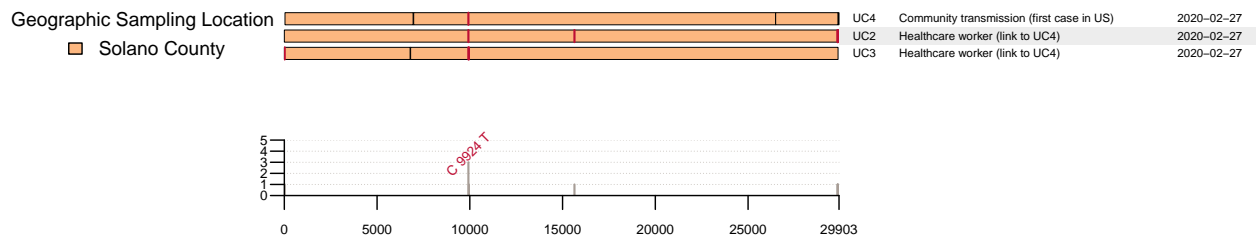
WA1 cluster



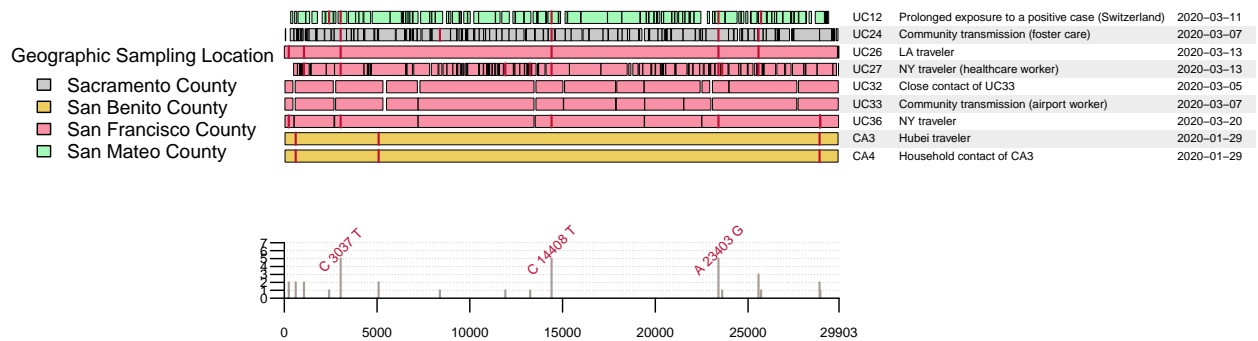
Santa Clara cluster



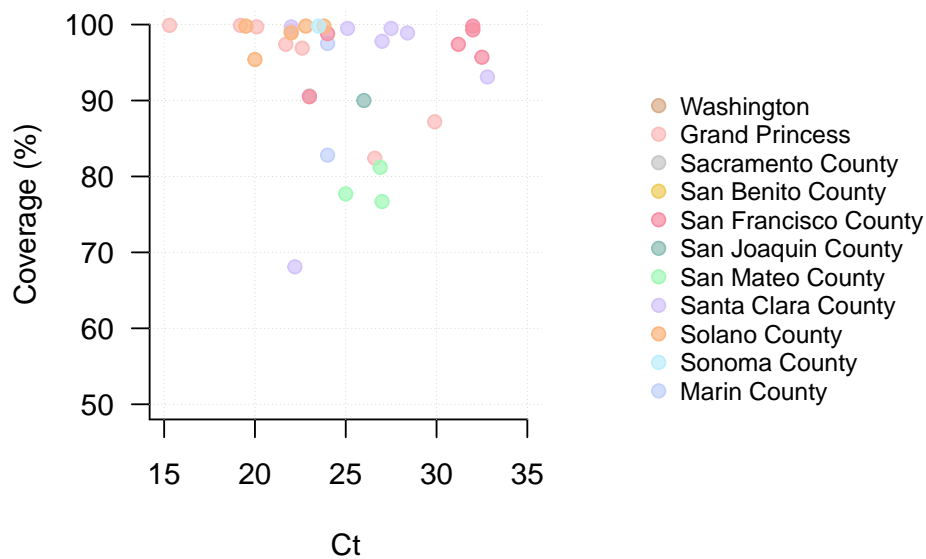
Solano cluster

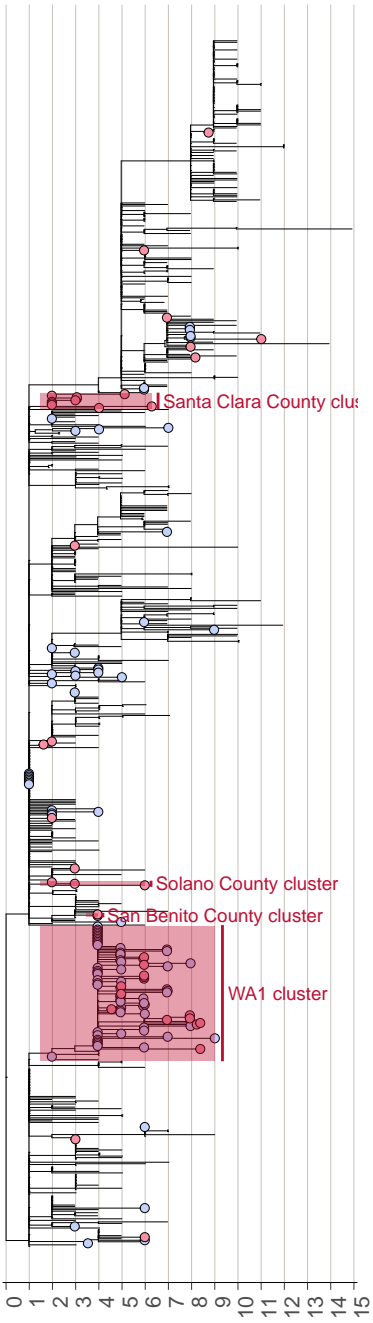


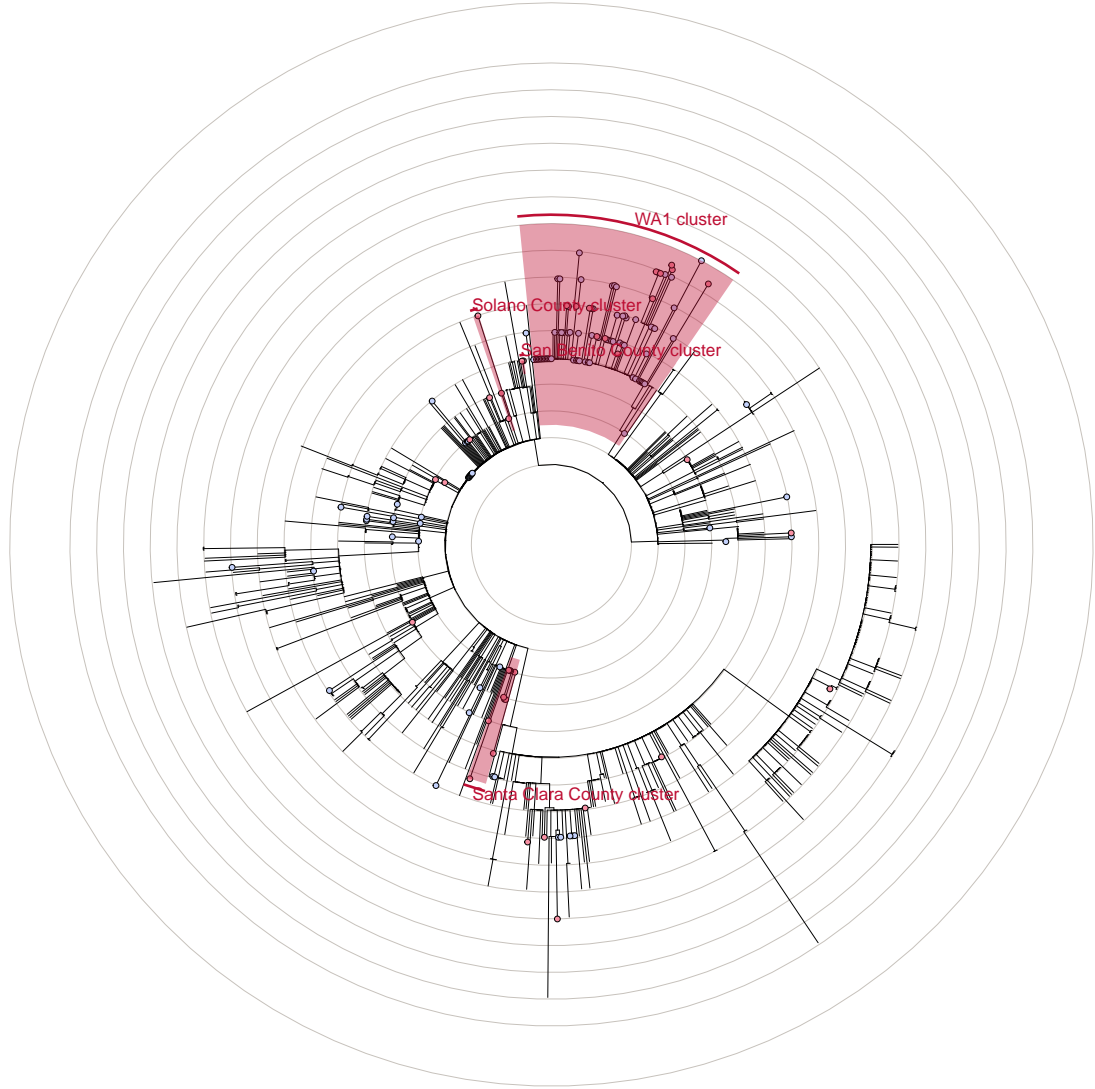
Unclustered

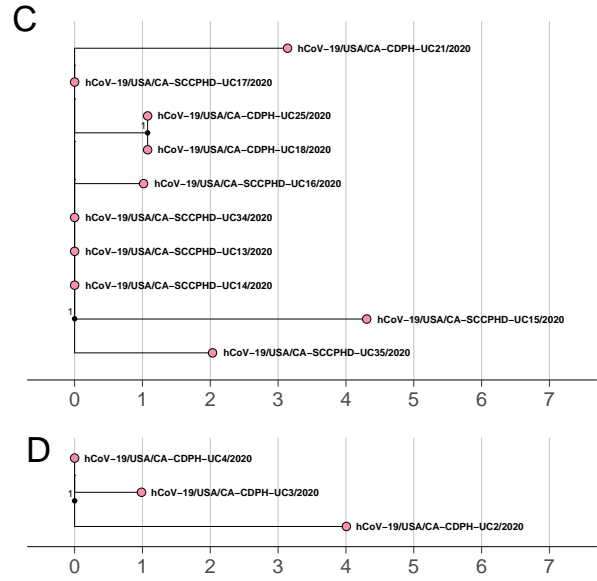
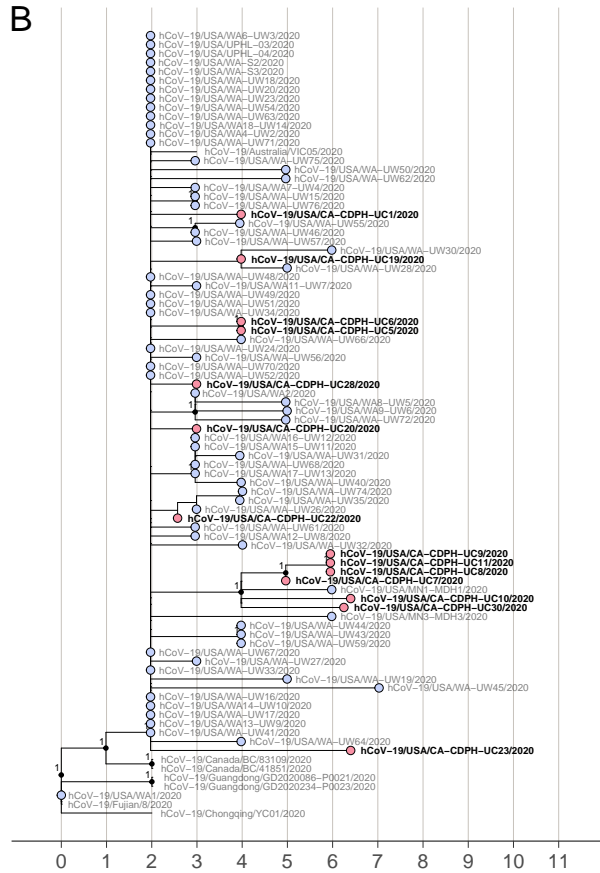


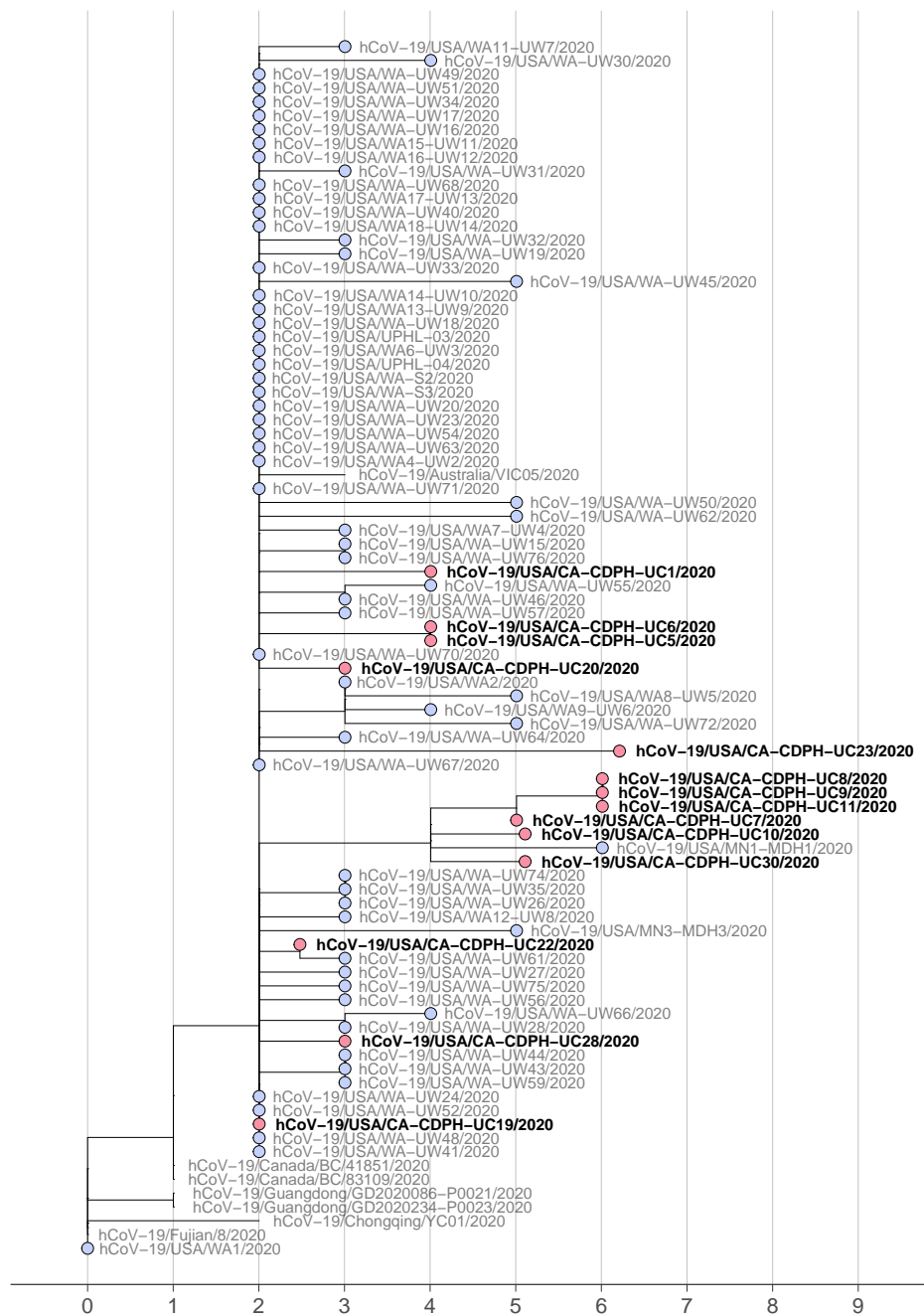
Ct vs Coverage











Session info

```
## R version 3.5.3 (2019-03-11)
## Platform: x86_64-apple-darwin15.6.0 (64-bit)
## Running under: macOS Mojave 10.14.6
##
## Matrix products: default
## BLAS: /Library/Frameworks/R.framework/Versions/3.5/Resources/lib/libRblas.0.dylib
## LAPACK: /Library/Frameworks/R.framework/Versions/3.5/Resources/lib/libRlapack.dylib
##
## locale:
## [1] en_GB.UTF-8/en_GB.UTF-8/en_GB.UTF-8/C/en_GB.UTF-8/en_GB.UTF-8
##
## attached base packages:
## [1] stats      graphics  grDevices  utils      datasets  methods   base
##
## other attached packages:
## [1] cowplot_1.0.0    beastio_0.2.2    lubridate_1.7.4  phytools_0.6-99
## [5] maps_3.3.0       ape_5.3          ggtree_2.1.1     ggplot2_3.2.1
## [9] treeio_1.11.2
##
## loaded via a namespace (and not attached):
## [1] Rcpp_1.0.3          lattice_0.20-38
## [3] tidyr_1.0.0         gtools_3.8.1
## [5] assertthat_0.2.1    zeallot_0.1.0
## [7] digest_0.6.23       R6_2.4.1
## [9] backports_1.1.5     evaluate_0.13
## [11] coda_0.19-3         pillar_1.4.3
## [13] rlang_0.4.2         lazyeval_0.2.2
## [15] phangorn_2.5.5      Matrix_1.2-15
## [17] combinat_0.0-8      rmarkdown_1.12
## [19] labeling_0.3        stringr_1.4.0
## [21] igraph_1.2.4.1      munsell_0.5.0
## [23] compiler_3.5.3      numDeriv_2016.8-1
## [25] xfun_0.6            pkgconfig_2.0.3
## [27] mnormt_1.5-5        htmltools_0.3.6
## [29] tidyselect_0.2.5    tibble_2.1.3
## [31] expm_0.999-4        quadprog_1.5-7
## [33] crayon_1.3.4        dplyr_0.8.3
## [35] withr_2.1.2         MASS_7.3-51.1
## [37] grid_3.5.3          nlme_3.1-137
## [39] jsonlite_1.6        gtable_0.3.0
## [41] lifecycle_0.1.0     magrittr_1.5
## [43] scales_1.1.0        tidytree_0.3.1
## [45] stringi_1.4.3       farver_2.0.1
## [47] scatterplot3d_0.3-41 rvcheck_0.1.7
## [49] vctrs_0.2.1         fastmatch_1.1-0
## [51] RColorBrewer_1.1-2  tools_3.5.3
## [53] glue_1.3.1          purrr_0.3.3
## [55] plotrix_3.7-6        parallel_3.5.3
## [57] yaml_2.2.0          colorspace_1.4-1
## [59] BiocManager_1.30.10 animation_2.6
## [61] clusterGeneration_1.3.4 knitr_1.22
```