Lab 3

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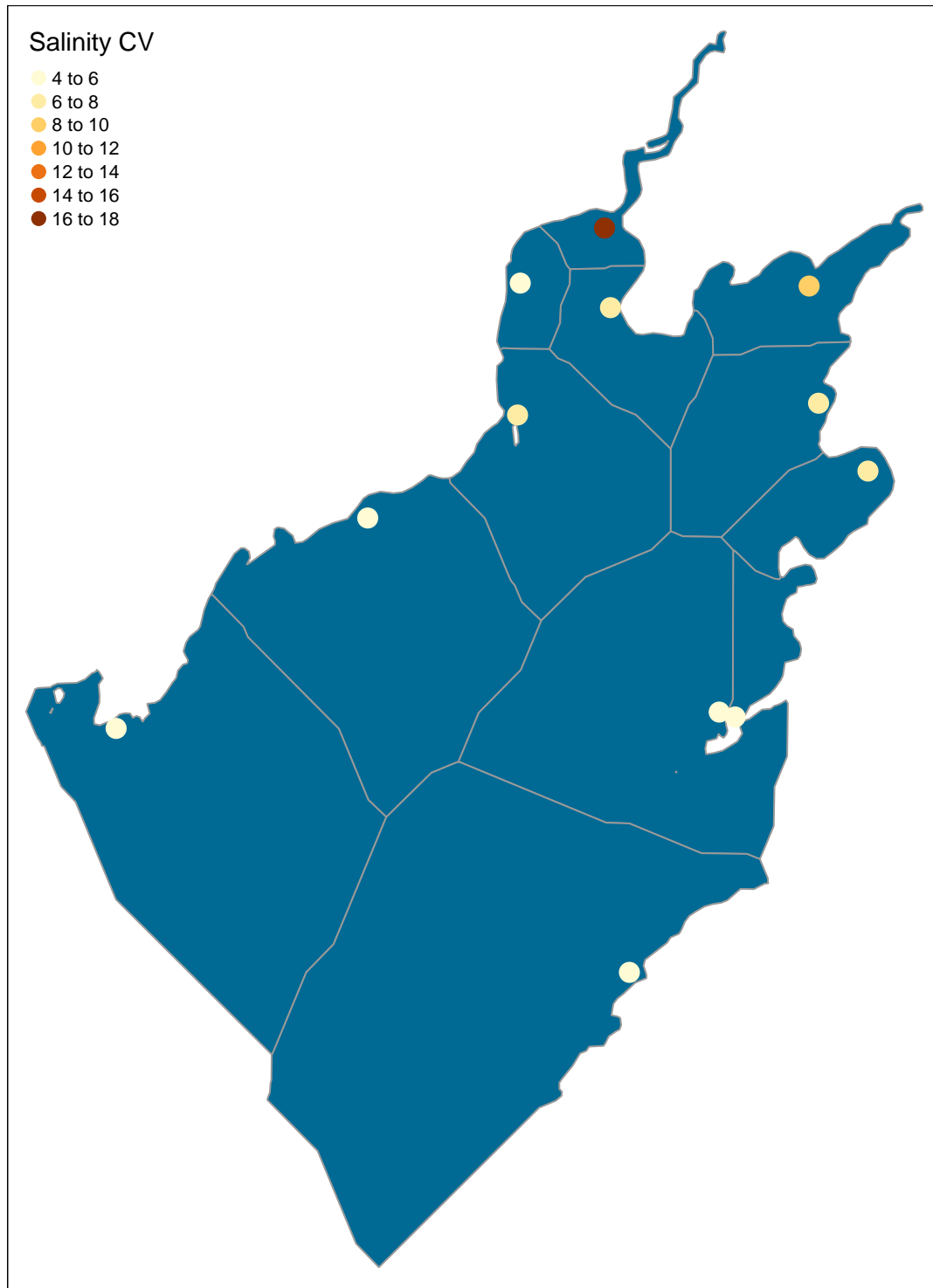
Data

station	Salinity CV	Temperature CV	geometry
WJ018.20	6.983197	52.97784	POINT (413476.8 4852997)
WJ019.00	7.842858	62.44749	POINT (414514.6 4852338)
WJ018.60	8.186264	51.51142	POINT (414277.3 4853084)
WJ018.90	6.493606	59.32185	POINT (414315.4 4852611)
WJ016.00	5.759679	60.21573	POINT (411484.3 4851300)
WJ017.80	5.879066	53.08523	POINT (413113.2 4853096)
WJ024.00	4.548763	52.10299	POINT (413979.1 4851346)
WJ022.00	5.399181	28.68714	POINT (413553 4850316)
WJ021.00	4.242632	52.61769	POINT (413915 4851366)
WJ018.00	17.400640	63.39419	POINT (413452.8 4853318)
WJ017.00	5.188928	57.77618	POINT (412498.3 4852149)
WJ017.50	6.707383	54.89864	POINT (413102.2 4852564)

Temperature CV

Temperature CV
- 25 to 30
- 30 to 35
- 35 to 40
- 40 to 45
- 45 to 50
- 50 to 55
- 55 to 60
- 60 to 65

Salinity CV

Salinity CV

- 4 to 6
- 6 to 8
- 8 to 10
- 10 to 12
- 12 to 14
- 14 to 16
- 16 to 18
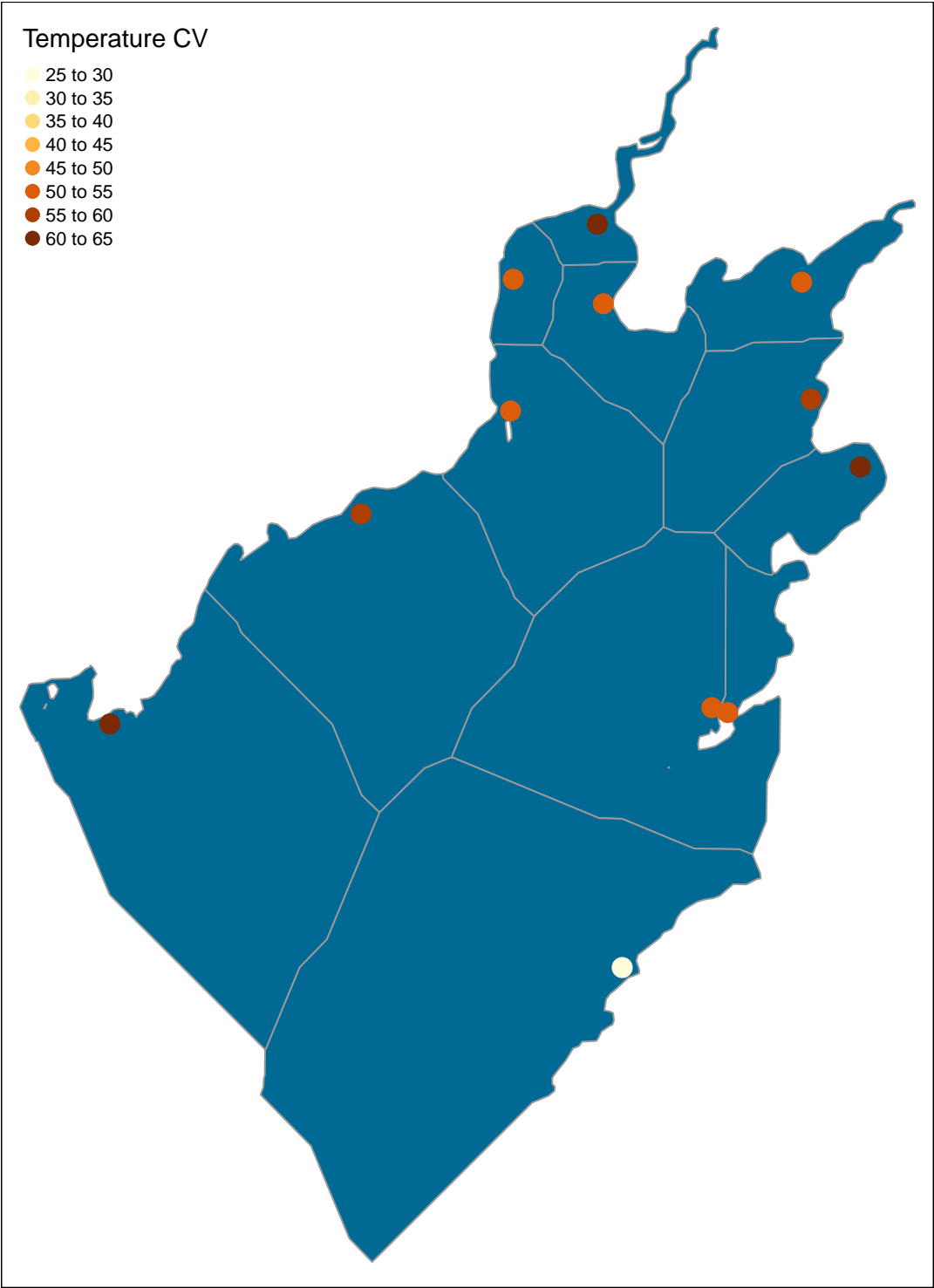
```r
sessionInfo()
```

```
## R version 3.6.2 (2019-12-12)
## Platform: x86_64-apple-darwin15.6.0 (64-bit)
## Running under: macOS Sierra 10.12.6
##
## Matrix products: default
## BLAS:    /Library/Frameworks/R.framework/Versions/3.6/Resources/lib/libRblas.0.dylib
## LAPACK: /Library/Frameworks/R.framework/Versions/3.6/Resources/lib/libRlapack.dylib
##
## locale:
## [1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US.UTF-8
##
## attached base packages:
## [1] stats     graphics  grDevices utils     datasets  methods   base
##
## other attached packages:
##  [1] rgdal_1.5-16    rebus_0.1-3     sp_1.4-2        sf_0.9-5
##  [5] tmap_3.1        here_0.1        lubridate_1.7.9 forcats_0.5.0
##  [9] stringr_1.4.0   dplyr_1.0.2     purrr_0.3.4     readr_1.3.1
## [13] tidyr_1.1.2     tibble_3.0.3    ggplot2_3.3.2   tidyverse_1.3.0
##
## loaded via a namespace (and not attached):
##  [1] fs_1.5.0               RColorBrewer_1.1-2   httr_1.4.2
##  [4] rprojroot_1.3-2        tools_3.6.2          backports_1.1.9
##  [7] R6_2.4.1               KernSmooth_2.23-17   DBI_1.1.0
## [10] rebus.base_0.0-3       colorspace_1.4-1     raster_3.3-13
## [13] withr_2.2.0            tidyselect_1.1.0     leaflet_2.0.3
## [16] compiler_3.6.2         leafem_0.1.3         cli_2.0.2
## [19] rvest_0.3.6            xml2_1.3.2           scales_1.1.1
## [22] classInt_0.4-3         digest_0.6.25        rebus.unicode_0.0-2
## [25] rmarkdown_2.3          base64enc_0.1-3      dichromat_2.0-0
## [28] pkgconfig_2.0.3        htmltools_0.5.0      highr_0.8
## [31] dbplyr_1.4.4           htmlwidgets_1.5.1    rlang_0.4.7
## [34] readxl_1.3.1           rstudioapi_0.11      generics_0.0.2
## [37] jsonlite_1.7.0         crosstalk_1.1.0.1    magrittr_1.5
## [40] Rcpp_1.0.5             munsell_0.5.0        fansi_0.4.1
## [43] abind_1.4-5            lifecycle_0.2.0      stringi_1.4.6
## [46] leafsync_0.1.0         yaml_2.2.1           tmaptools_3.1
## [49] grid_3.6.2             blob_1.2.1           parallel_3.6.2
## [52] crayon_1.3.4           rebus.datetimes_0.0-1 lattice_0.20-41
## [55] stars_0.4-3            haven_2.3.1          hms_0.5.3
## [58] knitr_1.29             pillar_1.4.6         rebus.numbers_0.0-1
## [61] codetools_0.2-16       reprex_0.3.0         XML_3.99-0.3
## [64] glue_1.4.2             evaluate_0.14        modelr_0.1.8
## [67] vctrs_0.3.4            png_0.1-7            cellranger_1.1.0
## [70] gtable_0.3.0           assertthat_0.2.1     xfun_0.16
## [73] lwgeom_0.2-5           broom_0.7.0          e1071_1.7-3
## [76] class_7.3-17           viridisLite_0.3.0    units_0.6-7
## [79] ellipsis_0.3.1
```