Crosswalks - Example

Datasets

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Contents

Preamble

```
rm(list = ls())
pklist <- c("curl", "tidyverse", "readstata13", "foreign", "gdata")
source("https://fgeerolf.github.io/datasets/load-packages.R")
options(tibble.print_max = 100)
```

Geographic Crosswalks

```
load("county.to.cz.RData")
county.to.cz %>%
  head
```

```
##   czone fips
## 1 11101 1001
## 2 11001 1003
## 3 10301 1005
## 4 10801 1007
## 5 10700 1009
## 6  9800 1011
```

```
load("fips.statenames.xwalk.RData")
fips.statenames.xwalk %>%
  head
```

```
##   fips   statename irscode stateabbrev statenames1 statenames2 statenames3
## 1    1     Alabama       1          AL     Alabama     Alabama        alab
## 2    2      Alaska       2          AK      Alaska      Alaska        alas
## 3    4     Arizona       3          AZ     Arizona     Arizona        ariz
## 4    5    Arkansas       4          AR    Arkansas    Arkansas        arka
## 5    6  California       5          CA  California  California        cali
## 6    8    Colorado       6          CO    Colorado    Colorado        colo
##   statenames4 statenames5 statenames6 statenames7
## 1        alab        Alab          AL          al
## 2        alas        Alas          AK          ak
## 3        ariz        Ariz          AZ          az
```

```
## 4         arka        Arka         AR          ar
## 5         cali        Cali         CA          ca
## 6         colo        Colo         CO          co
```

Computing Environment

```
Sys.time()
```

```
## [1] "2018-10-09 13:55:22 PDT"
```

```
sessionInfo()
```

```
## R version 3.5.1 (2018-07-02)
## Platform: x86_64-apple-darwin15.6.0 (64-bit)
## Running under: macOS High Sierra 10.13.6
##
## 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_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] gdata_2.18.0     foreign_0.8-70    readstata13_0.9.2
##  [4] forcats_0.3.0    stringr_1.3.1     dplyr_0.7.6
##  [7] purrr_0.2.5      readr_1.1.1       tidyr_0.8.1
## [10] tibble_1.4.2     ggplot2_3.0.0     tidyverse_1.2.1
## [13] curl_3.2
##
## loaded via a namespace (and not attached):
##  [1] Rcpp_0.12.18     cellranger_1.1.0 pillar_1.3.0     compiler_3.5.1
##  [5] plyr_1.8.4       bindr_0.1.1      tools_3.5.1      digest_0.6.15
##  [9] lubridate_1.7.4  jsonlite_1.5     evaluate_0.11    nlme_3.1-137
## [13] gtable_0.2.0     lattice_0.20-35  pkgconfig_2.0.2  rlang_0.2.2
## [17] cli_1.0.0        rstudioapi_0.7   yaml_2.2.0       haven_1.1.2
## [21] bindrcpp_0.2.2   withr_2.1.2      xml2_1.2.0       httr_1.3.1
## [25] knitr_1.20       gtools_3.8.1     hms_0.4.2        rprojroot_1.3-2
## [29] grid_3.5.1       tidyselect_0.2.4 glue_1.3.0       R6_2.2.2
## [33] readxl_1.1.0     rmarkdown_1.10   modelr_0.1.2     magrittr_1.5
## [37] backports_1.1.2  scales_1.0.0     htmltools_0.3.6  rvest_0.3.2
## [41] assertthat_0.2.0 colorspace_1.3-2 stringi_1.2.4    lazyeval_0.2.1
## [45] munsell_0.5.0    broom_0.5.0      crayon_1.3.4
```