

```
1 library(mapproj)
2 library(choroplethrMaps)
3 library(ggplot2)
4 library(dplyr)
5 library(choroplethr)
6
7
8
9 memory.limit(size = 4000000000000)
10
11 load("H:/2014-working-files/da36373-0001_REST.rda")
12 data <- da36373.0001
13 rm("da36373.0001")
14
15 load("H:/2014-working-files/da36373-0002_REST.rda")
16 widows <- da36373.0002
17 rm("da36373.0002")
18
19
20 # remove extra columns, select only admissions
21 widowAdmits <- rename(widows, PRISON_COUNTY = COUNTY, OFFENSE_1_COUNT = OFFENSE_COUNT_1,
22 OFFENSE_2_COUNT = OFFENSE_COUNT_2, OFFENSE_3_COUNT = OFFENSE_COUNT_3) %>%
23   select(-RPTYEAR) %>%
24   filter(RECORD_TYPE == '(1) 1. Prison Admissions (A)') %>%
25   select(-RECORD_TYPE) %>%
26   #mutate(ABT_INMATE_ID = -1, TERM_TYPE = -1, PRISON_TERM_ADJUSTMENT_FLAG = -1,
27   PRISON_TERM_ADJUSTMENT_RULE = -1, PRISON_TERM_ADJUSTMENT_TYPE = -1)
28
29 # remove extra columns
30 dataTrimmed <- data %>%
31   select(-ABT_INMATE_ID) %>%
32   select(-TERM_TYPE) %>%
33   select(-PRISON_TERM_ADJUSTMENT_FLAG) %>%
34   select(-PRISON_TERM_ADJUSTMENT_RULE) %>%
35   select(-PRISON_TERM_ADJUSTMENT_TYPE)
36
37 ##merge files
38 allData <- bind_rows(dataTrimmed, widowAdmits)
39
40 ##only keep a few columns
41 keep <- c("STATE_CODE", "PRISON_COUNTY", "PRISON_ADMISSION_DATE",
42 "PRISON_ADMISSION_TYPE", "PRISON_RELEASE_DATE", "BJS_OFFENSE_1", "BJS_OFFENSE_2",
43 "BJS_OFFENSE_3", "PROJ_PRISON_RELEASE_DATE", "DATE_OF_BIRTH", "HISPANIC", "RACE", "SEX",
44 "HIGHEST_GRADE", "OFFENSE_1_SENTENCE")
45 admits <- allData[, keep]
46
47 #clean up
48 rm('allData')
49 rm('data')
50 rm('dataTrimmed')
51 rm('widowAdmits')
52 rm('widows')
```