> library("googleVis", lib.loc="~/R/win-library/3.2")

Welcome to googleVis version 0.5.10

Please read the Google API Terms of Use

before you start using the package:

https://developers.google.com/terms/

Note, the plot method of googleVis will by default use

the standard browser to display its output.

See the googleVis package vignettes for more details,

or visit http://github.com/mages/googleVis.

To suppress this message use:

suppressPackageStartupMessages(library(googleVis))

> library(googleVis)

> make.state.abbreviation <- function(x) {switch(x,

+ "Alaska" = "AK", "Alabama" = "AL", "Arkansas" = "AR",

+ "Arizona" = "AZ", "California" = "CA",

+ "Colorado" = "CO", "Connecticut" = "CT", "District of Columbia" = "DC",

+ "Delaware" = "DE", "Florida" = "FL",

+ "Georgia" = "GA", "Hawaii" = "HI", "Iowa" = "IA",

+ "Idaho" = "ID", "Illinois" = "IL", "Indiana" = "IN",

+ "Kansas" = "KS", "Kentucky" = "KY", "Louisiana" = "LA",

+ "Massachusetts" = "MA", "Maryland" = "MD", "Maine" = "ME",

+ "Michigan" = "MI", "Minnesota" = "MN", "Missouri" = "MO",

+ "Mississippi" = "MS", "Montana" = "MT",

+ "North Carolina" = "NC", "North Dakota" = "ND",

+ "Nebraska" = "NE", "New Hampshire" = "NH", "New Jersey" = "NJ",

+ "New Mexico" = "NM", "Nevada" = "NV", "New York" = "NY",

+ "Ohio" = "OH", "Oklahoma" = "OK", "Oregon" = "OR",

+ "Pennsylvania" = "PA", "Rhode Island" = "RI", "South Carolina" = "SC", "South Dakota" = "SD",

+ "Tennessee" = "TN", "Texas" = "TX","Utah" = "UT", "Virginia" = "VA", "Vermont" = "VT",

+ "Washington" = "WA", "Wisconsin" = "WI", "West Virginia" = "WV", "Wyoming" = "WY", "")}

> my.data.frame <- read.csv("LSAT\_Scores\_by\_School.csv", header = TRUE)

Error in file(file, "rt") : cannot open the connection

In addition: Warning message:

In file(file, "rt") :

cannot open file 'LSAT\_Scores\_by\_School.csv': No such file or directory

> setwd("C:/Users/crmo/Desktop/Northwestern Stuff/Data Visualization/Assignment4/LSAT Code")

> my.data.frame <- read.csv("LSAT\_Scores\_by\_School.csv", header = TRUE)

> my.data.frame$State <- as.character(my.data.frame$State)

> my.data.frame$state <- rep("", length = nrow(my.data.frame))

> for(index.for.state in seq(along = my.data.frame$State))

+ my.data.frame$state[index.for.state] <- make.state.abbreviation(my.data.frame$State[index.for.state])

> print(my.data.frame[,c("State", "state")])

State state

1 Connecticut CT

2 Massachusetts MA

3 California CA

4 New York NY

5 Illinois IL

6 North Carolina NC

7 Pennsylvania PA

8 Virginia VA

9 District of Columbia DC

10 Michigan MI

11 Tennessee TN

12 South Carolina SC

13 Texas TX

14 Washington WA

15 Georgia GA

16 Alabama AL

17 Minnesota MN

18 Indiana IN

19 Arizona AZ

20 Colorado CO

21 Iowa IA

22 Utah UT

23 Wisconsin WI

24 Florida FL

25 Louisiana LA

26 Ohio OH

27 Alaska AK

28 Arkansas AR

29 Delaware DE

30 Hawaii HI

31 Idaho ID

32 Kansas KS

33 Kentucky KY

34 Maine ME

35 Maryland MD

36 Mississippi MS

37 Missouri MO

38 Montana MT

39 Nebraska NE

40 Nevada NV

41 New Hampshire NH

42 New Jersey NJ

43 New Mexico NM

44 North Dakota ND

45 Oklahoma OK

46 Oregon OR

47 Rhode Island RI

48 South Dakota SD

49 Vermont VT

50 West Virginia WV

51 Wyoming WY

> my.value.gradient <- c(min(my.data.frame$Average.LSAT),

+ median(my.data.frame$Average.LSAT),

+ max(my.data.frame$Average.LSAT))

> print(my.value.gradient)

[1] 0 160 173

> javascript.us.map.object <- gvisGeoChart(my.data.frame, "state", "SAT", options=list(region="US",

+ displayMode="regions", resolution="provinces", colorAxis = "{values: [0, 160, 173], colors: [\'coral', \'lightgray', \'blue']}", width=700, height=500))

Error in data.frame(state = c("CT", "MA", "CA", "NY", "IL", "NC", "PA", :

arguments imply differing number of rows: 51, 0

> javascript.us.map.object <- gvisGeoChart(my.data.frame, "state", "SAT",

+ options=list(region="US",

+ displayMode="regions",

+ resolution="provinces",

+ colorAxis = "{values: [0, 160, 173], colors: [\'coral', \'lightgray', \'blue']}",

+ width=700, height=500))

Error in data.frame(state = c("CT", "MA", "CA", "NY", "IL", "NC", "PA", :

arguments imply differing number of rows: 51, 0

> plot(javascript.us.map.object)

Error in plot(javascript.us.map.object) :

object 'javascript.us.map.object' not found

> my.data.frame <- read.csv("LSAT\_Scores\_by\_School.csv", header = TRUE)

> javascript.us.map.object <- gvisGeoChart(my.data.frame, "state", "Average LSAT",

+ options=list(region="US",

+ displayMode="regions",

+ resolution="provinces",

+ colorAxis = "{values: [0, 160, 173], colors: [\'coral', \'lightgray', \'blue']}",

+ width=700, height=500))

> plot(javascript.us.map.object)