> library("googleVis", lib.loc="/Library/Frameworks/R.framework/Versions/2.15/Resources/library")

Loading required package: RJSONIO

Welcome to googleVis version 0.2.17

Please read the Google API Terms of Use

before you use the package:

http://code.google.com/apis/terms/index.html

Type ?googleVis to access the overall documentation and

vignette('googleVis') for the package vignette.

You can execute a demo of the package via: demo(googleVis)

More information is available on the googleVis project web-site:

http://code.google.com/p/google-motion-charts-with-r/

Contact: <rvisualisation@gmail.com>

To suppress the this message use:

suppressPackageStartupMessages(library(googleVis))

> sat<-read.csv(file.choose())

> head(sat)

State Percentage.taking.SAT SAT.Verbal SAT.Mathematics SAT.Total

1 Alabama 10 559 552 1111

2 Alaska 55 518 518 1036

3 Arizona 38 524 525 1049

4 Arkansas 6 564 554 1118

5 California 54 499 519 1018

6 Colorado 27 551 553 1104

> math=data.frame(sat$ercentage.taking.SAT,sat$SAT.Mathematics)

Error in data.frame(sat$ercentage.taking.SAT, sat$SAT.Mathematics) :

arguments imply differing number of rows: 0, 51

> math=data.frame(sat$percentage.taking.SAT,sat$SAT.Mathematics)

Error in data.frame(sat$percentage.taking.SAT, sat$SAT.Mathematics) :

arguments imply differing number of rows: 0, 51

> math=data.frame(sat$Percentage.taking.SAT,sat$SAT.Mathematics)

> G=gvisScatterChart(math)

> plot(G)

> G=gvisScatterChart(math,options=list(legend="none",

+ lineWidth=2, pointSize=0,

+ title="SAT Mathematics Averages by States and Percentage of Students Taking SAT", vAxis="{title:'SAT Mathematics Averages'}",

+ hAxis="{title:'Percentage of Students Taking SAT'}", width=300, height=300))

> plot(G)

> G=gvisScatterChart(math,options=list(legend="none",

+ title="SAT Mathematics Averages by States and Percentage of Students Taking SAT", vAxis="{title:'SAT Mathematics Averages'}",

+ hAxis="{title:'Percentage of Students Taking SAT'}", width=300, height=300))

> plot(G)

> G=gvisScatterChart(math,options=list(legend="none",

+ title="SAT Mathematics Averages by States and Percentage of Students Taking SAT", vAxis="{title:'SAT Mathematics Averages'}",

+ hAxis="{title:'Percentage of Students Taking SAT'}"))

> plot(G)

> attach(sat)

> math=data.frame(Percentage.taking.SAT,SAT.Mathematics)

> G=gvisScatterChart(math,options=list(legend="none",

+ title="SAT Mathematics Averages by States and Percentage of Students Taking SAT", vAxis="{title:'SAT Mathematics Averages'}",

+ hAxis="{title:'Percentage of Students Taking SAT'}"))

> plot(G)

> plot(G)

> M <- gvisGeoChart(sat, "State", "Percentage.taking.SAT", options=list(width=210, height=100))

> plotM

Error: object 'plotM' not found

> plot(M)

> plot(M)

> M <- gvisGeoChart(sat, "State", "Percentage.taking.SAT", options=list(options=list(region='US',width=210, height=100))

+ M <- gvisGeoChart(sat, "State", "Percentage.taking.SAT", options=list(region='US'width=210, height=100))

Error: unexpected symbol in:

"M <- gvisGeoChart(sat, "State", "Percentage.taking.SAT", options=list(options=list(region='US',width=210, height=100))

M"

> M <- gvisGeoChart(sat, "State", "Percentage.taking.SAT", options=list(region='US',width=210, height=100))

> plot(M)

> Percentage.taking.SAT

[1] 10 55 38 6 54 27 84 73 77 61 66 54 18 11 63 5 9 13 8 70 68 82 11 10 4 8 26 8

[29] 36 75 85 14 82 68 4 28 8 57 73 74 59 4 14 57 7 70 71 56 20 7 11

> M <- gvisGeoChart(sat, "State", "Percentage.taking.SAT", options=list(region='US'))

> plot(M)

> M <- gvisIntensityMap(sat, "State", "Percentage.taking.SAT", options=list(region='US'))

> plot(M)

> plot(M)

> plot(M)

> M <- gvisGeoChart(sat, "State", "Percentage.taking.SAT", options=list(region='US'))

> plot(M)

> M <- gvisGeoChart(sat, "State", "Percentage.taking.SAT", options=list(region='US',displayMode="regions", resolution="provinces"))

> plot(M)

> M2 <- gvisGeoChart(sat, "State", "SAT.Mathematics", options=list(region='US',displayMode="regions", resolution="provinces"))

> plot(M2)

> M2 <- gvisGeoChart(sat, "State", "SAT.Mathematics", options=list(region='US',displayMode="regions", resolution="provinces",colorAxis="{colors:['red', 'grey']}"))

> plot(M2)

> M2 <- gvisGeoChart(sat, "State", "SAT.Mathematics", options=list(region='US',displayMode="regions", resolution="provinces",colorAxis="{colors:['red']}"))

> plot(M2)

> M2 <- gvisGeoChart(sat, "State", "SAT.Mathematics", options=list(region='US',displayMode="regions", resolution="provinces",colorAxis="{colors:['blue']}"))

> plot(M2)

> plot(M)

> mm2=gvisMerge(M,M2,horizontal=FALSE)

> plot(mm2)

> M2 <- gvisGeoChart(sat, "State", "SAT.Mathematics", options=list(region='US',displayMode="regions", resolution="provinces",colorAxis="{colors:['blue']}",title="SAT Mathematics Averages by States"))

> plot(M2)

> M2 <- gvisGeoChart(sat, "State", "SAT.Mathematics", options=list(region='US',displayMode="regions", resolution="provinces",colorAxis="{colors:['blue']}",hovervar="Percentage.taking.SAT"))

> plot(M2)

> M2 <- gvisGeoChart(sat, "State", "SAT.Mathematics", options=list(region='US',displayMode="regions", resolution="provinces",colorAxis="{colors:['blue']}"))

> plot(M2)

> plot(M)

> sat=read.csv(file.choose())

> M2 <- gvisGeoChart(sat, "State", "SAT.Mathematics", options=list(region='US',displayMode="regions", resolution="provinces",colorAxis="{colors:['blue']}"))

> plot(M2)

> M <- gvisGeoChart(sat, "State", "Percentage.taking.SAT", options=list(region='US',displayMode="regions", resolution="provinces"))

> plot(M)

> attach(sat)

The following object(s) are masked from 'sat (position 3)':

Percentage.taking.SAT, SAT.Mathematics, SAT.Total, SAT.Verbal, State

> math=data.frame(Percentage.taking.SAT,SAT.Mathematics)

> G=gvisScatterChart(math,options=list(legend="none",

+ + title="SAT Mathematics Averages by States and Percentage of Students Taking SAT", vAxis="{title:'SAT Mathematics Averages'}",

Error: unexpected '=' in:

"G=gvisScatterChart(math,options=list(legend="none",

+ title="

> + hAxis="{title:'Percentage of Students Taking SAT'}"))

Error: unexpected ')' in " + hAxis="{title:'Percentage of Students Taking SAT'}")"

> G=gvisScatterChart(math,options=list(legend="none",

+ title="SAT Mathematics Averages by States and Percentage of Students Taking SAT", vAxis="{title:'SAT Mathematics Averages'}",

+ hAxis="{title:'Percentage of Students Taking SAT'}"))

> plot(G)

> mm2=gvisMerge(M,M2,horizontal=FALSE)

> plot(mm2)

> mm2g=gvisMerge(mm2,G,horizontal=TRUE)

> plot(mm2g)

> mm2g=gvisMerge(mm2,G,horizontal=TRUE,tableOptions="bgcolor=\"#CCCCCC\" cellspacing=10")

> plot(mm2g)

> M <- gvisGeoChart(sat, "State", "Percentage.taking.SAT", options=list(region='US',displayMode="regions", resolution="provinces",width=300))

> plotM

Error: object 'plotM' not found

> plot(M)

> M <- gvisGeoChart(sat, "State", "Percentage.taking.SAT", options=list(region='US',displayMode="regions", resolution="provinces",width=500))

> plot(M)

> M2 <- gvisGeoChart(sat, "State", "SAT.Mathematics", options=list(region='US',displayMode="regions", resolution="provinces",colorAxis="{colors:['blue']}",width=500))

> plot(M2)

> mm2=gvisMerge(M,M2,horizontal=FALSE)

> mm2g=gvisMerge(mm2,G,horizontal=TRUE)

> plot(mm2g)

> mm2g=gvisMerge(mm2,G,horizontal=TRUE,tableOptions="bgcolor=\"#CCCCCC\" cellspacing=10")

> plot(mm2g)