



Universidad Autónoma del Estado de Hidalgo

Instituto de Ciencias Económico Administrativas

DCEA

**Temas Selectos III:
Análisis de Datos**

R Notebook

Laboratorio

53

PHeatmap en R

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JAGS_LAB53 PHEATMAP

Hecho con gusto por Juan Antonio González Sierra

Materia: Temas Selectos III Análisis de Datos

Docente: Carla Carolina Pérez Hernández

1. Instalar los siguientes paquetes

```
install.packages("visNetwork")

install.packages("htmlwidgets")

install.packages("igraph")

install.packages("reshape")

install.packages("Matrix")

install.packages("RSiena")

install.packages("networkD3")

install.packages("curl")

install.packages("devtools")

library(devtools)

devtools::install_github("PABalland/EconGeo", force = T)

install.packages("pheatmap")

install.packages("viridisLite")
```

2. Llamar paquetes

<http://econ.geo.uu.nl/peeg/peeg1709.pdf>

```
library (EconGeo)

##
## Please cite EconGeo in publications as:

## Balland, P.A. (2017) Economic Geography in R: Introduction to the EconGeo Package, Papers in Evolutionary Eco
nomic Geography, 17 (09): 1-75

library(pheatmap)

## Warning: package 'pheatmap' was built under R version 3.5.3

library(viridis)

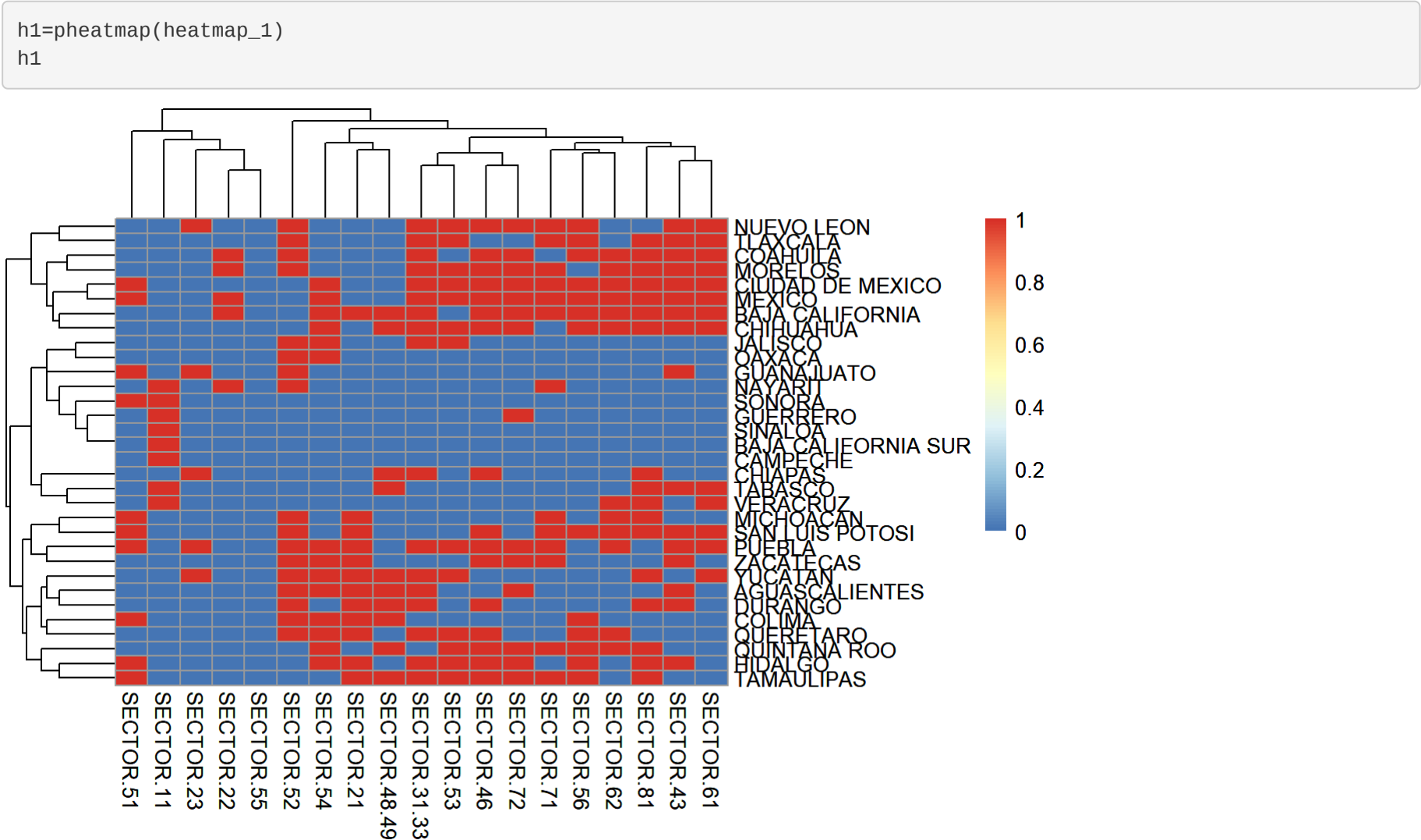
## Loading required package: viridisLite
```

3 OBTENER HEATMAP DE LA MATRIZ RCA BINARIA

```
file.choose()

heatmap_1 <- as.matrix(
  read.csv("C:\\Users\\jagon\\Desktop\\Doctorado\\4to semestre\\Modulo 2\\Laboratorios\\JAGS_LAB53 Heatmap\\JAGS_
LAB53\\Inputs\\RCABIN.csv" ,
    sep = "," ,
    header = T,
    row.names = 1))
```

Graficando con pheatmap!



Cambiar color del heatmap

```
colorz <- c('white', 'navy blue')

h2=pheatmap(heatmap_1, fontsize = 6, cluster_rows = T, cluster_cols = F, treeheight_row = 1, treeheight_col = 0,
  main = "", fontsize = 12, annotation_legend = FALSE, display_numbers = FALSE,
  fontsize_number = 6, col = colorz)

h2
```

