

Title of Document

Author Name

February 28, 2014

1 Heatmap

We show how to create a simple heatmap using generated random numbers in R. First we generate some random numbers and some labels.

```
> library(graphics)
> N <- 10
> M <- 5
> mat <- matrix(rnorm(M*N), N)
> rowLabels <- paste("r",1:N,sep="")
> colLabels <- paste("c",1:M,sep="")
```

Then we plot.

```
> pdf("example_heatmap.pdf",height=6,width=6)
> hmap <- heatmap(mat, Rowv=NA, Colv=NA,main='A title',
+               col = heat.colors(256), scale="column",margins=c(3,3),
+               labCol=colLabels, labRow=rowLabels)
> dev.off()
```

null device

1

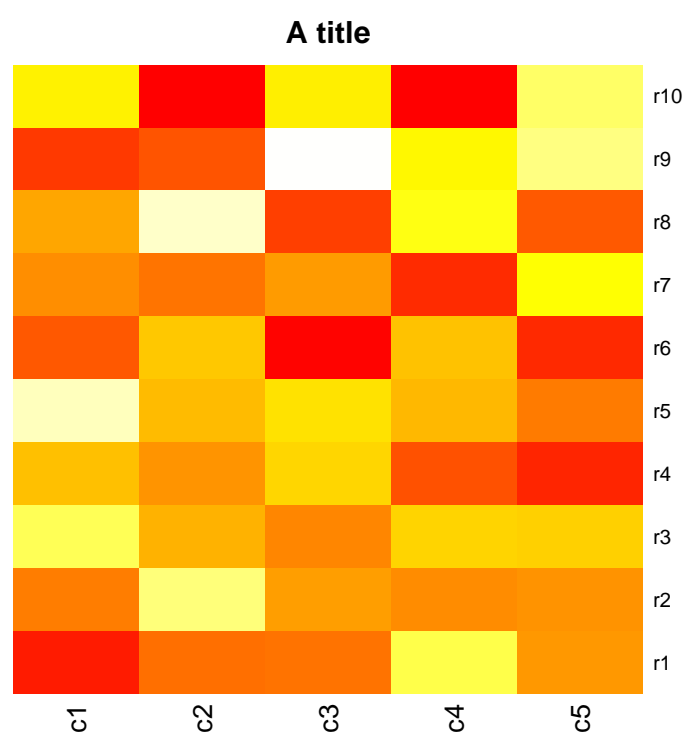


Figure 1: This is the figure caption