DataFest 2017

Chapel-Boys.R 4/1/2017

R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
load(file="dest_sub.RData")
apply(dest_sub ,2,mean)
apply(dest_sub, 2, var)
```

Including Plots

You can also embed plots, for example:

```
pca.out=prcomp(dest_sub, scale=TRUE)
#pca.out
names(pca.out)
## [1] "sdev"
                   "rotation" "center"
                                                       "x"
                                           "scale"
biplot(pca.out, scale=0)
                                 0.2
                                            0.4
          -0.2
                      0.0
                                                      0.4
     30
     20
                                                      0.2
PC2
      10
      0
              -10
                       0
                              10
                                     20
                                            30
```

PC1

Note that the $\mbox{echo} = \mbox{FALSE}$ parameter was added to the code chunk to prevent printing of the R code that generated the plot.