lab 1 useful commands-1

Wednesday, December 24, 2014

#### 1)read in table

present=read.table("http://s3.amazonaws.com/assets.datacamp.com/course/dasi/present.txt")

#### 2)count the rows and columns

size=dim(present)

#### 3)find the max value

ind=which.max(present$boys+present$girls)  
present$year[ind]

## [1] 1961

#### 4)directly compare the vectors

com\_result=present$boys>present$girls  
com\_result

## [1] TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE  
## [15] TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE  
## [29] TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE  
## [43] TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE  
## [57] TRUE TRUE TRUE TRUE TRUE TRUE TRUE

#### 5)absolute value calculation

present$year[which.max(present$boys-present$girls)]

## [1] 1963