Module: Biostatistics

R program course

Jan-Feb-Mar 2018

CCHE -57357

## **EXERCISE**

## **Biostatistics part 1**

- 1- Read the excel file called 'EX Biostat P1' into R
  Name the file in R as 'biostat1'
- 2- Identify if the age and hospitalization days are normally distributed
- 3- Use the appropriate descriptive statistics [mean±SD or median (IQ range)] for each variable
- 4- Draw a boxplot for both age and hospitalization days
- 5- Identify the outliers in the variables of biostat1
- 6- Remove outliers and name the new file biostat1new
- 7- Check again for normality and identify the new descriptive statistics for biostat1new