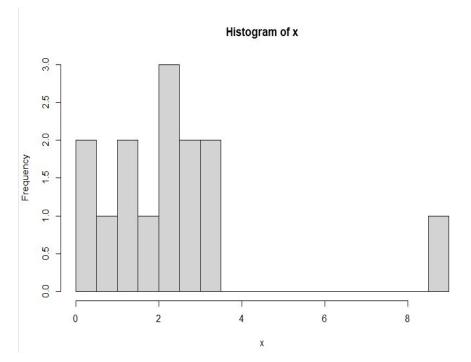
Pata Y

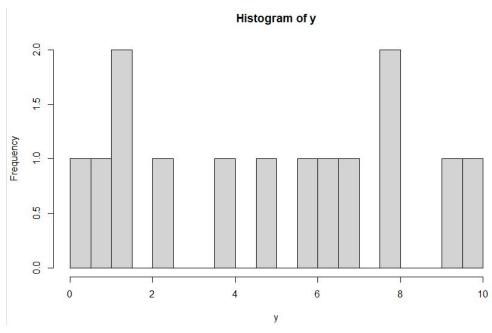
o Bimodal (~105, -8)

o No outliers modes

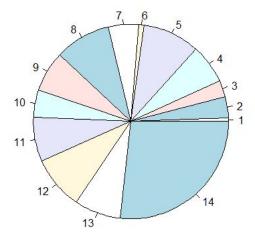
o Roughly symmetric

o Ronge = 9.7

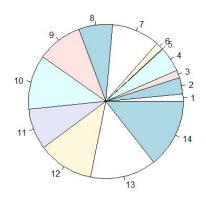




Piechart for data X



Piechart for data Y



1 m) Boxplot X

Summary: Min Q1 Median Q3 Max Outliers: N/A

0.20 1.275 2.250 2.90 9.00 Variance: 11.17143

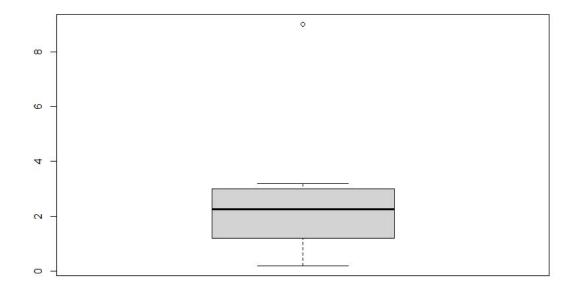
Variance: 4.568407 Summary: Min Q1 Median Q3 Max

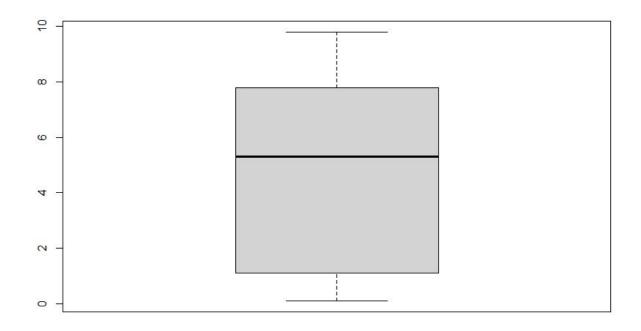
Outliers: x=9.0

Summary: Min Q1 Median Q3 Max

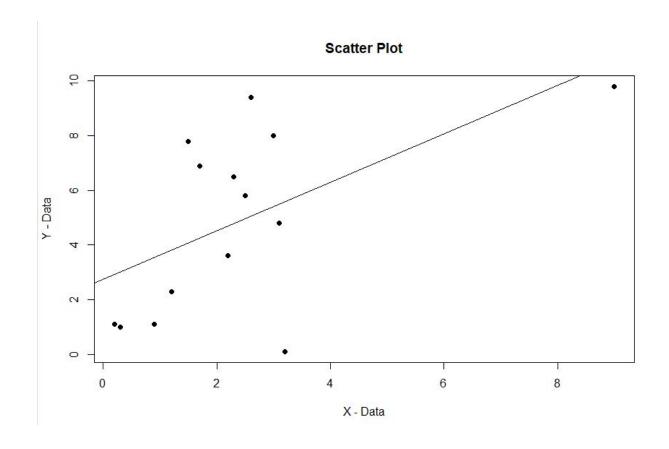
Outliers: x=9.0

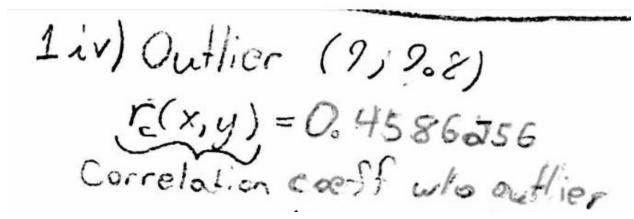
Boxplot for Data X



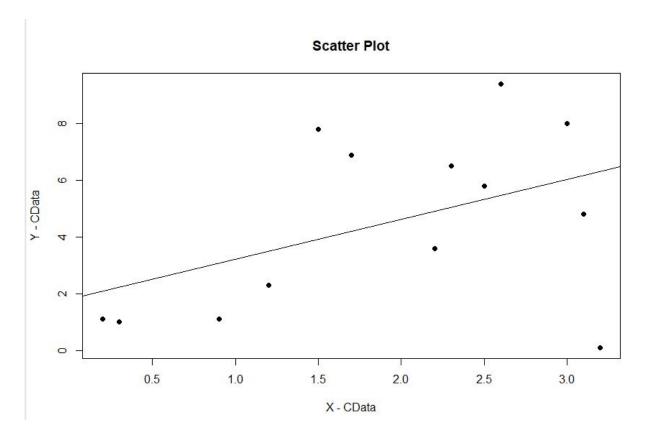


1 iii) r(x,y) = 0.5679153correlation Coed. Moderately strong positive linear Correlation between (x,y). Note outlier (9,9.8).





Linear regression model with outlier removed (corrected data, ie CData)



1v) It seems the correlation

co-es of (iii) "including,

outlier" is higher than that

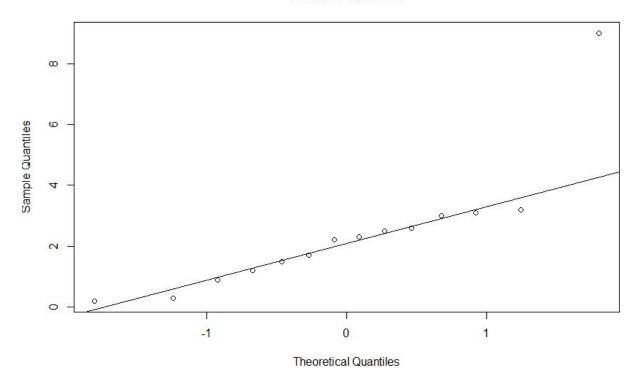
os (iv) * excluding outliers

iii better correlates with data then

(iv)

1 vi) The values of X are more likely to be normal then V, as the plot of the theoretical normal line (agline) of data x more closely fite the normaps of data X data X than the (agline) of data Y & hormal apx. of data Y.

Norm Q-Q X Plot



Norm Q-Q Y Plot

