PRACTICE 15: Regression analysis

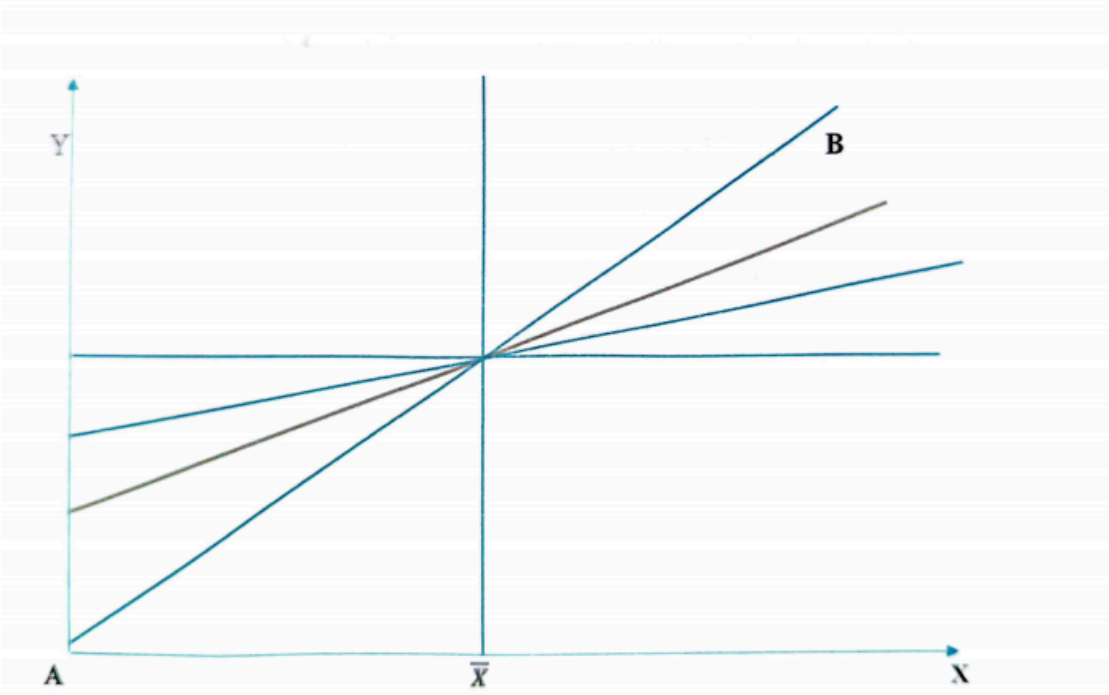
Regression analysis formula:

Y =a0+a1*X

X= b0+b1*Y

$$\{a0\,N + a1\sum x = \sum y \qquad a0\sum x + a1\sum(x * x) = \sum yx$$

$$\{b0\,N + a1\sum y = \sum x \qquad b0\sum x + b1\sum(y * y) = \sum yx$$



Regression lines of Y on X and X on Y in a rectangular coordinate system