

0,5

2) Non, parce que $\bar{x}_1 \neq \bar{x}_2$

$$CV_1 = \frac{S_{x1}}{\bar{x}} \times 100 = \frac{1,85}{5,6} \times 100 = 33,03\%$$

$$CV_2 = \frac{S_{x2}}{\bar{x}} \times 100 = \frac{4,85}{22} \times 100 = 22,04\%$$

0,25 $\Rightarrow CV_1 > CV_2 \Rightarrow$
 la distribution (1) est
 la plus dispersée.

Ex no 3

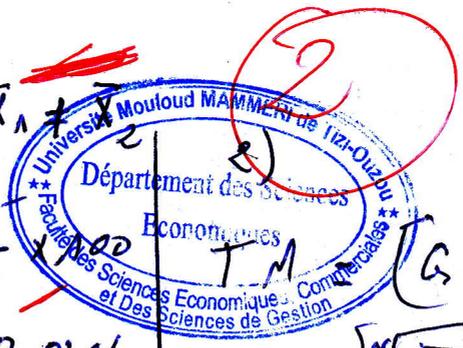
$$\begin{aligned} TM &= [C_i - 1] \times 100 \\ &= \left[\sqrt{\frac{\sum x_i^2}{n}} - 1 \right] \times 100 \end{aligned}$$

$n = 2$

$$SC_1 = \frac{+25}{100} + 1 = 1,25$$

$$SC_2 = \frac{-11,8}{100} + 1 = 0,882$$

$$TM = \left[\sqrt{\frac{1,25^2 + 0,882^2}{2}} - 1 \right] \times 100 = +05\%$$



$$TM = \left[\sqrt{\frac{(1,05)^2 + (1,02)^2 + (1,1)^2}{3}} - 1 \right] \times 100$$

$N = 6$

$n_1 = n_2 = n_3 = 2$

$$SC_1 = \frac{+5}{10} + 1 = 1,05$$

$$SC_2 = \frac{+2}{100} + 1 = 1,02$$

$$SC_3 = \frac{+100}{100} + 1 = 1,1$$

$$TM = \left[\sqrt{\frac{(1,05)^2 + (1,02)^2 + (1,1)^2}{3}} - 1 \right] \times 100$$

$$= \left[\sqrt{\frac{1,1025 + 1,0404 + 1,21}{3}} - 1 \right] \times 100$$

$$= 5,61\%$$