Cov (x, y) =
$$\sum (\underline{x}_{1} - \overline{x}_{2})(\underline{y}_{1} - \overline{y}_{2})$$
 $|\underline{x}_{1} - \overline{x}_{2}|$ $|\underline{x}_{1$

X > Incoeurs

Correlation

$$C_0V(X,Y)=2.5$$

$$dx = \frac{\sum (x_i - x_i)^2}{m - 1}$$

$$dy = \frac{\sum (y_i - y_i)^2}{m - 1}$$

$$0 = \sqrt{\frac{4+1+0+1+4}{5-1}} = \sqrt{\frac{10}{4}} = \sqrt{\frac{5}{5}}$$

$$\delta y = \sqrt{\frac{4+1+0+1+4}{5-1}} = \sqrt{\frac{10}{4}} = \sqrt{\frac{2.5}{2.5}}$$

$$Cov(X,Y) = \frac{2.5}{\sqrt{2.5}} = 1$$