ln) = 1

Yi= Bo+ Baxai+ br xi+ .-+ fk xkit AMBER procusie ALCAMA DUN MAD RUW BLANG

$$\begin{array}{ccc} & \times_{1} \rightarrow & \times_{i'} \\ & \times_{1} \rightarrow & \times_{1} \end{array}$$

(WHITE MISE)

$$3 \times_1 = \times_2$$
 M

(WH) IT NOISE

Yi= po+ prixi+ Ci Zhi. hx 1 Bo - Interceto Cin
Cin
B, - COEticiente de récression

SENSIBILIDAD

X = B + Fn X -- NECKA ESTIMA

 $\chi_{\cdot} - \chi_{\cdot} = \mathcal{E}_{c}$. RESTAUD ENAUL

$$\frac{\sum_{i=1}^{m} \widehat{\varepsilon}_{i}^{2}}{\sum_{i=1}^{m} (\chi_{i} - \widehat{\chi}_{i})^{2}} = \sum_{i=1}^{m} (\chi_{i} - \widehat{\mu}_{3} - \widehat{\mu}_{4} \times i)^{2}$$

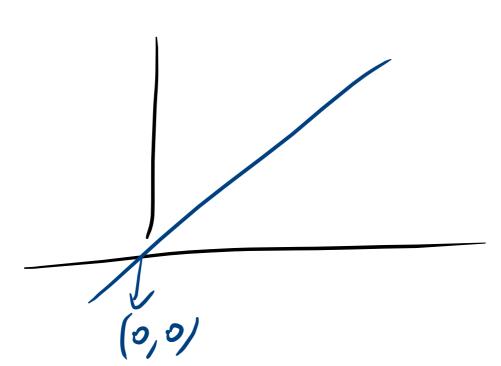
$$= \sum_{i=1}^{m} (\chi_{i} - \widehat{\mu}_{3} - \widehat{\mu}_{4} \times i)^{2}$$

$$\widehat{\mu}_{3}^{2} \widehat{\mu}_{1}^{3} \widehat{\mu}_{1}^{3}$$

$$\begin{cases} \vdots = \chi_{i} - \chi_{i} \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases}$$

$$\begin{cases} \vdots = \chi_{i} - \chi_{i} \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = 0 \\ \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = \chi_{i} \end{cases} \Rightarrow \end{cases} \Rightarrow \begin{cases} \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = \chi_{i} \end{cases} \Rightarrow \begin{cases} \vdots = \chi_{i} \end{cases} \Rightarrow \end{cases} \Rightarrow \end{cases} \Rightarrow \begin{cases} \vdots = \chi_{i} \end{cases} \Rightarrow \end{cases} \Rightarrow$$

TV



$$\hat{\beta}_{1} = \frac{\sum_{i=1}^{n} \left(X_{i} - \bar{X}\right) \left(Y_{i} - \bar{Y}\right)}{\sum_{i=1}^{n} \left(X_{i} - \bar{X}\right)^{2}}$$

$$\sum_{i=1}^{n} (X_i - \bar{X})^2$$

$$\hat{\beta}_0 = \bar{Y} - \hat{\beta}_1 \bar{X}$$

$$\frac{\sum_{i=1}^{n} (X_i - \bar{X}) (Y_i - \bar{Y})}{\sum_{i=1}^{n} (X_i - \bar{X})^2}$$

$$\hat{\beta}_0 = \bar{Y} - \hat{\beta}_1 \bar{X}$$

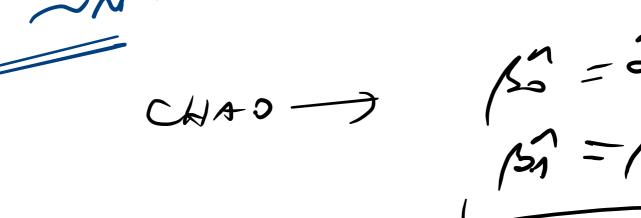
 $\hat{eta}_0 \sim N \left(eta_0; \sqrt{\sigma_{\epsilon}^2 \left(\frac{1}{n} + \frac{ar{X}^2}{\sum_{i=1}^n \left(X_i - ar{X} \right)^2} \right)} \right)$

 $\hat{\beta}_1 \sim N\left(\beta_1; \sqrt{\frac{\sigma_{\epsilon}^2}{\sum_{i=1}^n (X_i - \bar{X})^2}}\right)$

Ho: \$1=0 NO ET SIGNIFICATIVA
Ho: \$1\$=0 ET SIGNIFICATIVA

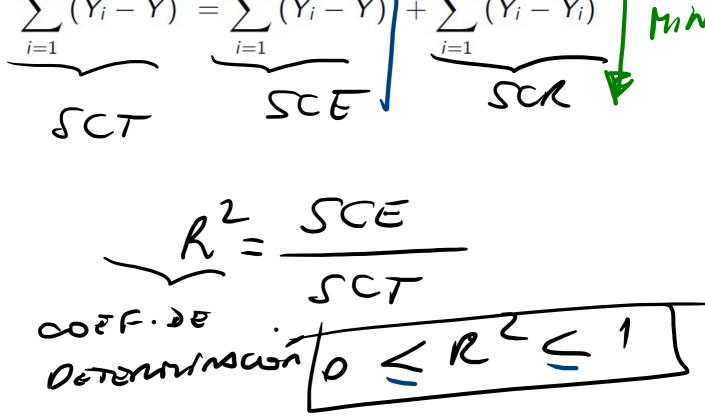
 $\int (x;y) \neq 0$

$$\int_{L} \frac{\int_{A} \int_{A} \int_$$



$$\sum_{i=1}^{n} (Y_{i} - \bar{Y})^{2} = \sum_{i=1}^{n} (\hat{Y}_{i} - \bar{Y})^{2} + \sum_{i=1}^{n} (Y_{i} - \hat{Y}_{i})^{2}$$

$$SCF$$



$$J = \beta_0 + \beta_1 \times i + \epsilon_i$$

$$J = \beta_0 + \beta_1 \times i + \epsilon_i$$

$$J = (\zeta - x)$$

$$J = (\zeta - x)$$

Ju = 1 + 0,8125 × 1.