## Taller PREPARCIAL MILLIA



Para M:

$$f(x_1, u, 0) \cdot 1 = (x - u)^2$$
  
 $\sqrt{2\pi 0^2}$ 

$$L(u,0) = \int \sqrt{2\pi0^2} e^{-(\chi_1 - u)^2}$$

$$\ln L(u,0) = -\frac{n}{2} \ln(2\pi) - n \ln(0) \frac{n}{2}$$

$$\frac{\partial \ln L}{\partial u} = \frac{n}{\sum_{i=1}^{n} (x_i - u)}$$

$$\sum_{i=1}^{n} (x_i - w) = 0$$

$$\mathcal{L} = \frac{1}{2} \quad \stackrel{\text{r}}{\underset{i=1}{\text{E}}} \quad \chi_{i}$$

Para o

Para 0:  

$$\frac{\partial \ln L}{\partial (x_i - u)^2}$$

$$\hat{\lambda}_{i} = \frac{1}{N} \sum_{i=1}^{n} \chi_{i}$$

$$\hat{O}^{2} = \frac{1}{N} \sum_{i=1}^{n} (\chi_{i} - \chi_{i})^{2}$$

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