

$$E(m,b) = \sum_{i=1}^{n} (\gamma_i - m\gamma_i - b)^2$$

$$F(b) = \sum_{i=1}^{n} (\gamma_i - \chi_i - b)^2$$

$$\frac{1}{2} \frac{1}{2} \frac{1}$$

$$\frac{\gamma - m \pi - \kappa b}{p} = 0$$

$$\frac{1}{b} = \frac{7}{7} - m \pi$$

 $\frac{9w}{9E} = \frac{9w}{5} = \frac{9w}{5}$

Σ 2(γ; - mκ; - ¬+ mπ) (-κ; +π)=0 = Ξ - 2(γ; - mκ; - γ+ mπ) (κ; - χ)=0

= [(xi - \forall) - m(xi - \forall)] (xi - \forall) = 0

5 [(4:-x) (x:-x)-m(x:-x)2]=0

Σ (γi-k) (xi-x) = m E(xi-x)

 $\sum_{i=1}^{\infty} (x_i - x_i) = \sum_{i=1}^{\infty} (x_i$

our own Simple tincor regression