4 a) Vis at minste knadratiers éstimater for 13 or 13 = I x; Y; Vi skul nukginere franksjen en $f(\beta) = \sum_{i} (y_{i} - \beta_{x_{i}})^{2} = \sum_{i} y_{i}^{2} - \sum_{i} y_{i} + \beta_{x_{i}}^{2} + \beta_{x_{i}}^{2}$ Loser for B $0 = \Sigma - 2 \gamma_i x_i + \sum_{i=1}^{n} \beta_i x_i^2 / -1, -\sum_{i=1}^{n} 2 \beta_i x_i^2, \frac{1}{2}$ B Zx; = Z Ky, x; / Zx; 2 13 = \(\frac{7}{5} \times_{\chi_{1}} \frac{7}{5} \times_{\chi_{2}} \times_{\chi_{2}} \frac{7}{5} \times_{\chi_{2}} \frac{7}{5} \times_{\chi_{2}} \frac{7}{5} \times_{\chi_{2}} \frac{7}{5} \times_{\chi_{2}} \times_{\chi_{2}} \frac{7}{5} \times_{\chi_{2}} \tim

U6) 1= 13-13 1 5 x2 Det has skriver som $\frac{1}{1} = \frac{\beta}{\beta} - \frac{13}{13}$ Son kar shivers som T = 13 - 13
6/15xx $\sqrt{(N-1)5^2/\sigma^2}$ Vivet at 13-13 er normal fordet - NO, 1)

This is normal fordet - NO, 1) C5 et en stendort nevnol techosisk voriebel
delt på reten av en hji- hrædrot er en 1- fiveling

L

Setter opp Mypotesetus Mo: 13 = 130, Ma: 13 x 136 (1 for B Clir B + + (to/2, n-1) Sp n-1: siden vi har en para neb-a/2 siden vi har bossgig hest