1. Let 
$$k=2$$
.  $Y = x \beta + e$ 
 $Y = C Y_1, y_1, ..., y_n \} \beta = (\beta_1, \beta_2, ..., \beta_k), e = Ce_1e_2...e_n)$ 
 $X = \begin{bmatrix} x_1 \\ \vdots \\ x_n \end{bmatrix}$ 
 $Y = \begin{bmatrix} x_1 \\ \vdots \\ x_n \end{bmatrix}$ 
 $X = \begin{bmatrix} x_1 \\ \vdots \\ x_n \end{bmatrix}$ 
 $X = \begin{bmatrix} x_1 \\ \vdots \\ x_n \end{bmatrix}$ 
 $X = \begin{bmatrix} x_1 \\ \vdots \\ x_n \end{bmatrix}$ 
 $X = \begin{bmatrix} x_1 \\ \vdots \\ x_n \end{bmatrix}$ 

$$\chi'\chi = \begin{bmatrix} \chi_1 & \chi_2 \\ \chi_1 & \chi_2 \end{bmatrix} \cdot \begin{bmatrix} \chi_1 \\ \chi_1 \end{bmatrix} \cdot \begin{bmatrix} \chi_1 \\ \chi_2 \end{bmatrix} \cdot \begin{bmatrix} \chi_1 \\ \chi_1 \end{bmatrix} \cdot \begin{bmatrix} \chi_1 \\ \chi_2 \end{bmatrix} \cdot \begin{bmatrix} \chi_1 \\ \chi_1 \end{bmatrix} \cdot \begin{bmatrix} \chi_1 \\ \chi_1 \end{bmatrix} \cdot \begin{bmatrix} \chi_1 \\ \chi_$$

$$\int_{-\infty}^{\infty} \int_{-\infty}^{\infty} \int_{-\infty}^{\infty$$

$$\int_{0}^{\infty} \int_{0}^{\infty} \frac{1}{1 + 2x^{2} +$$

$$\sum_{i=1}^{n} \frac{\sum_{i=1}^{n} x_{i}^{2} + \sum_{i=1}^{n} x_$$





Var(P'(K) = 2, -5x!, 2, -(2x!), = 2, -(5x!), = 2, -(5x!),

Var (b2/x) = 52-n 52-n 52xi, 2 N. E(xi, -x) = 52xi, -x)

 $(\circ \vee C_{n}^{2}, \varphi_{n}(x) = \frac{n \cdot \Sigma x_{n}^{2}}{\sigma_{n}^{2} \cdot \Sigma x_{n}^{2}} = \frac{-\sigma_{n}^{2} \cdot n \cdot \Sigma}{n \cdot \Sigma (x_{n}^{2} - \overline{x})^{2}}$ 

 $\frac{\sum (x_i - \underline{x})_i}{-e_j - \underline{x}} > \frac{\sum (x_i - \underline{x})_i}{-\underline{x}} - C_j$ 

E C- Exi,

$$r^{2} = 1 - \frac{46221.62}{49041.5468} = 3.0575$$

2. 25. ま出 tron - 質は、alcohol もあか 2-7698 質な b, to 10 1+12, alcohol 150 > 1.4549 \$6 by to the a colol 550 0.63 S. 93% Enteral estimate for By [-0.964] - 0.4042] 4. 5、不发着,5、5、5、5、6、 级者 5. Hp=B=-2 -1-45149 - (-2) = [,4752 0-3695 H (= B, +-2 t Value (961) 不多色华 ()