Robust
or HC
$$V(n(\hat{r}) = \frac{\int_{z}^{z}}{\sum (x_{i} - \hat{x})^{2}}$$

(White)
 $\Rightarrow \hat{se} \cdot (\hat{r}) = \sqrt{\frac{1}{\sum (x_{i} - \hat{x})^{2}}}$

$$\beta = (x' \times x^{-1} \times x' y)$$

$$\forall \text{ on } (\beta) = \delta_{\epsilon_1}^2 \cdot (x' \times x)^{-1}$$

$$\sqrt{\alpha}(\beta) = \sqrt{2} (x'x)^{-1}$$

biaxed and
in unsistent

$$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} = \frac{$$

Problem 1

$$\left(\begin{array}{ccc} \delta_{\epsilon_i}^2 & \sim & \mathcal{I}_i \end{array}\right)$$

$$t = \frac{29S_2 / 30 - 2}{189S_1 / 20 - 2} = 7.84$$

(b)
$$n \cdot R_{cux}^2 = 82 \cdot 0.67 \sim \chi_q^2$$
 $= 46.7$
 $= 46.7$
 $\times 10^2 \cdot 1.7^2 \cdot 1$