Issues/Problems

Wednesday, September 1, 2021 6:25 PM

- Problems

1. Non- L Marrhy YED X

6) Residual Plat -> Non- I Mar Relectus hyp

2. Corelation of From

6) Grow sems show structe wit observen, (Xs/K)

Obser

3. Non- Constant Vanaa a2 of & G Heteroskedustrity

4. Outhers

S yi no iji is very dutlent -> Residual Plot

S. High lenerge polits
S V: 10 X

Leveng statistic: $h_i = \frac{1}{n} + \frac{(x_i - \overline{x})^2}{\sum_{i=1}^{n} (x_i' - \overline{x})^2}$

average leverge: Pt/ n=h:=1

St. punt Std Resid > \frac{\int_c}{\sightarrow} \frac{\int_c}{\sightarrow}

Cook's D3hace

6. Collinardy O Twendthe OCS solution

 $VIF(\vec{\beta}_{i}) = \frac{1}{1 - R_{73}^{2}|x_{i}}$ $R_{73}^{2}|x_{i} \rightarrow R^{2} \text{ for regression of } x_{i} \text{ orto } aU$ other x_{i} 's $\rightarrow R^{2} - 1$