a) high demand for gasowne by us -> market price ? (4C and pg) are determined simultaneously 'endogenaus 1st Stage Depivar : PG Sample Ette: 30 Coeff  $\subset$ 7.74 RIPT RPN - 3.53 0.23 RI -2.30 2nd Stage Dep.var. : GC 1% price? -> 0.6% GCU Sample size: 30 Coeft 5.01 0.56

=0.54

c) Sargan test cheeks (crr. 25LS res. with unstruments of if so -s visuaments not valid

1) RES. 25LS= GC- (5.01+056 RI -054PG)

2)

Dep. var: RES. 25 US

Sample size: 30

Coeff

C -0.21

RPT -0.05

RPN 0.02

RPU -0.07

RI 0.06

RZ 0.104

Saxgan test stat =  $30 \times 0.104 = 3.12$  $\uparrow$   $\uparrow$   $\uparrow$   $\uparrow$ 

X2 (5-3) distribution, 5/. W. 5.99

-> cannot reject Ho -> in somments seen to be valid