a)

Dep.variable: LOGN Sample sübe: 3010

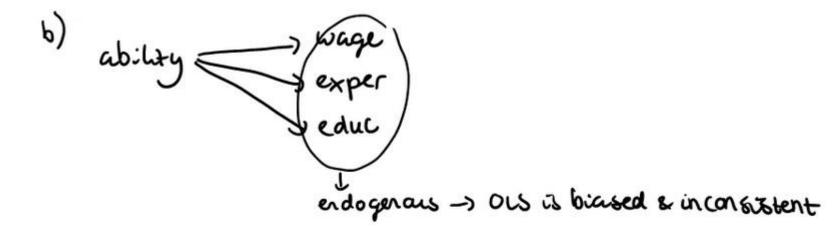
	Coeff	Sŧ	t-Stat
Constant	4. 611	0.0679	67.91
FONC	0.082	0.0035	23.31
EXPER	0.084	0. 60 63	12.38
txpent	- 0. 002	0.003	-6.80
SHSA	0.151	0.0128	9.52
SOUTH	-0.175	0.0146	- 11.96

when educ Ti year we have:

$$log(wage^{new}) = log(wage^{old}) + 0.08$$

 $wage^{new} = wage^{ned} \exp(0.08)$
 $wage^{new} = wage^{old} \times 1.083$

the wage vicreases by about 8%.



c) age: - related to exper (only older people can have very long experience)
- exogenous (people cannot vifluence their age)

Depuariable: EDUC Sample site: 3010

	Coeff	SE	t-stat
Constant	- 2.625	3.976	-1.421
AGE	0.990	0.279	3.551
AGE	-0.017	0.005	-3.518
SHSA	0. 530	0.102	5.217
South	-0.425	0.091	-4.667
NEARC	0.265	0. 099	2.670
C7CAC	0- 190	0.016	12.199
HOMED	0.135	0.017	13.773

Condition that unstruments and endogenous variable are related &

e) First run 1st stage rightssions for exper and Exper2 ~ store predicted series (-FIT)

perform 2nd stage

Dep. variable Sample size:	: LOGW 3010		
	Coeff	 positive effect	10:/
c	4.417	 \(\frac{1}{2}\)	.M.
FDUC_FIT	0,100		
EXPERTIT	0.073		
EXPER_FIT	-0.002		
SMSA	0.135		
SOUTH	-0.159		

- f) 1) calculate 25LS Holdwals (! use actual X variables, not littled)
 - 2) regress 2515450 duals on all onstruments

Dep.variable: Sample site:	25LS HERUD	uals
Sample site:	3010	
	(ocff	SE
Constant	0.126	0.657
SHSA	-0.003	0.017
SOUTH	U. 00Z	0.015
AGE	-0.009	0. 04t
	0.000	0.00
AGEZ		. 1

0.192 - 0. ZOO 0.148 -0,203 0.199 0. 825 0.016 0.014 NEARC 1.462 0.003 0.004 H OHED -1.592 0.003 -0.004 DADED RZ 0.00123

Sargan test stat = 3010 x 0.00123 = 3.70 < 5.99χ(s-6) = χ(2) dost with C.V. J.gg not reject Ho

-> in summerts seem to be udied

t- value