P1.1

	Dependent variable:									
-	lwage76 (1)	ed (2)	(3)	experience (4)	`experience2/100` (5)	ed76 (6)				
experience	0.053*** (0.007)	-0.410*** (0.034)				-0.413*** (0.034)				
experience2/100`	-0.219*** (0.034)	0.073 (0.165)				0.093 (0.165)				
olack	-0.264*** (0.018)	-1.006*** (0.090)	-1.468*** (0.115)	1.468*** (0.115)	0.282*** (0.024)	-1.006*** (0.090)				
reg76r	-0.143*** (0.016)	-0.291*** (0.079)	-0.460*** (0.102)	0.460*** (0.102)	0.112*** (0.022)	-0.267*** (0.079)				
smsa76r	0.185*** (0.018)	0.404*** (0.085)	0.835*** (0.109)	-0.835*** (0.109)	-0.176*** (0.023)	0.400*** (0.085)				
earc4	0.045*** (0.017)	0.337*** (0.083)	0.347*** (0.107)	-0.347*** (0.107)	-0.073*** (0.022)					
age76			1.061*** (0.301)	-0.061 (0.301)	-0.555*** (0.063)					
age2/100`			-1.876*** (0.523)	1.876*** (0.523)	1.313*** (0.110)					
earc4a						0.430*** (0.087)				
earc4b						0.123 (0.106)				
Constant	5.957*** (0.036)	16.659*** (0.176)	-1.870 (4.298)	-4.130 (4.298)	6.099*** (0.902)	16.657*** (0.176)				

P1.2

1 1.2										
Instrumental Variable Wage Regressions										
	Dependent variable:									
	0LS		lwage76 instru varia							
	0LS	IV(a)	IV(b)	2SLS(a)	2SLS(b)					
	(1)	(2)	(3)	(4)	(5)					
ed76	0.074***	0.132***	0.133***	0.161***	0.160***					
	(0.004)	(0.049)	(0.051)	(0.041)	(0.041)					
experience	0.084***	0.107***	0.056**	0.119***	0.047*					
	(0.007)	(0.021)	(0.026)	(0.018)	(0.025)					
`experience2/100`	-0.224***	-0.228***	-0.080	-0.231***	-0.032					
	(0.032)	(0.033)	(0.134)	(0.035)	(0.128)					
black	-0.190***	-0.131**	-0.103	-0.102**	-0.064					
	(0.018)	(0.053)	(0.077)	(0.045)	(0.063)					
reg76r	-0.125***	-0.105***	-0.098***	-0.095***	-0.086***					
	(0.015)	(0.023)	(0.029)	(0.022)	(0.026)					
smsa76r	0.161***	0.131***	0.108**	0.116***	0.083**					
	(0.016)	(0.030)	(0.050)	(0.027)	(0.041)					
Constant	4.734***	3.753***	4.066***	3.268***	3.748***					
	(0.068)	(0.829)	(0.608)	(0.687)	(0.483)					
Observations	3,010	3,010	3,010	3,010	3,010					
R2	0.291	0.225	0.176	0.145	0.051					
Note: *p<0.1; **p<0.05; ***p<0.0 [1] "Sargan Test for TSLS(a)" Statistic: 0.8205896 P-value: 0.3650078 [1] "Sargan Test for TSLS(b)" Statistic: 0.5237882 P-value: 0.4692302										

P2 2、

$$S \xrightarrow{\lambda} z' (I_{\varrho} - Q(\varrho'Q)^{l}Q') \not= \mathcal{E} \times \mathcal{N}(\varrho, I_{\varrho}) \quad \text{under Ho}$$

$$\Rightarrow S \sim \chi' (\xi) \quad \text{with } \xi = \text{trace} \left(\overline{L}_{\varrho} - Q(\varrho'Q)^{l}Q' \right)$$

$$= 1 - \text{trace} \left(Q(\varrho'Q)^{l}Q' \right)$$

$$= 1 - \text{trace} \left(Q'Q(\varrho'Q)^{l}Q' \right)$$

$$= 1 - \text{trace} \left(Q'Q(\varrho'Q)^{l}Q' \right)$$

$$\Rightarrow k \text{ by } k \text{ matr}(x)$$

$$= 1 - k$$