Data Appendix

Contents and Notes

This data appendix includes supplementary information for the models estimated in "Buying Support and Buying Time: The Effect of Regime Consolidation on Public Goods Provision."

The first section includes likelihood ratio tests on the 15 public goods models. These models are estimated using ordinary least squares regression with fixed effects for region-year. For the small model, the dependent variable is the public good and the independent variables are coalition size (W), constraints on executive power, population (logged), and per capita GDP (logged). The large model includes these variables as well as regime tenure and the interaction of regime tenure and coalition size. When the large model has a lower Akaike's Information Criterion (AIC), then the additional degrees of freedom used by the large model are justified by the increased variance explained.

A second section provides the results of the models for the fifteen measures of public goods provision: civil liberties, political rights, education expenditures, health expenditures, welfare expenditures, illiteracy, educational attainment, human capital stock, life expectancy, infant mortality rates, death rate, physicians per 1000, measles immunizations rate, DPT immunizations rate, and hospital beds per 1000. Five models are included for each of these variables: the main analysis (ordinary least squares regression with region-year fixed effects), the same model with per capita income excluded, a general estimating equation (GEE), a sub-sample analysis that excludes Europe, and the main analysis with imputed data. Below the coefficients estimated by these models I present the point estimates for regimes at various at levels of coalition size and regime tenure. Other controls are held at their means. Four figures are included for each of these fifteen dependent variables. The data for these models are derived from the main analysis. The figures are: (1) the effect of consolidation on the public good among inclusive regimes, (2) the effect of consolidation on the public good among exclusive regimes, (3) the effect of consolidation on the marginal effect of inclusive government on public goods provision, and finally (4) the effect of consolidation on the public good for each value of coalition size (W).

The third section is a comprehensive do file for the aforementioned tests and figures.

If you have questions, please contact me at [email address].

Likelihood Ratio Tests

Likelihood Ratio Tests for the 15 models of Public Goods Provision

	CIVIL LIBERTIES	***POLITICAL RIGHTS***	***EDUCATION EXPENDITURES***
LIKELIHOOD RATIO χ2	150.81***	38.96***	95.28***
AIC SMALL	8484.03	8486.43	10816.73
AIC LARGE	8337.22	8451.47	10725.45
	HEALTH EXPENDITURES	***WELFARE EXPENDITURES***	***EDUCATIONAL ATTAINMENT***
LIKELIHOOD RATIO χ2	23.71***	33.43***	291.56***
AIC SMALL	4135.30	5326.07	8625.94
AIC LARGE	4115.59	5296.64	8338.38
	HUMAN CAPITAL STOCK	***ADULT ILLITERACY***	***HOSPITAL BEDS***
LIKELIHOOD RATIO χ2	43.3***	43.07***	39.11***
AIC SMALL	2537.82	22558.88	5918.11
AIC LARGE	2498.52	22519.81	5883.00
	MEASLES IMMUNITY	***DPT IMMUNITY***	***INFANT MORTALITY***
LIKELIHOOD RATIO χ2	21.59***	11.75***	14.30***
AIC SMALL	19330.79	19866.82	39738.96
AIC LARGE	19313.20	19859.07	39728.65
	LIFE EXPECTANCY	***PHYSICIANS***	***DEATHRATE***
LIKELIHOOD RATIO χ2	10.63***	2.54	41.86***
AIC SMALL	11622.96	3941.32	11308.13
AIC LARGE	11616.32	3942.78	11270.27

Civil Liberties Index

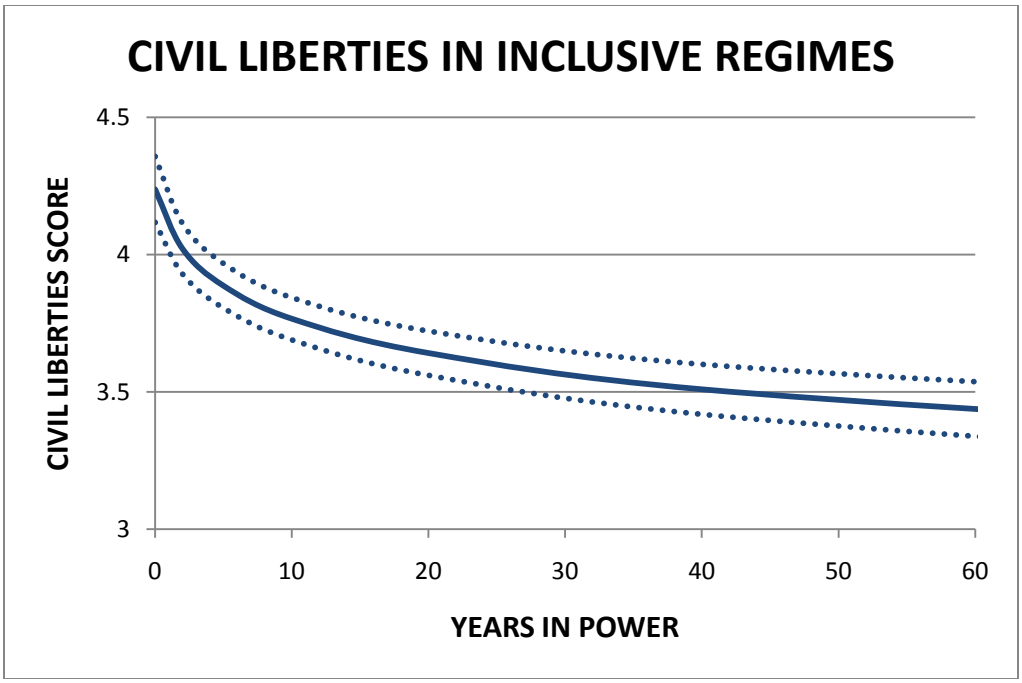
The Civil Liberties Index from Freedom House is an ordinal scale coded so that the states granting the most civil liberties earn a score of 1 while those granting the fewest civil liberties earn 7.

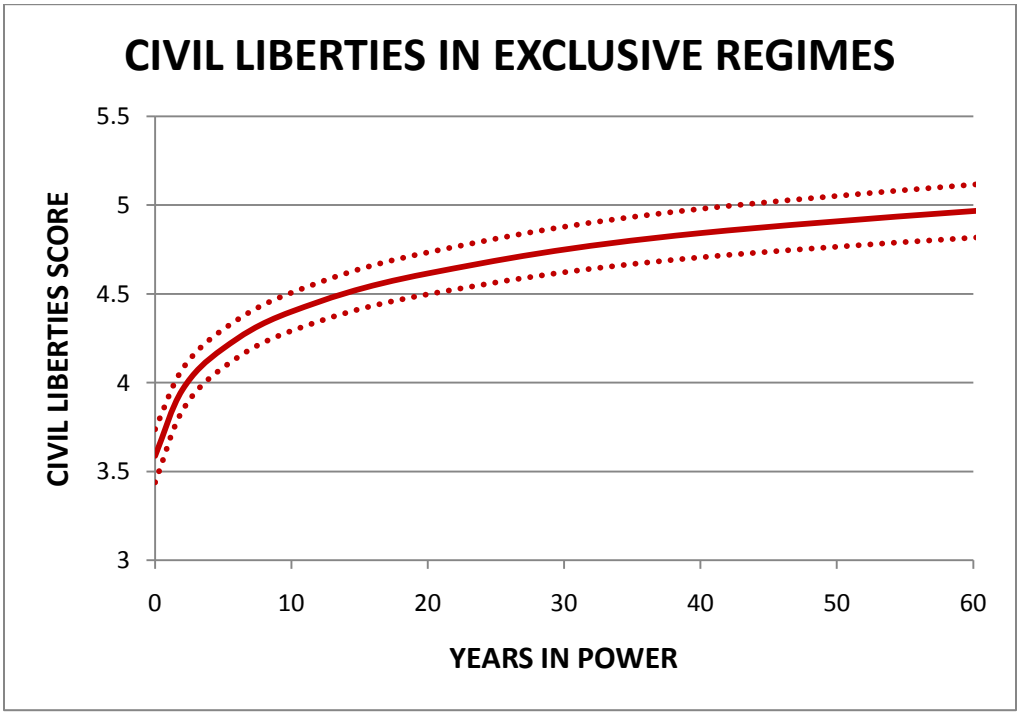
Regression Coefficients

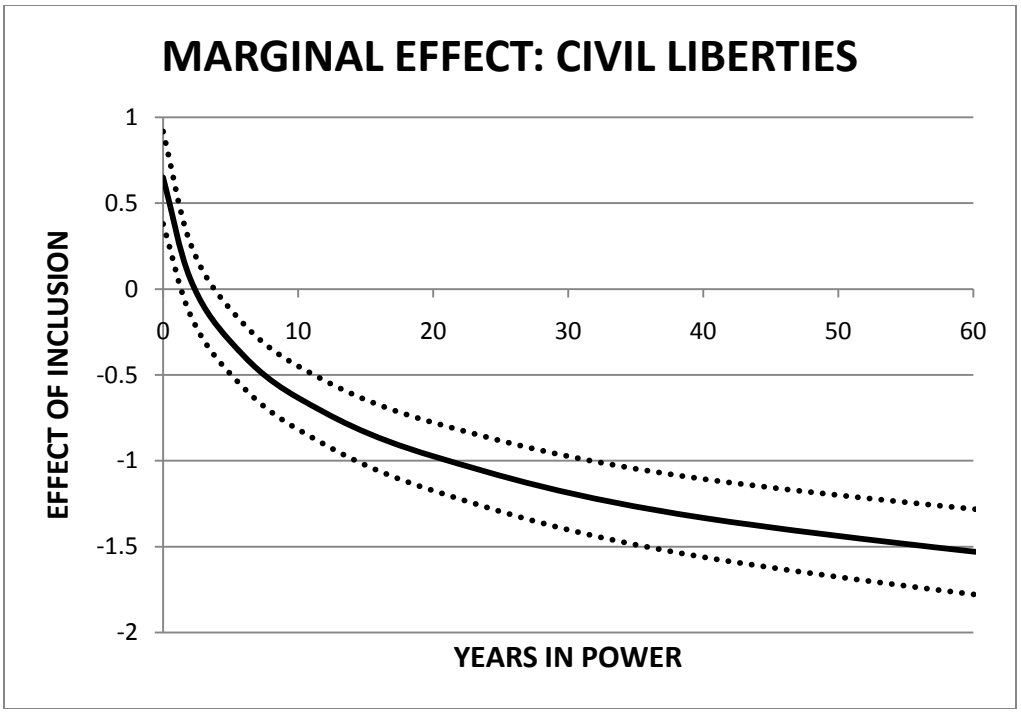
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	0.65***	0.12	0.57***	0.74***	0.87***
CONSOLIDATION	0.34***	0.57***	0.28***	0.41***	0.45***
W*CONSOLIDATION	-0.53***	-0.92***	-0.45***	-0.63***	-0.82***
POPULATION	0.07***	0.12*	0.09***	0.07***	0.11***
INCOME	-0.29***	0.15***	-0.24***	-0.27***	
EXEC CONSTRAINTS	-0.42***	-0.91***	-0.41***	-0.42***	-0.47***
CONSTANT	6.29***	4.64***	5.67***	6.01***	3.80***
W=0, TENURE=0	3.59	3.94	3.70	3.50	3.72
W=0, TENURE=22	4.65	5.74	4.58	4.80	5.12
W=0, TENURE=50	4.92	6.19	4.80	5.13	5.47
W=1, TENURE=0	4.24	4.06	4.27	4.24	4.59
W=1, TENURE=22	3.62	2.97	3.73	3.56	3.4
W=1, TENURE=50	3.47	2.69	3.59	3.39	3.1
1ST DIFF (22 YEARS)					
H1	-0.62*	-1.09*	-0.54*	-0.68*	-1.19*
H2	1.06*	1.80*	0.88*	1.30*	1.40*
H3	-1.68*	-2.89*	-1.42*	-1.98*	-2.59*

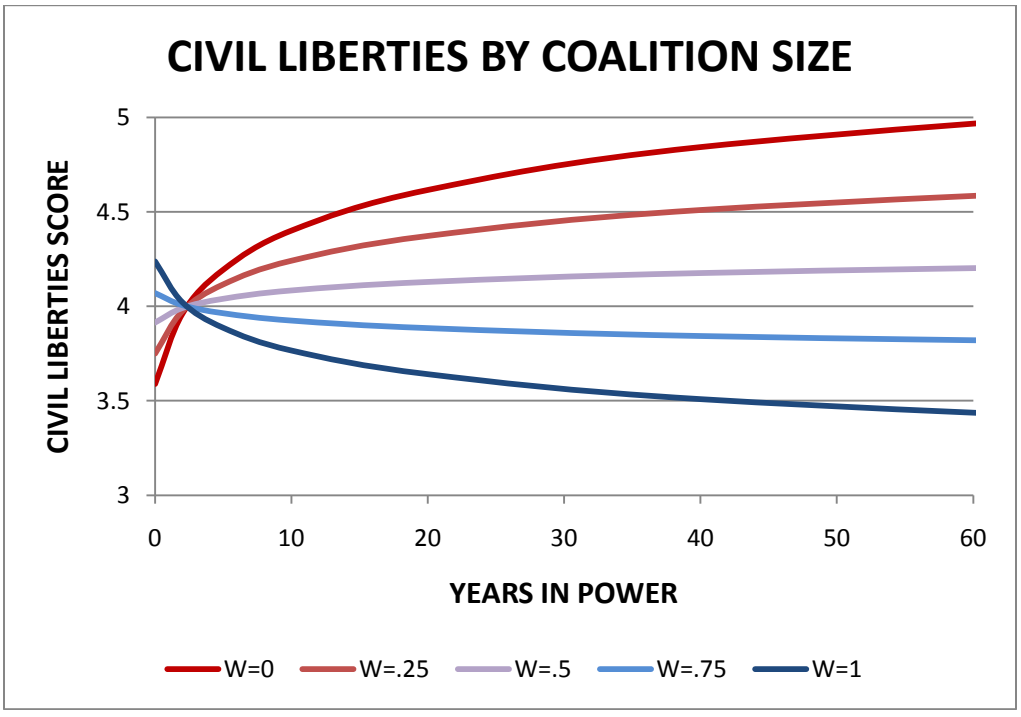
*p< .1 **p<.05 ***p<.01

>First Differences marked with * are significant at least at the .10 level.


CIVIL LIBERTIES IN INCLUSIVE REGIMES
CIVIL LIBERTIES SCORE
4.5
4
3.5
3
0
10
20
30
40
50
60
YEARS IN POWER


CIVIL LIBERTIES IN EXCLUSIVE REGIMES
CIVIL LIBERTIES SCORE
5.5
5
4.5
4
3.5
3
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: CIVIL LIBERTIES
EFFECT OF INCLUSION
1
0.5
0
-0.5
-1
-1.5
-2
0
10
20
30
40
50
60
YEARS IN POWER


CIVIL LIBERTIES BY COALITION SIZE
CIVIL LIBERTIES SCORE
5
4.5
4
3.5
3
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

Political Rights Index

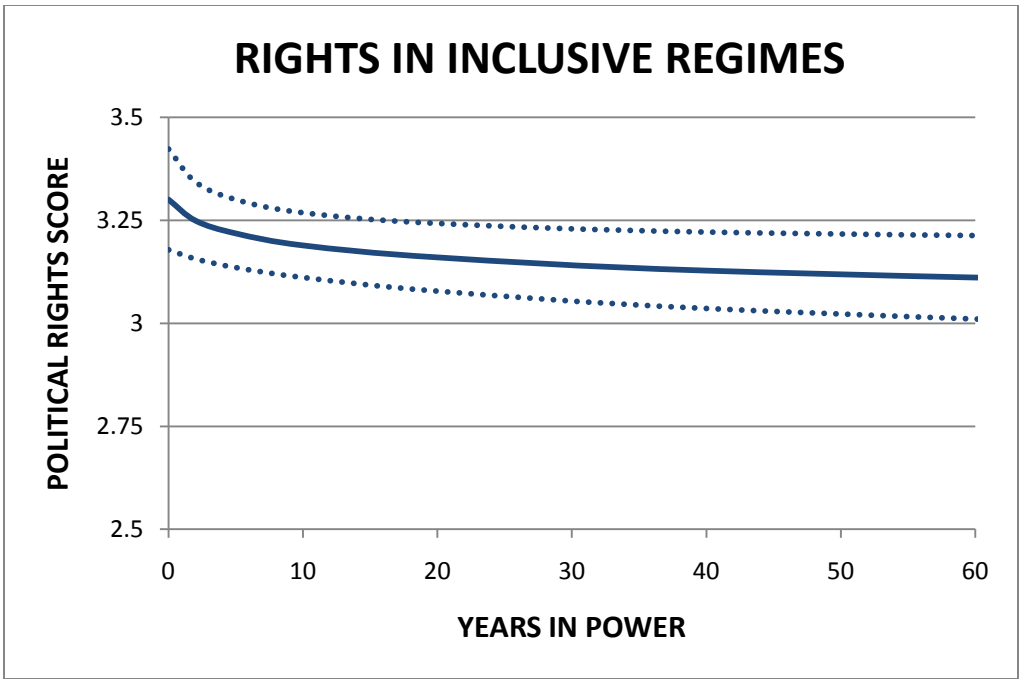
The Political Rights Index from Freedom House is an ordinal scale coded so that the states granting the most political rights earn a score of 1 while those granting the fewest political rights earn 7.

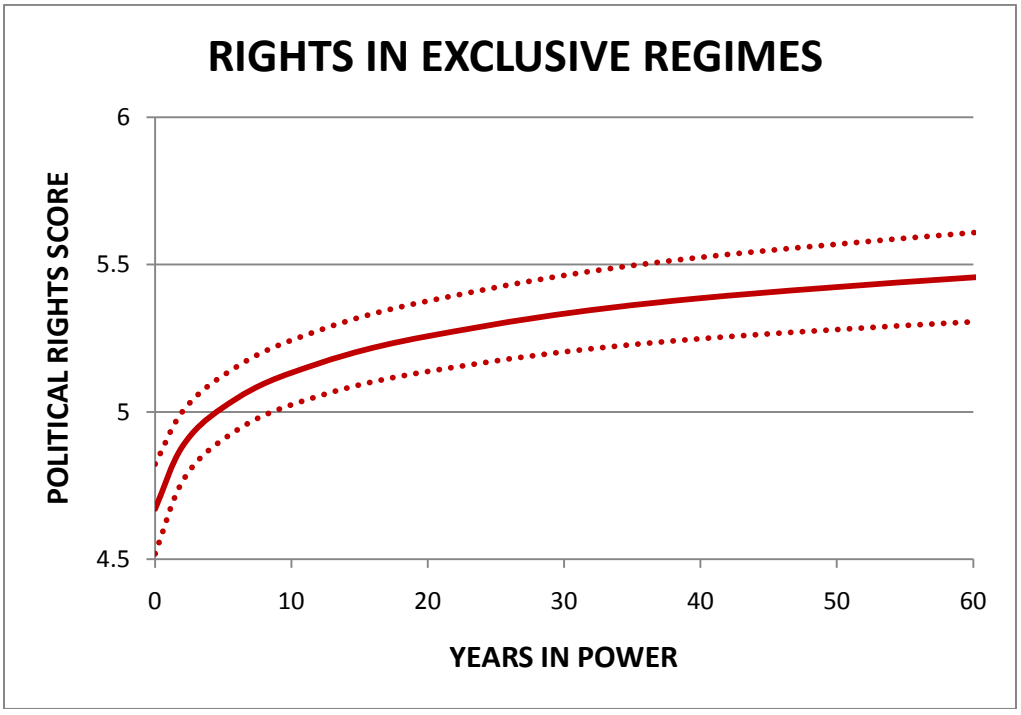
Regression Coefficients

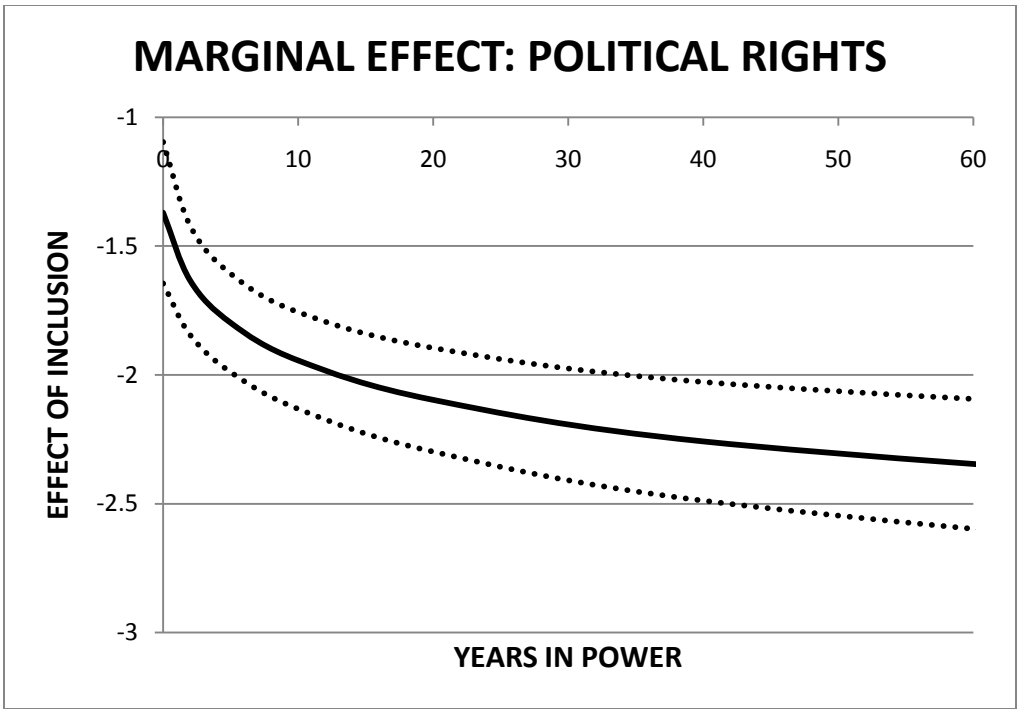
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	-1.37***	-1.60**	-1.32***	-1.29***	-1.20***
CONSOLIDATION	0.19***	0.39***	0.17***	0.23***	0.27***
W*CONSOLIDATION	-0.23***	-0.62***	-0.21***	-0.28***	-0.46***
POPULATION	0.01	0.06***	0.04***	0.02	0.05***
INCOME	-0.21***	0.14**	-0.15***	-0.21***	
EXEC CONSTRAINTS	-0.49***	-0.86***	-0.49***	-0.49***	-0.52***
CONSTANT	7.98***	6.33***	7.05***	7.86***	6.04***
W=0, TENURE=0	4.67	4.99	4.67	4.59	4.78
W=0, TENURE=22	5.28	6.20	5.20	5.31	5.63
W=0, TENURE=50	5.43	6.51	5.33	5.50	5.85
W=1, TENURE=0	3.3	3.39	3.35	3.29	3.58
W=1, TENURE=22	3.16	2.65	3.23	3.14	2.99
W=1, TENURE=50	3.12	2.46	3.19	3.1	2.85
1ST DIFF (22 YEARS)					
H1	-0.14	-0.74*	-0.12	-0.15	-0.59*
H2	0.61*	1.21*	0.53*	0.72*	0.85*
H3	-0.75*	-1.95*	-0.65*	-0.87*	-1.44*

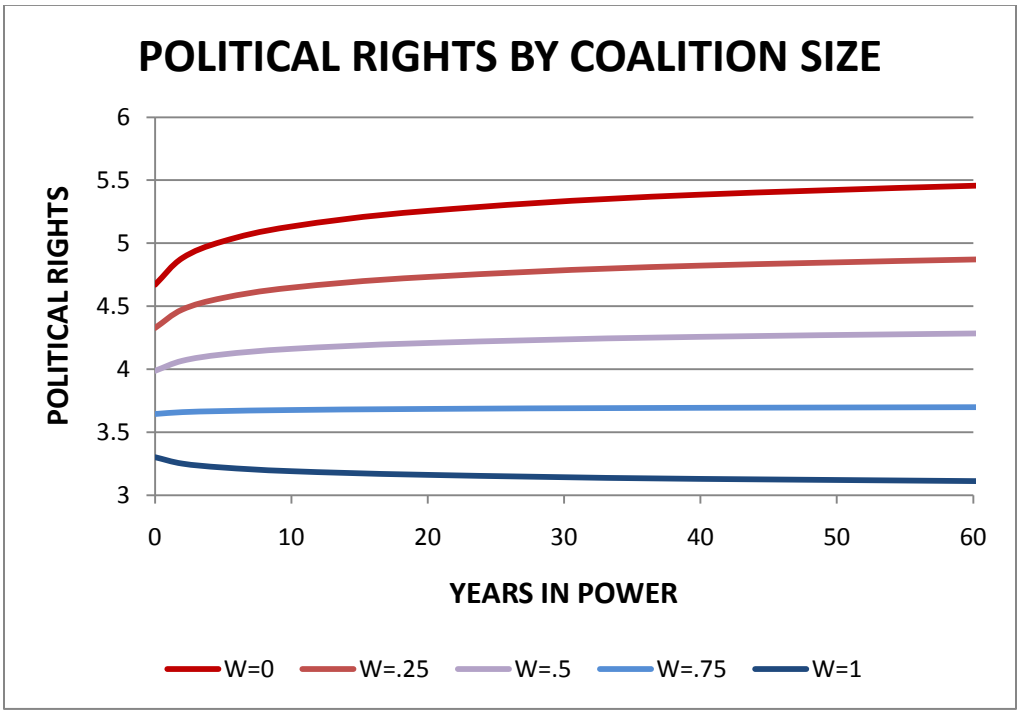
*p< .1 **p<.05 ***p<.01

>First Differences marked with * are significant at least at the .10 level.


RIGHTS IN INCLUSIVE REGIMES
POLITICAL RIGHTS SCORE
3.5
3.25
3
2.75
2.5
0
10
20
30
40
50
60
YEARS IN POWER


RIGHTS IN EXCLUSIVE REGIMES
POLITICAL RIGHTS SCORE
6
5.5
5
4.5
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: POLITICAL RIGHTS
-1
-1.5
-2
-2.5
-3
0
10
20
30
40
50
60
EFFECT OF INCLUSION
YEARS IN POWER


POLITICAL RIGHTS BY COALITION SIZE
6
5.5
5
4.5
4
3.5
3
0
10
20
30
40
50
60
POLITICAL RIGHTS
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

Education Expenditures

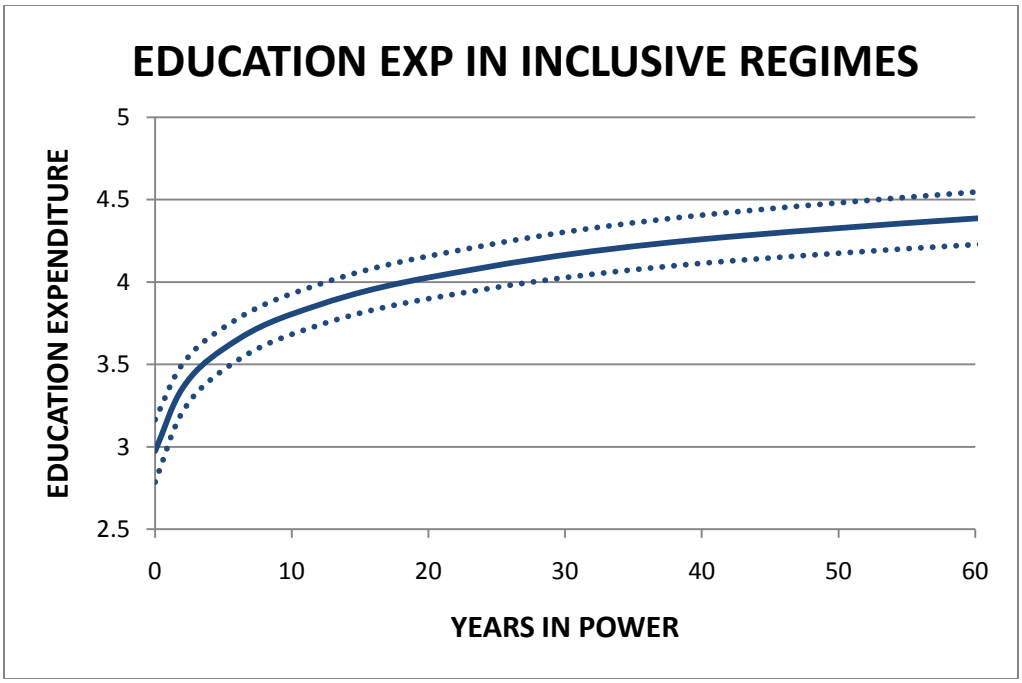
Education expenditure data are from the World Bank Development Indicators. Education expenditures are measured as a percentage of gross domestic product.

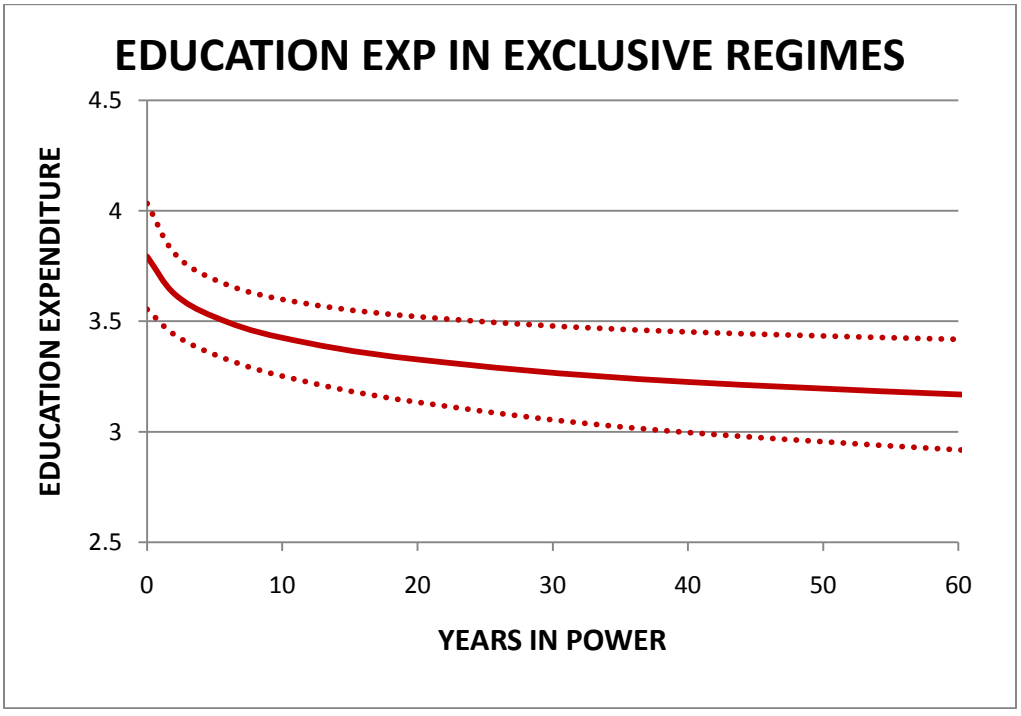
Regression Coefficients

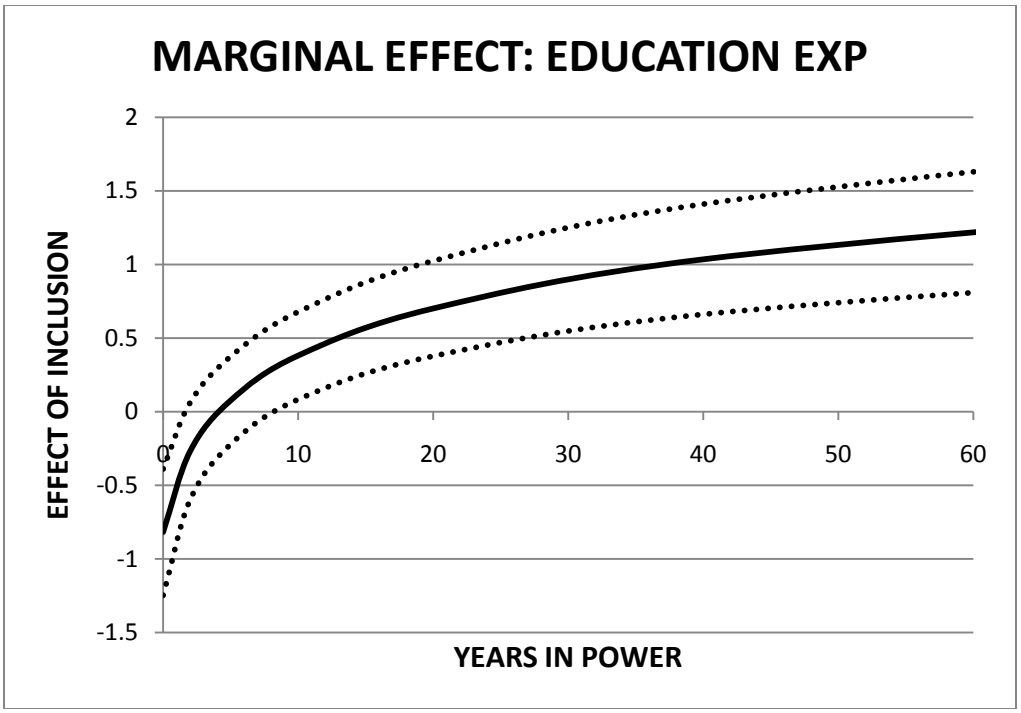
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	-0.82***	-0.35	-0.86***	-0.75***	-0.83***
CONSOLIDATION	-0.15***	0.07	-0.19***	-0.10*	-0.13**
W*CONSOLIDATION	0.50***	0.25***	0.57***	0.43**	0.62***
POPULATION	-0.14***	-0.12***	-0.11***	-0.15***	-0.16***
INCOME	0.25***	0.26***	0.30***	0.23***	
EXEC CONSTRAINTS	0.13***	0.00	0.10***	0.12***	0.13***
CONSTANT	3.62***	3.23***	2.87***	3.78***	5.58***
W=0, TENURE=0	3.79	3.29	3.75	3.63	3.58
W=0, TENURE=22	3.31	3.52	3.16	3.32	3.17
W=0, TENURE=50	3.19	3.58	3.01	3.24	3.07
W=1, TENURE=0	2.98	2.94	2.89	2.89	2.75
W=1, TENURE=22	4.06	3.99	4.1	3.93	4.29
W=1, TENURE=50	4.34	4.25	4.41	4.19	4.68
1ST DIFF (22 YEARS)					
H1	1.08*	1.05*	1.21*	1.04*	1.54*
H2	-0.48*	0.23	-0.59*	-0.31	-0.41
H3	1.56*	0.82*	1.8*	1.35*	1.95*

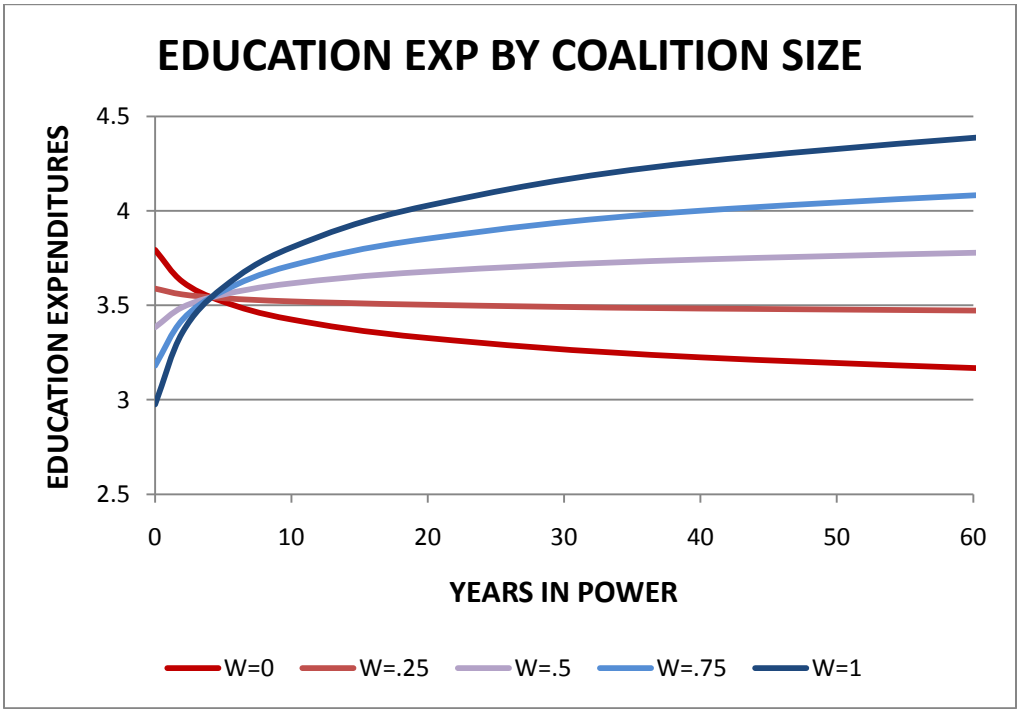
*p< .1 **p<.05 ***p<.01

>First Differences marked with * are significant at least at the .10 level.


EDUCATION EXP IN INCLUSIVE REGIMES
EDUCATION EXPENDITURE
5
4.5
4
3.5
3
2.5
0
10
20
30
40
50
60
YEARS IN POWER


EDUCATION EXP IN EXCLUSIVE REGIMES
EDUCATION EXPENDITURE
4.5
4
3.5
3
2.5
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: EDUCATION EXP
EFFECT OF INCLUSION
2
1.5
1
0.5
0
-0.5
-1
-1.5
0
10
20
30
40
50
60
YEARS IN POWER


EDUCATION EXP BY COALITION SIZE
EDUCATION EXPENDITURES
4.5
4
3.5
3
2.5
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

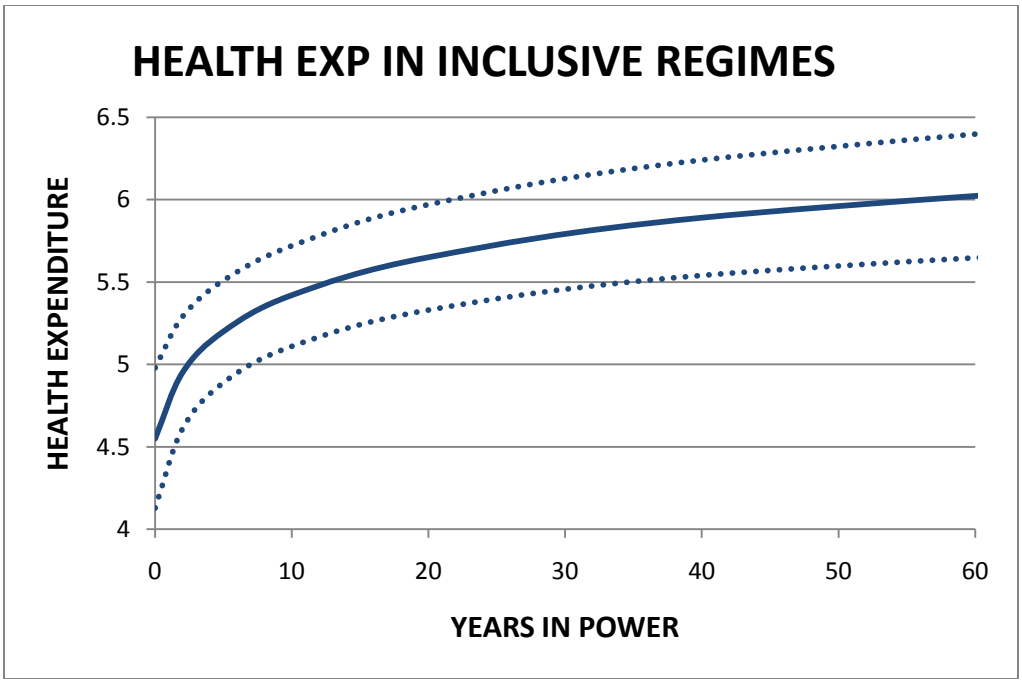
Health Expenditures

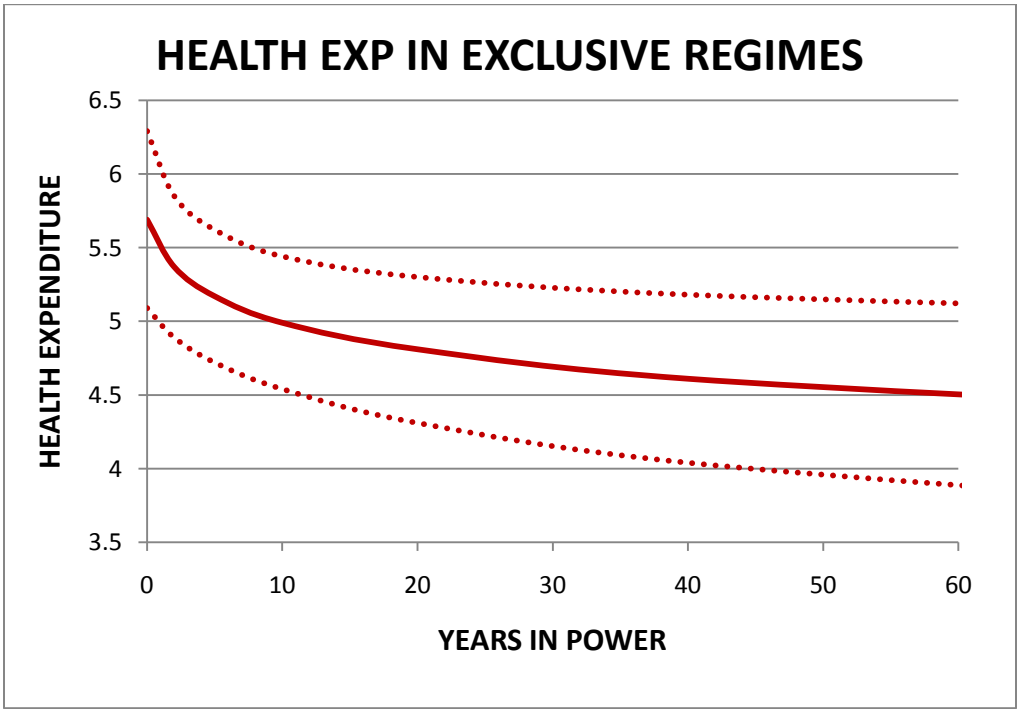
Health expenditure data are from the World Bank Development Indicators. Health expenditures are measured as a percentage of gross domestic product.

Regression Coefficients

	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	-1.14**	-0.69	-1.55**	-0.88**	-0.93
CONSOLIDATION	-0.29**	-0.31**	-0.37***	-0.35***	-0.32***
W*CONSOLIDATION	0.65***	0.63***	0.88***	0.64***	1.00***
POPULATION	0.05	0.42***	0.06	0.04	0.03
INCOME	0.50***	0.04	0.38***	0.60***	
EXEC CONSTRAINTS	0.08	0.10*	0.10*	0.11***	0.06
CONSTANT	0.83	1.30	1.42	0.25	4.34***
W=0, TENURE=0	5.69	5.39	5.53	5.64	5.11
W=0, TENURE=22	4.78	4.44	4.35	4.53	4.10
W=0, TENURE=50	4.55	4.19	4.06	4.25	3.84
W=1, TENURE=0	4.55	4.7	3.97	4.76	4.19
W=1, TENURE=22	5.68	5.73	5.56	5.66	6.3
W=1, TENURE=50	5.97	5.99	5.96	5.89	6.84
1ST DIFF (22 YEARS)					
H1	1.13*	1.03*	1.59*	0.9*	2.11*
H2	-0.91	-0.95	-1.18*	-1.11*	-1.01
H3	2.04*	1.98*	2.77*	2.01*	3.12*

*p< .1 **p<.05 ***p<.01
>First Differences marked with * are significant at least at the .10 level.


HEALTH EXP IN INCLUSIVE REGIMES
HEALTH EXPENDITURE
6.5
6
5.5
5
4.5
4
0
10
20
30
40
50
60
YEARS IN POWER


HEALTH EXP IN EXCLUSIVE REGIMES
HEALTH EXPENDITURE
6.5
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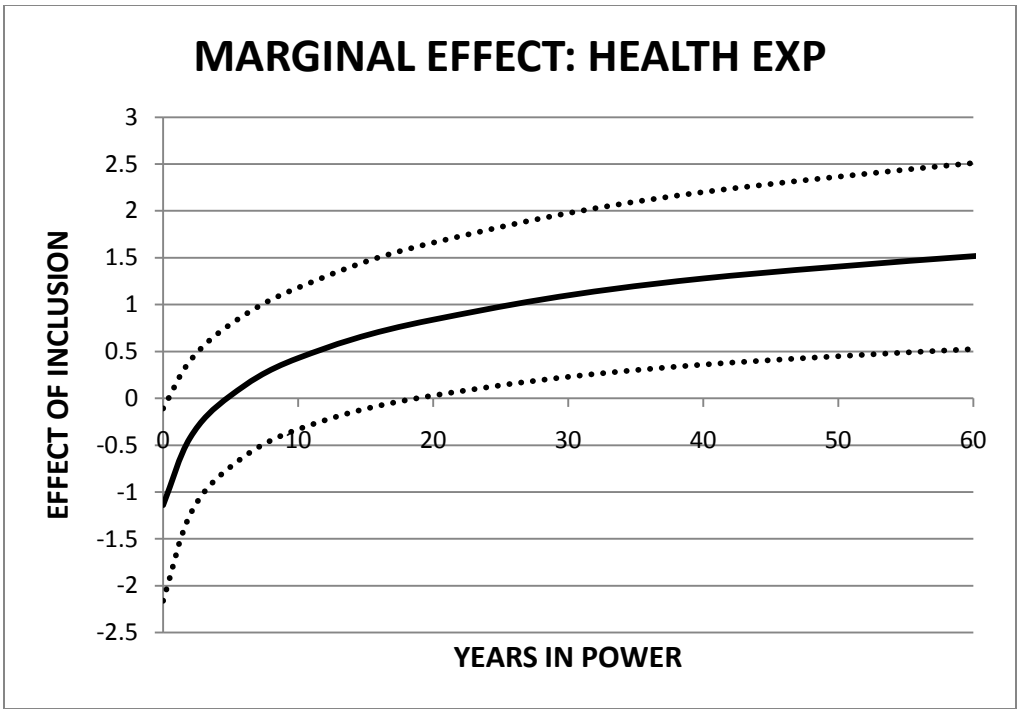
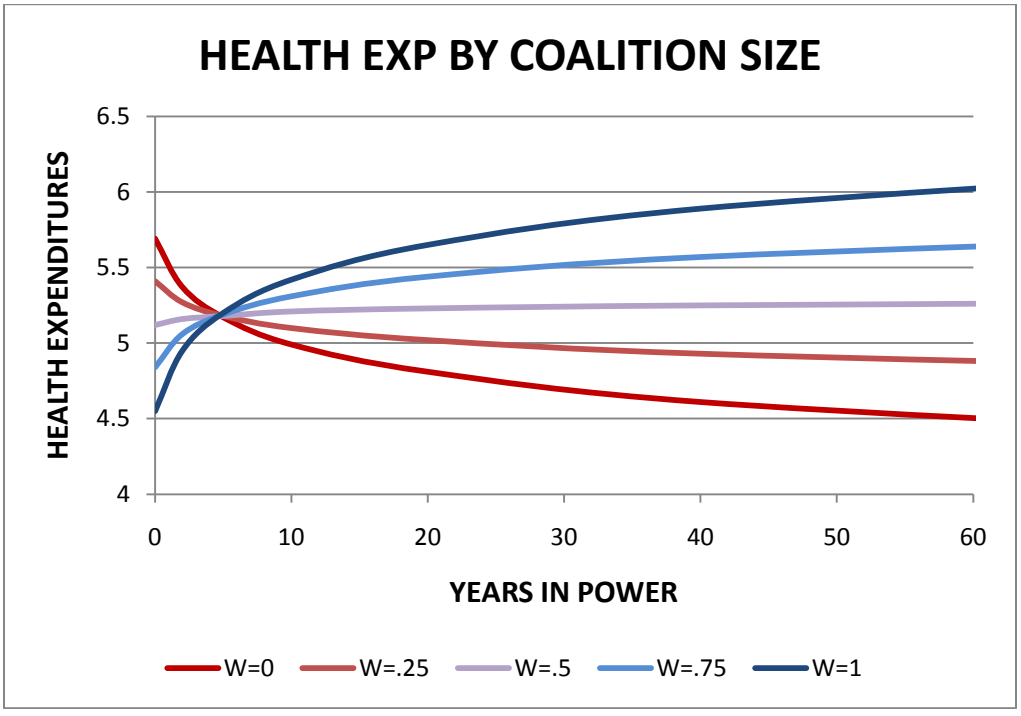
5.5
5
4.5
4
3.5
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: HEALTH EXP
EFFECT OF INCLUSION
3
2.5
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
0
10
20
30
40
50
60
YEARS IN POWER


HEALTH EXP BY COALITION SIZE
HEALTH EXPENDITURES
6.5
6
5.5
5
4.5
4
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

Welfare Expenditures

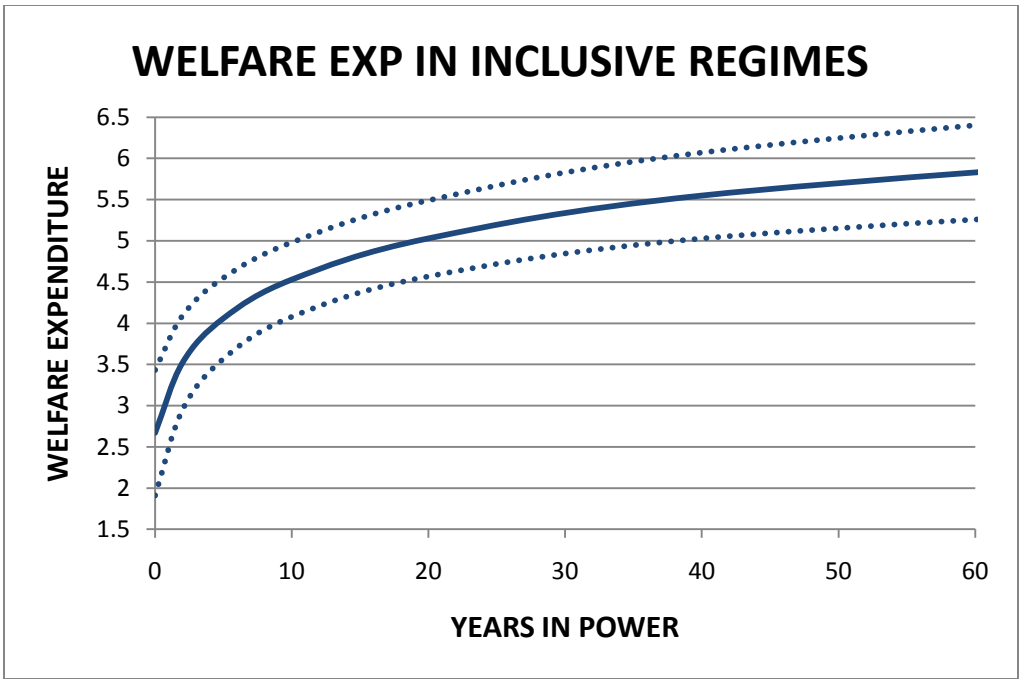
Welfare expenditure data are from Przeworski et al. (2000). Welfare expenditures are measured as a percentage of gross domestic product.

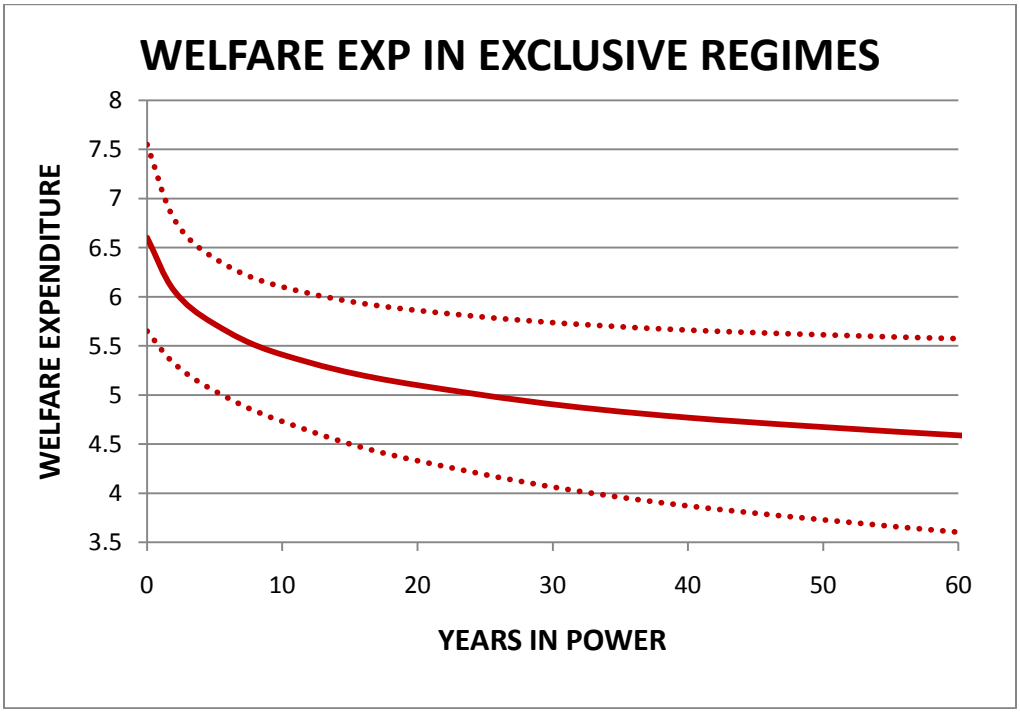
Regression Coefficients

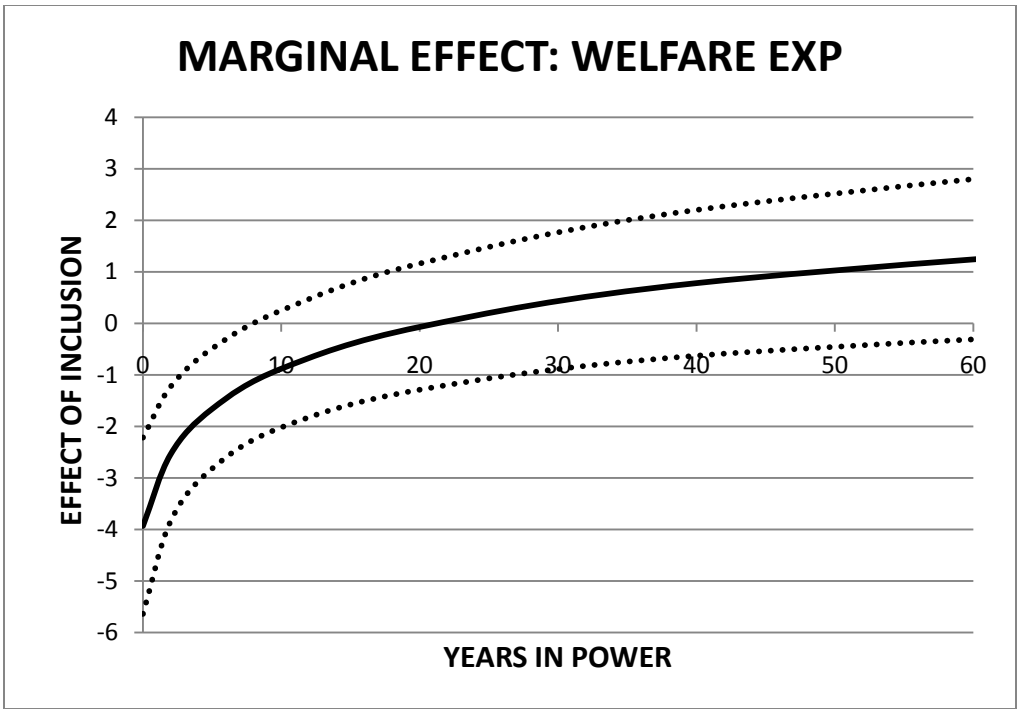
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	-3.94***	-2.64***	-6.75***	-3.97***	-3.99***
CONSOLIDATION	-0.49**	-0.49**	-0.73***	-0.04***	-0.61***
W*CONSOLIDATION	1.27***	1.31***	2.30***	1.26***	1.84***
POPULATION	0.09	0.72***	0.04	0.11**	0.07
INCOME	1.09***	0.36**	0.82***	1.27***	
EXEC CONSTRAINTS	0.13	0.14**	0.11*	0.15**	0.17**
CONSTANT	-3.34*	-3.18*	-2.11	-5.64***	4.18***
W=0, TENURE=0	6.60	5.74	4.98	5.97	6.01
W=0, TENURE=22	5.05	4.19	2.70	4.45	4.08
W=0, TENURE=50	4.66	3.79	2.12	4.06	3.60
W=1, TENURE=0	2.67	3.1	-1.76	2	2.02
W=1, TENURE=22	5.1	5.66	3.18	4.44	5.86
W=1, TENURE=50	5.72	6.31	4.44	5.06	6.84
1ST DIFF (22 YEARS)					
H1	2.43*	2.56*	4.94*	2.44*	3.84*
H2	-1.55	-1.55*	-2.28*	-1.52	-1.93*
H3	3.98*	4.11*	7.22*	3.96*	5.77*

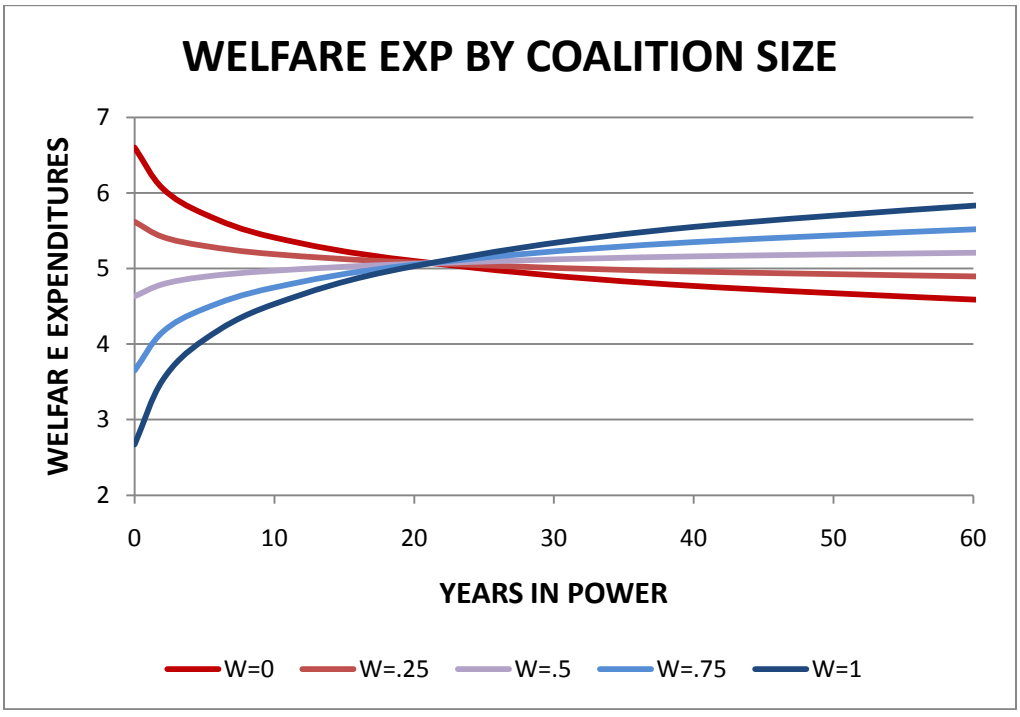
*p< .1 **p<.05 ***p<.01

>First Differences marked with * are significant at least at the .10 level.


WELFARE EXP IN INCLUSIVE REGIMES
WELFARE EXPENDITURE
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
0
10
20
30
40
50
60
YEARS IN POWER


WELFARE EXP IN EXCLUSIVE REGIMES
WELFARE EXPENDITURE
8
7.5
7
6.5
6
5.5
5
4.5
4
3.5
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: WELFARE EXP
EFFECT OF INCLUSION
4
3
2
1
0
-1
-2
-3
-4
-5
-6
0
10
20
30
40
50
60
YEARS IN POWER


WELFARE EXP BY COALITION SIZE
WELFAR E EXPENDITURES
7
6
5
4
3
2
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

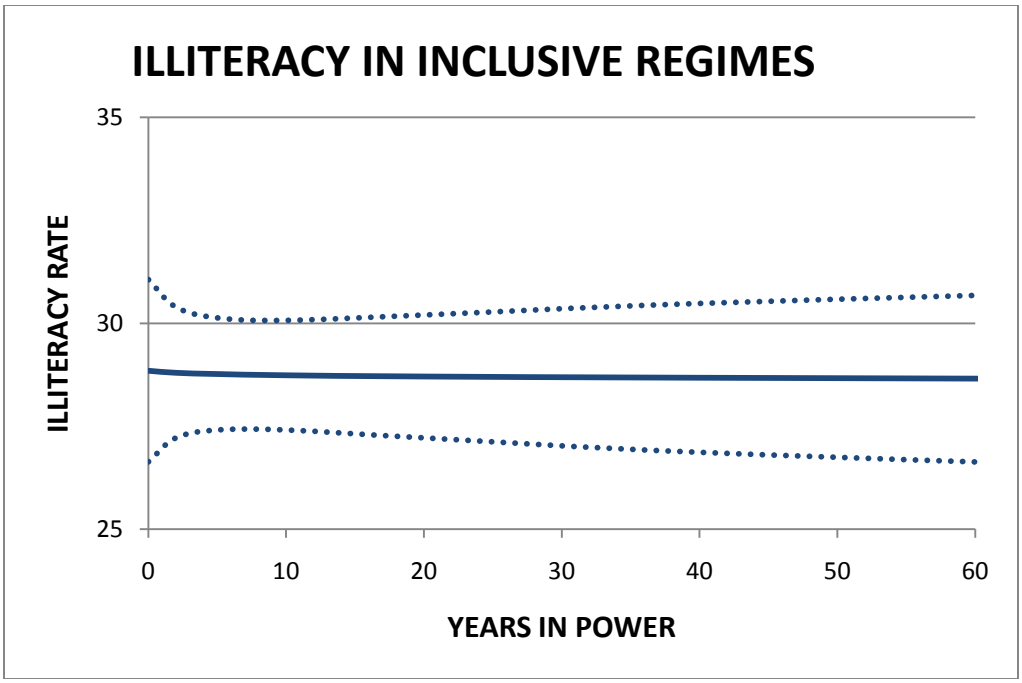
Adult Illiteracy

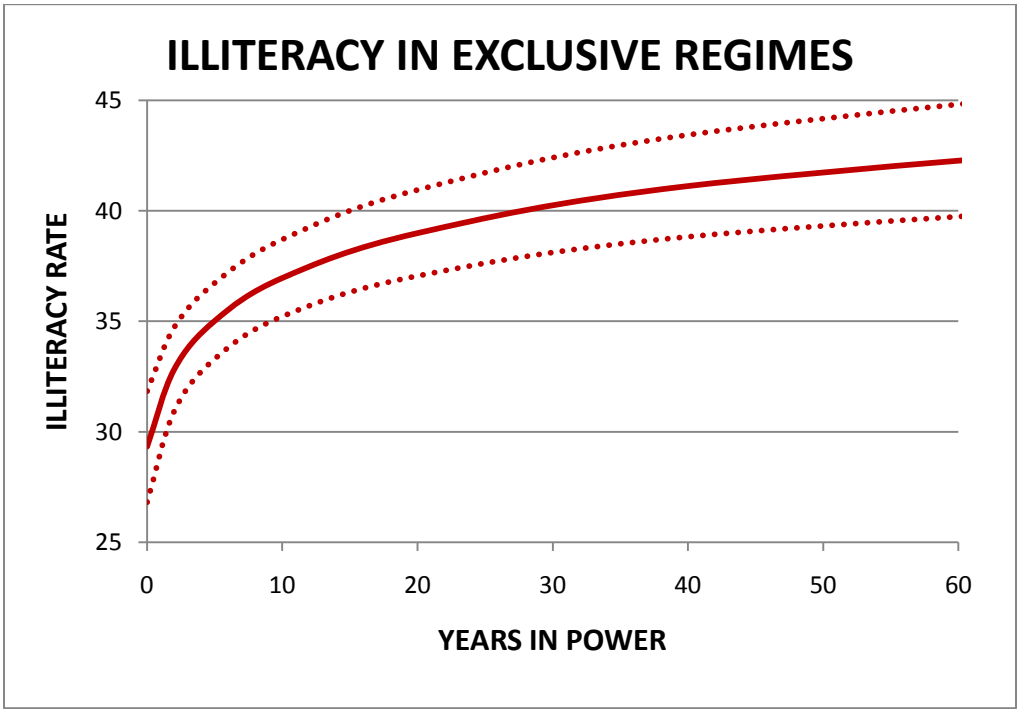
Adult Illiteracy measures the percentage of the adult population that is illiterate. Data are from the World Bank Development Indicators.

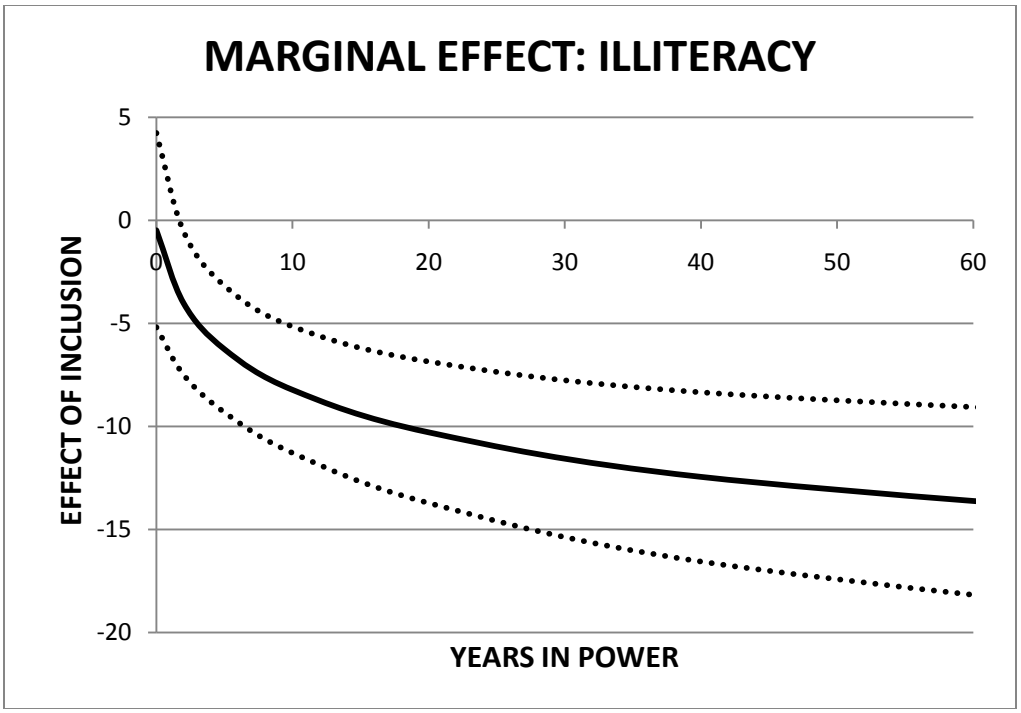
Regression Coefficients

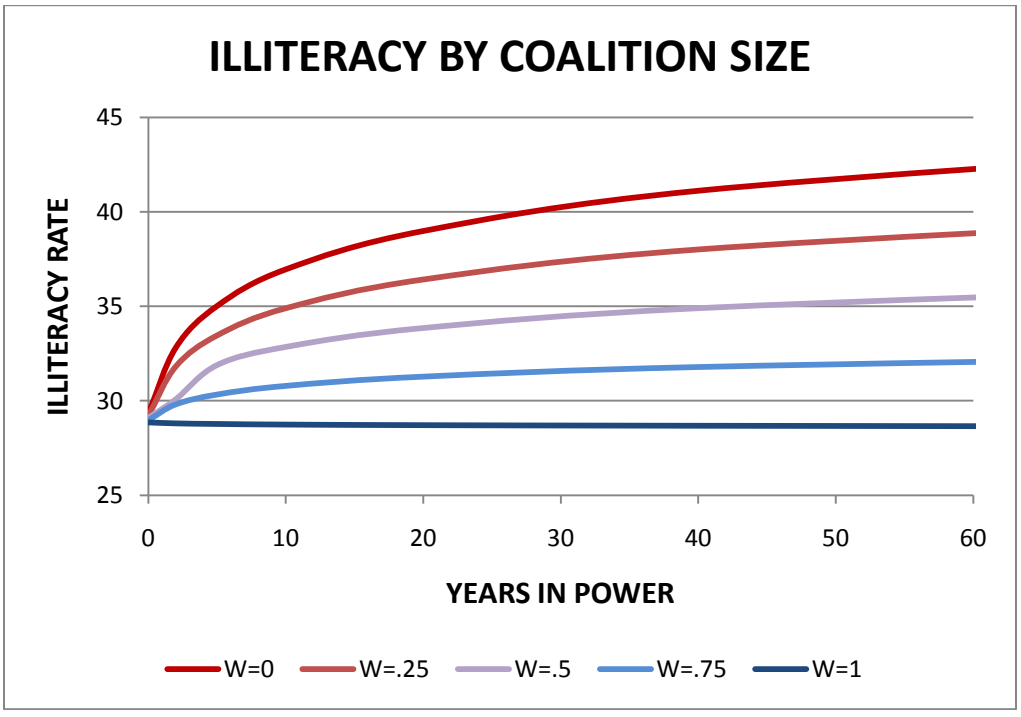
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	-0.47	-6.71**	1.80	-1.08	-1.28
CONSOLIDATION	3.18***	-0.43	4.14***	3.91***	1.53**
W*CONSOLIDATION	-3.23***	1.79	-5.23***	-3.92***	-4.24***
POPULATION	0.34*	0.32*	0.06	-0.08	1.37***
INCOME	-10.41***	-8.78***	-11.72***	-10.33***	
EXEC CONSTRAINTS	-0.00	0.23	0.03	-0.26	-0.86***
CONSTANT	100.62***	93.88***	114.89***	108.00***	19.55***
W=0, TENURE=0	29.33	35.25	29.68	29.63	37.74
W=0, TENURE=22	39.30	33.90	42.67	41.89	42.54
W=0, TENURE=50	41.83	33.55	45.96	45	43.76
W=1, TENURE=0	28.85	28.54	31.49	28.54	36.46
W=1, TENURE=22	28.7	32.8	28.08	28.5	27.97
W=1, TENURE=50	28.67	33.88	27.22	28.49	25.81
1ST DIFF (22 YEARS)					
H1	-0.15	4.26	-3.41	-0.04	-8.49*
H2	9.97*	-1.35	12.99*	12.26*	4.80*
H3	-10.12*	5.61	-16.40*	-12.30*	-13.29*

*p< .1 **p<.05 ***p<.01
>First Differences marked with * are significant at least at the .10 level.


ILLITERACY IN INCLUSIVE REGIMES
ILLITERACY RATE
35
30
25
0
10
20
30
40
50
60
YEARS IN POWER


ILLITERACY IN EXCLUSIVE REGIMES
ILLITERACY RATE
45
40
35
30
25
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: ILLITERACY
EFFECT OF INCLUSION
5
0
-5
-10
-15
-20
0
10
20
30
40
50
60
YEARS IN POWER


ILLITERACY BY COALITION SIZE
ILLITERACY RATE
45
40
35
30
25
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

Educational Attainment

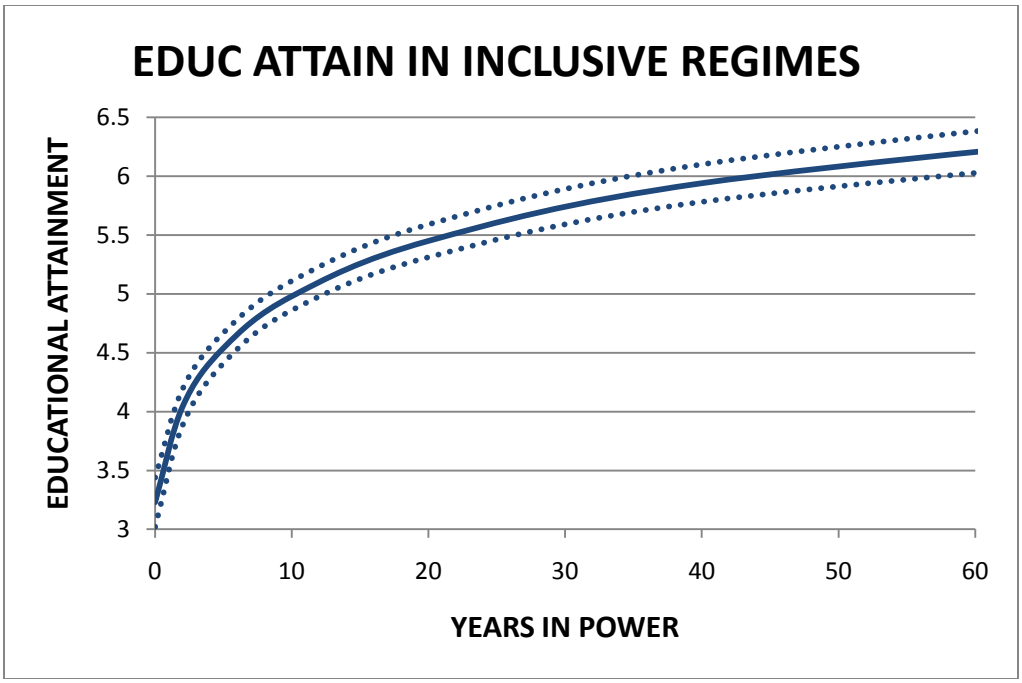
Educational Attainment is equal to the number of years of education for the average adult in the country. This measure is from Przeworski et al. (2000).

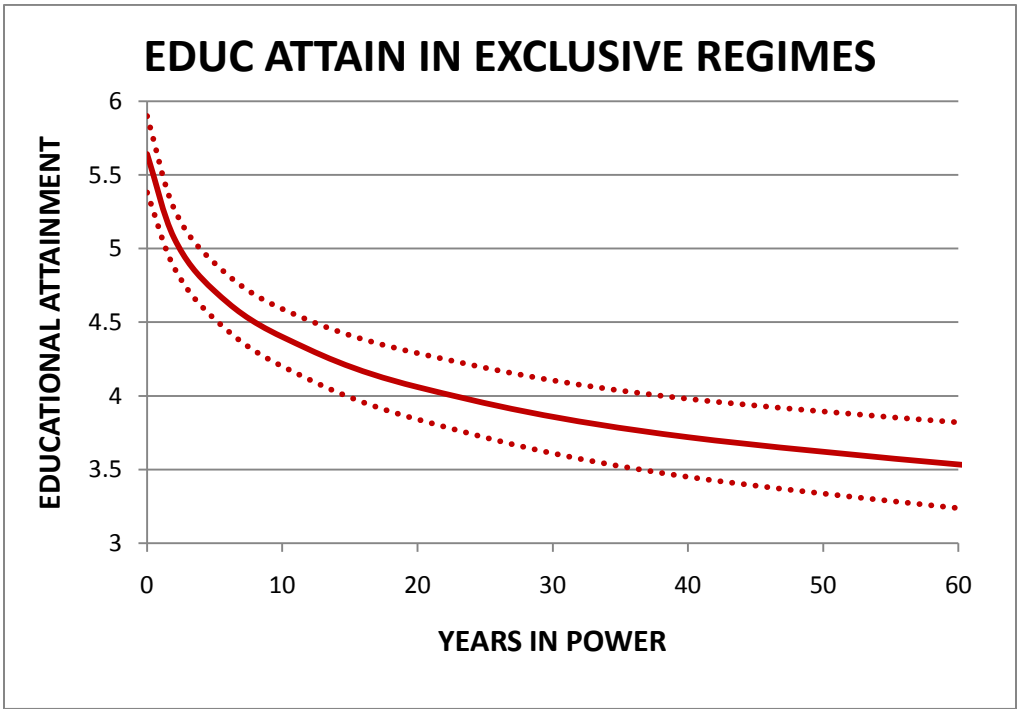
Regression Coefficients

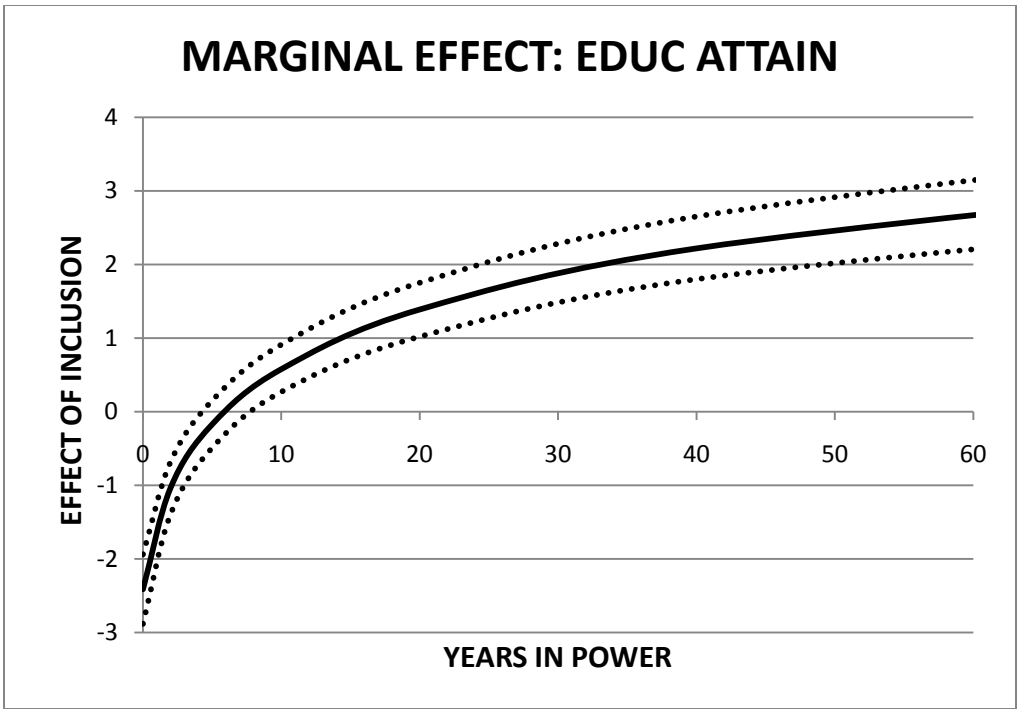
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	-2.40***	-1.55***	-2.65***	-2.41***	-2.19***
CONSOLIDATION	-0.52***	-0.20***	-0.59***	-0.49***	-0.63***
W*CONSOLIDATION	1.25***	0.86***	1.38***	1.25***	1.74***
POPULATION	-0.13***	-0.09	-0.12***	-0.09***	-0.24***
INCOME	1.06***	0.96***	1.07***	1.08***	
EXEC CONSTRAINTS	0.12***	0.05	0.12***	0.14***	0.15***
CONSTANT	-0.58	-0.81	-0.78	-1.54***	8.15***
W=0, TENURE=0	5.64	5.07	5.74	5.64	4.96
W=0, TENURE=22	4.01	4.44	3.89	4.09	2.97
W=0, TENURE=50	3.60	4.27	3.42	3.70	2.46
W=1, TENURE=0	3.23	3.52	3.09	3.23	2.76
W=1, TENURE=22	5.52	5.56	5.57	5.59	6.23
W=1, TENURE=50	6.1	6.08	6.19	6.18	7.11
1ST DIFF (22 YEARS)					
H1	2.29*	2.04*	2.48*	2.36*	3.47*
H2	-1.63*	-0.63*	-1.85*	-1.55*	-1.99*
H3	3.92*	2.67*	4.33*	3.91*	5.46*

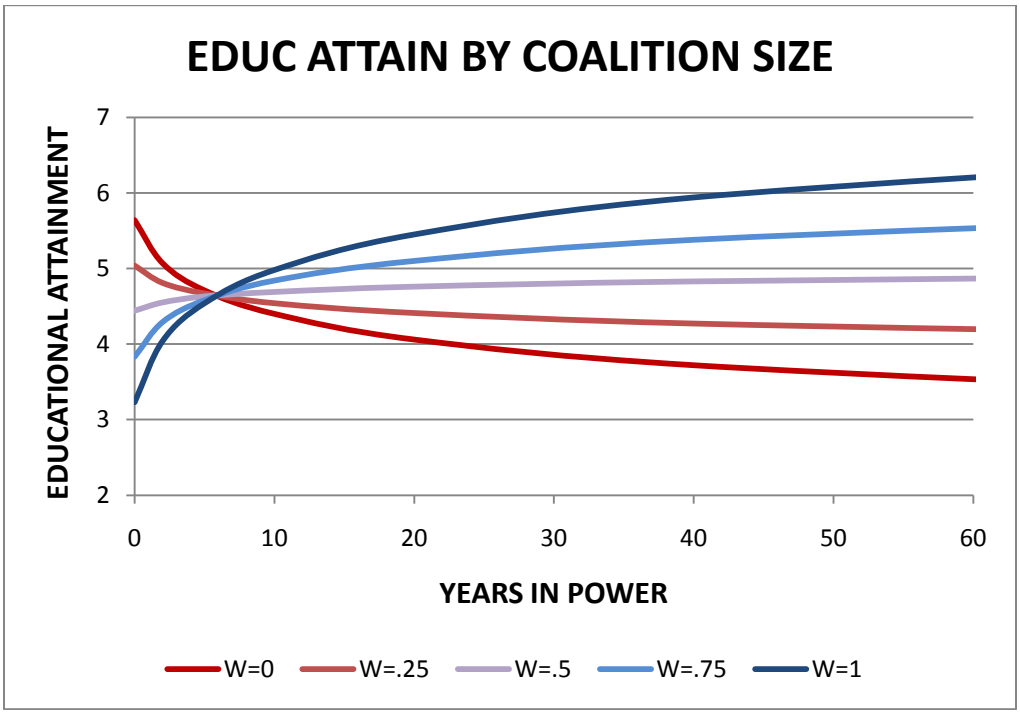
*p< .1 **p<.05 ***p<.01

>First Differences marked with * are significant at least at the .10 level.


EDUC ATTAIN IN INCLUSIVE REGIMES
EDUCATIONAL ATTAINMENT
6.5
6
5.5
5
4.5
4
3.5
3
0
10
20
30
40
50
60
YEARS IN POWER


EDUC ATTAIN IN EXCLUSIVE REGIMES
EDUCATIONAL ATTAINMENT
6
5.5
5
4.5
4
3.5
3
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: EDUC ATTAIN
EFFECT OF INCLUSION
4
3
2
1
0
-1
-2
-3
0
10
20
30
40
50
60
YEARS IN POWER


EDUC ATTAIN BY COALITION SIZE
EDUCATIONAL ATTAINMENT
7
6
5
4
3
2
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

Human Capital Stock

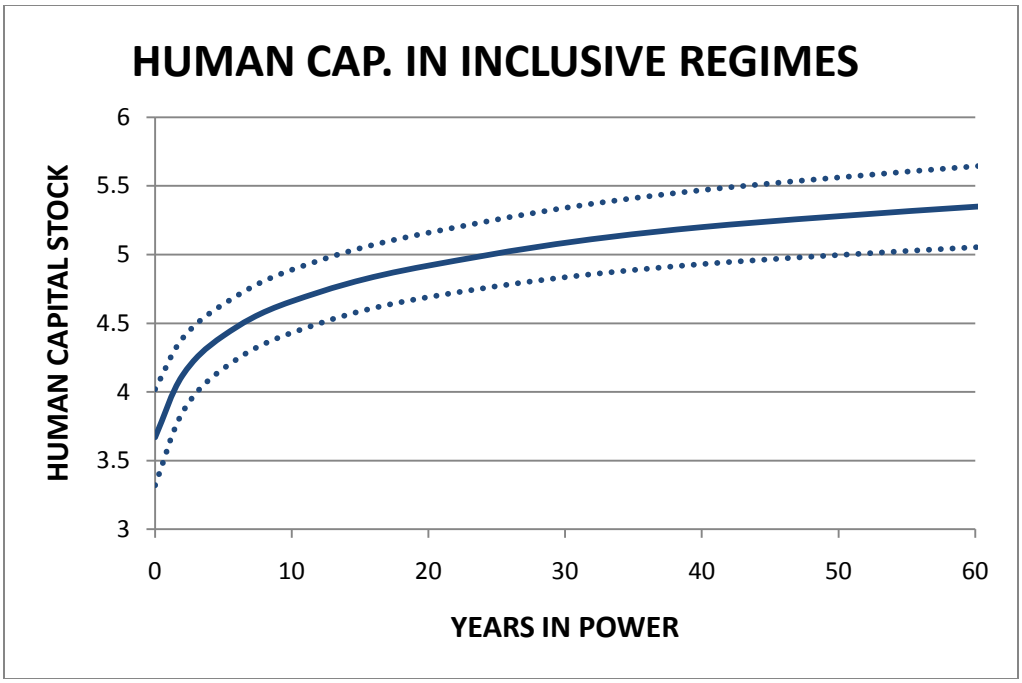
Human Capital Stock is another measure of the number of years of education for the average adult in the country. This measure is from Barro and Lee (2001).

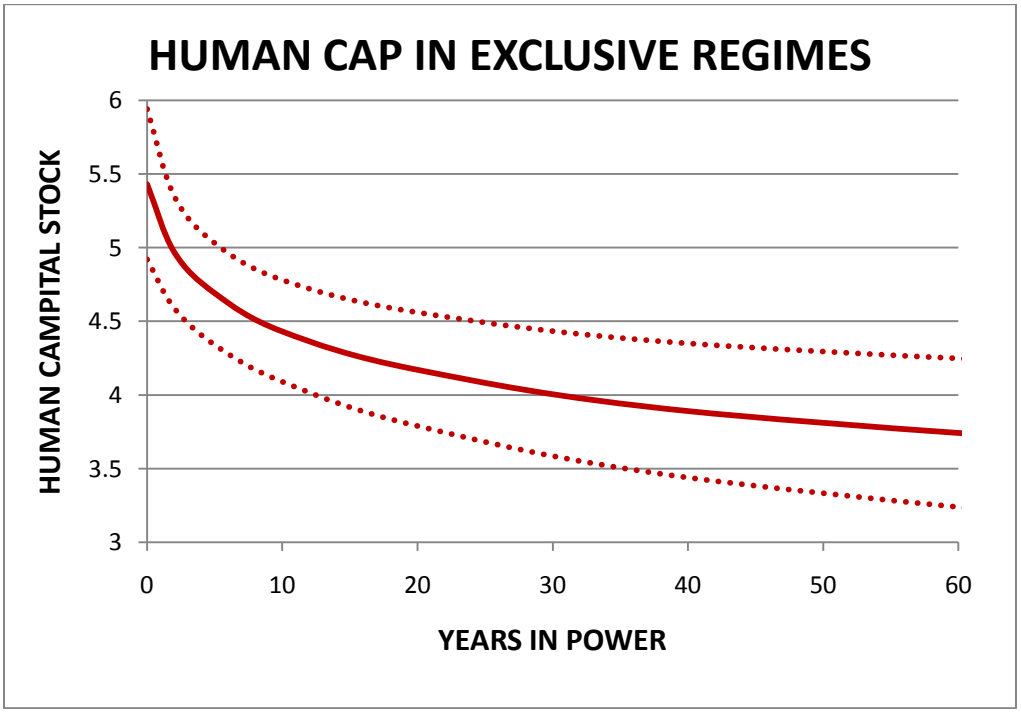
Regression Coefficients

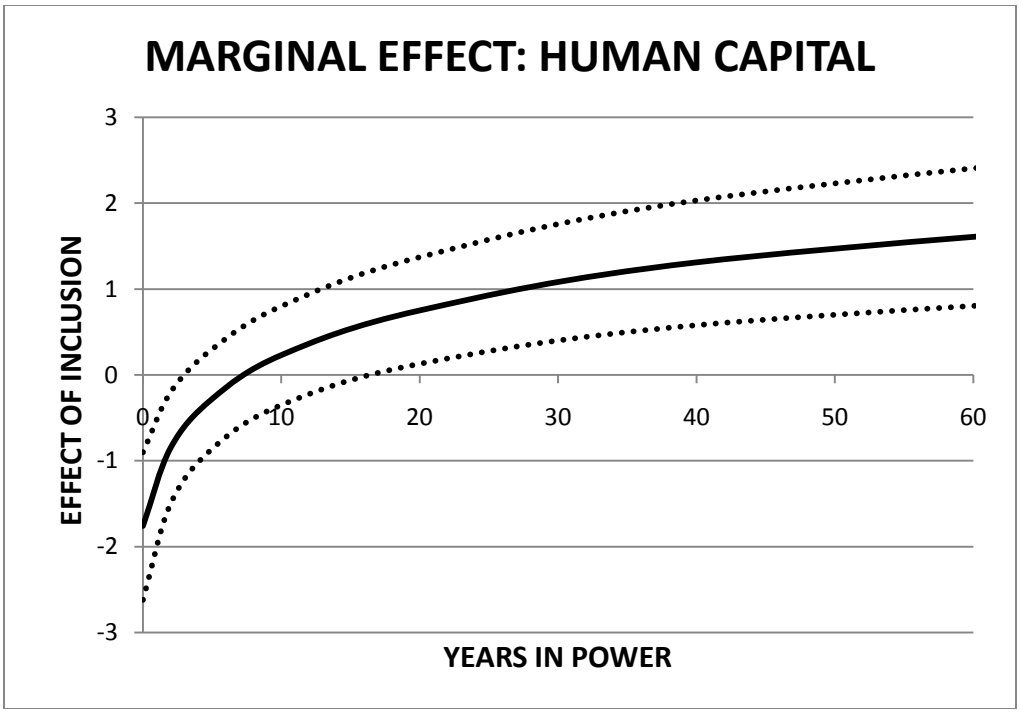
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	-1.76***	-1.09***	-1.93***	-1.75***	-1.79***
CONSOLIDATION	-0.41***	-0.07*	-0.46***	-0.39***	-0.53***
W*CONSOLIDATION	0.83***	0.46***	1.01***	0.82***	1.51***
POPULATION	0.01	-0.01	0.04	0.05	-.010**
INCOME	1.27***	.97***	1.28***	1.25***	
EXEC CONSTRAINTS	0.06	0.11*	0.03	0.10**	0.13**
CONSTANT	-4.28***	-2.96***	-4.74***	-5.06***	5.77***
W=0, TENURE=0	5.43	4.51	5.38	5.27	4.72
W=0, TENURE=22	4.13	4.28	3.93	4.03	3.06
W=0, TENURE=50	3.8	4.23	357	3.72	2.64
W=1, TENURE=0	3.67	3.42	3.45	3.52	2.93
W=1, TENURE=22	4.96	4.63	5.18	4.87	6.02
W=1, TENURE=50	5.29	4.94	5.61	5.21	6.80
1ST DIFF (22 YEARS)					
H1	1.29*	1.21*	1.73*	1.35*	3.09*
H2	-1.30*	-0.23	-1.45*	-1.24*	-1.66*
H3	2.59*	1.44*	3.18*	2.59*	4.75*

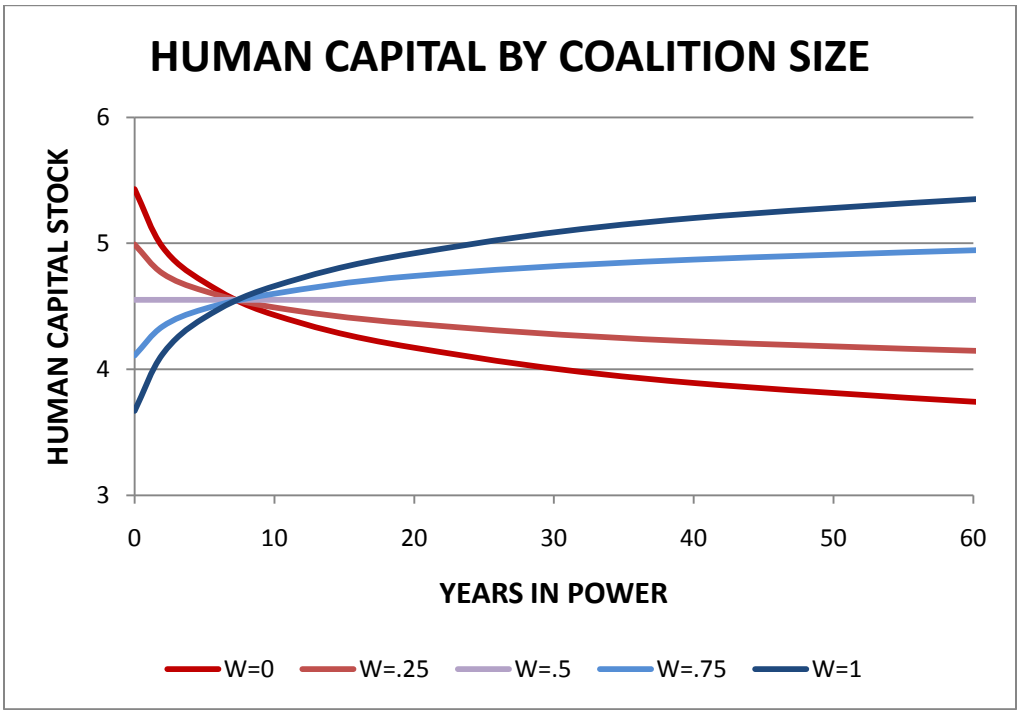
*p< .1 **p<.05 ***p<.01

>First Differences marked with * are significant at least at the .10 level.


HUMAN CAP. IN INCLUSIVE REGIMES
HUMAN CAPITAL STOCK
6
5.5
5
4.5
4
3.5
3
0
10
20
30
40
50
60
YEARS IN POWER


HUMAN CAP IN EXCLUSIVE REGIMES
HUMAN CAMPITAL STOCK
6
5.5
5
4.5
4
3.5
3
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: HUMAN CAPITAL
EFFECT OF INCLUSION
3
2
1
0
-1
-2
-3
0
10
20
30
40
50
60
YEARS IN POWER


HUMAN CAPITAL BY COALITION SIZE
HUMAN CAPITAL STOCK
6
5
4
3
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

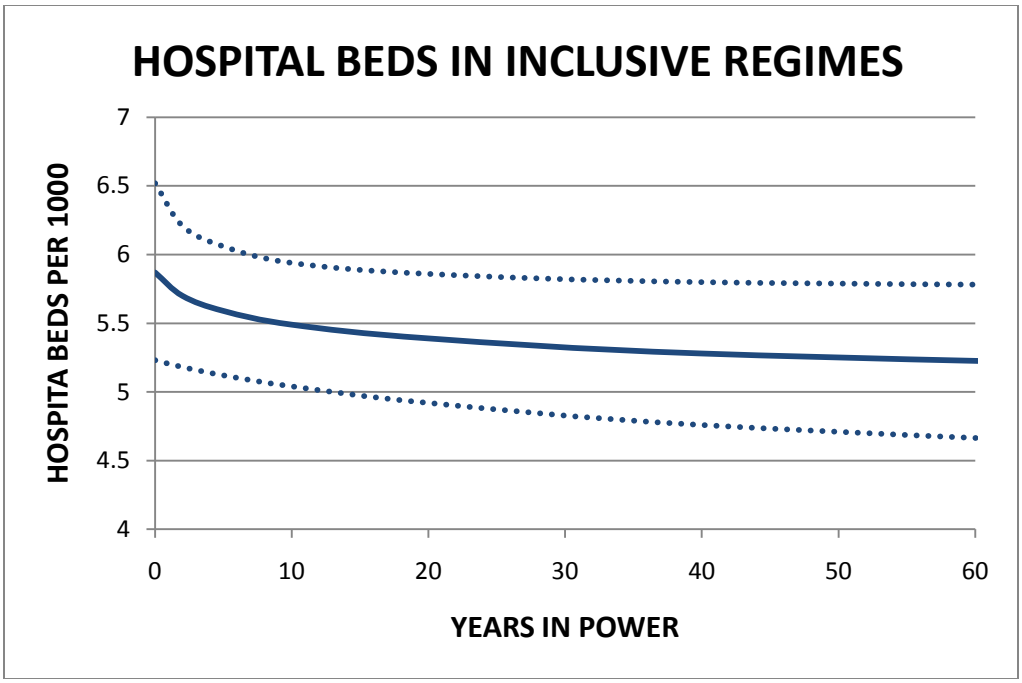
Hospital Beds

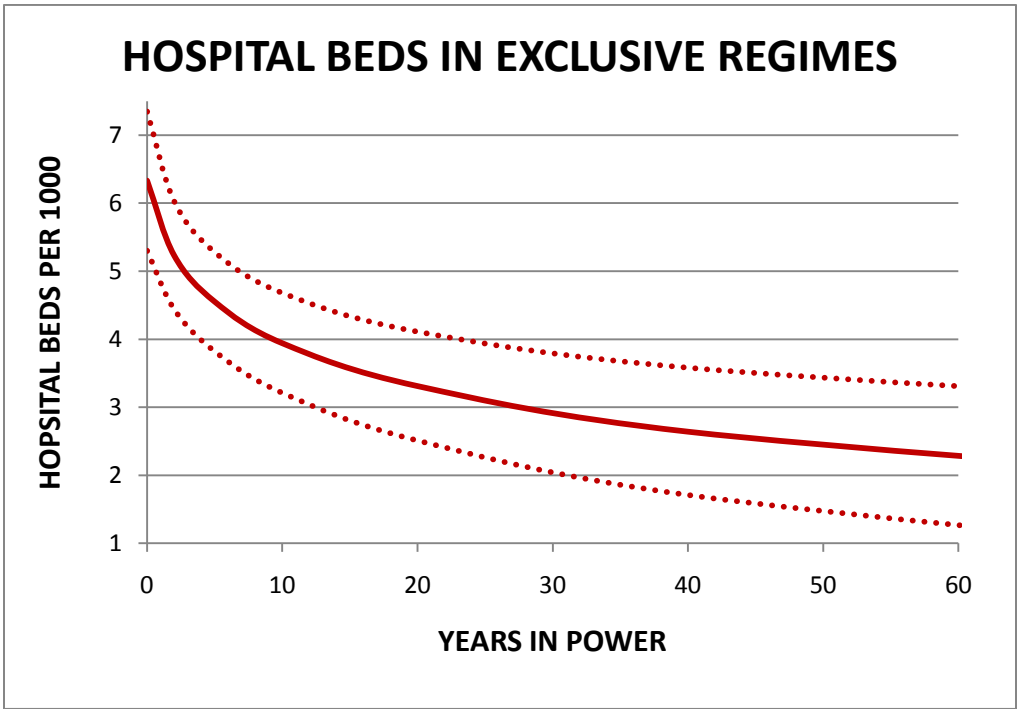
Hospital Beds (per 1000) is from the World Bank Development Indicators.

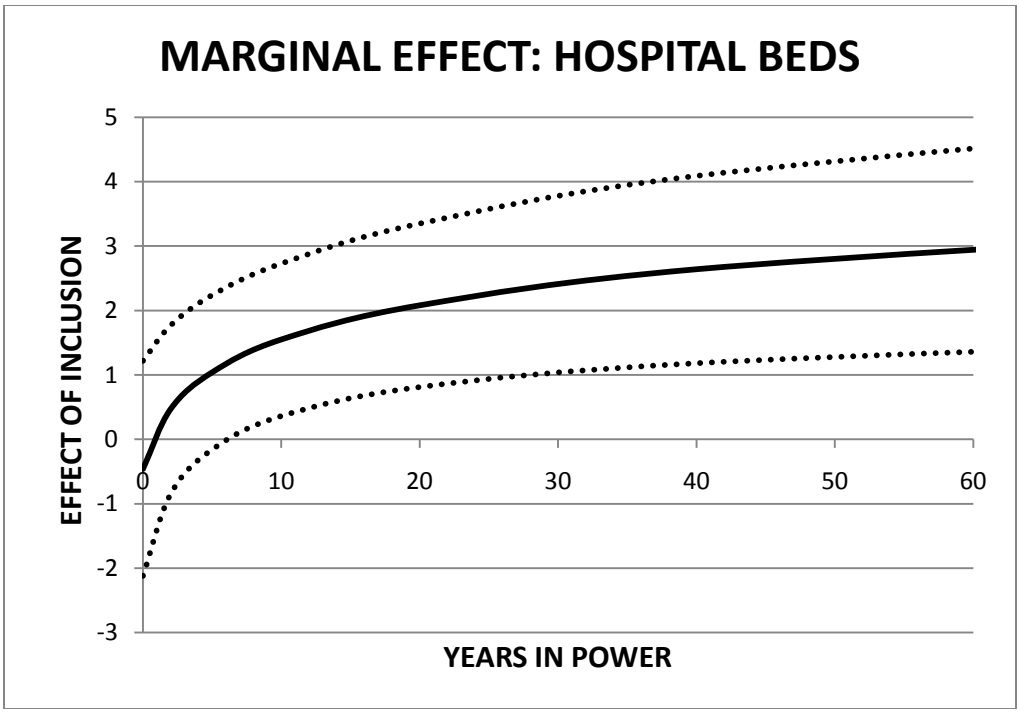
Regression Coefficients

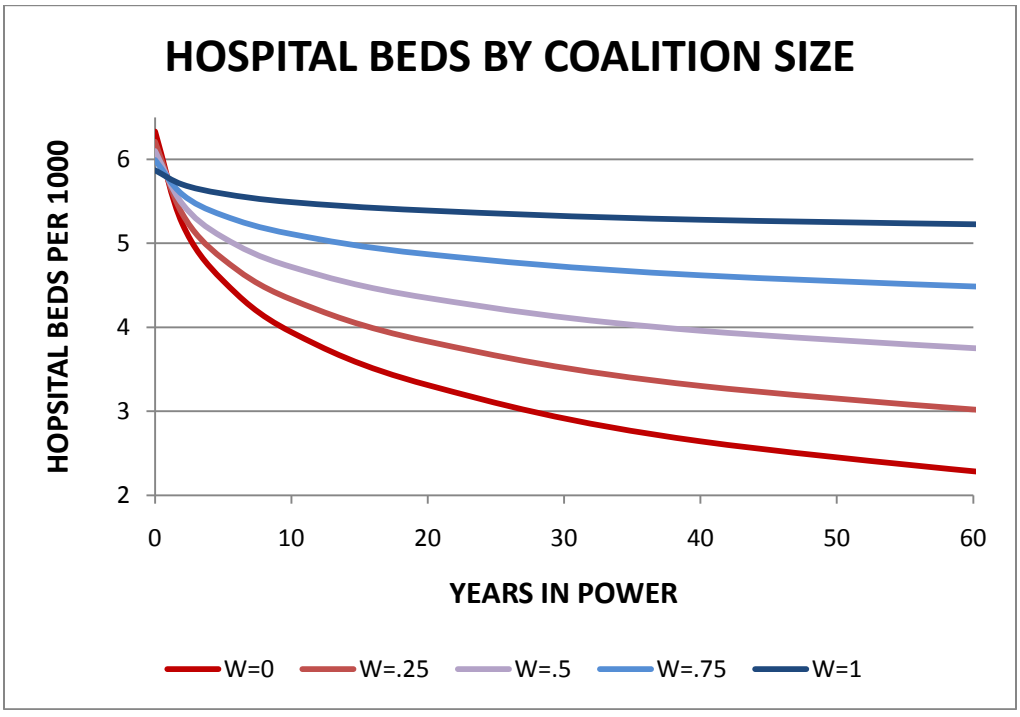
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	-0.45	-0.96	-2.52***	0.29	-0.03
CONSOLIDATION	-0.99***	0.42*	-1.30***	-1.03***	-0.89***
W*CONSOLIDATION	0.83***	-0.86**	1.89***	0.92**	1.10***
POPULATION	-0.24***	0.01	-0.34***	-0.16***	-0.26*
INCOME	0.60***	1.85***	1.03***	0.62***	
EXEC CONSTRAINTS	-.05	-1.15***	-0.14*	-0.07	-0.02
CONSTANT	5.95***	-4.87**	3.74***	3.58***	9.62***
W=0, TENURE=0	6.33	4.27	5.43	5.39	5.48
W=0, TENURE=22	3.21	5.6	1.36	2.14	2.68
W=0, TENURE=50	2.42	5.94	0.32	1.32	
					1.97
W=1, TENURE=0	5.87	3.3	2.91	5.68	5.45
W=1, TENURE=22	5.37	1.94	4.78	5.33	6.11
W=1, TENURE=50	5.25	1.59	5.25	5.25	6.28
1ST DIFF (22 YEARS)					
H1	-0.50	-1.36	1.87*	-0.35	0.66
H2	-3.12*	1.33	-4.07*	-3.25*	-2.80*
H3	2.62	-2.69	5.94*	2.90	3.46*

*p< .1 **p<.05 ***p<.01
>First Differences marked with * are significant at least at the .10 level.


HOSPITAL BEDS IN INCLUSIVE REGIMES
HOSPITA BEDS PER 1000
7
6.5
6
5.5
5
4.5
4
0
10
20
30
40
50
60
YEARS IN POWER


HOSPITAL BEDS IN EXCLUSIVE REGIMES
HOPSITAL BEDS PER 1000
7
6
5
4
3
2
1
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: HOSPITAL BEDS
EFFECT OF INCLUSION
5
4
3
2
1
0
-1
-2
-3
0
10
20
30
40
50
60
YEARS IN POWER


HOSPITAL BEDS BY COALITION SIZE
HOPSITAL BEDS PER 1000
6
5
4
3
2
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

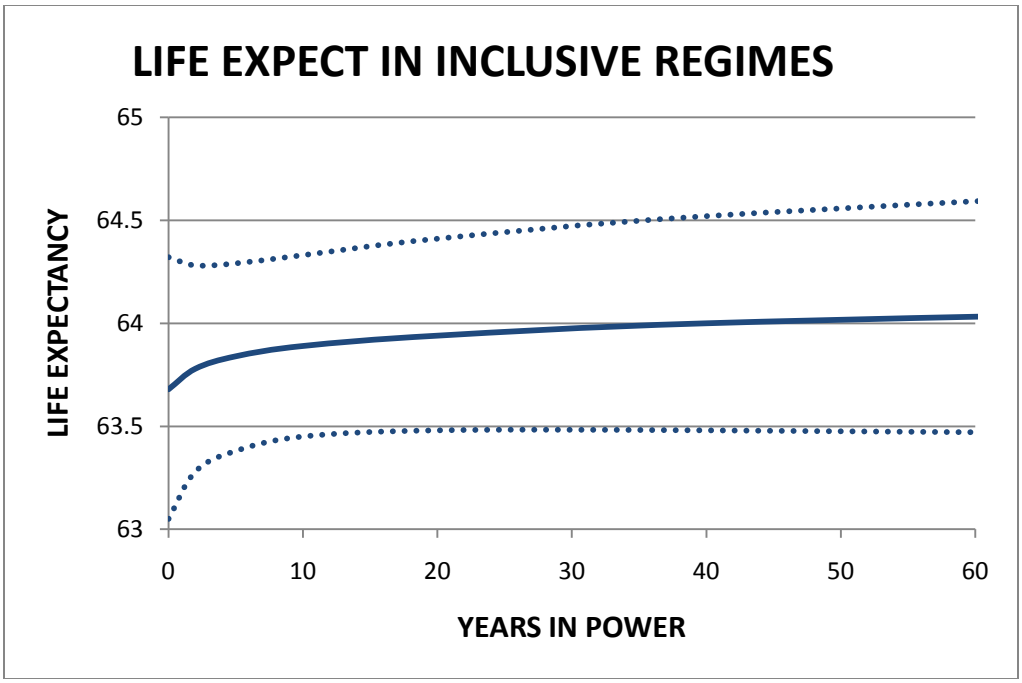
Life Expectancy

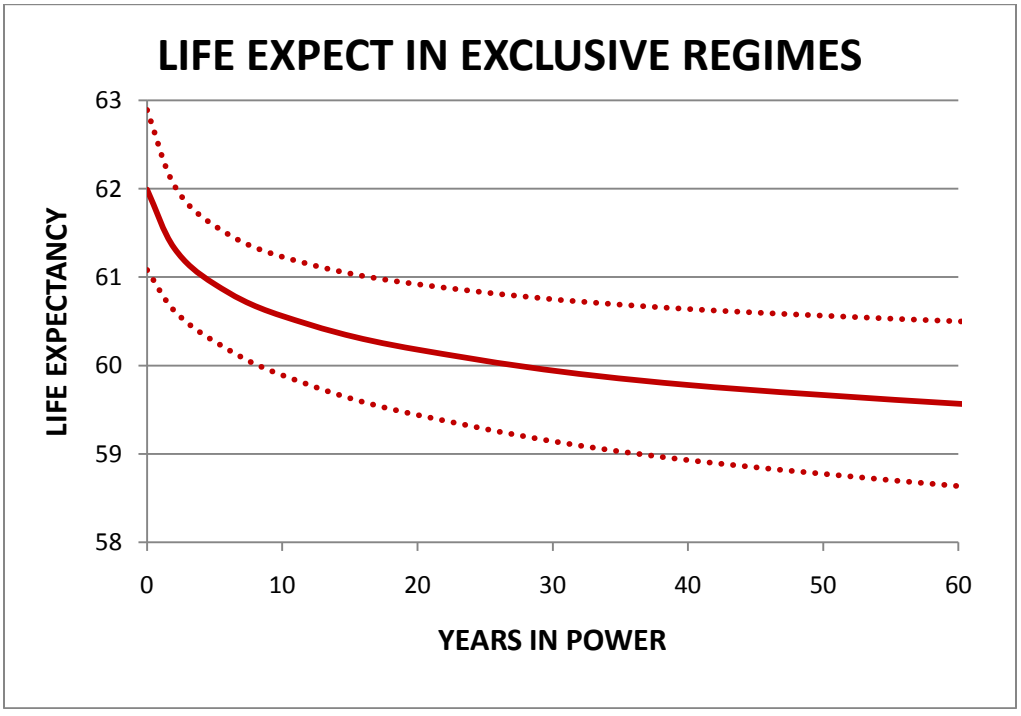
Life Expectancy is measured in the World Bank Development Indicators.

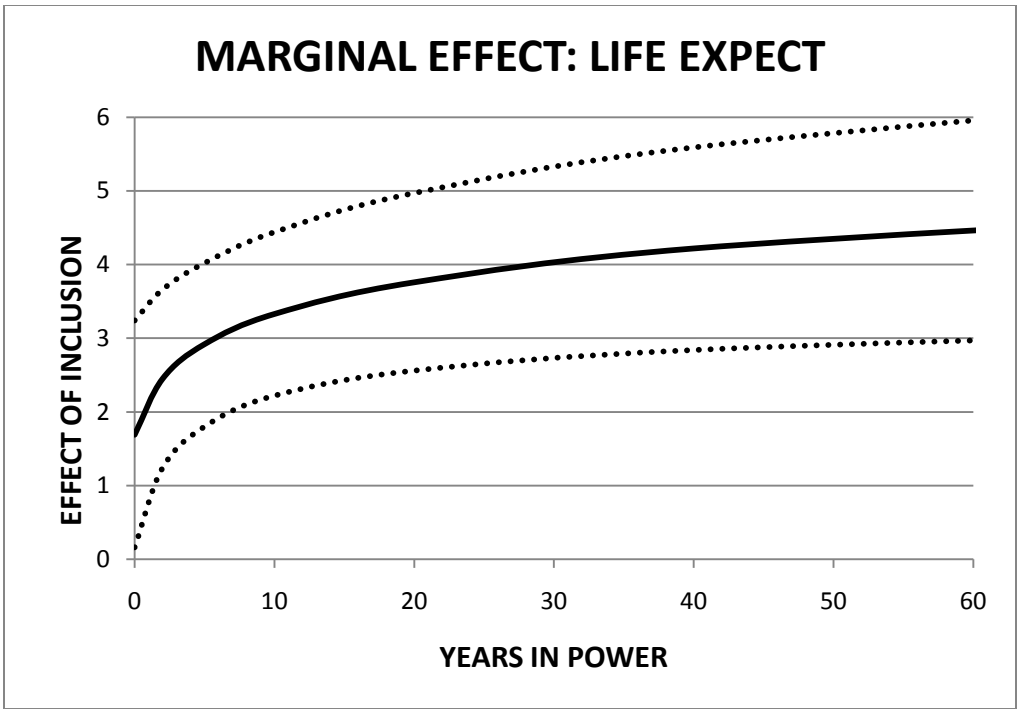
Regression Coefficients

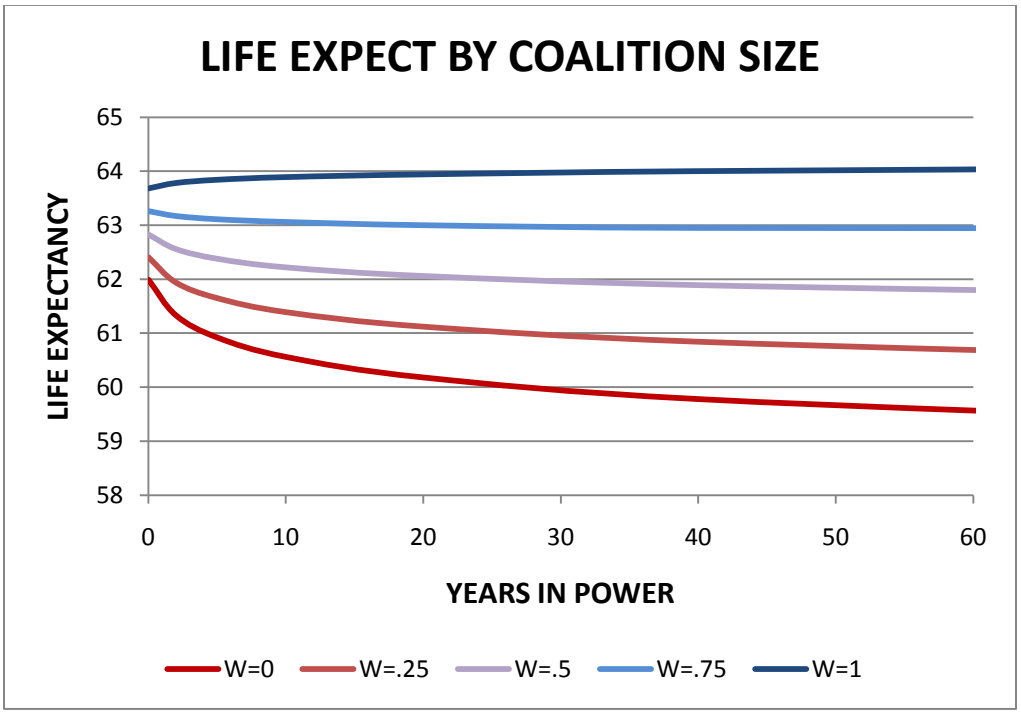
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	1.70**	2.06**	-0.33	1.76**	3.18***
CONSOLIDATION	-0.59***	0.25*	-1.20***	-0.57**	-0.50**
W*CONSOLIDATION	0.68***	0.27	2.05***	.64***	2.267***
POPULATION	-0.02	0.02	-0.04	-0.00	-0.14*
INCOME	3.56***	3.50***	3.86***	3.61***	
EXEC CONSTRAINTS	-0.07	-0.15*	-0.01	-0.48	0.01
CONSTANT	36.41***	32.47***	32.93***	36.42***	61.44***
W=0, TENURE=0	61.99	57.96	60.60	62.74	59.21
W=0, TENURE=22	60.12	58.74	56.83	60.95	57.64
W=0, TENURE=50	59.65	58.94	55.87	60.50	57.24
W=1, TENURE=0	63.69	60.02	60.28	64.5	62.4
W=1, TENURE=22	63.95	61.64	62.94	64.72	67.93
W=1, TENURE=50	64.02	62.05	63.62	64.78	69.34
1ST DIFF (22 YEARS)					
H1	0.26	1.62*	2.66*	0.22	5.53*
H2	-1.87*	0.78	-3.77*	-1.79	-1.57
H3	2.13	0.84	6.43*	2.01	7.10*

*p< .1 **p<.05 ***p<.01
>First Differences marked with * are significant at least at the .10 level.


LIFE EXPECT IN INCLUSIVE REGIMES
LIFE EXPECTANCY
65
64.5
64
63.5
63
0
10
20
30
40
50
60
YEARS IN POWER


LIFE EXPECT IN EXCLUSIVE REGIMES
LIFE EXPECTANCY
63
62
61
60
59
58
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: LIFE EXPECT
EFFECT OF INCLUSION
0
1
2
3
4
5
6
0
10
20
30
40
50
60
YEARS IN POWER


LIFE EXPECT BY COALITION SIZE
LIFE EXPECTANCY
58
59
60
61
62
63
64
65
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

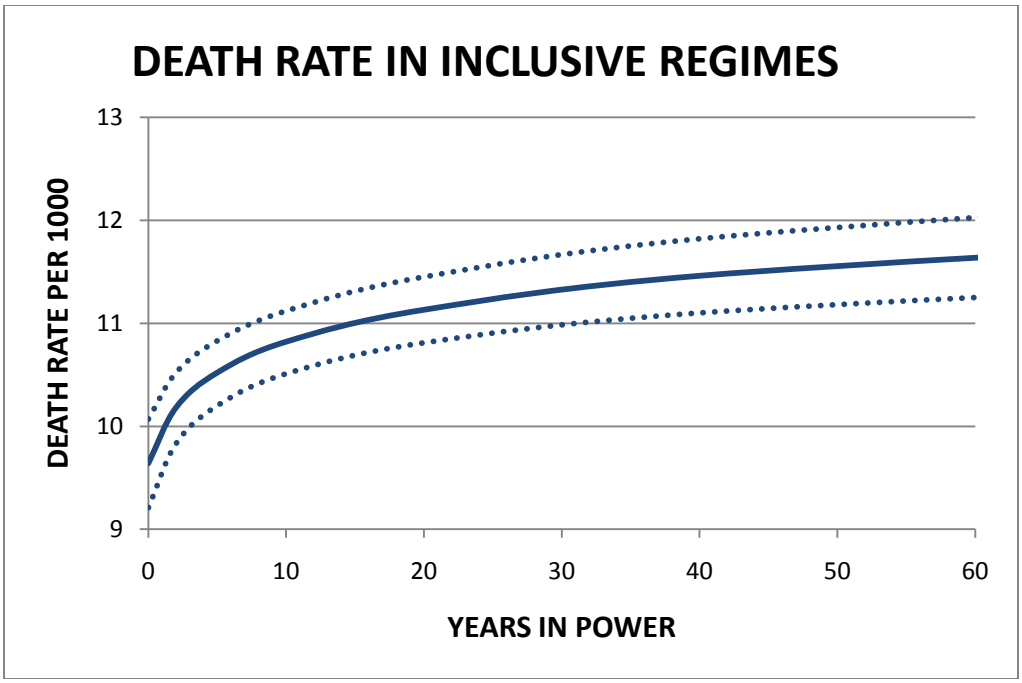
Death Rate

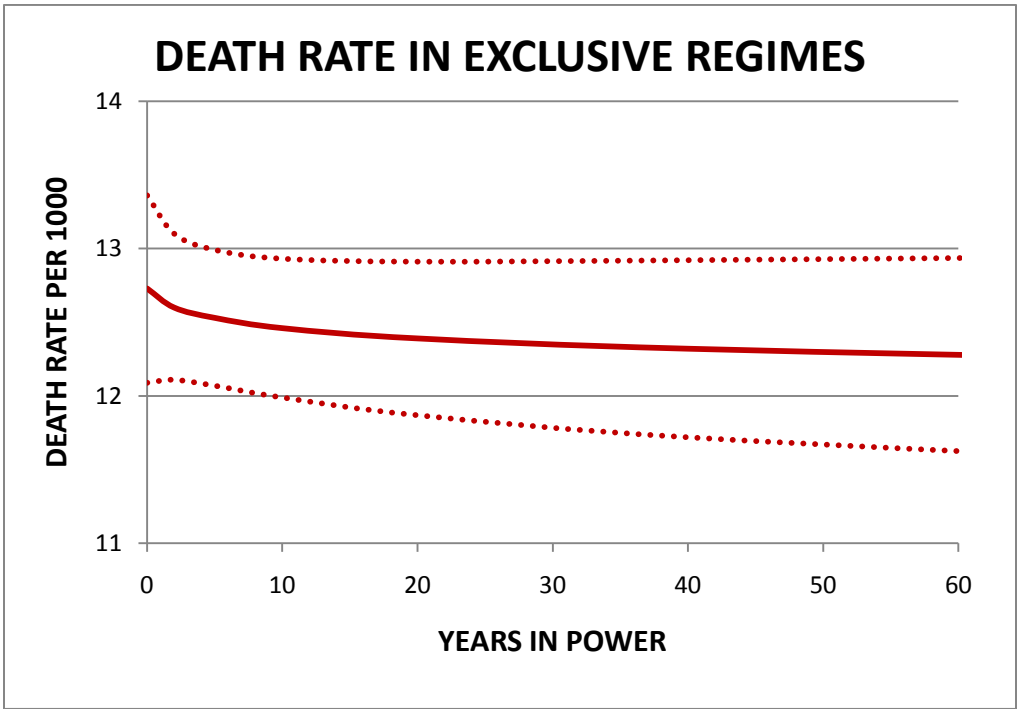
Death Rate per 1000 is measured in the World Bank Development Indicators.

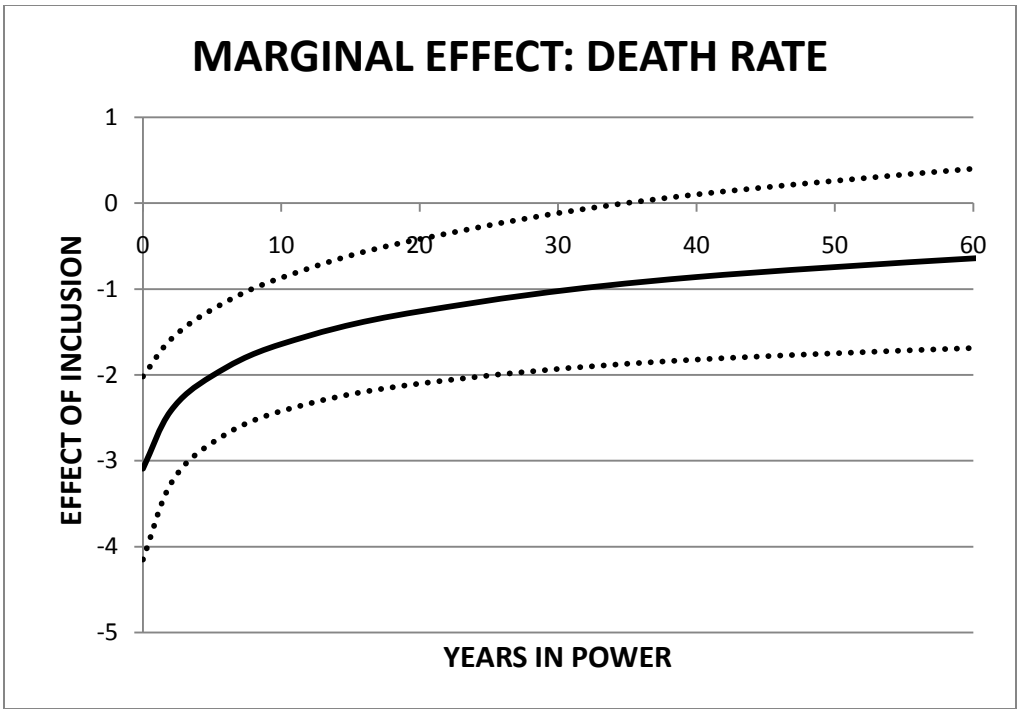
Regression Coefficients

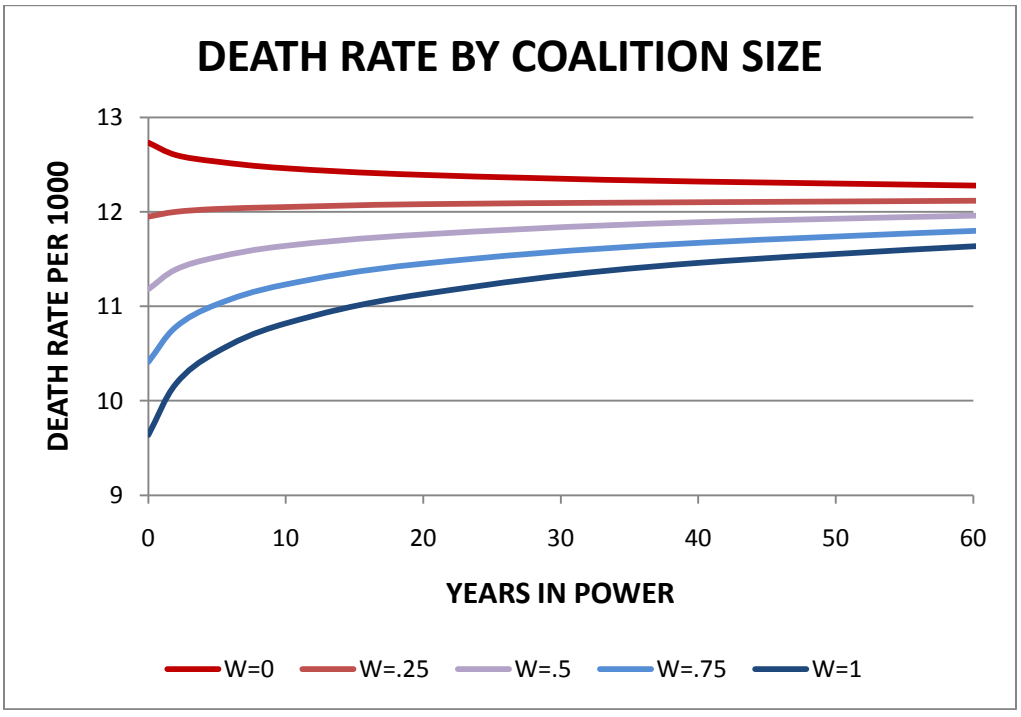
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	-3.09***	-3.16***	-3.93***	-3.11***	-4.11***
CONSOLIDATION	-0.11	-0.48***	-0.14	-0.17	-0.15
W*CONSOLIDATION	0.60***	0.71***	0.70***	0.66***	0.07
POPULATION	0.06	0.11***	0.01	0.05	0.14***
INCOME	-1.23***	-1.39***	-1.36***	-1.26***	
EXEC CONSTRAINTS	0.12**	0.11	0.06	0.10*	0.14**
CONSTANT	20.30***	22.65***	22.38***	19.68***	11.26***
W=0, TENURE=0	12.73	14.56	12.67	11.65	14.05
W=0, TENURE=22	12.38	13.05	12.23	11.13	13.57
W=0, TENURE=50	12.29	12.67	12.11	10.99	13.44
W=1, TENURE=0	9.64	11.39	8.74	8.54	9.94
W=1, TENURE=22	11.18	12.12	10.49	10.1	9.68
W=1, TENURE=50	11.57	12.3	10.93	10.5	9.61
1ST DIFF (22 YEARS)					
H1	1.54*	0.73	1.75*	1.56*	-0.26
H2	-0.35	-1.51*	-0.44	-0.52	-0.48
H3	1.89	2.24	2.19	2.08	0.22

*p< .1 **p<.05 ***p<.01
>First Differences marked with * are significant at least at the .10 level.


DEATH RATE IN INCLUSIVE REGIMES
DEATH RATE PER 1000
13
12
11
10
9
0
10
20
30
40
50
60
YEARS IN POWER


DEATH RATE IN EXCLUSIVE REGIMES
DEATH RATE PER 1000
14
13
12
11
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: DEATH RATE
EFFECT OF INCLUSION
1
0
-1
-2
-3
-4
-5
0
10
20
30
40
50
60
YEARS IN POWER


DEATH RATE BY COALITION SIZE
DEATH RATE PER 1000
13
12
11
10
9
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

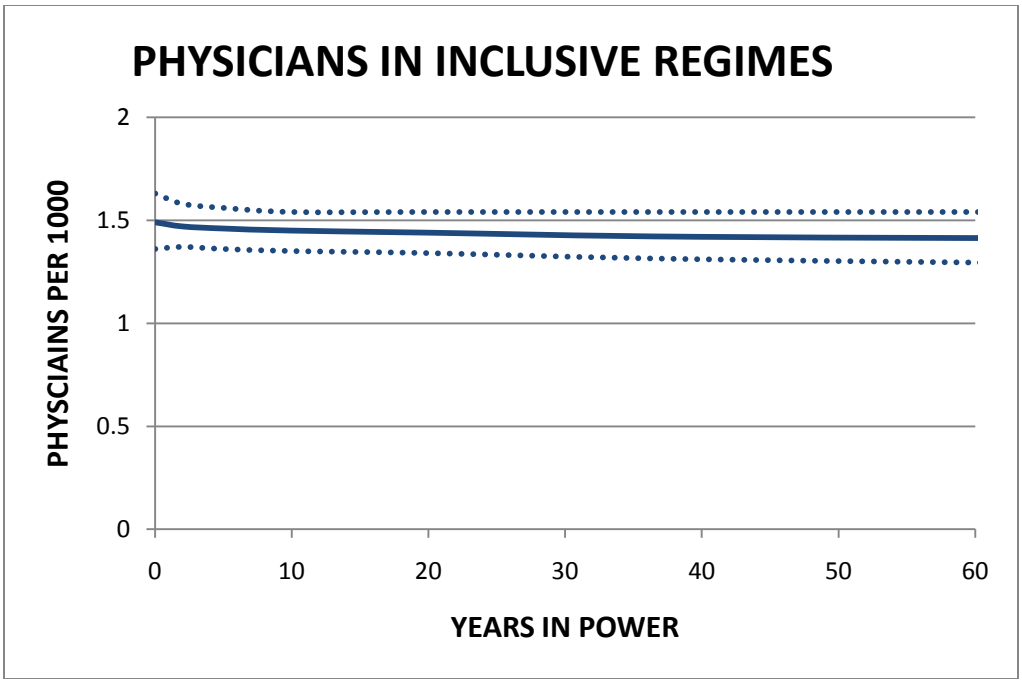
Physicians

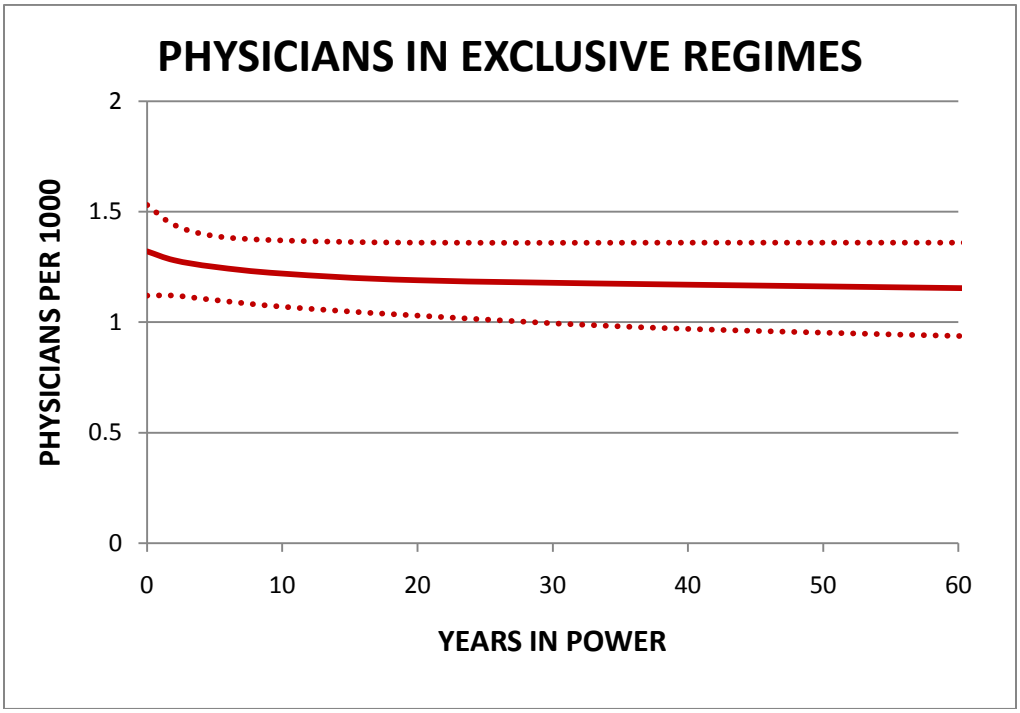
Physicians per 1000 is measured in the World Bank Development Indicators.

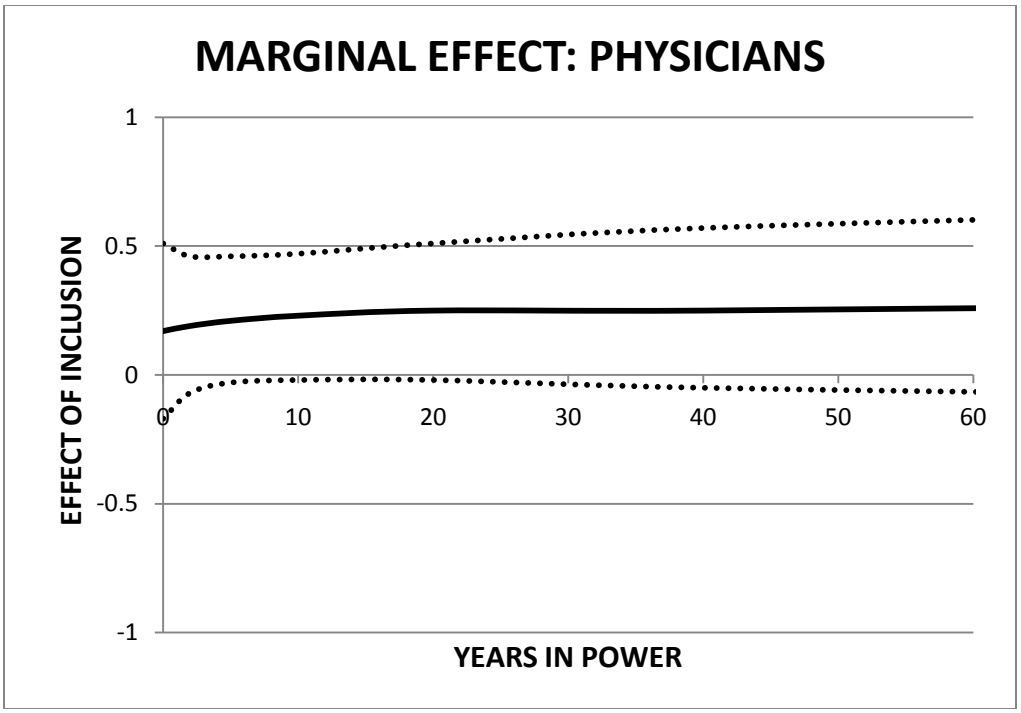
Regression Coefficients

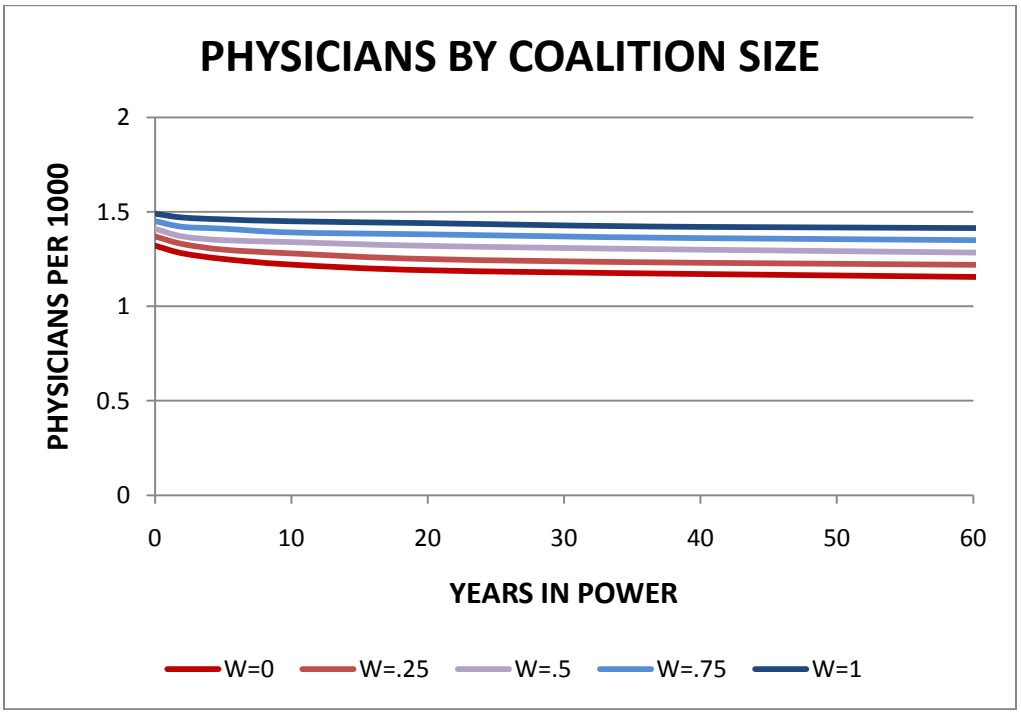
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	0.17	0.44	-0.20	*no conv.*	0.20
CONSOLIDATION	-0.04	0.15***	-0.09*		-0.03
W*CONSOLIDATION	0.02	-0.28***	0.23***		0.07
POPULATION	-0.02	-0.01	-0.02		-0.03**
INCOME	0.11***	0.27***	0.18***		
EXEC CONSTRAINTS	-0.02	-0.14***	-0.03		-0.02
CONSTANT	0.93***	-0.51*	0.02		1.74***
W=0, TENURE=0	1.32	0.76	.86		1.22
W=0, TENURE=22	1.19	1.22	.58		1.12
W=0, TENURE=50	1.16	1.34	.51		1.10
W=1, TENURE=0	1.49	1.2	0.66		1.42
W=1, TENURE=22	1.44	0.78	1.09		1.55
W=1, TENURE=50	1.42	0.68	1.2		1.57
1ST DIFF (22 YEARS)					
H1	-0.05	-0.42	0.43*		0.13
H2	-0.13	0.46	-0.28		-0.1
H3	0.08	-0.88	0.71*		0.23

*p< .1 **p<.05 ***p<.01
>First Differences marked with * are significant at least at the .10 level.


PHYSICIANS IN INCLUSIVE REGIMES
PHYSCIAINS PER 1000
2
1.5
1
0.5
0
0
10
20
30
40
50
60
YEARS IN POWER


PHYSICIANS IN EXCLUSIVE REGIMES
PHYSICIANS PER 1000
2
1.5
1
0.5
0
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: PHYSICIANS
EFFECT OF INCLUSION
1
0.5
0
-0.5
-1
0
10
20
30
40
50
60
YEARS IN POWER


PHYSICIANS BY COALITION SIZE
PHYSICIANS PER 1000
2
1.5
1
0.5
0
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

Infant Mortality

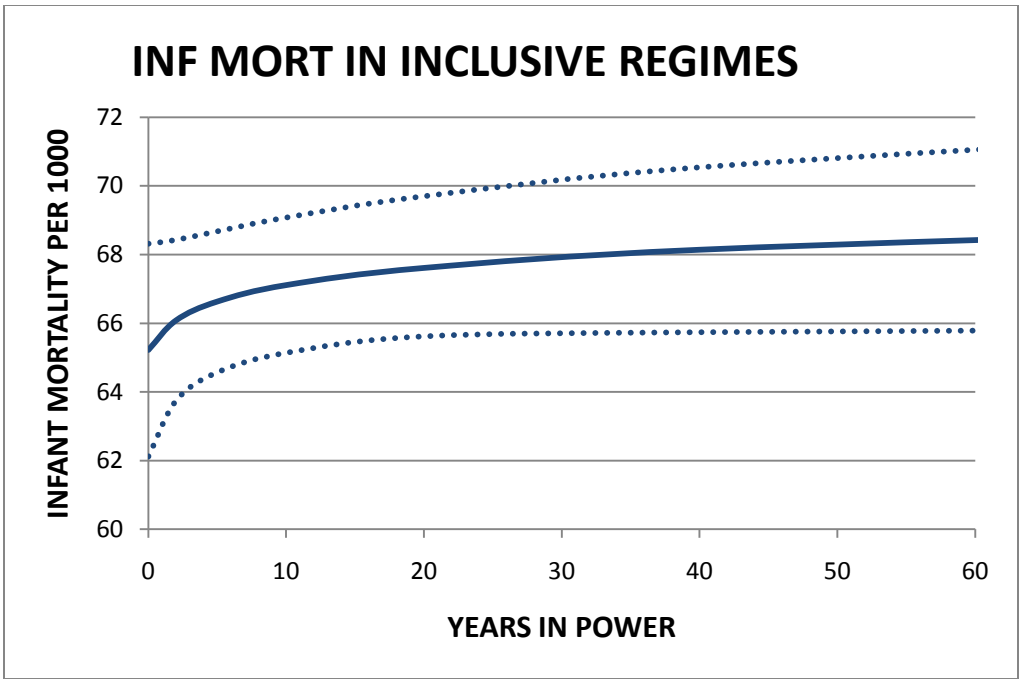
Infant Mortality Rate is the number of children per 1000 that die before reaching the second birthday. Source: Abouharb and Kimball (2007).

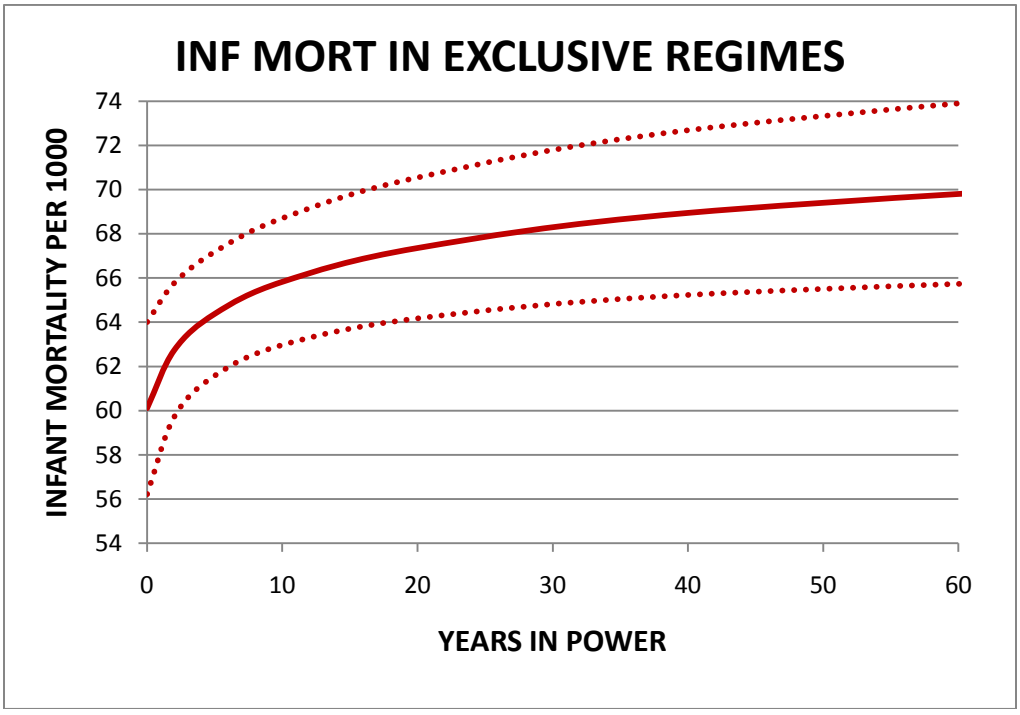
Regression Coefficients

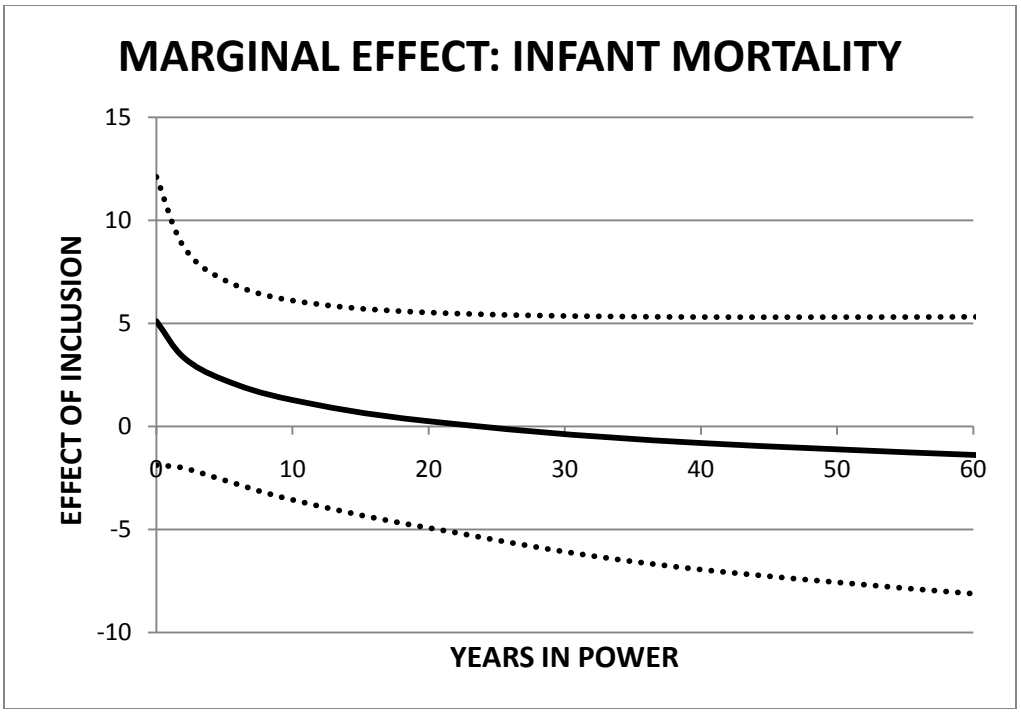
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	5.11	-0.70	16.56***	3.68	4.18
CONSOLIDATION	2.38***	-2.32**	4.67***	1.93**	1.71*
W*CONSOLIDATION	-1.60	1.90*	-7.38***	-0.92	-9.57***
POPULATION	0.64**	0.58*	0.70**	0.17	1.72***
INCOME	-17.27***	-16.02***	-18.36***	-17.91***	
EXEC CONSTRAINTS	-2.74***	-2.36***	-2.94***	-3.08***	-3.52***
CONSTANT	187.97***	193.03***	195.91***	203.21***	62.65***
W=0, TENURE=0	60.11	74.75	60.04	61.78	75.74
W=0, TENURE=22	67.58	67.46	74.68	67.82	79.92
W=0, TENURE=50	69.48	65.61	78.40	69.35	82.45
W=1, TENURE=0	65.22	74.04	76.59	65.46	81.09
W=1, TENURE=22	67.69	72.72	68.11	68.59	55.28
W=1, TENURE=50	68.31	72.38	65.96	69.39	49.02
1ST DIFF (22 YEARS)					
H1	2.47	-1.32	-8.48*	3.13	-25.81*
H2	7.47*	-7.29	14.64*	6.04	4.18
H3	-5.01	5.97	-23.12*	-2.91	-29.99*

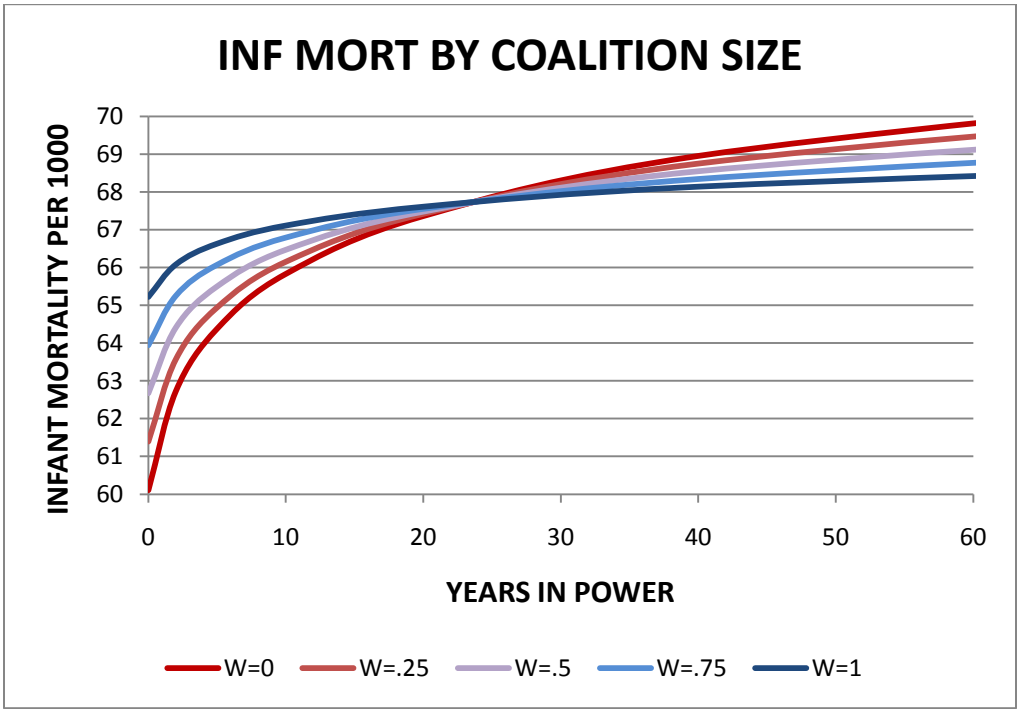
*p< .1 **p<.05 ***p<.01

>First Differences marked with * are significant at least at the .10 level.


INF MORT IN INCLUSIVE REGIMES
INFANT MORTALITY PER 1000
72
70
68
66
64
62
60
0
10
20
30
40
50
60
YEARS IN POWER


INF MORT IN EXCLUSIVE REGIMES
INFANT MORTALITY PER 1000
74
72
70
68
66
64
62
60
58
56
54
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: INFANT MORTALITY
EFFECT OF INCLUSION
15
10
5
0
-5
-10
0
10
20
30
40
50
60
YEARS IN POWER


INF MORT BY COALITION SIZE
INFANT MORTALITY PER 1000
70
69
68
67
66
65
64
63
62
61
60
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

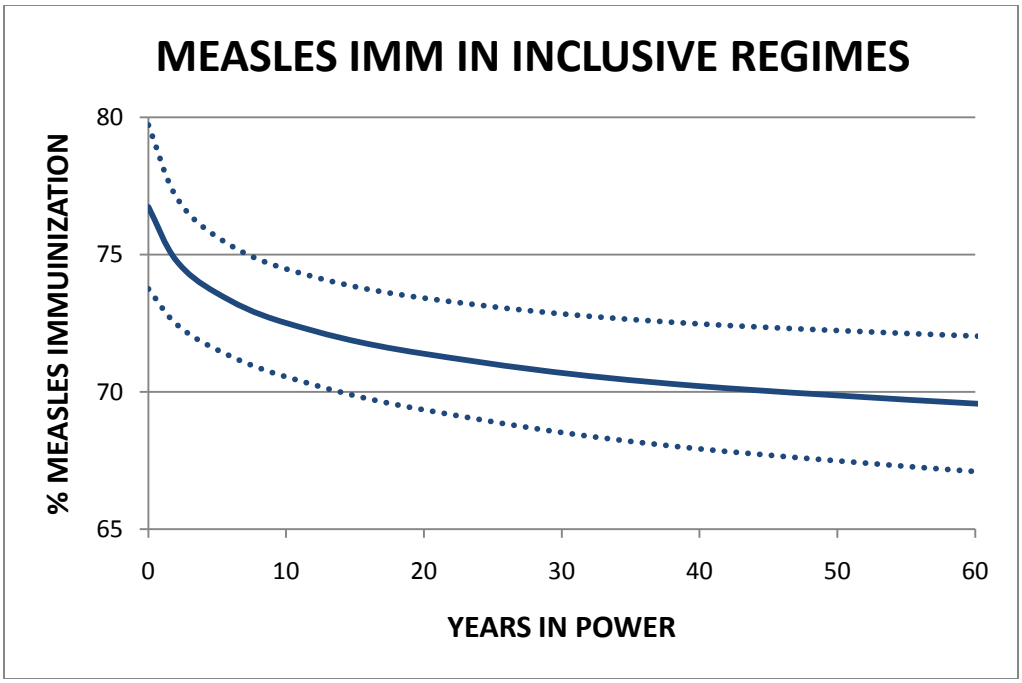
Measles Immunizations

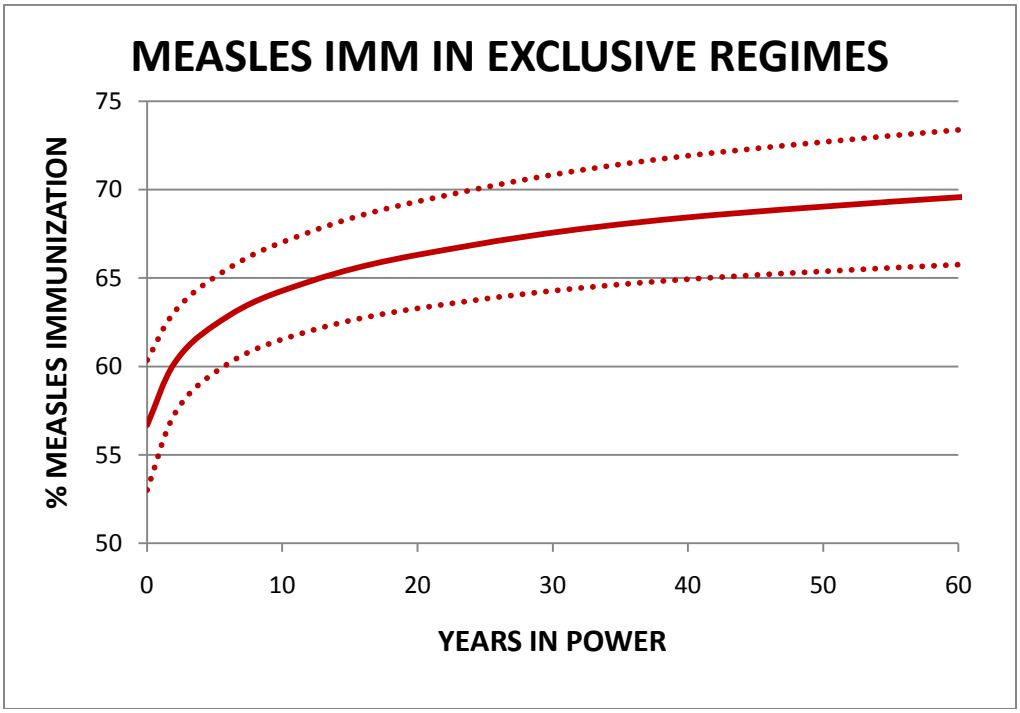
This measure from the World Bank Development Indicators is the percentage of children 12-24 months that received a measles vaccination.

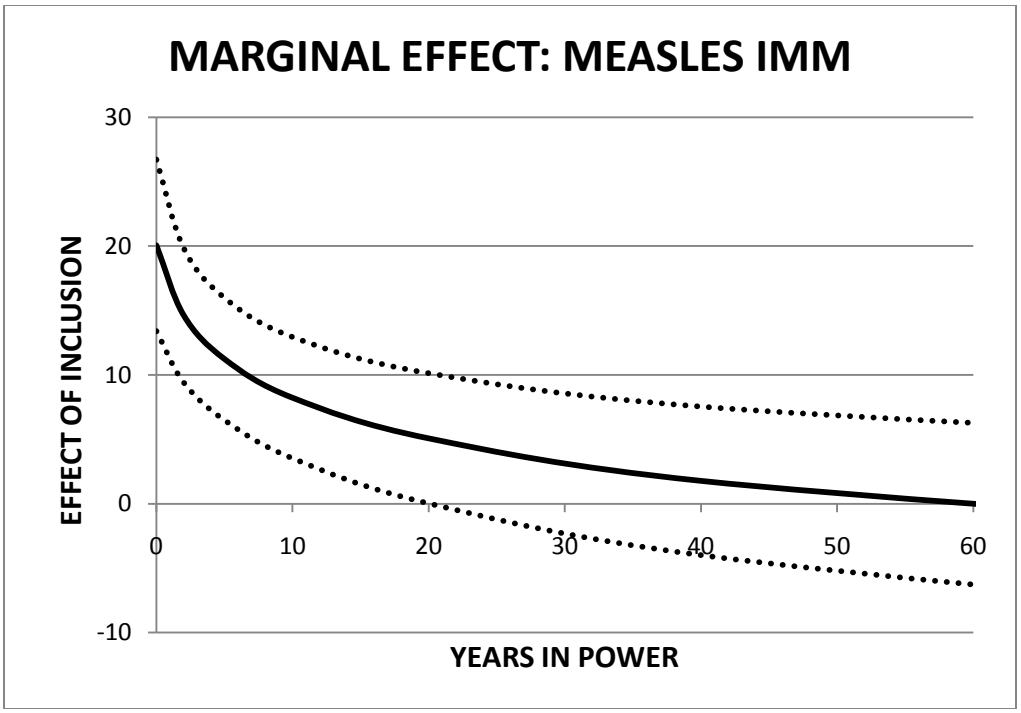
Regression Coefficients

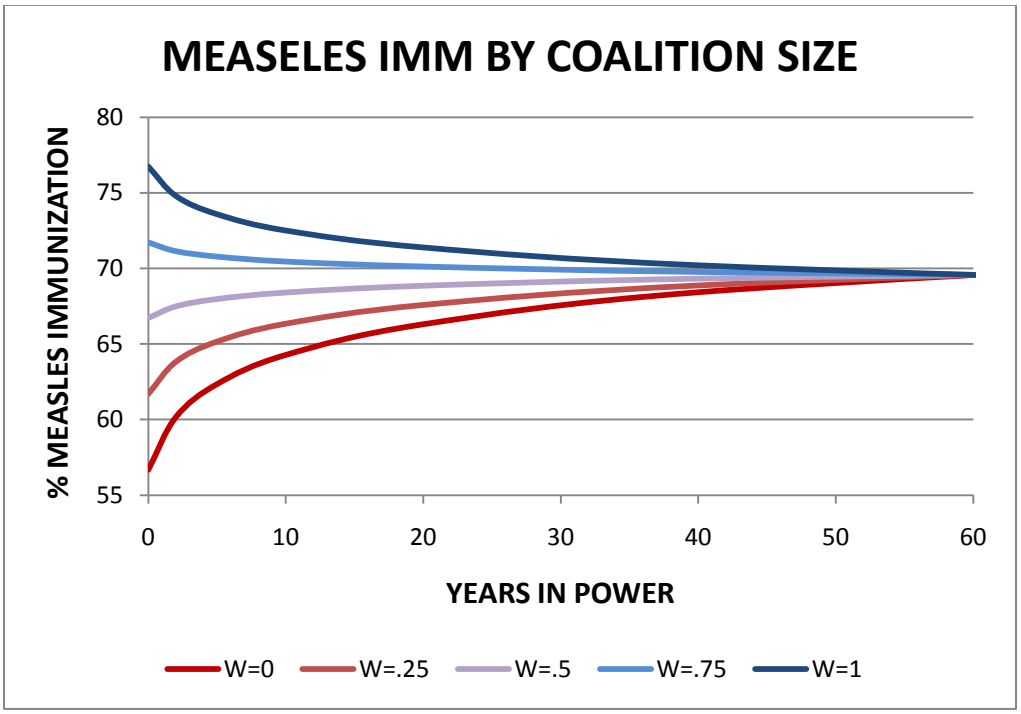
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	20.05***	20.01***	13.82***	20.33***	17.21***
CONSOLIDATION	3.17***	3.85**	1.23	3.29***	3.12***
W*CONSOLIDATION	-4.92***	-4.66**	-0.85	-5.34***	-1.61
POPULATION	-1.13***	-0.95***	-0.76***	-0.99***	-1.16***
INCOME	5.58***	3.93***	7.28***	5.74***	
EXEC CONSTRAINTS	-1.19***	-0.15	-1.07***	-0.85***	-0.72**
CONSTANT	38.09***	37.31***	20.36***	31.67***	73.96***
W=0, TENURE=0	56.68	51.80	57.72	54.83	52.83
W=0, TENURE=22	66.61	63.86	61.57	65.16	62.61
W=0, TENURE=50	69.13	66.93	62.55	67.78	65.10
W=1, TENURE=0	76.74	71.81	71.54	75.17	70.04
W=1, TENURE=22	71.22	69.26	72.73	68.76	74.77
W=1, TENURE=50	69.82	68.62	73.04	67.14	75.97
1ST DIFF (22 YEARS)					
H1	-5.52*	-2.55	1.19	-6.41	4.73
H2	9.93*	12.06*	3.85	10.33*	9.78*
H3	-15.45*	-14.61	-2.66	-16.74*	-5.05

*p< .1 **p<.05 ***p<.01
>First Differences marked with * are significant at least at the .10 level.


MEASLES IMM IN INCLUSIVE REGIMES
% MEASLES IMMUINIZATION
80
75
70
65
0
10
20
30
40
50
60
YEARS IN POWER


MEASLES IMM IN EXCLUSIVE REGIMES
% MEASLES IMMUNIZATION
75
70
65
60
55
50
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: MEASLES IMM
EFFECT OF INCLUSION
30
20
10
0
-10
0
10
20
30
40
50
60
YEARS IN POWER


MEASELES IMM BY COALITION SIZE
% MEASLES IMMUNIZATION
80
75
70
65
60
55
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

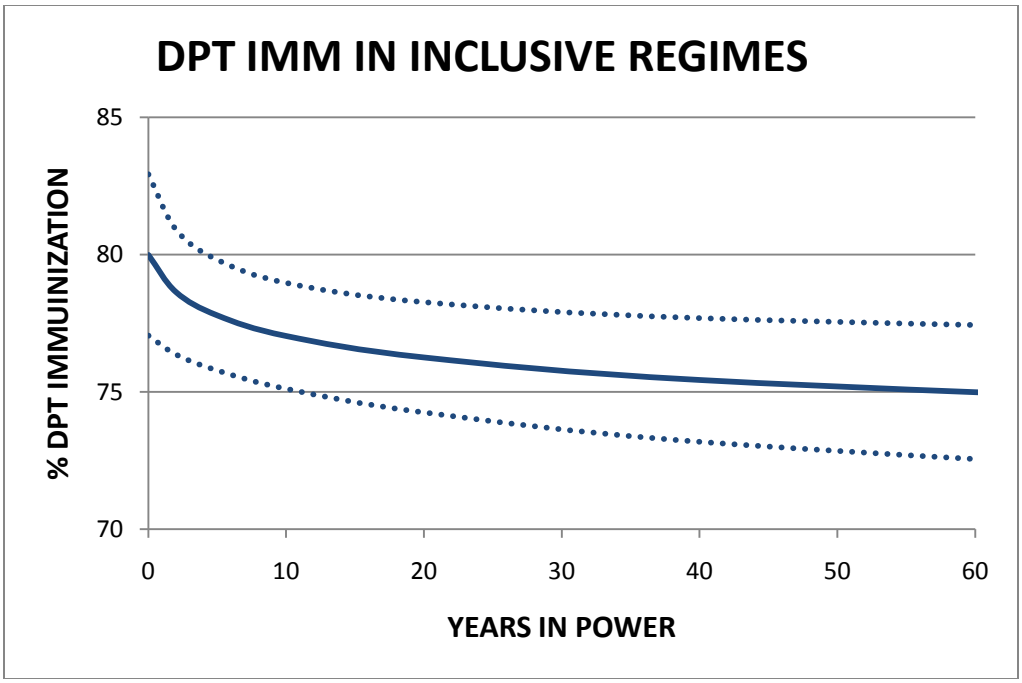
DPT Immunizations

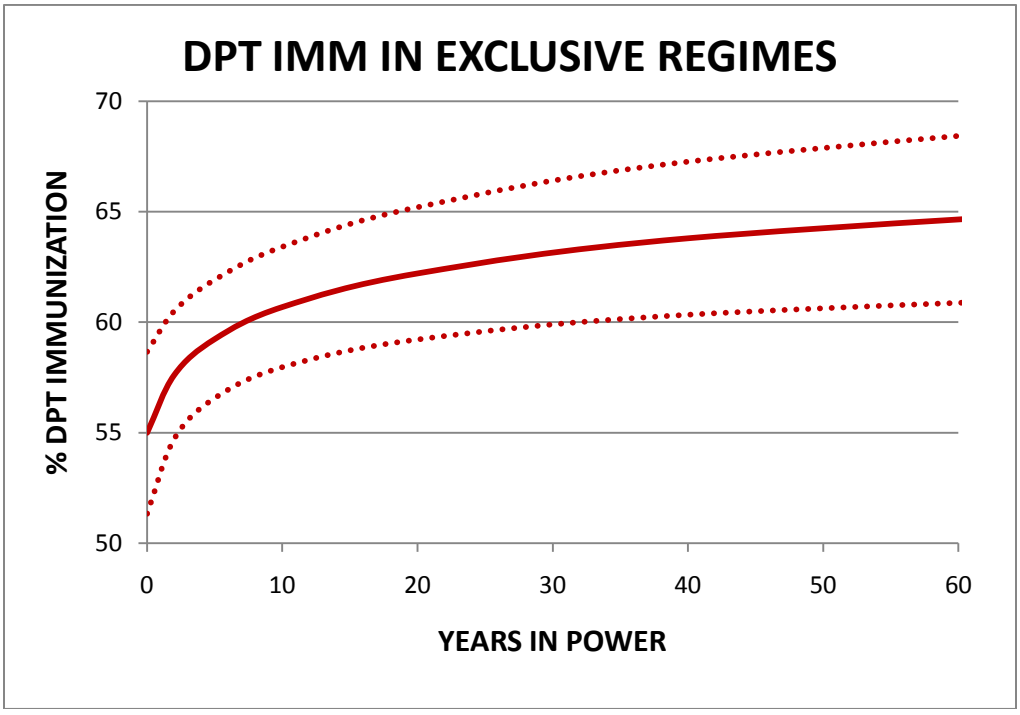
This measure from the World Bank Development Indicators is the percentage of children 12-24 months that received DPT vaccinations.

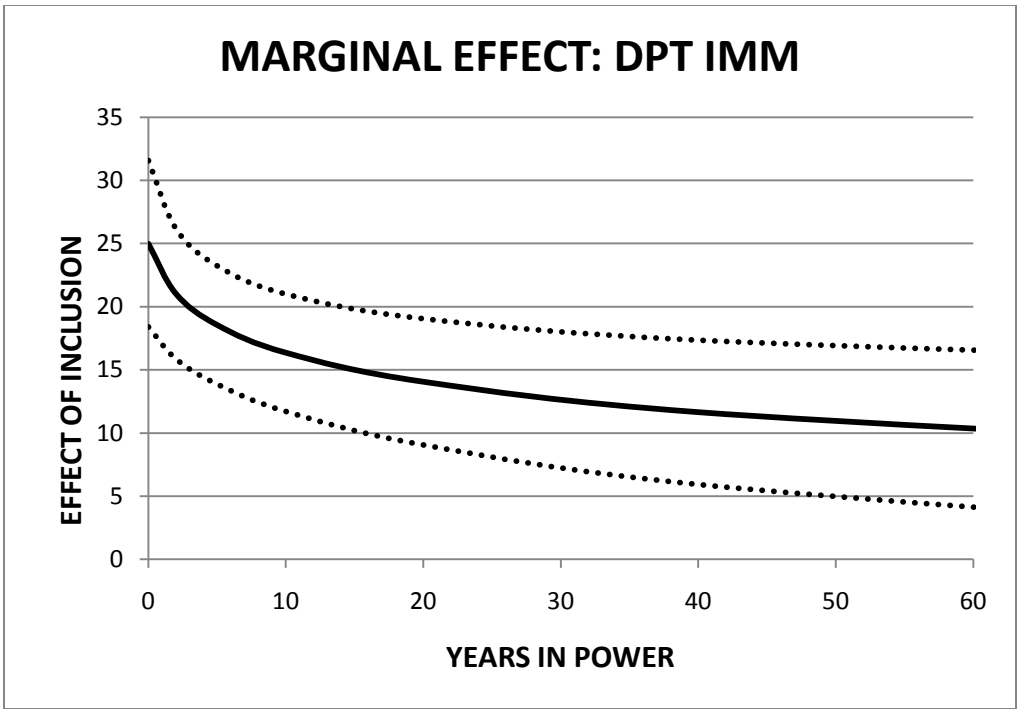
Regression Coefficients

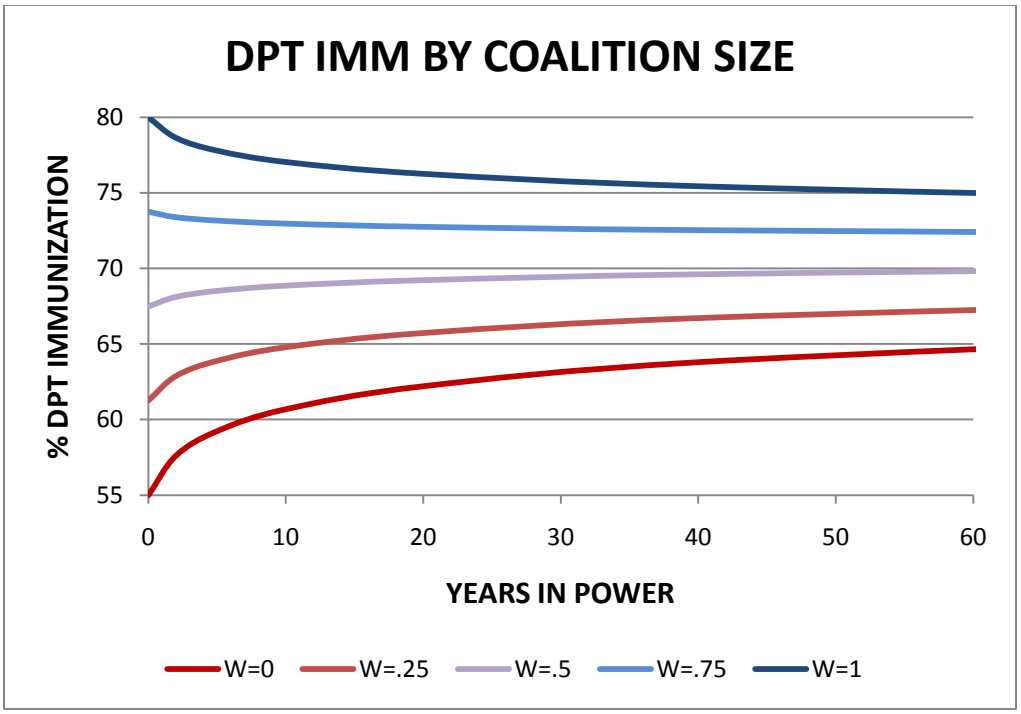
	MAIN ANALYSIS	***MULT IMPUTATION***	***SUB-SAMPLE***	***GEE***	***NO GDP***
W	24.99***	21.52***	17.85***	25.46***	22.71***
CONSOLIDATION	2.37***	3.46***	0.72	2.47***	2.33***
W*CONSOLIDATION	-3.60***	-3.20***	0.45	-3.95***	0.17
POPULATION	-1.68***	-1.03***	-1.78***	-1.51***	-1.83***
INCOME	6.24***	4.40***	7.34***	6.52***	
EXEC CONSTRAINTS	-1.60***	0.31	-1.42***	-1.38***	-1.28***
CONSTANT	41.91***	29.74***	34.85***	35.11***	84.15***
W=0, TENURE=0	55	47.08	55.19	53.80	50.28
W=0, TENURE=22	62.43	57.94	57.45	61.55	57.57
W=0, TENURE=50	64.32	60.69	58.02	63.52	59.42
W=1, TENURE=0	79.99	68.6	73.04	79.26	72.99
W=1, TENURE=22	76.14	69.42	76.71	74.63	80.82
W=1, TENURE=50	75.17	69.63	77.64	73.46	82.81
1ST DIFF (22 YEARS)					
H1	-3.85	0.82	3.67	-4.63	7.83*
H2	7.43*	10.86*	2.26	7.75	7.29*
H3	-11.28	-10.04	1.41	-12.38	0.54

*p< .1 **p<.05 ***p<.01
>First Differences marked with * are significant at least at the .10 level.


DPT IMM IN INCLUSIVE REGIMES
% DPT IMMUINIZATION
85
80
75
70
0
10
20
30
40
50
60
YEARS IN POWER


DPT IMM IN EXCLUSIVE REGIMES
% DPT IMMUNIZATION
70
65
60
55
50
0
10
20
30
40
50
60
YEARS IN POWER


MARGINAL EFFECT: DPT IMM
EFFECT OF INCLUSION
35
30
25
20
15
10
5
0
0
10
20
30
40
50
60
YEARS IN POWER


DPT IMM BY COALITION SIZE
% DPT IMMUNIZATION
80
75
70
65
60
55
0
10
20
30
40
50
60
YEARS IN POWER
W=0
W=.25
W=.5
W=.75
W=1

Do File

Note: User must have the mifit/miset package installed in Stata for the multiple imputation tests.

```
use data.dta

*1 AIC TESTS

*CIVIL LIBERTIES*
xtreg FH_CL W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg FH_CL W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*POLITICAL RIGHTS*
xtreg FH_PR W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg FH_PR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*EDUCATION EXPENDITURES*
xtreg EducExpend W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg EducExpend W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*HEALTH  EXPENDITURES*
xtreg healthexp W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg healthexp W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*WELFARE  EXPENDITURES*
xtreg GXPDSSEC W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg GXPDSSEC W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*EDUCATIONAL ATTAINMENT*
xtreg EDT W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg EDT W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*HUMAN CAPITAL STOCK*
xtreg barrolee W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
```

```
estimates store small
xtreg barrolee W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*ADULT ILLITERACY RATE*
xtreg Illiteracy W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg Illiteracy W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*HOSPITAL BEDS*
xtreg beds W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg beds W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*LIFE EXPECTANCY*
xtreg lifeexp W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg lifeexp W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large



*PHYSICIANS*
xtreg doctors W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg doctors W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*DEATH RATE*
xtreg deathrate W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg deathrate W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*MEASLES IMMUNIZATIONS*
xtreg immunemeasles W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg immunemeasles W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*DPT IMMUNIZATIONS*
xtreg immunedpt W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
```

```
xtreg immunedpt W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large


*IMR*
xtreg IMR W log_pop log_pcgdp exconst if logtenure~=., fe i(regyr)
estimates store small
xtreg IMR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
estimates store large
lrtest large small, stats
drop _est_small _est_large
```

*CIVIL LIBERTIES TESTS

Main Analysis
xtreg FH_CL W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

GEE
xtgee FH_CL W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

SUB SAMPLE
xtreg FH_CL W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

NO GDP
xtreg FH_CL W logtenure Wtenure log_pop exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)

H1 GRAPH

Main Analysis
xtreg FH_CL W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg FH_CL W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg FH_CL W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

```
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg FH_CL W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg FH_CL W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

POLITICAL RIGHTS TESTS

Main Analysis
xtreg FH_PR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

GEE
xtgee FH_PR W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

SUB SAMPLE
xtreg FH_PR W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

NO GDP
xtreg FH_PR W logtenure Wtenure log_pop exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)

H1 GRAPH

Main Analysis
xtreg FH_PR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg FH_PR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg FH_PR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

```
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg FH_PR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg FH_PR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

EDUCATION EXPENDITURES TESTS

*Main Analysis*
xtreg EducExpend W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*GEE*
xtgee EducExpend W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*SUB SAMPLE*
xtreg EducExpend W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)


*NO GDP*
xtreg EducExpend W logtenure Wtenure log_pop  exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)

H1 GRAPH

*Main Analysis*
xtreg EducExpend W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

```
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg EducExpend W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg EducExpend W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg EducExpend W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg EducExpend W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

HEALTH EXPENDITURES TESTS

Main Analysis
xtreg HealthEXP W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

GEE
xtgee HealthEXP W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

SUB SAMPLE
xtreg HealthEXP W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

NO GDP
xtreg HealthEXP W logtenure Wtenure log_pop exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)

H1 GRAPH

Main Analysis
xtreg HealthEXP W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg HealthEXP W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg HealthEXP W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

```
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg HealthEXP W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg HealthEXP W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

WELFARE EXPENDITURES TESTS

*Main Analysis*
xtreg GXPDSSEC W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*GEE*
xtgee GXPDSSEC W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*SUB SAMPLE*
xtreg GXPDSSEC W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)


*NO GDP*
xtreg GXPDSSEC W logtenure Wtenure log_pop  exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)

H1 GRAPH

*Main Analysis*
xtreg GXPDSSEC W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

```
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg GXPDSSEC W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg GXPDSSEC W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg GXPDSSEC W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg GXPDSSEC W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

ILLITERACY TESTS

*Main Analysis*
xtreg Illiteracy W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*GEE*
xtgee Illiteracy W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*SUB SAMPLE*
xtreg Illiteracy W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

NO GDP
xtreg Illiteracy W logtenure Wtenure log_pop exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)

H1 GRAPH

Main Analysis
xtreg Illiteracy W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg Illiteracy W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg Illiteracy W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg Illiteracy W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg Illiteracy W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

EDT TESTS

Main Analysis

```
xtreg EDT W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*GEE*
xtgee EDT W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*SUB SAMPLE*
xtreg EDT W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)


*NO GDP*
xtreg EDT W logtenure Wtenure log_pop  exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)

H1 GRAPH

*Main Analysis*
xtreg EDT W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg EDT W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg EDT W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

```
xtreg EDT W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg EDT W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

human capital TESTS

```
*Main Analysis*
xtreg barrolee W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*GEE*
xtgee barrolee W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*SUB SAMPLE*
xtreg barrolee W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)


*NO GDP*
xtreg barrolee W logtenure Wtenure log_pop  exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
```

H1 GRAPH

```
*Main Analysis*
xtreg barrolee W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

```
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg barrolee W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg barrolee W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg barrolee W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg barrolee W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

HOSPITAL BEDS

```
*Main Analysis*
xtreg beds W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*GEE*
xtgee beds W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*SUB SAMPLE*
xtreg beds W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

```
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

NO GDP

```
xtreg beds W logtenure Wtenure log_pop  exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
```

H1 GRAPH

Main Analysis

```
xtreg beds W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg beds W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg beds W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg beds W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg beds W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

LIFE EXPECTANCY

Main Analysis
xtreg lifeexp W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

GEE
xtgee lifeexp W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

SUB SAMPLE
xtreg lifeexp W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

NO GDP
xtreg lifeexp W logtenure Wtenure log_pop exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)

H1 GRAPH

Main Analysis
xtreg lifeexp W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg lifeexp W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg lifeexp W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

```
xtreg lifeexp W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg lifeexp W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)



Death Rate
*Main Analysis*
xtreg deathrate W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*GEE*
xtgee deathrate W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*SUB SAMPLE*
xtreg deathrate W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)


*NO GDP*
xtreg deathrate W logtenure Wtenure log_pop  exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)


H1 GRAPH

*Main Analysis*
xtreg deathrate W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

```
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg deathrate W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg deathrate W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg deathrate W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg deathrate W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

PHYSICIANS PER 1000

```
*Main Analysis*
xtreg doctors W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*GEE*
xtgee doctors W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

*SUB SAMPLE*
```

```
xtreg doctors W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)


*NO GDP*
xtreg doctors W logtenure Wtenure log_pop  exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)


H1 GRAPH

*Main Analysis*
xtreg doctors W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg doctors W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg doctors W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg doctors W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg doctors W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
```

INFANT MORTALITY RATES

Main Analysis
xtreg IMR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

GEE
xtgee IMR W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

SUB SAMPLE
xtreg IMR W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

NO GDP
xtreg IMR W logtenure Wtenure log_pop exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)

H1 GRAPH

Main Analysis
xtreg IMR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg IMR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg IMR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg IMR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg IMR W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

MEASLES IMMUNIZATIONS

Main Analysis
xtreg immunemeasles W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

GEE
xtgee immunemeasles W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

SUB SAMPLE
xtreg immunemeasles W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

NO GDP
xtreg immunemeasles W logtenure Wtenure log_pop exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)

H1 GRAPH

Main Analysis
xtreg immunemeasles W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg immunemeasles W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg immunemeasles W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg immunemeasles W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg immunemeasles W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

IMMUNE DPT

Main Analysis
xtreg immunedpt W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

GEE
xtgee immunedpt W logtenure Wtenure log_pop log_pcgdp exconst, robust
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

SUB SAMPLE
xtreg immunedpt W logtenure Wtenure log_pop log_pcgdp exconst if europe==0, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

NO GDP
xtreg immunedpt W logtenure Wtenure log_pop exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.1355+Wtenure*0*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.1355+Wtenure*1*3.1355+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.9318+Wtenure*0*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.9318+Wtenure*1*3.9318+log_pop*15.75+ exconst*3.98+_cons, level(90)

H1 GRAPH

Main Analysis
xtreg immunedpt W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*1+logtenure*0+Wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.10+Wtenure*1*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*1.79+Wtenure*1*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*2.4+Wtenure*1*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.04+Wtenure*1*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*3.71+Wtenure*1*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.39+Wtenure*1*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*1+logtenure*4.615+Wtenure*1*4.615+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg immunedpt W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*0+logtenure*0+Wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.10+Wtenure*0*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*1.79+Wtenure*0*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*2.4+Wtenure*0*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.04+Wtenure*0*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*3.71+Wtenure*0*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*0+logtenure*4.39+Wtenure*0*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg immunedpt W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.25+logtenure*0+Wtenure*.25*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.10+Wtenure*.25*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*1.79+Wtenure*.25*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*2.4+Wtenure*.25*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.04+Wtenure*.25*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*3.71+Wtenure*.25*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.25+logtenure*4.39+Wtenure*.25*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg immunedpt W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.50+logtenure*0+Wtenure*.50*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.10+Wtenure*.50*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*1.79+Wtenure*.50*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*2.4+Wtenure*.50*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.04+Wtenure*.50*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*3.71+Wtenure*.50*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.50+logtenure*4.39+Wtenure*.50*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

xtreg immunedpt W logtenure Wtenure log_pop log_pcgdp exconst, fe i(regyr)
lincom W*.75+logtenure*0+Wtenure*.75*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*1.10+Wtenure*.75*1.10+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

lincom W*.75+logtenure*1.79+Wtenure*.75*1.79+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*2.4+Wtenure*.75*2.4+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.04+Wtenure*.75*3.04+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*3.71+Wtenure*.75*3.71+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
lincom W*.75+logtenure*4.39+Wtenure*.75*4.39+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

MULTIPLE IMPUTATION DATA

miset using "ameliaoutput"

mifit : xtreg fh_pr w logtenure wtenure log_pcgdp log_pop exconst if year>1971 & year<2005, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg fh_cl w logtenure wtenure log_pcgdp log_pop exconst if year>1971 & year<2005, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg educexpend w logtenure wtenure log_pcgdp log_pop exconst if year>1969 & year<2000, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg healthexp w logtenure wtenure log_pcgdp log_pop exconst if year>1989 & year<2005, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg gxpdssec w logtenure wtenure log_pcgdp log_pop exconst if year>1969 & year<1991, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg illiteracy w logtenure wtenure log_pcgdp log_pop exconst if year>1969 & year<2000, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg edt w logtenure wtenure log_pcgdp log_pop exconst if year>1969 & year<1988, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg barrolee w logtenure wtenure log_pcgdp log_pop exconst if year>1959 & year<2000, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg beds w logtenure wtenure log_pcgdp log_pop exconst if year>1959 & year<2005, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg lifeexp w logtenure wtenure log_pcgdp log_pop exconst if year<2005, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg doctors w logtenure wtenure log_pcgdp log_pop exconst if year<2005, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg deathrate w logtenure wtenure log_pcgdp log_pop exconst if year<2005, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg immunemeasles w logtenure wtenure log_pcgdp log_pop exconst if year>1979 & year<2005, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg immunedpt w logtenure wtenure log_pcgdp log_pop exconst if year>1979 * year<2005, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)

mifit : xtreg imr w logtenure wtenure log_pcgdp log_pop exconst, fe i(regyr)
milincom : w*0+logtenure*0+wtenure*0*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*0+wtenure*1*0+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.1355+wtenure*0*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.1355+wtenure*1*3.1355+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*0+logtenure*3.9318+wtenure*0*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)
milincom : w*1+logtenure*3.9318+wtenure*1*3.9318+log_pop*15.75+log_pcgdp*7.36+exconst*3.98+_cons, level(90)