Contents

1 Introduction

2 Theoretical Background

3 Empirical Study

3.1 Event Study

3.1.1 The Gold Standard Era (1930's)

3.1.2 Modern times (1980's-2012)

3.2 Growth Regression

3.3 Model Calibration

3.4 Counterfactual simulation

4 Policy Recommendation

5 Conclusion

References

[Figueredo and Wolf, 2009] Figueredo, A. J. and Wolf, P. S. A. (2009). Assortative pairing and life history strategy - a cross-cultural study. *Human Nature*, 20:317–330.

Appendix 1: Event Study

Appendix 2: Regression results

Table 1: Complete Panel Regression with Country FE

	Dependent variable:									
	growth									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
log(pop)	−0.021	−0.022	−0.022	−0.022	−0.022	−0.023*	−0.023*	−0.023*	−0.024*	−0.021
	(0.013)	(0.013)	(0.014)	(0.014)	(0.014)	(0.013)	(0.013)	(0.014)	(0.014)	(0.014)
workshare1	0.002***	0.002***	0.002***	0.002***	0.002***	0.002**	0.002***	0.002**	0.002**	0.002**
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
log(hc)	−0.023	−0.023	−0.024	−0.023	−0.023	−0.024	−0.025	−0.022	−0.021	−0.015
	(0.030)	(0.030)	(0.030)	(0.030)	(0.030)	(0.031)	(0.031)	(0.031)	(0.031)	(0.030)
log(gdp)	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.001
	(0.007)	(0.007)	(0.007)	(0.007)	(0.007)	(0.008)	(0.008)	(0.009)	(0.009)	(0.008)
diff(log(capital))	0.461***	0.463***	0.458***	0.459***	0.458***	0.466***	0.466***	0.439***	0.442***	0.443***
	(0.101)	(0.101)	(0.100)	(0.100)	(0.100)	(0.109)	(0.108)	(0.110)	(0.113)	(0.119)
cpi	0.060***	0.060***	0.059***	0.059***	0.058***	0.050**	0.050**	0.044**	0.044**	0.050**
	(0.017)	(0.017)	(0.018)	(0.017)	(0.017)	(0.020)	(0.020)	(0.020)	(0.020)	(0.021)
restructure		0.011	−0.024	−0.048	−0.087*	−0.102**	−0.099**	−0.090**	−0.091**	−0.093**
		(0.009)	(0.017)	(0.035)	(0.046)	(0.044)	(0.044)	(0.041)	(0.040)	(0.040)
haircut			0.101**	0.278	0.779**	1.023***	0.905**	0.816**	0.813**	0.871**
			(0.039)	(0.184)	(0.380)	(0.384)	(0.378)	(0.346)	(0.348)	(0.346)
I(haircut^2)				−0.209	−1.668*	−2.577***	−2.418***	−2.186***	−2.177***	−2.334***
				(0.187)	(0.902)	(0.971)	(0.903)	(0.826)	(0.832)	(0.826)
I(haircut^3)					1.126*	1.978***	1.823***	1.610***	1.603***	1.722***
					(0.642)	(0.720)	(0.644)	(0.588)	(0.592)	(0.587)
fxregime						−0.008***	−0.008***	−0.008***	−0.008***	−0.008***
						(0.002)	(0.002)	(0.002)	(0.002)	(0.002)
haircut:fxregime							0.027***	0.033***	0.033***	0.031***
							(0.010)	(0.009)	(0.009)	(0.009)
bankcrisis								−0.023***	−0.023***	−0.023***
								(0.004)	(0.004)	(0.004)
default									0.001	0.002
									(0.006)	(0.006)
institutions2										−0.0001
										(0.0003)
Observations	6,619	6,619	6,619	6,619	6,619	5,891	5,891	5,870	5,820	5,497
R^2	0.087	0.087	0.087	0.088	0.088	0.112	0.112	0.121	0.120	0.126
Adjusted R^2	0.085	0.085	0.085	0.086	0.086	0.109	0.109	0.118	0.117	0.123
F Statistic	102.529*** (df = 6; 6483)	88.235*** (df = 7; 6482)	77.500*** (df = 8; 6481)	69.370*** (df = 9; 6480)	62.576*** (df = 10; 6479)	65.868*** (df = 11; 5751)	60.428*** (df = 12; 5750)	60.636*** (df = 13; 5729)	55.315*** (df = 14; 5679)	51.642*** (df = 15; 5360)

*p<0.1; **p<0.05; ***p<0.01

Table 2: Complete Dynamic Panel Regression with Country FE

	Dependent variable:									
	growth									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
$Growth_{t-1}$	0.159***	0.159***	0.158***	0.159***	0.159***	0.136***	0.135***	0.126***	0.127***	0.145***
	(0.038)	(0.038)	(0.038)	(0.038)	(0.038)	(0.042)	(0.042)	(0.041)	(0.041)	(0.037)
$Growth_{t-2}$	−0.014	−0.014	−0.014	−0.014	−0.014	−0.027	−0.027	−0.033	−0.034	−0.037
	(0.033)	(0.033)	(0.033)	(0.033)	(0.033)	(0.040)	(0.040)	(0.040)	(0.040)	(0.043)
log Population	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.004	0.005	0.005
	(0.004)	(0.004)	(0.004)	(0.004)	(0.004)	(0.005)	(0.005)	(0.005)	(0.005)	(0.005)
Working Population Share	0.001***	0.001***	0.001***	0.001***	0.001***	0.001***	0.001***	0.001***	0.001***	0.001**
	(0.0003)	(0.0003)	(0.0003)	(0.0003)	(0.0003)	(0.0003)	(0.0003)	(0.0004)	(0.0004)	(0.0004)
log Human Capital	−0.022*	−0.022*	−0.022*	−0.022*	−0.022*	−0.023	−0.023	−0.020	−0.021	−0.023
	(0.013)	(0.013)	(0.013)	(0.013)	(0.013)	(0.015)	(0.015)	(0.015)	(0.015)	(0.015)
log rGDP	−0.004	−0.004	−0.004	−0.004	−0.004	−0.004	−0.004	−0.003	−0.003	−0.004
	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.004)	(0.004)	(0.004)	(0.004)	(0.004)
log Investment	0.555***	0.556***	0.556***	0.555***	0.555***	0.544***	0.544***	0.534***	0.530***	0.504***
	(0.054)	(0.054)	(0.054)	(0.054)	(0.054)	(0.060)	(0.060)	(0.061)	(0.062)	(0.061)
Inflation	−0.007	−0.007	−0.008	−0.008	−0.008	−0.006	−0.006	−0.010	−0.009	−0.006
	(0.010)	(0.010)	(0.010)	(0.010)	(0.010)	(0.011)	(0.011)	(0.011)	(0.011)	(0.011)
Restructure		0.008	−0.006	−0.045	−0.078*	−0.077*	−0.076*	−0.069*	−0.068*	−0.070*
		(0.006)	(0.014)	(0.028)	(0.040)	(0.039)	(0.039)	(0.036)	(0.036)	(0.036)
Haircut			0.029	0.250**	0.602**	0.606**	0.585**	0.550**	0.553**	0.584**
			(0.026)	(0.124)	(0.297)	(0.285)	(0.289)	(0.268)	(0.269)	(0.270)
$Haircut^2$				−0.213*	−1.110*	−1.160*	−1.140*	−1.082*	−1.099*	−1.174**
				(0.110)	(0.630)	(0.608)	(0.601)	(0.556)	(0.563)	(0.561)
$Haircut^3$					0.612	0.667*	0.654*	0.616*	0.629*	0.677*
					(0.397)	(0.387)	(0.378)	(0.352)	(0.359)	(0.357)
FX regime						−0.006***	−0.006***	−0.006***	−0.006***	−0.006***
						(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
Haircut × FX regime							0.006	0.008	0.008	0.007
							(0.012)	(0.012)	(0.012)	(0.013)
Banking Crisis								−0.023***	−0.023***	−0.022***
								(0.003)	(0.003)	(0.003)
Default									−0.002	−0.002
									(0.003)	(0.003)
Institutional Quality										0.0004**
										(0.0002)
Observations	6,359	6,359	6,359	6,359	6,359	5,682	5,682	5,661	5,613	5,325
R^2	0.126	0.126	0.126	0.127	0.127	0.134	0.134	0.142	0.142	0.150
Adjusted R^2	0.123	0.123	0.124	0.124	0.124	0.130	0.130	0.139	0.138	0.146
F Statistic	111.923*** (df = 8; 6221)	99.677*** (df = 9; 6220)	89.888*** (df = 10; 6219)	82.200*** (df = 11; 6218)	75.543*** (df = 12; 6217)	65.796*** (df = 13; 5540)	61.116*** (df = 14; 5539)	61.044*** (df = 15; 5518)	56.438*** (df = 16; 5470)	53.914*** (df = 17; 5186)

Note: *p<0.1; **p<0.05; ***p<0.01

Table 3: Robustness check for different subsamples

	Dependent variable:							
	growth							
	Complete Sample		1970 - 2011		OECD + HIC + UMI		1970-2011 & OECD + HIC + UMI	
	FE	DYN + FE	FE	DYN + FE	FE	DYN + FE	FE	DYN + FE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
lag(growth)		0.145***		0.201***		0.116***		0.177***
		(0.013)		(0.016)		(0.017)		(0.020)
lag(growth, k = 2)		−0.037***		−0.062***		−0.132***		−0.170***
		(0.013)		(0.015)		(0.017)		(0.019)
log(pop)	0.001	0.005	−0.017**	0.020***	−0.017**	−0.010	−0.021*	−0.001
	(0.005)	(0.005)	(0.007)	(0.008)	(0.007)	(0.007)	(0.011)	(0.011)
workshare1	0.001***	0.001***	0.002***	0.001**	0.002***	0.001***	0.002***	0.001**
	(0.0003)	(0.0003)	(0.0004)	(0.0004)	(0.0004)	(0.0004)	(0.001)	(0.001)
log(hc)	−0.024**	−0.023*	−0.010	−0.039**	−0.010	−0.012	−0.015	−0.024
	(0.012)	(0.012)	(0.014)	(0.018)	(0.014)	(0.014)	(0.021)	(0.021)
log(gdp)	−0.003	−0.004	−0.003	−0.004	−0.003	−0.004	0.001	0.001
	(0.003)	(0.003)	(0.003)	(0.004)	(0.003)	(0.003)	(0.005)	(0.005)
diff(log(capital))	0.548***	0.504***	0.527***	0.435***	0.527***	0.566***	0.443***	0.465***
	(0.030)	(0.031)	(0.037)	(0.037)	(0.037)	(0.040)	(0.047)	(0.050)
cpi	−0.008	−0.006	0.022***	0.010	0.022***	0.022***	0.050***	0.048***
	(0.006)	(0.006)	(0.008)	(0.006)	(0.008)	(0.008)	(0.009)	(0.009)
restructure	−0.067**	−0.070**	−0.094***	−0.071**	−0.094***	−0.096***	−0.093***	−0.093***
	(0.032)	(0.030)	(0.034)	(0.031)	(0.034)	(0.033)	(0.036)	(0.034)
haircut	0.542**	0.584**	0.906**	0.600**	0.906**	0.959***	0.871**	0.935**
	(0.271)	(0.259)	(0.370)	(0.264)	(0.370)	(0.354)	(0.383)	(0.365)
I(haircut^2)	−1.071*	−1.174*	−2.416**	−1.236*	−2.416**	−2.630***	−2.334**	−2.603**
	(0.651)	(0.621)	(1.060)	(0.633)	(1.060)	(1.013)	(1.095)	(1.044)
I(haircut^3)	0.608	0.677	1.804**	0.724*	1.804**	2.000**	1.722*	1.978**
	(0.444)	(0.424)	(0.879)	(0.432)	(0.879)	(0.841)	(0.909)	(0.866)
fxregime	−0.008***	−0.006***	−0.007***	−0.007***	−0.007***	−0.006***	−0.008***	−0.006***
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
bankcrisis	−0.024***	−0.022***	−0.023***	−0.020***	−0.023***	−0.022***	−0.023***	−0.021***
	(0.003)	(0.003)	(0.004)	(0.003)	(0.004)	(0.004)	(0.004)	(0.004)
default	0.0004	−0.002	0.003	−0.0001	0.003	−0.0005	0.002	−0.001
	(0.003)	(0.003)	(0.004)	(0.003)	(0.004)	(0.004)	(0.004)	(0.004)
institutions2	0.0004**	0.0004*	−0.0001	0.0003	−0.0001	−0.0001	−0.0001	−0.00003
	(0.0002)	(0.0002)	(0.0003)	(0.0002)	(0.0003)	(0.0003)	(0.0003)	(0.0003)
haircut:fxregime	0.009	0.007	0.027	0.007	0.027	0.027	0.031*	0.029*
	(0.010)	(0.009)	(0.018)	(0.010)	(0.018)	(0.017)	(0.018)	(0.017)
Observations	5,497	5,325	3,408	4,052	3,408	3,297	2,503	2,433
R^2	0.126	0.150	0.146	0.158	0.146	0.175	0.137	0.181
Adjusted R^2	0.123	0.146	0.142	0.153	0.142	0.171	0.132	0.174
F Statistic	51.642*** (df = 15; 5360)	53.914*** (df = 17; 5186)	37.703*** (df = 15; 3321)	43.319*** (df = 17; 3913)	37.703*** (df = 15; 3321)	40.147*** (df = 17; 3208)	25.464*** (df = 15; 2416)	30.381*** (df = 17; 2344)
Note:								*p<0.1; **p<0.05; ***p<0.01