

Have ICT changed the game for mobility and migration?

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5.2 Emperical Strategy

Emperical Methods

Descriptive Statistics

Dependent Variables

Summary

Patterns of Emmigration

Independent Variables

Results

Table 1 Panel Regression Cellphone users

series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed

Table 2 Panel Regression internet usrer

series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed

Table 3. Yearly regressions

Limitations and Further Research

References

Appendix

Table X Panel Regression - All model- Cellphone Users

series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed

Table 2: Panel Regression of emigration rate

	Emigration rate per cap (log)					
	logemigrationpercap					
	(1)	(2)	(3)	(4)	(5)	(6)
CellphoneUsers	0.0012*** (0.0002)	0.0011*** (0.0002)	0.0011*** (0.0002)	0.0012*** (0.0002)	0.0008* (0.0004)	0.0059*** (0.0019)
logGDPpp-1					0.0781 (0.0572)	0.0576 (0.0571)
Fertility Rate				0.0395 (0.0325)	0.0451 (0.0327)	0.0826** (0.0352)
Political Stability			-0.0615** (0.0288)	-0.0591** (0.0288)	-0.0698** (0.0298)	-0.0717** (0.0296)
Employment prob		1.3560*** (0.4640)	1.5410*** (0.4696)	1.4784*** (0.4721)	1.4353*** (0.4725)	1.3306*** (0.4695)
CellphoneUsersXlogGDPpp-1						-0.0005*** (0.0002)
Observations	498	498	498	498	498	498
R ²	0.0989	0.1219	0.1339	0.1379	0.1428	0.1620
Adjusted R ²	0.0652	0.0800	0.0877	0.0900	0.0929	0.1051

Note:

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

Table 3: Panel Regression of emigration rate

	Emigration rate per cap (log)					
	logemigrationpercap					
	(1)	(2)	(3)	(4)	(5)	(6)
InternetUsers	0.0022*** (0.0005)	0.0022*** (0.0005)	0.0021*** (0.0005)	0.0020*** (0.0005)	0.0003 (0.0008)	0.0246*** (0.0065)
logGDPpp-1					0.1555*** (0.0510)	0.0941* (0.0525)
Fertility Rate				−0.0102 (0.0300)	0.0315 (0.0326)	0.0519 (0.0324)
Political Stability			−0.0610** (0.0293)	−0.0615** (0.0294)	−0.0826*** (0.0298)	−0.0851*** (0.0292)
Employment prob		1.8370*** (0.4620)	2.0092*** (0.4670)	2.0091*** (0.4676)	1.5465*** (0.4860)	1.5449*** (0.4762)
InternetUsersXlogGDPpp-1						−0.0023*** (0.0006)
Observations	498	498	498	498	498	498
R ²	0.0521	0.0959	0.1077	0.1081	0.1330	0.1701
Adjusted R ²	0.0343	0.0629	0.0705	0.0705	0.0865	0.1103

Note:

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

Table 4: OLS Regression of emigration stocks around the world 2000-2013

	Emigration rate per cap (log)					
	logemigrationpercap					
	2000 (1)	2010 (2)	2013 (3)	2000 (4)	2010 (5)	2013 (6)
CellphoneUsers	0.0108 (0.0857)	0.0263 (0.0166)	0.0111 (0.0138)			
InternetUsers				0.1528 (0.1750)	0.1069** (0.0424)	0.0758** (0.0331)
logGDPpp-1	-0.1305 (0.1415)	-0.0817 (0.1838)	-0.1820 (0.1815)	-0.0572 (0.1320)	-0.0917 (0.1465)	-0.1253 (0.1626)
Fertility Rate	-0.2215*** (0.0783)	-0.2732*** (0.0875)	-0.3447*** (0.0910)	-0.2016*** (0.0771)	-0.2029** (0.0944)	-0.2489** (0.1000)
Political Stability	0.0569 (0.1272)	0.1687 (0.1047)	0.1619 (0.1057)	0.0936 (0.1286)	0.2044* (0.1085)	0.2035* (0.1098)
Employment prob	-1.3258 (1.4697)	-3.3622** (1.3842)	-3.8563*** (1.3247)	-0.7432 (1.4475)	-2.6571* (1.4255)	-3.0844** (1.3515)
CellphoneUsersXlogGDPpp-1	-0.0012 (0.0084)	-0.0026 (0.0017)	-0.0010 (0.0014)			
InternetUsersXlogGDPpp-1				-0.0163 (0.0172)	-0.0102** (0.0041)	-0.0071** (0.0032)
Constant	11.6176*** (2.0009)	13.1017*** (2.3398)	14.7094*** (2.3239)	10.4509*** (1.9072)	12.3324*** (2.1692)	13.1255*** (2.1946)
Observations	159	169	169	159	169	169
R ²	0.0886	0.1905	0.2020	0.1033	0.2082	0.2239
Adjusted R ²	0.0526	0.1605	0.1725	0.0679	0.1789	0.1952

Note:

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

Table 5: Panel Regression of emigration stocks around the world 2000-2013

	Emigration rate per cap (log)			
	Pool OLS	logemigrationpercap		Random
		Within	Between	
	(1)	(2)	(3)	(4)
CellphoneUsers	0.0078 (0.0069)	0.0059*** (0.0019)	0.0136 (0.0218)	0.0038** (0.0018)
logGDPpp-1	-0.2037** (0.0831)	0.0576 (0.0571)	-0.1795 (0.1850)	0.0908* (0.0495)
Fertility Rate	-0.2796*** (0.0464)	0.0826** (0.0352)	-0.2955*** (0.0862)	0.0025 (0.0316)
Political Stability	0.1285** (0.0626)	-0.0717** (0.0296)	0.1488 (0.1158)	-0.0519* (0.0297)
Employment prob	-3.0873*** (0.7695)	1.3306*** (0.4695)	-3.5051** (1.4336)	0.7886* (0.4604)
CellphoneUsersXlogGDPpp-1	-0.0006 (0.0007)	-0.0005*** (0.0002)	-0.0013 (0.0022)	-0.0003* (0.0002)
Constant	14.0010*** (1.0867)		14.2756*** (2.3785)	7.0251*** (0.6063)
Observations	498	498	169	498
R ²	0.1506	0.1620	0.1664	0.1300
Adjusted R ²	0.1485	0.1051	0.1595	0.1282

Note:

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

Panel regression - All Models- Internet users

series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed series v1 is NA and has been removed

Table 6: Panel Regression of emigration stocks around the world 2000-2013

	Emigration rate per cap (log)			
	Pool OLS	logemigrationpercap		Random
		Within	Between	
	(1)	(2)	(3)	(4)
InternetUsers	0.0722*** (0.0209)	0.0246*** (0.0065)	0.1073* (0.0557)	0.0236*** (0.0062)
logGDPpp-1	-0.1538** (0.0763)	0.0941* (0.0525)	-0.1310 (0.1565)	0.0934* (0.0480)
Fertility Rate	-0.2324*** (0.0479)	0.0519 (0.0324)	-0.2130** (0.0959)	-0.0067 (0.0305)
Political Stability	0.1480** (0.0627)	-0.0851*** (0.0292)	0.1769 (0.1221)	-0.0602** (0.0291)
Employment prob	-2.6174*** (0.7769)	1.5449*** (0.4762)	-2.7278* (1.4850)	0.9200** (0.4603)
CellphoneUsersXlogGDPpp-1	-0.0067*** (0.0020)	-0.0023*** (0.0006)	-0.0101* (0.0053)	-0.0022*** (0.0006)
Constant	12.9627*** (1.0725)		12.7544*** (2.2911)	6.9146*** (0.5478)
Observations	498	498	169	498
R ²	0.1666	0.1701	0.1833	0.1444
Adjusted R ²	0.1643	0.1103	0.1757	0.1423

Note:

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