

S1 Appendix

Table 1: 2SLS estimation of equation (3), alt. specifications (i)

	<i>Dependent variable:</i>			
	Gini coefficient 2000-18			
	(1)	(2)	(3)	(4)
Internet users per 100 hab. (log)	0.0003** (0.0001)			
Broadband users per 100 hab. (log)		0.0004 (0.0003)		
Mobile phone users per 100 hab. (log)			-0.002 (0.001)	
Fixed phone users per 100 hab. (log)				-0.0002** (0.0001)
Population density (log)	0.283 (0.787)	0.503 (0.911)	-2.245 (2.172)	0.239 (0.879)
Government expenditure (% GDP)	-0.0003 (0.0002)	-0.0003 (0.0005)	-0.001 (0.001)	-0.0003 (0.0003)
Trade (% of GDP)	0.0001** (0.00004)	0.0001 (0.0001)	0.0002 (0.0001)	-0.00002 (0.00004)
Non agriculture value added (% GDP)	0.0004** (0.0002)	0.0003 (0.0004)	0.0002 (0.0003)	0.00004 (0.0002)
GDP growth	0.0003*** (0.0001)	0.001*** (0.0002)	0.0003** (0.0001)	0.0001 (0.0001)
GDP per capita (log)	0.003 (0.002)	0.007* (0.004)	0.015 (0.010)	0.007** (0.003)
Population (log)	-0.298 (0.787)	-0.488 (0.917)	2.249 (2.193)	-0.259 (0.880)
Constant	4.719 (11.046)	7.291 (12.896)	-31.153 (30.910)	4.190 (12.363)
Weak instruments	44.77	22.23	3.51	27.24
Wu-Hausman	0.35	4.78	7.09	3.4
P-value	0.55	0.03	0.01	0.07
Country fixed effects	Yes	Yes	Yes	Yes
Yearly fixed effects	Yes	Yes	Yes	Yes
Observations	844	757	865	867
Adjusted R ²	0.991	0.991	0.978	0.990
Residual Std. Error	0.177	0.184	0.279	0.192

Note:

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

Robust Std. Errors in parenthesis

IV: Female participation in labour force

Table 2: 2SLS estimation of equation (3), alt. specifications (ii)

	<i>Dependent variable:</i>			
	Herfindahl-Hirschman coefficient 2000-18			
	(1)	(2)	(3)	(4)
Internet users per 100 hab. (log)	0.0003*** (0.0001)			
Broadband users per 100 hab. (log)		0.0003* (0.0002)		
Mobile phone users per 100 hab. (log)			−0.002* (0.001)	
Fixed phone users per 100 hab. (log)				−0.0002*** (0.0001)
Population density (log)	0.302 (0.330)	0.691*** (0.242)	−2.240 (1.644)	0.257 (0.380)
Government expenditure (% GDP)	−0.0004** (0.0002)	−0.0004** (0.0002)	−0.001* (0.0004)	−0.0004** (0.0002)
Trade (% of GDP)	0.00003 (0.00004)	−0.00002 (0.00004)	0.0001 (0.0001)	−0.0001*** (0.00003)
Non agriculture value added (% GDP)	0.001*** (0.0002)	0.0004* (0.0002)	0.0004* (0.0002)	0.0003* (0.0002)
GDP growth	0.0002** (0.0001)	0.0003*** (0.0001)	0.0002 (0.0001)	−0.00004 (0.0001)
GDP per capita (log)	−0.003* (0.001)	0.001 (0.002)	0.009 (0.008)	0.002 (0.002)
Population (log)	−0.300 (0.329)	−0.678*** (0.247)	2.258 (1.661)	−0.264 (0.379)
Constant	4.587 (4.609)	9.865*** (3.475)	−31.462 (23.430)	4.085 (5.317)
Weak instruments	44.77	22.23	3.51	27.24
Wu-Hausman	12.3	1.57	13.1	9.53
P-value	0	0.21	0	0
Country fixed effects	Yes	Yes	Yes	Yes
Yearly fixed effects	Yes	Yes	Yes	Yes
Observations	844	757	865	867
Adjusted R ²	0.998	0.999	0.995	0.998
Residual Std. Error	0.135	0.102	0.213	0.139

Note:

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

Robust Std. Errors in parenthesis

IV: Female participation in labour force

Table 3: 2SLS estimation of equation (3), alt. specifications (iii)

	<i>Dependent variable:</i>			
	Coefficient of variation 2000-18			
	(1)	(2)	(3)	(4)
Internet users per 100 hab. (log)	0.005*** (0.001)			
Broadband users per 100 hab. (log)		0.011*** (0.003)		
Mobile phone users per 100 hab. (log)			-0.030* (0.017)	
Fixed phone users per 100 hab. (log)				-0.004*** (0.001)
Population density (log)	-2.038 (3.390)	-7.332 (6.135)	-50.695 (31.080)	-2.425 (4.879)
Government expenditure (% GDP)	-0.003 (0.002)	-0.011*** (0.003)	-0.010 (0.008)	-0.004 (0.003)
Trade (% of GDP)	0.001* (0.0004)	0.001** (0.001)	0.002 (0.002)	-0.002*** (0.0005)
Non agriculture value added (% GDP)	0.006*** (0.002)	0.001 (0.003)	0.002 (0.004)	-0.0002 (0.002)
GDP growth	0.003*** (0.001)	0.004*** (0.001)	0.002 (0.003)	-0.002* (0.001)
GDP per capita (log)	0.012 (0.017)	0.118*** (0.029)	0.237 (0.157)	0.098*** (0.025)
Population (log)	2.152 (3.382)	8.075 (6.183)	51.157 (31.414)	2.416 (4.883)
Constant	-29.411 (47.450)	-114.544 (87.025)	-719.863 (443.067)	-32.802 (68.597)
Weak instruments	44.77	22.23	3.51	27.24
Wu-Hausman	51.51	50.45	107.28	73.17
P-value	0	0	0	0
Country fixed effects	Yes	Yes	Yes	Yes
Yearly fixed effects	Yes	Yes	Yes	Yes
Observations	844	757	865	867
Adjusted R ²	0.984	0.980	0.838	0.968
Residual Std. Error	1.234	1.402	3.890	1.729

Note:

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

Robust Std. Errors in parenthesis

IV: Female participation in labour force