

SUPPLEMENTARY APPENDIX: ADDITIONAL TABLES

Migration in Spain: The Role of Cultural Diversity Revisited

Table A.1: Definition and data source of variables

Variable	Description	Source
<i>EI</i>	Diversity foreign population (Entropy index), in logs	Author's calculations based on the INE [§]
<i>y</i>	Gross Domestic Product in constant 2010 divided by population	INE [§]
<i>inv</i>	Natural log of Gross Fixed Capital in constant 2010 divided by employment	IVIE [‡]
<i>hk</i>	Share of population with middle-high studies divide by population	IVIE [‡]
<i>ind</i>	Number of workers in industries divides by total workers	INE [§]
<i>netmigr</i> *	Interprovincial net migration native population divided by total population, in logs	INE [§]
<i>migr_total</i>	Foreign population divided by total population	INE [§]
<i>retired_migr</i>	Share of immigrants from countries with high income with more than 55 years divided by total of immigrants	Author's calculations based on the INE [§] and Gross Domestic Income per capita reported by World Bank
<i>working_migr</i>	Share of immigrants from countries with upper and lower middle income divided by total of immigrants	Author's calculations based on the INE [§] and Gross Domestic Income per capita reported by World Bank

[§]INE: Spanish National Institute of Statistics

[‡]IVIE: Valencian Institute of Economic Research

* *netmigr rate* is calculated as the difference between total immigration and total outmigration of native population over the total population size in each region.

Table A.2. The correlation matrix

	GDPpc	inv	hk	ind	netmigr	migr_ total	working_ migr	retired_ migra	EI* working_migr	EI* retired_migr
GDPpc	1.00									
inv	0.09	1.00								
hk	0.71	0.22	1.00							
ind	0.11	-0.50	-0.08	1.00						
netmigr	0.10	0.23	0.08	-0.27	1.00					
migr_total	0.41	0.19	0.27	-0.08	0.24	1.00				
working_migr	0.36	-0.12	0.13	0.33	-0.02	0.00	1.00			
retired_migra	-0.39	0.12	-0.14	-0.31	0.01	-0.04	-0.99	1.00		
EI*working_migr	0.59	0.15	0.37	0.06	0.21	0.88	0.41	-0.45	1.00	
EI*retired_migr	0.03	0.19	0.10	-0.27	0.19	0.69	-0.64	0.63	0.30	1.00

Source: Own elaboration.

Table A.3. Descriptive statistics (year=2015)

Variable	Mean	Std. Dev.	Min	Max
<i>GDP pc</i>	21806	4728	15763	35808
<i>entropy</i>	0.681	0.276	0.251	1.277
<i>inv</i>	35145	50408	1019	277447
<i>hk</i>	0.164	0.039	0.099	0.253
<i>ind</i>	0.281	0.249	0.017	1.236
<i>netmigr</i>	-0.0014	0.0021	-0.0063	0.0033
<i>migr_total</i>	0.112	0.053	0.034	0.224
<i>working_migr</i>	0.734	0.121	0.457	0.939
<i>retired_migr</i>	0.242	0.124	0.057	0.534

Source: Own elaboration.

Table A.4. Estimation results of log(y) using IV-2SFE estimation: 2002-2015. First stage regression.

<i>Variables</i>	Mod. 0	Mod. 1	Mod. 2	Mod. 3	Mod. 4	Mod. 5	Mod. 6
<i>IV</i>	0.857*** [0.000]	0.879 [0.000]	0.823 [0.000]	0.872 [0.000]	0.877 [0.000]	0.375 [0.000]	0.380 [0.000]
<i>inv</i>	0.027*** [0.002]	0.013 [0.116]	0.011 [0.152]	0.012 [0.149]	0.012 [0.138]	0.003 [0.489]	0.007 [0.084]
<i>hk</i>	0.092 [0.305]	0.080 [0.33]	0.046 [0.539]	0.091 [0.273]	0.081 [0.324]	-0.033 [0.451]	-0.044 [0.295]
<i>ind</i>	0.015*** [0.000]	0.012 [0.123]	0.025 [0.001]	0.013 [0.109]	0.012 [0.125]	-0.012 [0.007]	-0.011 [0.011]
<i>netmigr</i>		0.001 [0.037]	0.001 [0.041]	0.001 [0.049]	0.001 [0.037]	0.001 [0.000]	0.001 [0.000]
<i>migr_total</i>		-0.009 [0.000]	-0.004 [0.000]	-0.010 [0.000+]	-0.009 [0.000+]	-0.004 [0.000]	-0.006 [0.000]
<i>working_migr</i>			-0.672 [0.000]			-0.440 [0.000]	-0.441 [0.000]
<i>retired_migr</i>			-1.030 [0.000]			-0.612 [0.000]	-0.646 [0.000]
<i>working_migr*EI</i>				0.044 [0.388]		-0.014 [0.602]	
<i>retired_migr*EI</i>					-0.016 [0.763]		0.160 [0.000]
<i>Observations</i>	700	700	700	700	700	700	700
<i>Underidentification test (Anderson canon. corr. LM statistic)</i>	575.81*** [0.000]	570.83*** [0.000]	559.490 [0.000]	544.430 [0.000]	555.840 [0.000]	616.050 [0.000]	620.600 [0.000]
<i>Weak identification test (Stock-Yogo)</i>	4920.58 [0.000]	4549.600 [0.000]	3888.150 [0.000]	3248.950 [0.000]	3719.140 [0.000]	11395.960 [0.000]	13258.330 [0.000]

Note: *** p<0.01 ** p<0.05, * p<0.1. P-value in brackets.