Data appendix to "Moving to suburbia? Effects of residential mobility on community engagement"

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This document contains the result tables of the regression models fitted and and presented in our paper entitled "Moving to suburbia? Effects of residential mobility on community engagement", published in XXXXXXXXX.

A Effect of individual factors on civic engagement

Table 1: OLS regression model of the C index of community engagement on individual residential mobility.

		Components		
	Index	Identity	Participation	Knowledge
Length of residence [Ref. < 2 years]				
2 to 5 years	0.105	0.181	0.120	0.050
	(0.075)	(0.169)	(0.097)	(0.098)
6 to 10 years	0.156**	0.254	0.176*	0.084
	(0.074)	(0.167)	(0.096)	(0.097)
11 to 15 years	0.154**	0.218	0.186*	0.084
	(0.075)	(0.169)	(0.097)	(0.098)
16 to 20 years	0.165**	0.183	0.171*	0.150
	(0.075)	(0.171)	(0.098)	(0.099)
20+ years	0.212***	0.231	0.252***	0.156
	(0.073)	(0.166)	(0.095)	(0.097)
Whole life	0.230***	0.336**	0.255***	0.148
	(0.073)	(0.165)	(0.095)	(0.096)
Age	0.0005	0.002**	−0.0003	0.0003
	(0.0005)	(0.001)	(0.001)	(0.001)
City size [Ref. < 10K]				
10K to 100K	−0.028**	−0.050*	0.017	−0.071***
	(0.012)	(0.027)	(0.015)	(0.016)
100K to 500K	−0.012	−0.012	0.008	−0.037**
	(0.014)	(0.031)	(0.018)	(0.018)
500K +	−0.034**	−0.015	0.010	−0.096***
	(0.014)	(0.032)	(0.018)	(0.019)
Education [Ref. Less than elementary]				
Elementary	0.068	0.213*	0.009	0.065
	(0.053)	(0.120)	(0.069)	(0.070)
Middle	0.030	0.066	−0.001	0.048
	(0.048)	(0.108)	(0.062)	(0.063)
Junior High School	0.046	0.056	0.016	0.078
	(0.048)	(0.108)	(0.062)	(0.063)
Senior High / Vocational	0.061	0.038	0.058	0.076
	(0.048)	(0.109)	(0.062)	(0.063)
Undergraduate	0.073	−0.016	0.077	0.114*

	(0.050)	(0.112)	(0.064)	(0.065)
Postgraduate	0.041	−0.047	0.042	0.085
	(0.049)	(0.111)	(0.063)	(0.064)
No children at home (6 y.o. or less)	−0.024**	−0.018	−0.033**	−0.017
	(0.012)	(0.026)	(0.015)	(0.015)
Activity [Ref. Service employee]				
Liberal profession	0.025	−0.043	0.041	0.041
	(0.024)	(0.055)	(0.032)	(0.032)
Employer	0.094***	0.082	0.095**	0.100**
	(0.035)	(0.080)	(0.046)	(0.047)
Self-employed	0.059**	0.079	0.097***	0.004
	(0.023)	(0.052)	(0.030)	(0.030)
Farmer	0.050	0.130	0.179	−0.140
	(0.087)	(0.196)	(0.112)	(0.114)
Middle-management	0.028*	0.028	0.050**	0.003
	(0.015)	(0.035)	(0.020)	(0.020)
Worker	0.032*	0.028	0.063***	−0.003
	(0.016)	(0.037)	(0.021)	(0.022)
Homemaker	0.044**	0.105**	0.063**	−0.009
	(0.021)	(0.049)	(0.028)	(0.028)
Retiree/Pensioner	0.049***	0.054	0.052**	0.042*
	(0.019)	(0.042)	(0.024)	(0.024)
Unemployed	−0.002	−0.047	0.050**	−0.041*
	(0.017)	(0.039)	(0.023)	(0.023)
Student	−0.007	−0.027	0.031	−0.040
	(0.022)	(0.050)	(0.029)	(0.029)
Gender Female	−0.012	0.013	−0.010	−0.027**
	(0.009)	(0.020)	(0.012)	(0.012)
Frequency discuss about politics [Ref. Usually]				
Sometimes	−0.034***	0.004	−0.003	−0.089***
	(0.010)	(0.023)	(0.013)	(0.014)
Rarely	−0.045***	−0.004	−0.021	−0.095***
	(0.012)	(0.027)	(0.016)	(0.016)
Never	−0.060***	0.035	−0.048**	−0.122***
	(0.015)	(0.034)	(0.019)	(0.020)
Most important elections [Ref. Regional]				
National	−0.035***	−0.077***	−0.015	−0.037***
	(0.011)	(0.024)	(0.014)	(0.014)
Municipal	0.057***	0.093***	0.042**	0.057***
	(0.013)	(0.029)	(0.016)	(0.017)
European	−0.003	−0.144***	0.034	0.025
	(0.021)	(0.048)	(0.027)	(0.028)
All equal	−0.041**	−0.067*	−0.045**	−0.023
	(0.016)	(0.036)	(0.021)	(0.021)
None	0.041*	0.071	0.069**	−0.006
	(0.023)	(0.053)	(0.030)	(0.031)
Probability to vote next local elections [0-10]	0.007***	0.010***	0.007***	0.006***
	(0.001)	(0.003)	(0.002)	(0.002)
External efficacy (Municipality) [0-10]	0.007***	0.012***	0.007***	0.005**
	(0.001)	(0.003)	(0.002)	(0.002)
Constant	0.075	−0.156	0.142	0.113
	(0.092)	(0.208)	(0.119)	(0.121)
Observations	1,327	1,327	1,327	1,327
R^2	0.222	0.160	0.125	0.190
Residual Std. Error (df = 1288)	0.150	0.338	0.194	0.197
Note:				*p<0.1; **p<0.05; ***p<0.01

B Effect of the interaction between individual mobility and municipal population growth on community engagement

Table 2: Results of the OLS regression model of the index of community engagement on the type of community, with interactions for individual migration.

		Components		
	Index	Identity	Participation	Knowledge
Population growth [Ref. $>$ 30%]				
20 to 30%	−0.003	−0.076	0.005	0.025
	(0.034)	(0.078)	(0.044)	(0.045)
10 to 20%	0.053*	−0.056	0.086**	0.067*
	(0.030)	(0.069)	(0.039)	(0.040)
5 to 10%	0.007	−0.086	0.042	0.013
	(0.029)	(0.065)	(0.037)	(0.038)
0 to 5%	0.013	−0.088	0.063*	0.005
	(0.028)	(0.064)	(0.036)	(0.037)
Decrease	0.006	−0.100	0.015	0.049
	(0.027)	(0.061)	(0.035)	(0.035)
Barcelona	−0.033	−0.075	0.026	−0.081**
	(0.027)	(0.062)	(0.035)	(0.036)
Migrant [Yes]	−0.099***	−0.196***	−0.088**	−0.062
	(0.031)	(0.070)	(0.039)	(0.040)
20 to 30% x Migrant	0.018	0.064	0.006	0.010
	(0.048)	(0.109)	(0.061)	(0.063)
10 to 20% x Migrant	−0.031	0.151	−0.100*	−0.043
	(0.040)	(0.092)	(0.052)	(0.053)
5 to 10% x Migrant	−0.005	0.066	−0.048	0.009
	(0.040)	(0.090)	(0.051)	(0.052)
0 to 5% x Migrant	0.001	0.103	−0.028	−0.017
	(0.041)	(0.094)	(0.053)	(0.054)
Decrase x Migrant	0.061*	0.187**	0.070	−0.013
	(0.037)	(0.084)	(0.047)	(0.048)
Barcelona x Migrant	0.105**	0.060	0.123**	0.107*
	(0.045)	(0.102)	(0.058)	(0.059)
Age	0.0005	0.001	−0.00004	0.001
	(0.0004)	(0.001)	(0.001)	(0.001)
City size [Ref. $<$ 10K]				
10K to 100K	−0.030**	−0.052*	0.014	−0.070***
	(0.012)	(0.028)	(0.016)	(0.016)
100K to 500K	−0.015	−0.002	0.003	−0.044**
	(0.015)	(0.034)	(0.019)	(0.020)
Education [Ref. Less than elementary]				
Elementary	0.066	0.232*	0.013	0.046
	(0.053)	(0.121)	(0.068)	(0.070)
Middle school	0.035	0.091	0.009	0.036
	(0.048)	(0.109)	(0.061)	(0.063)
Junior High	0.049	0.081	0.021	0.065
	(0.048)	(0.109)	(0.062)	(0.063)
Senior High	0.069	0.073	0.071	0.065
	(0.048)	(0.110)	(0.062)	(0.063)
Undergraduate	0.080	0.020	0.090	0.099
	(0.050)	(0.113)	(0.064)	(0.065)
Postgraduate	0.045	−0.010	0.049	0.067
	(0.049)	(0.112)	(0.063)	(0.064)
No children at home (6 y.o. or less)	−0.029**	−0.029	−0.038***	−0.019
	(0.012)	(0.026)	(0.015)	(0.015)
Activity [Ref. Service employee]				
Liberal profession	0.026	−0.062	0.046	0.048
	(0.024)	(0.056)	(0.031)	(0.032)
Employer	0.103***	0.089	0.108**	0.104**
	(0.036)	(0.081)	(0.046)	(0.047)

Self-employed	0.059**	0.084	0.096***	0.004
	(0.023)	(0.053)	(0.030)	(0.030)
Farmer	0.047	0.123	0.155	−0.117
	(0.087)	(0.199)	(0.112)	(0.115)
Middle-management	0.027*	0.023	0.048**	0.004
	(0.015)	(0.035)	(0.020)	(0.020)
Worker	0.031*	0.025	0.061***	−0.001
	(0.016)	(0.037)	(0.021)	(0.022)
Homemaker	0.040*	0.102**	0.058**	−0.012
	(0.021)	(0.049)	(0.028)	(0.028)
Retiree/Pensioner	0.048***	0.056	0.050**	0.041*
	(0.019)	(0.042)	(0.024)	(0.024)
Unemployed	−0.004	−0.050	0.046**	−0.040*
	(0.017)	(0.040)	(0.022)	(0.023)
Student	−0.0002	−0.033	0.040	−0.031
	(0.022)	(0.050)	(0.028)	(0.029)
Gender [Female]	−0.011	0.013	−0.010	−0.026**
	(0.009)	(0.021)	(0.012)	(0.012)
Frequency discuss about politics [Ref. Usually]				
Sometimes	−0.033***	0.010	−0.006	−0.088***
	(0.010)	(0.024)	(0.013)	(0.014)
Rarely	−0.045***	0.001	−0.022	−0.094***
	(0.012)	(0.028)	(0.016)	(0.016)
Never	−0.062***	0.036	−0.051***	−0.124***
	(0.015)	(0.034)	(0.019)	(0.020)
Most important elections [Ref. Regional]				
National	−0.038***	−0.086***	−0.017	−0.038***
	(0.011)	(0.024)	(0.014)	(0.014)
Municipal	0.055***	0.092***	0.037**	0.057***
	(0.013)	(0.029)	(0.016)	(0.017)
European	0.006	−0.123**	0.046*	0.024
	(0.021)	(0.048)	(0.027)	(0.028)
All equal	−0.041**	−0.068*	−0.046**	−0.021
	(0.016)	(0.036)	(0.021)	(0.021)
None	0.044*	0.075	0.077**	−0.009
	(0.023)	(0.053)	(0.030)	(0.031)
Probability to vote next local elections [0-10]	0.007***	0.011***	0.007***	0.006***
	(0.001)	(0.003)	(0.002)	(0.002)
External efficacy (Municipality) [0-10]	0.007***	0.012***	0.007***	0.005**
	(0.001)	(0.003)	(0.002)	(0.002)
Constant	0.292***	0.246*	0.357***	0.239***
	(0.061)	(0.140)	(0.079)	(0.081)
Observations	1,327	1,327	1,327	1,327
R^2	0.228	0.152	0.142	0.196
Residual Std. Error (df = 1282)	0.149	0.341	0.192	0.197
Note:				*p<0.1; **p<0.05; ***p<0.01

C Effect of community engagement on voting

Table 3: Results of the logistic regression model of voting in local elections on the index of community engagement.

	Dependent variable:			
	Voted in last municipal elections (==1)			
	(1)	(2)	(3)	(4)
Index of C. Engagement	1.805***			
	(0.456)			
Identity		−0.005		
		(0.202)		
Participation			1.353***	
			(0.353)	
Knowledge				1.505***
				(0.382)
Age	0.058***	0.061***	0.061***	0.058***
	(0.005)	(0.005)	(0.005)	(0.005)
City size [Ref. < 10K]				
10K to 100K	−0.284	−0.312	−0.376*	−0.208
	(0.206)	(0.204)	(0.206)	(0.207)
100K to 500K	−0.293	−0.297	−0.348	−0.234
	(0.231)	(0.228)	(0.231)	(0.230)
500K +	−0.630***	−0.629***	−0.707***	−0.501**
	(0.231)	(0.229)	(0.232)	(0.232)
Education [Ref. Less than elementary]				
Elementary	0.229	0.346	0.308	0.242
	(0.909)	(0.906)	(0.908)	(0.906)
Middle	−0.044	0.042	0.019	−0.066
	(0.802)	(0.798)	(0.802)	(0.797)
Junior High School	0.657	0.757	0.726	0.587
	(0.807)	(0.803)	(0.807)	(0.803)
Senior High /Vocational	0.623	0.753	0.695	0.534
	(0.808)	(0.803)	(0.807)	(0.803)
Undergraduate	1.608*	1.738**	1.676**	1.510*
	(0.851)	(0.846)	(0.850)	(0.847)
Postgraduate	1.318	1.400*	1.377*	1.182
	(0.819)	(0.815)	(0.819)	(0.815)
Constant	−2.146**	−1.673*	−2.257***	−1.789**
	(0.867)	(0.854)	(0.871)	(0.854)
Observations	1,563	1,563	1,563	1,563
Log Likelihood	−715.088	−725.330	−716.945	−714.093
Akaike Inf. Crit.	1,454.176	1,474.661	1,457.891	1,452.186

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