

Table A4: Multinomial Logistic Model with Online and Offline Political Participation (Random Effects)

	Base				Control			
	Offline		Online		Offline		Online	
	Happy	Unhappy	Happy	Unhappy	Happy	Unhappy	Happy	Unhappy
<i>Main Effects:</i>								
Low Loneliness	1.604*** (0.39)	0.267 (0.32)	1.608*** (0.40)	0.329 (0.29)	1.593*** (0.38)	0.372 (0.32)	1.597*** (0.39)	0.427 (0.29)
High Loneliness	-0.377 (1.12)	0.777 (0.53)	-0.377 (1.11)	0.798 (0.51)	-0.270 (1.16)	0.697 (0.56)	-0.273 (1.16)	0.730 (0.53)
<i>Engagement Effects:</i>								
Online Communication	-0.665 ⁺ (0.38)	-0.353 (0.36)	-0.673 ⁺ (0.37)	-0.439 (0.35)	-0.545 (0.39)	-0.446 (0.38)	-0.550 (0.39)	-0.534 (0.37)
Low Civic Identification	-0.337 (0.50)	1.251** (0.36)	-0.343 (0.49)	1.202*** (0.34)	-0.306 (0.51)	1.171** (0.34)	-0.312 (0.51)	1.115*** (0.31)
High Civic Identification	0.221 (0.37)	0.038 (0.36)	0.206 (0.36)	-0.032 (0.36)	0.123 (0.39)	0.130 (0.37)	0.110 (0.38)	0.066 (0.36)
Online Engagement			0.050 (0.45)	0.709* (0.33)			0.040 (0.46)	0.701* (0.34)
Offline Engagement	0.007 (0.40)	0.299 (0.41)			-0.020 (0.39)	0.343 (0.43)		
<i>Controls:</i>								
Volunteering					0.120 (0.35)	0.034 (0.36)	0.111 (0.34)	-0.006 (0.36)
Marriage Status					-0.525* (0.26)	0.579** (0.21)	-0.528* (0.26)	0.543** (0.20)
Online Workspace					-0.392 (0.36)	0.078 (0.40)	-0.389 (0.36)	0.079 (0.38)
Religious Activity					0.044 (0.09)	-0.104 (0.06)	0.045 (0.09)	-0.087 (0.06)
Constant	-1.655*** (0.38)	-2.167*** (0.50)	-1.657*** (0.40)	-2.153*** (0.45)	-0.905 (0.55)	-3.185*** (0.65)	-0.902 (0.56)	-3.077*** (0.63)
Time Effects	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Observations	680		680		680		680	
Individuals	368		368		368		368	
F-Statistic	2.48		3.47		2.83		3.02	
p-value	0.0152		0.0015		0.0061		0.0039	

Standard errors in parentheses
Note: the controls used in the table were included to offset their effect on Loneliness and Happiness
Volunteering and working with online tools were included to eliminate bias in online communication and political engagement.
Religious Attendance was included to control for civic identification with the residential community.
⁺ $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$