

Supplementary Material for the article “Political participation of young immigrants: Do national identification and discrimination moderate the relationship?” Manuscript no. 9253

Table 3. Descriptive statistics for the majority population and immigrants-origin individuals (in brackets) (unweighted)

Variables	Mean	SD	Min	Max
<i>Dependent variables</i>				
Unconventional political participation	.45 (.44)	.68 (.73)	0	3
Conventional political participation	.81 (.68)	.39 (.47)	0	1
<i>Independent variables</i>				
<i>Education</i>				
Lower vocational sec. school	.19 (.30)		0	1
Higher vocational sec. school	.33 (.28)		0	1
Comprehensive school	.17 (.19)		0	1
Upper sec. school	.31 (.23)		0	1
Parents household net income	5.25 (4.44)	2.03 (1.92)	1 (decile)	10 (decile)
Political interest: Germany	3.0 (2.8)	1.22 (1.31)	1	5
Recruitment network	.85 (.48)	.85 (.71)	0	5
Number of German friends	4.27 (3.39)	.86 (1.25)	1	5
<i>Moderating variables</i>				
National Identification: Germany	3.49 (2.88)	.69 (.94)	1	4
Discrimination Index	1.2 (1.2)	.31 (.33)	1	4
<i>Control variables</i>				
Language Test	13.75 (11.03)	4.11 (4.46)	0	25
Gender	.46 (.43)	.50 (.49)	0	1
Left-right self-placement	4.47 (4.10)	2.02 (2.34)	0	10
Religion: importance	1.93 (2.63)	.84 (1.10)	1	4
Age (in years)	19.64 (19.78)	.02 (0.2)	18	30 (with gaps)

Table 4. Factor analysis with items simultaneously included for each index

Index/Item (scale)	Factor	Uniqueness
<i>Unconventional political participation</i>		
Do you participated in a demonstration in the past 12 months? [0/1]	0.64	0.59
Do you participated in a petition/signature collection in the past 12 months? [0/1]	0.62	0.62
Do you supported a party campaign in the past 12 months? [0/1]	0.42	0.83
<i>Recruitment networks: Involvement in clubs/groups</i>		
Are you involved in a voluntary relief organization? [0/1]	0.50	0.75
Are you involved in a sports club? [0/1]	0.38	0.86
Are you involved in a church/denomination/religious group? [0/1]	0.44	0.82
Are you involved in a fan club? [0/1]	0.33	0.89
Are you involved in a culture club? [0/1]	0.39	0.85
Are you involved in a political association? [0/1]	0.37	0.87
Are you involved in any other club or group? [0/1]	0.19	0.97
<i>Discrimination index</i>		
How often do you feel discriminated or treated unfairly in school? [1-4]	0.47	0.78
How often do you feel discriminated in trains/buses/trams/subway? [1-4]	0.75	0.44

How often do you feel discriminated in shops/stores/cafes/restaurants/nightclubs? [1-4]	0.79	0.38
How often do you feel discriminated by police or security guards? [1-4]	0.60	0.63

Note: Loadings from polychoric matrix and factor analysis with promax rotation with items simultaneously included for each index.

Table 5. Impact of CVM-aspects on unconventional & conventional political participation

	Unconventional political participation		Conventional political participation	
	Majority Population	Migration Background	Majority Population	Migration Background
<i>Education (Ref.: Lower vocational sec. school)</i>				
Higher vocational sec. school	0.04 (0.08)	0.08 (0.08)	0.08 (0.04)	0.18*** (0.04)
Comprehensive school	-0.06 (0.09)	0.08 (0.08)	-0.03 (0.05)	0.06 (0.05)
Upper sec. school	-0.01 (0.09)	0.11 (0.08)	0.06 (0.05)	0.20*** (0.05)
Parental monthly household income	0.01 (0.01)	-0.00 (0.01)	0.02** (0.01)	0.01 (0.01)
Political interest: Germany	0.12*** (0.02)	0.13*** (0.02)	0.03** (0.01)	0.06*** (0.01)
Number involvement clubs/groups (Index)	0.04 (0.03)	0.19*** (0.04)	0.04* (0.02)	0.02 (0.02)
Number German friends	-0.02 (0.03)	0.01 (0.02)	0.01 (0.02)	0.07*** (0.01)
Language test	0.02** (0.01)	0.01 (0.01)	0.00 (0.00)	-0.01 (0.00)
Male (Ref.: Female)	-0.16** (0.05)	-0.10 (0.06)	0.04 (0.03)	0.07* (0.03)
Left-Right self-placement	-0.04*** (0.01)	-0.04*** (0.01)	-0.01 (0.01)	-0.02** (0.01)
Religion: importance	-0.02 (0.03)	-0.00 (0.03)	0.02 (0.02)	0.04** (0.02)
Age	-0.01 (0.04)	0.03 (0.04)	-0.03 (0.02)	0.03 (0.02)
Constant	0.37 (0.83)	-0.59 (0.78)	1.06* (0.44)	-0.35 (0.44)
Observations	696	675	696	675
R ²	0.10	0.13	0.09	0.15

Notes: Linear Regressions;

Standard errors in parentheses; level of significance: *:p<.05, **:p<.01, ***:p<.001;

Source: own results; Data Source: CILS4EU-DE

Table 6. Moderating impact of discrimination & national identification on conventional political participation - logistic regressions (robustness check)

	Discrimination		National Identification	
	Majority Population	Migration Background	Majority Population	Migration Background
<i>Education (Ref.: Lower vocational sec. school)</i>				
Higher vocational sec. school	0.25 (1.36)	-0.16 (1.21)	1.22 (1.58)	-0.04 (0.89)
Comprehensive school	1.31	0.44	3.27	-0.21

	(1.63)	(1.10)	(1.78)	(0.87)
Upper sec. school	0.56	0.84	0.46	0.20
	(1.73)	(1.13)	(1.68)	(0.99)
Parental monthly household income	-0.37	-0.04	0.45	0.15
	(0.25)	(0.19)	(0.30)	(0.16)
Political interest: Germany	0.24	0.35	0.36	0.34
	(0.40)	(0.29)	(0.47)	(0.26)
Number involvement clubs/groups (Index)	0.54	-0.41	0.55	-0.35
	(0.73)	(0.66)	(0.89)	(0.54)
Number German friends	0.14	0.31	1.05*	0.38
	(0.56)	(0.29)	(0.46)	(0.25)
Discrimination Index	-1.80	-1.16		
	(2.40)	(1.01)		
Higher vocational sec. school*Discrimination Index	0.16	0.96		
	(1.12)	(0.99)		
Comprehensive school*Discrimination Index	-1.35	-0.18		
	(1.32)	(0.87)		
Upper sec. school*Discrimination Index	-0.10	0.40		
	(1.45)	(0.88)		
Parental monthly household income*Discrimination Index	0.46*	0.08		
	(0.22)	(0.15)		
Political interest: Germany*Discrimination Index	0.02	0.02		
	(0.32)	(0.22)		
Number involvement clubs/groups (Index) *Discrimination Index	-0.14	0.47		
	(0.59)	(0.54)		
Number German friends*Discrimination Index	-0.03	0.11		
	(0.47)	(0.22)		
National identification: Germany			1.79*	-0.35
			(0.79)	(0.46)
Higher vocational sec. school*National identification: Germany			-0.23	0.37
			(0.44)	(0.30)
Comprehensive school*National identification: Germany			-1.02*	0.17
			(0.50)	(0.29)
Upper sec. school*National identification: Germany			-0.00	0.38
			(0.47)	(0.32)
Parental monthly household income*National identification: Germany			-0.08	-0.04
			(0.09)	(0.05)
Political interest: Germany*National identification: Germany			-0.03	0.01
			(0.13)	(0.09)
Number involvement clubs/groups (Index) *National identification: Germany			-0.04	0.17
			(0.24)	(0.17)
Number German friends*National identification: Germany			-0.29*	0.04
			(0.14)	(0.08)
Language test	0.02	-0.03	0.01	-0.03
	(0.03)	(0.03)	(0.03)	(0.03)
Male (Ref.: Female)	0.26	0.44*	0.27	0.42
	(0.23)	(0.22)	(0.23)	(0.22)
Left-Right self-placement	-0.05	-0.12**	-0.05	-0.11**
	(0.06)	(0.04)	(0.06)	(0.04)
Religion: importance	0.17	0.28*	0.19	0.27*
	(0.15)	(0.11)	(0.15)	(0.11)
Age	-0.24	0.17	-0.25	0.18
	(0.17)	(0.13)	(0.17)	(0.13)
Constant	5.55	-4.21	-2.41	-5.06
	(4.48)	(3.12)	(4.44)	(2.98)
Observations	696	675	696	675
Pseudo-R ²	0.11	0.15	0.12	0.15

Notes: Logistic Regressions;

Standard errors in parentheses; level of significance: *:p<.05, **:p<.01, ***:p<.001;
Source: own results; Data Source: CILS4EU-DE

Table 7. Moderating impact of discrimination & national identification on participation in demonstrations (robustness check)

	Discrimination		National Identification	
	Majority Population	Migration Background	Majority Population	Migration Background
<i>Education (Ref.: Lower vocational sec. school)</i>				
Higher vocational sec. school	0.32* (0.14)	0.16 (0.15)	0.05 (0.18)	0.24 (0.13)
Comprehensive school	0.28 (0.17)	-0.13 (0.16)	-0.04 (0.21)	-0.00 (0.13)
Upper sec. school	0.16 (0.15)	-0.24 (0.15)	0.02 (0.19)	-0.17 (0.13)
Parental monthly household income	-0.01 (0.03)	-0.04 (0.03)	-0.01 (0.03)	-0.04 (0.02)
Political interest: Germany	0.06 (0.04)	0.03 (0.04)	0.22*** (0.05)	0.09** (0.03)
Number involvement clubs/groups (Index)	-0.09 (0.06)	0.06 (0.08)	0.16* (0.07)	0.19** (0.07)
Number German friends	0.08 (0.06)	-0.08 (0.04)	-0.06 (0.06)	0.02 (0.04)
Discrimination Index	0.42 (0.25)	-0.31* (0.14)		
Higher vocational sec. school*Discrimination Index	-0.27* (0.12)	-0.12 (0.12)		
Comprehensive school*Discrimination Index	-0.23 (0.14)	0.13 (0.13)		
Upper sec. school*Discrimination Index	-0.13 (0.13)	0.23* (0.11)		
Parental monthly household income*Discrimination Index	0.01 (0.02)	0.02 (0.02)		
Political interest: Germany*Discrimination Index	-0.01 (0.03)	0.02 (0.03)		
Number involvement clubs/groups (Index)*Discrimination Index	0.08 (0.05)	0.00 (0.07)		
Number German friends*Discrimination Index	-0.07 (0.05)	0.04 (0.03)		
National identification: Germany			0.04 (0.10)	0.01 (0.06)
Higher vocational sec. school*National identification: Germany			-0.01 (0.05)	-0.07 (0.04)
Comprehensive school*National identification: Germany			0.02 (0.06)	0.01 (0.04)
Upper sec. school*National identification: Germany			-0.01 (0.05)	0.07 (0.04)
Parental monthly household income*National identification: Germany			0.00 (0.01)	0.01 (0.01)
Political interest: Germany*National identification: Germany			-0.05*** (0.01)	-0.01 (0.01)
Number involvement clubs/groups (Index)*National identification: Germany			-0.04* (0.02)	-0.04 (0.02)
Number German friends*National identification: Germany			0.02 (0.02)	-0.01 (0.01)

Language test	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)
Male (Ref.: Female)	-0.06* (0.02)	-0.04 (0.03)	-0.06* (0.02)	-0.04 (0.03)
Left-Right self-placement	-0.01* (0.01)	-0.01 (0.01)	-0.00 (0.01)	-0.01 (0.01)
Religion: importance	0.00 (0.01)	0.01 (0.01)	0.01 (0.01)	0.00 (0.01)
Age	-0.02 (0.02)	-0.00 (0.02)	-0.02 (0.02)	0.00 (0.02)
Constant	-0.14 (0.47)	0.59 (0.42)	0.18 (0.47)	0.06 (0.42)
Observations	696	675	696	675
R ²	0.07	0.09	0.11	0.10

Notes: Linear Regressions;

Standard errors in parentheses; level of significance: *:p<.05, **:p<.01, ***:p<.001;

Source: own results; Data Source: CILS4EU-DE

Table 8. Moderating impact of discrimination & national identification on participation in petition/signatures (robustness check)

	Discrimination		National Identification	
	Majority Population	Migration Background	Majority Population	Migration Background
<i>Education (Ref.: Lower vocational sec. school)</i>				
Higher vocational sec. school	-0.03 (0.20)	-0.10 (0.17)	0.29 (0.27)	0.06 (0.14)
Comprehensive school	-0.08 (0.24)	-0.07 (0.18)	0.29 (0.30)	-0.11 (0.14)
Upper sec. school	-0.15 (0.22)	0.07 (0.17)	0.13 (0.28)	-0.08 (0.15)
Parental monthly household income	0.00 (0.04)	0.03 (0.03)	0.00 (0.04)	-0.01 (0.03)
Political interest: Germany	-0.03 (0.06)	0.07 (0.04)	0.17* (0.07)	0.03 (0.04)
Number involvement clubs/groups (Index)	-0.11 (0.09)	0.13 (0.09)	-0.10 (0.10)	0.25** (0.08)
Number German friends	0.13 (0.08)	-0.07 (0.05)	-0.00 (0.09)	0.04 (0.04)
Discrimination Index	0.16 (0.36)	-0.14 (0.16)		
Higher vocational sec. school*Discrimination Index	0.09 (0.17)	0.08 (0.13)		
Comprehensive school*Discrimination Index	0.07 (0.20)	0.09 (0.15)		
Upper sec. school*Discrimination Index	0.17 (0.18)	-0.03 (0.13)		
Parental monthly household income*Discrimination Index	-0.00 (0.03)	-0.01 (0.02)		
Political interest: Germany*Discrimination Index	0.06 (0.05)	-0.02 (0.03)		
Number involvement clubs/groups (Index)*Discrimination Index	0.09 (0.07)	-0.03 (0.08)		
Number German friends*Discrimination Index	-0.13 (0.07)	0.09* (0.04)		
National identification: Germany			0.09 (0.14)	-0.09 (0.07)

Higher vocational sec. school*National identification: Germany			-0.06 (0.07)	-0.02 (0.07)
Comprehensive school*National identification: Germany			-0.09 (0.09)	0.05 (0.05)
Upper sec. school*National identification: Germany			-0.02 (0.08)	0.04 (0.05)
Parental monthly household income*National identification: Germany			-0.00 (0.01)	0.01 (0.01)
Political interest: Germany*National identification: Germany			-0.03 (0.02)	0.01 (0.01)
Number involvement clubs/groups (Index)*National identification: Germany			0.03 (0.03)	-0.05* (0.03)
Number German friends*National identification: Germany			-0.01 (0.03)	0.00 (0.01)
Language test	0.02*** (0.00)	0.01** (0.00)	0.02** (0.00)	0.01*** (0.00)
Male	-0.05 (0.04)	-0.06 (0.03)	-0.05 (0.04)	-0.06 (0.03)
Left-Right self-placement	-0.03** (0.01)	-0.02** (0.01)	-0.02** (0.01)	-0.02** (0.01)
Religion: importance	-0.02 (0.02)	0.00 (0.02)	-0.01 (0.02)	-0.01 (0.02)
Age	-0.04 (0.03)	0.01 (0.02)	-0.04 (0.03)	0.01 (0.02)
Constant	0.69 (0.67)	-0.17 (0.48)	0.57 (0.69)	-0.16 (0.48)
Observations	696	675	696	675
R ²	0.10	0.16	0.10	0.17

Notes: Linear Regressions;

Standard errors in parentheses; level of significance: *:p<.05, **:p<.01, ***:p<.001;

Source: own results; Data Source: CILS4EU-DE

Table 9: Moderating impact of discrimination & national identification on supporting party campaign (robustness check)

	Discrimination		National Identification	
	Majority Population	Migration Background	Majority Population	Migration Background
<i>Education (Ref.: Lower vocational sec. school)</i>				
Higher vocational sec. school	-0.13 (0.14)	-0.00 (0.13)	0.31 (0.19)	0.12 (0.11)
Comprehensive school	-0.14 (0.17)	-0.12 (0.14)	0.26 (0.21)	-0.01 (0.11)
Upper sec. school	-0.12 (0.15)	0.04 (0.13)	0.11 (0.20)	0.09 (0.12)
Parental monthly household income	0.01 (0.03)	0.01 (0.02)	0.01 (0.03)	-0.03 (0.02)
Political interest: Germany	-0.07 (0.04)	0.04 (0.03)	-0.03 (0.05)	0.06 (0.03)
Number involvement clubs/groups (Index)	0.13* (0.06)	-0.10 (0.07)	0.11 (0.07)	0.16* (0.06)
Number German friends	0.07 (0.06)	-0.02 (0.04)	-0.09 (0.06)	-0.01 (0.03)
Discrimination Index	0.02 (0.25)	-0.07 (0.12)		
Higher vocational sec. school*Discrimination Index	0.09 (0.12)	0.05 (0.10)		

Comprehensive school*Discrimination Index	0.07 (0.14)	0.12 (0.11)		
Upper sec. school*Discrimination Index	0.06 (0.13)	-0.00 (0.10)		
Parental monthly household income*Discrimination Index	-0.00 (0.02)	-0.01 (0.02)		
Political interest: Germany*Discrimination Index	0.08* (0.03)	-0.01 (0.03)		
Number involvement clubs/groups (Index) *Discrimination Index	-0.09 (0.05)	0.11 (0.06)		
Number German friends*Discrimination Index	-0.05 (0.05)	0.02 (0.03)		
National identification: Germany			-0.10 (0.10)	-0.02 (0.05)
Higher vocational sec. school*National identification: Germany			-0.09 (0.05)	-0.02 (0.04)
Comprehensive school*National identification: Germany			-0.09 (0.06)	0.01 (0.04)
Upper sec. school*National identification: Germany			-0.04 (0.05)	-0.02 (0.04)
Parental monthly household income*National identification: Germany			-0.00 (0.01)	0.01 (0.01)
Political interest: Germany*National identification: Germany			0.02 (0.01)	-0.01 (0.01)
Number involvement clubs/groups (Index) *National identification: Germany			-0.02 (0.02)	-0.04* (0.02)
Number German friends*National identification: Germany			0.03 (0.02)	0.00 (0.01)
Language test	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)
Male (Ref.: Female)	-0.04 (0.02)	-0.00 (0.02)	-0.03 (0.02)	0.00 (0.02)
Left-Right self-placement	0.00 (0.01)	-0.01 (0.01)	-0.00 (0.01)	-0.01 (0.01)
Religion: importance	-0.00 (0.01)	-0.00 (0.01)	-0.00 (0.01)	-0.00 (0.01)
Age	0.04* (0.02)	0.02 (0.02)	0.04* (0.02)	0.02 (0.02)
Constant	-0.84 (0.47)	-0.24 (0.37)	-0.47 (0.48)	-0.32 (0.37)
Observations	696	675	696	675
R ²	0.04	0.04	0.04	0.05

Notes: Linear Regressions;

Standard errors in parentheses; level of significance: *:p<.05, **:p<.01, ***:p<.001;

Source: own results; Data Source: CILS4EU-DE