Supplementary Material

Voices in the margins: Exploring the link between discrimination and adolescents' political involvement

Philipp Kleer, Simone Abendschön, Gema García-Albacete, Lidia Núñez, David Sánchez
Politics and Governance, Vol. 13, Article 9309

2024-12-27

Contents

Table A1. Descriptive statistics of the continuous variables

vars	Min	Q1	Mean	Median	Q3	Max	Std.Dev	Skewness	Kurtosis	N.-Valid	Pct.-Valid
Age	12	16.00	16.44	16.00	17.00	28.00	0.68	1.78	14.23	11058	99.21
Discrimination experience	0	0.00	0.25	0.25	0.25	3.00	0.36	2.33	8.42	9786	87.80
Language proficiency	1	4.00	4.26	4.50	5.00	5.00	0.72	−0.58	−0.52	10827	97.14
Pol. discussion	0	1.00	1.90	2.00	3.00	4.00	1.22	−0.01	−1.08	9854	88.41
Pol. interest	0	1.00	1.53	2.00	2.00	4.00	1.20	0.35	−0.74	10935	98.11
Social participation	0	0.00	0.76	0.00	1.00	4.00	1.03	1.26	0.53	10875	97.57
Socioeconomic background	−88	−1.14	24.05	35.06	53.18	88.83	42.12	−1.06	0.46	9957	89.33

Table A2. Descriptive statistics of the categorical variables

```
[1] "Discrimination experience: 0-no, 1-yes"
```

vars	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
0	4740	48.4	48.4	42.5	42.5
1	5046	51.6	100.0	45.3	87.8
	1360			12.2	100.0
Total	11146	100.0	100.0	100.0	100.0

```
[1] "Female: 0-male, 1-female"
```

vars	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
0	5039	45.872	45.872	45.209	45.209
1	5946	54.128	100.000	53.346	98.556
	161			1.444	100.000
Total	11146	100.000	100.000	100.000	100.000

```
[1] "Immigration (<=2nd generation)"
```

vars	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
no	6837	61.340	61.340	61.340	61.340
yes	4309	38.660	100.000	38.660	100.000
	0			0.000	100.000
Total	11146	100.000	100.000	100.000	100.000

```
[1] "Education aim"
```

vars	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
below upper secondary	864	8.129	8.129	7.752	7.752
from upper secondary	2212	20.813	28.942	19.846	27.597
university degree	7552	71.058	100.000	67.755	95.353
	518			4.647	100.000
Total	11146	100.000	100.000	100.000	100.000

```
[1] "Country"
```

vars	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
England	2284	20.492	20.492	20.492	20.492
Germany	3427	30.746	51.238	30.746	51.238
Netherlands	2667	23.928	75.166	23.928	75.166
Sweden	2768	24.834	100.000	24.834	100.000
	0			0.000	100.000
Total	11146	100.000	100.000	100.000	100.000

Table A3. Mean tests among discrimination experience

Variable	Direction	Δ difference
Gender	female to male	-0.034^{***}
Immigrantion background	up to 2nd generation vs. native and >2nd generation	0.056^{***}
Education	*below upper secondary* vs. *university degree*	0.121^{***}
Education	*from upper secondary* vs. *university degree*	0.062^{***}
Education	*below upper secondary* vs. *from upper secondary*	0.059^{***}
Socioeconomic background	*low* vs. *high*	0.049^{***}
Socioeconomic background	*low* vs. *mid*	0.026^{**}
Socioeconomic background	*mid* vs. *high*	0.02^{*}

Table A4. Logistics regression

	Base Model (M1)	Interaction Model (M2)	Controls Model (M3)
Discrimination experience (wave 1, centered)	0.17 (0.05)**	0.18 (0.05)***	0.01 (0.06)
	[0.07, 0.28]	[0.07, 0.29]	[-0.11, 0.13]
Social participation	0.22 (0.03)***	0.25 (0.04)***	0.20 (0.04)***
	[0.17, 0.27]	[0.17, 0.32]	[0.12, 0.28]
Discrimination exp. x social participation		-0.05 (0.05)	-0.05 (0.05)
		[-0.15, 0.05]	[-0.16, 0.06]
Female (ref: male)			-0.65 (0.06)***
			[-0.77, -0.54]
Migration up to 2nd gen.			0.12 (0.06)+
			[0.00, 0.24]
Socioeconomic background (wave 1, centered)			0.01 (0.03)
			[-0.05, 0.08]
From upper secondary (ref: below upper secondary)			0.36 (0.13)**
			[0.11, 0.62]
University degree (ref: below upper secondary)			0.93 (0.12)***
			[0.69, 1.18]
Age (centered)			0.03 (0.03)
			[-0.03, 0.09]
Language proficiency (centered)			0.21 (0.04)***
			[0.14, 0.29]
Pol. discussions at home (centered)			0.62 (0.03)***
			[0.56, 0.68]
Germany (ref: England)			1.53 (0.10)***
			[1.34, 1.71]
Netherlands (ref: England)			0.24 (0.10)*
			[0.04, 0.45]
Sweden (ref:England)			0.22 (0.10)*
			[0.02, 0.41]
(Intercept)	-1.47 (0.04)***	-1.47 (0.04)***	-2.67 (0.15)***
	[-1.55, -1.39]	[-1.55, -1.39]	[-2.97, -2.39]
R2 tjur	0.01	0.01	0.13
AIC	8459.0	8460.1	7491.8
BIC	8480.1	8488.3	7597.4

Table A5. Linear regressions per country (M1)

	Pooled	England	Germany	Netherlands	Sweden
Discrimination experience (wave 1, centered)	0.07 (0.03)**	0.00 (0.05)	-0.03 (0.05)	0.09 (0.05)+	0.07 (0.05)
	[0.02, 0.12]	[-0.10, 0.11]	[-0.12, 0.06]	[-0.01, 0.18]	[-0.02, 0.17]
Social participation	0.14 (0.01)***	0.13 (0.02)***	0.16 (0.02)***	0.10 (0.02)***	0.31 (0.03)***
	[0.11, 0.16]	[0.08, 0.17]	[0.12, 0.20]	[0.05, 0.15]	[0.24, 0.37]
(Intercept)	1.52 (0.02)***	1.15 (0.04)***	1.87 (0.04)***	1.53 (0.03)***	1.43 (0.03)***
	[1.48, 1.55]	[1.06, 1.23]	[1.79, 1.94]	[1.47, 1.58]	[1.36, 1.50]
Num.Obs.	8431	2129	3195	2125	2102
R2 Adj.	0.015	0.013	0.017	0.009	0.040
AIC	26809.5	6790.8	10546.3	6141.4	6413.1
BIC	26837.6	6813.5	10570.6	6164.1	6435.7
Log.Lik.	-13400.742	-3391.406	-5269.150	-3066.716	-3202.539

Table A6. Linear regressions per country (M2)

	Pooled	England	Germany	Netherlands	Sweden
Discrimination experience (wave 1, centered)	0.07 (0.03)**	0.00 (0.05)	-0.02 (0.05)	0.09 (0.05)+	0.07 (0.05)
	[0.02, 0.12]	[-0.11, 0.11]	[-0.12, 0.07]	[-0.01, 0.19]	[-0.03, 0.17]
Social participation	0.14 (0.02)***	0.12 (0.04)***	0.21 (0.04)***	0.09 (0.03)**	0.32 (0.05)***
	[0.10, 0.18]	[0.05, 0.19]	[0.14, 0.28]	[0.04, 0.15]	[0.23, 0.41]
Discrimination exp. x social participation	0.00 (0.03)	0.01 (0.05)	-0.08 (0.04)+	0.03 (0.05)	-0.02 (0.07)
	[-0.06, 0.05]	[-0.08, 0.10]	[-0.16, 0.01]	[-0.08, 0.14]	[-0.15, 0.11]
(Intercept)	1.52 (0.02)***	1.15 (0.04)***	1.87 (0.04)***	1.53 (0.03)***	1.43 (0.04)***
	[1.48, 1.55]	[1.07, 1.23]	[1.79, 1.94]	[1.47, 1.58]	[1.36, 1.50]
Num.Obs.	8431	2129	3195	2125	2102
R2 Adj.	0.015	0.013	0.018	0.008	0.040
AIC	26811.4	6792.7	10545.2	6143.1	6415.0
BIC	26846.6	6821.1	10575.5	6171.4	6443.3
Log.Lik.	-13400.724	-3391.369	-5267.577	-3066.562	-3202.508

Table A7. Linear regressions per country (M3)

	Pooled	England	Germany	Netherlands	Sweden
Discrimination experience (wave 1, centered)	0.04 (0.02)	0.03 (0.06)	-0.01 (0.04)	0.06 (0.05)	0.04 (0.05)
	[-0.01, 0.09]	[-0.07, 0.14]	[-0.09, 0.08]	[-0.04, 0.15]	[-0.06, 0.14]
Social participation	0.12 (0.02)***	0.02 (0.04)	0.14 (0.03)***	0.09 (0.03)***	0.26 (0.05)***
	[0.08, 0.15]	[-0.05, 0.10]	[0.07, 0.20]	[0.04, 0.15]	[0.17, 0.35]
Discrimination exp. x social participation	-0.01 (0.02)	0.04 (0.05)	-0.05 (0.04)	-0.02 (0.05)	-0.02 (0.07)
	[-0.06, 0.03]	[-0.05, 0.13]	[-0.13, 0.03]	[-0.12, 0.08]	[-0.15, 0.11]
Female (ref: male)	-0.31 (0.02)***	-0.20 (0.05)***	-0.46 (0.04)***	-0.25 (0.04)***	-0.26 (0.05)***
	[-0.36, -0.27]	[-0.30, -0.10]	[-0.55, -0.38]	[-0.33, -0.17]	[-0.36, -0.16]
Migration up to 2nd gen.	0.02 (0.03)	0.04 (0.06)	-0.07 (0.05)	0.13 (0.05)*	0.07 (0.05)
	[-0.03, 0.07]	[-0.07, 0.15]	[-0.16, 0.02]	[0.02, 0.23]	[-0.03, 0.17]
Socioeconomic background (wave 1, centered)	0.02 (0.01)+	0.05 (0.03)*	0.02 (0.03)	0.01 (0.03)	0.00 (0.03)
	[0.00, 0.05]	[0.00, 0.10]	[-0.02, 0.07]	[-0.04, 0.07]	[-0.05, 0.05]
From upper secondary (ref: below upper secondary)	0.19 (0.05)***	0.37 (0.14)**	0.22 (0.06)***	-0.16 (0.15)	0.31 (0.43)
	[0.09, 0.28]	[0.10, 0.63]	[0.10, 0.33]	[-0.46, 0.14]	[-0.53, 1.16]
University degree (ref: below upper secondary)	0.51 (0.05)***	0.56 (0.12)***	0.56 (0.06)***	0.19 (0.15)	0.68 (0.43)
	[0.42, 0.61]	[0.33, 0.80]	[0.44, 0.68]	[-0.10, 0.48]	[-0.16, 1.52]
Age (centered)	0.02 (0.01)+	0.04 (0.04)	0.02 (0.02)	0.03 (0.02)	-0.07 (0.07)
	[0.00, 0.05]	[-0.04, 0.11]	[-0.02, 0.06]	[-0.02, 0.07]	[-0.20, 0.05]
Language proficiency (centered)	0.10 (0.01)***	0.14 (0.04)***	0.11 (0.03)***	0.09 (0.02)***	0.10 (0.03)**
	[0.07, 0.13]	[0.06, 0.21]	[0.06, 0.16]	[0.04, 0.13]	[0.03, 0.16]
Pol. discussions at home (centered)	0.34 (0.01)***	0.37 (0.03)***	0.34 (0.02)***	0.30 (0.02)***	0.37 (0.03)***
	[0.32, 0.36]	[0.32, 0.42]	[0.29, 0.38]	[0.26, 0.34]	[0.32, 0.42]
Germany (ref: England)	0.92 (0.04)***				
	[0.85, 1.00]				
Netherlands (ref: England)	0.47 (0.04)***				
	[0.39, 0.54]				
Sweden (ref:England)	0.29 (0.04)***				
	[0.21, 0.36]				

	Pooled	England	Germany	Netherlands	Sweden
(Intercept)	0.79 (0.05)***	0.67 (0.12)***	1.84 (0.07)***	1.52 (0.15)***	0.85 (0.43)*
	[0.69, 0.90]	[0.43, 0.91]	[1.71, 1.97]	[1.23, 1.80]	[0.01, 1.69]
Num.Obs.	8431	1817	2919	2022	1898
R2 Adj.	0.194	0.154	0.183	0.164	0.170
AIC	25123.0	5537.1	9073.6	5504.7	5530.0
BIC	25235.7	5608.7	9151.3	5577.7	5602.1
Log.Lik.	-12545.523	-2755.565	-4523.775	-2739.363	-2752.004

Figure A1. Multicollinearity across the models (VIF)

Pooled linear models

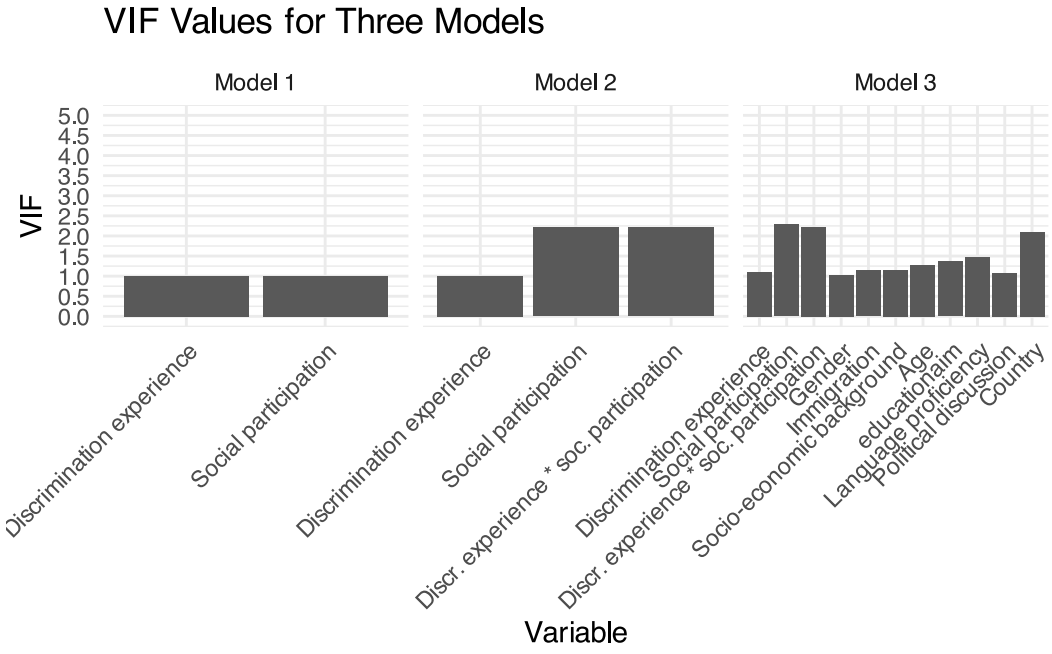


Figure A2. Multicollinearity across the models (VIF)

Pooled linear models England

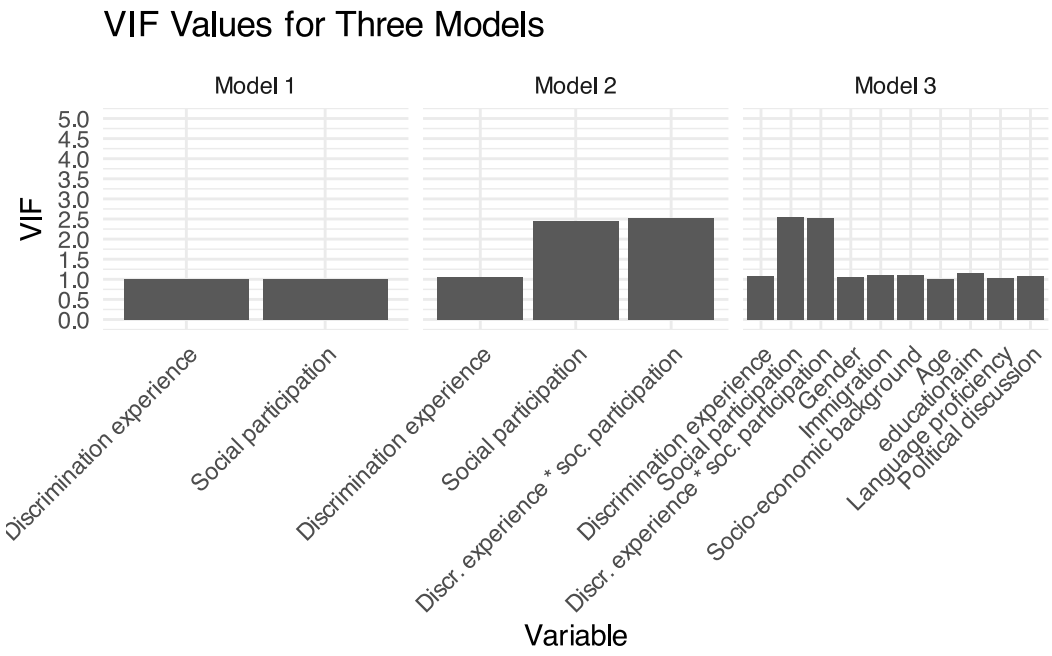


Figure A3. Multicollinearity across the models (VIF)

Pooled linear models Germany

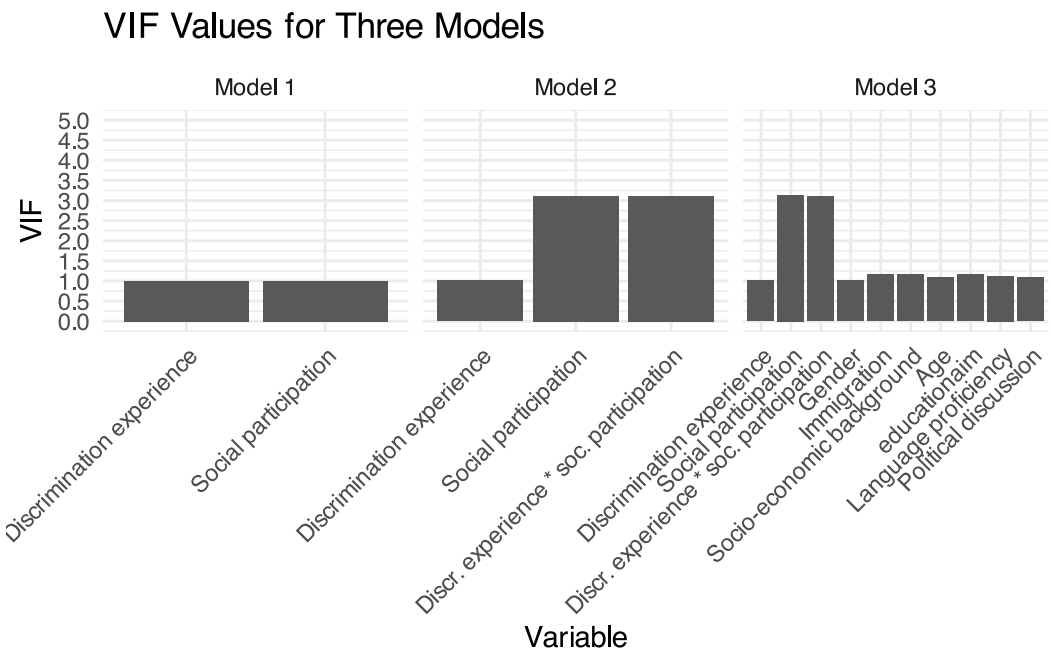


Figure A4. Multicollinearity across the models (VIF)

Pooled linear models Netherlands

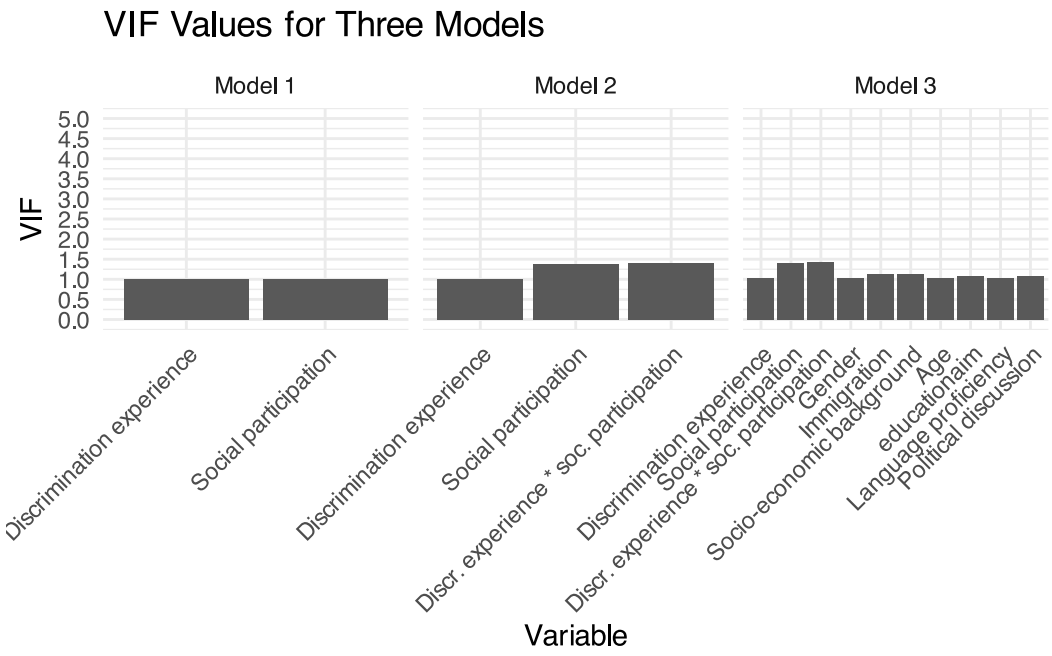


Figure A5. Multicollinearity across the models (VIF)

Pooled linear models Sweden

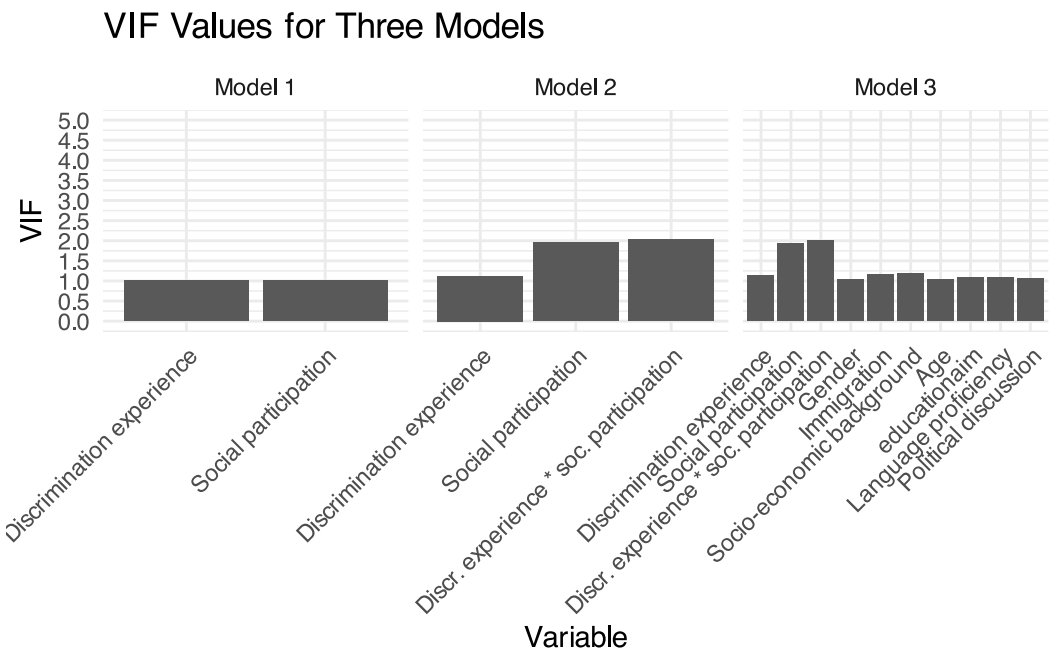
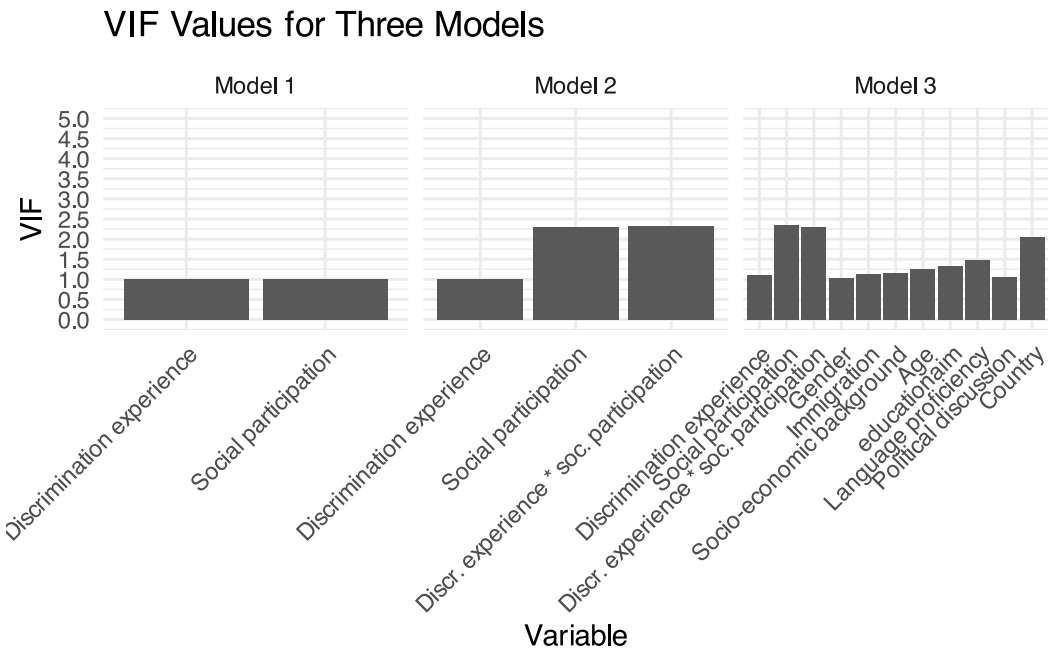


Figure A6. Multicollinearity across the models (VIF)

Pooled logistic regression



Results regarding EFA & CFA

Table A8. Normality check

Test	HZ	p value	MVN
Henze-Zirkler	2655.118	0	NO

Test	Variable	Statistic	p value	Normality
Anderson-Darling	schools	1235.597	<0.001	NO
Anderson-Darling	public_transportation	2793.333	<0.001	NO
Anderson-Darling	public_areas	2740.307	<0.001	NO
Anderson-Darling	police_security	2648.598	<0.001	NO

n	Mean	Std.Dev	Median	Min	Max	25th	75th	Skew	Kurtosis
9786	0.506	0.654	0	0	3	0	1	1.105	0.787
9786	0.150	0.424	0	0	3	0	0	3.196	11.558
9786	0.157	0.420	0	0	3	0	0	2.927	9.605
9786	0.199	0.557	0	0	3	0	0	3.164	10.239

Figure A7. Correlation check

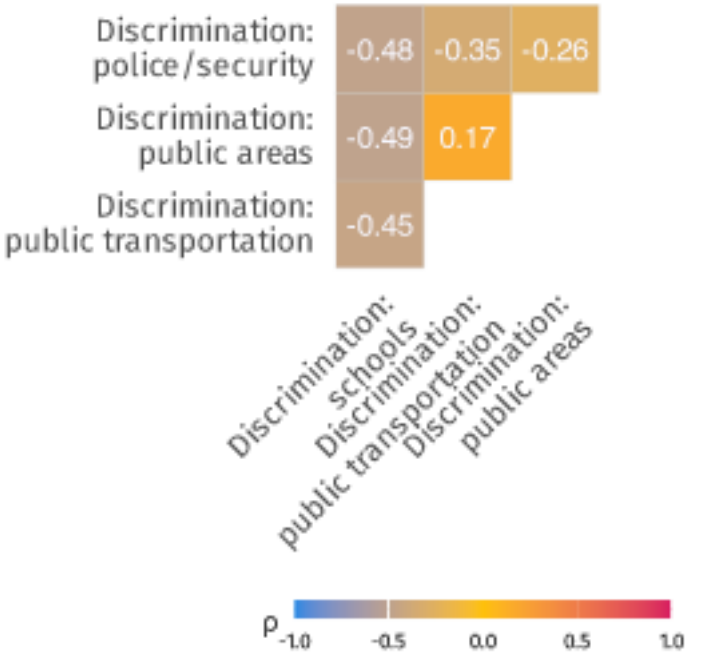


Table A9. Scale check

Item	Miss-ings	Mean	SD	Skew-ness	Difficulty	Discrimination	alpha if deleted
schools	0.12	0.51	0.66	1.11	0.17	0.34	0.63
public_transportation	0.12	0.15	0.43	3.20	0.05	0.47	0.52
public_areas	0.12	0.16	0.42	2.92	0.05	0.48	0.51
police_security	0.12	0.20	0.56	3.16	0.07	0.39	0.56

EFA model

```
# Method Agreement Procedure:

The choice of 1 dimensions is supported by 10 (66.67%) methods out of 15 (Bentler, Optimal coordinates,
Acceleration factor, Parallel analysis, Kaiser criterion, Scree (SE), VSS complexity 1, Velicer's
MAP, BIC, BIC (adjusted)).
```

```
# Rotated loadings from Factor Analysis (oblimin-rotation)

Variable              |  ML1 | Complexity | Uniqueness
-----------------------------------------------------
public_areas          | 0.70 |       1.00 |       0.51
public_transportation | 0.67 |       1.00 |       0.55
police_security       | 0.49 |       1.00 |       0.76
schools               | 0.41 |       1.00 |       0.83

The unique latent factor (oblimin rotation) accounted for 33.77% of the total variance of the
original data.
```

CFA models

```
lavaan 0.6-19 ended normally after 26 iterations

  Estimator                                         ML
  Optimization method                           NLMINB
  Number of model parameters                        12

  Number of observations                          9786
  Number of missing patterns                         1

Model Test User Model:
                                              Standard      Scaled
  Test Statistic                                37.430      20.540
  Degrees of freedom                                 2           2
  P-value (Chi-square)                           0.000       0.000
  Scaling correction factor                                  1.822
    Yuan-Bentler correction (Mplus variant)

Model Test Baseline Model:

  Test statistic                              5309.929    2318.639
  Degrees of freedom                                 6           6
  P-value                                        0.000       0.000
  Scaling correction factor                                  2.290

User Model versus Baseline Model:

  Comparative Fit Index (CFI)                    0.993       0.992
  Tucker-Lewis Index (TLI)                       0.980       0.976

  Robust Comparative Fit Index (CFI)                         0.994
  Robust Tucker-Lewis Index (TLI)                            0.981

Loglikelihood and Information Criteria:

  Loglikelihood user model (H0)             -26153.892  -26153.892
  Scaling correction factor                                  2.850
      for the MLR correction
  Loglikelihood unrestricted model (H1)     -26135.177  -26135.177
  Scaling correction factor                                  2.703
      for the MLR correction
```

```
  Akaike (AIC)                               52331.784   52331.784
  Bayesian (BIC)                             52418.049   52418.049
  Sample-size adjusted Bayesian (SABIC)      52379.915   52379.915

Root Mean Square Error of Approximation:

  RMSEA                                          0.043       0.031
  90 Percent confidence interval - lower         0.031       0.022
  90 Percent confidence interval - upper         0.055       0.040
  P-value H_0: RMSEA <= 0.050                    0.830       1.000
  P-value H_0: RMSEA >= 0.080                    0.000       0.000

  Robust RMSEA                                               0.041
  90 Percent confidence interval - lower                     0.026
  90 Percent confidence interval - upper                     0.059
  P-value H_0: Robust RMSEA <= 0.050                         0.771
  P-value H_0: Robust RMSEA >= 0.080                         0.000

Standardized Root Mean Square Residual:

  SRMR                                           0.012       0.012

Parameter Estimates:

  Standard errors                             Sandwich
  Information bread                           Observed
  Observed information based on                Hessian

Latent Variables:
                   Estimate  Std.Err  z-value  P(>|z|)   Std.lv  Std.all
  discrimination =~
    schools           1.000                               0.271    0.414
    pblc_trnsprttn    1.050    0.047   22.518    0.000    0.284    0.670
    public_areas      1.089    0.052   20.745    0.000    0.295    0.701
    police_securty    1.004    0.048   20.864    0.000    0.272    0.488

Intercepts:
                  Estimate  Std.Err  z-value  P(>|z|)   Std.lv  Std.all
   .schools          0.506    0.007   76.485    0.000    0.506    0.773
   .pblc_trnsprttn   0.150    0.004   34.957    0.000    0.150    0.353
   .public_areas     0.157    0.004   37.067    0.000    0.157    0.375
   .police_securty   0.199    0.006   35.338    0.000    0.199    0.357

Variances:
                  Estimate  Std.Err  z-value  P(>|z|)   Std.lv  Std.all
   .schools          0.355    0.007   50.890    0.000    0.355    0.829
   .pblc_trnsprttn   0.099    0.004   22.093    0.000    0.099    0.551
   .public_areas     0.090    0.004   22.755    0.000    0.090    0.508
   .police_securty   0.236    0.009   26.515    0.000    0.236    0.762
    discrimination   0.073    0.005   13.943    0.000    1.000    1.000

R-Square:
                  Estimate
    schools          0.171
    pblc_trnsprttn   0.449
    public_areas     0.492
    police_securty   0.238
```

```
lavaan 0.6-19 ended normally after 32 iterations

  Estimator                                         ML
```

```
  Optimization method                           NLMINB
  Number of model parameters                        13

  Number of observations                          9786
  Number of missing patterns                         1

Model Test User Model:
                                              Standard      Scaled
  Test Statistic                                 6.915       3.737
  Degrees of freedom                                 1           1
  P-value (Chi-square)                           0.009       0.053
  Scaling correction factor                                  1.850
    Yuan-Bentler correction (Mplus variant)

Model Test Baseline Model:

  Test statistic                              5309.929    2318.639
  Degrees of freedom                                 6           6
  P-value                                        0.000       0.000
  Scaling correction factor                                  2.290

User Model versus Baseline Model:

  Comparative Fit Index (CFI)                    0.999       0.999
  Tucker-Lewis Index (TLI)                       0.993       0.993

  Robust Comparative Fit Index (CFI)                         0.999
  Robust Tucker-Lewis Index (TLI)                            0.994

Loglikelihood and Information Criteria:

  Loglikelihood user model (H0)             -26138.635  -26138.635
  Scaling correction factor                                  2.768
      for the MLR correction
  Loglikelihood unrestricted model (H1)     -26135.177  -26135.177
  Scaling correction factor                                  2.703
      for the MLR correction

  Akaike (AIC)                               52303.270   52303.270
  Bayesian (BIC)                             52396.723   52396.723
  Sample-size adjusted Bayesian (SABIC)      52355.411   52355.411

Root Mean Square Error of Approximation:

  RMSEA                                          0.025       0.017
  90 Percent confidence interval - lower         0.010       0.005
  90 Percent confidence interval - upper         0.043       0.031
  P-value H_0: RMSEA <= 0.050                    0.990       1.000
  P-value H_0: RMSEA >= 0.080                    0.000       0.000

  Robust RMSEA                                               0.023
  90 Percent confidence interval - lower                     0.000
  90 Percent confidence interval - upper                     0.050
  P-value H_0: Robust RMSEA <= 0.050                         0.953
  P-value H_0: Robust RMSEA >= 0.080                         0.000

Standardized Root Mean Square Residual:

  SRMR                                           0.005       0.005

Parameter Estimates:
```

```
  Standard errors                             Sandwich
  Information bread                           Observed
  Observed information based on                Hessian

Latent Variables:
                   Estimate  Std.Err  z-value  P(>|z|)   Std.lv  Std.all
  discrimination =~
    schools           1.000                               0.293    0.448
    pblc_trnsprttn    0.862    0.053   16.204    0.000    0.253    0.596
    public_areas      0.899    0.056   15.965    0.000    0.264    0.627
    police_securty    1.016    0.051   19.828    0.000    0.298    0.535

Covariances:
                         Estimate  Std.Err  z-value  P(>|z|)   Std.lv
 .public_transportation ~~
   .public_areas             0.018    0.004    4.402    0.000    0.018
  Std.all

    0.165

Intercepts:
                  Estimate  Std.Err  z-value  P(>|z|)   Std.lv  Std.all
   .schools          0.506    0.007   76.485    0.000    0.506    0.773
   .pblc_trnsprttn   0.150    0.004   34.957    0.000    0.150    0.353
   .public_areas     0.157    0.004   37.067    0.000    0.157    0.375
   .police_securty   0.199    0.006   35.338    0.000    0.199    0.357

Variances:
                  Estimate  Std.Err  z-value  P(>|z|)   Std.lv  Std.all
   .schools          0.342    0.007   45.821    0.000    0.342    0.799
   .pblc_trnsprttn   0.116    0.005   21.627    0.000    0.116    0.645
   .public_areas     0.107    0.005   21.778    0.000    0.107    0.606
   .police_securty   0.221    0.009   25.205    0.000    0.221    0.713
    discrimination   0.086    0.006   13.508    0.000    1.000    1.000

R-Square:
                  Estimate
    schools          0.201
    pblc_trnsprttn   0.355
    public_areas     0.394
    police_securty   0.287
```

```
lavaan 0.6-19 ended normally after 30 iterations

  Estimator                                         ML
  Optimization method                           NLMINB
  Number of model parameters                        13

  Number of observations                          9786
  Number of missing patterns                         1

Model Test User Model:
                                              Standard      Scaled
  Test Statistic                                 6.915       3.737
  Degrees of freedom                                 1           1
  P-value (Chi-square)                           0.009       0.053
  Scaling correction factor                                  1.850
    Yuan-Bentler correction (Mplus variant)

Model Test Baseline Model:
```

```
  Test statistic                                5309.929    2318.639
  Degrees of freedom                                   6           6
  P-value                                          0.000       0.000
  Scaling correction factor                                    2.290

User Model versus Baseline Model:

  Comparative Fit Index (CFI)                      0.999       0.999
  Tucker-Lewis Index (TLI)                         0.993       0.993

  Robust Comparative Fit Index (CFI)                           0.999
  Robust Tucker-Lewis Index (TLI)                              0.994

Loglikelihood and Information Criteria:

  Loglikelihood user model (H0)               -26138.635  -26138.635
  Scaling correction factor                                    2.768
      for the MLR correction
  Loglikelihood unrestricted model (H1)       -26135.177  -26135.177
  Scaling correction factor                                    2.703
      for the MLR correction

  Akaike (AIC)                                 52303.270   52303.270
  Bayesian (BIC)                               52396.723   52396.723
  Sample-size adjusted Bayesian (SABIC)        52355.411   52355.411

Root Mean Square Error of Approximation:

  RMSEA                                            0.025       0.017
  90 Percent confidence interval - lower           0.010       0.005
  90 Percent confidence interval - upper           0.043       0.031
  P-value H_0: RMSEA <= 0.050                      0.990       1.000
  P-value H_0: RMSEA >= 0.080                      0.000       0.000

  Robust RMSEA                                                 0.023
  90 Percent confidence interval - lower                       0.000
  90 Percent confidence interval - upper                       0.050
  P-value H_0: Robust RMSEA <= 0.050                           0.953
  P-value H_0: Robust RMSEA >= 0.080                           0.000

Standardized Root Mean Square Residual:

  SRMR                                             0.005       0.005

Parameter Estimates:

  Standard errors                             Sandwich
  Information bread                           Observed
  Observed information based on                Hessian

Latent Variables:
                   Estimate  Std.Err  z-value  P(>|z|)   Std.lv  Std.all
  political =~
    schools           1.000                               0.293    0.448
    police_securty    1.016    0.051   19.828    0.000    0.298    0.535
  societal =~
    pblc_trnsprttn    1.000                               0.286    0.674
    public_areas      1.043    0.047   22.236    0.000    0.298    0.709

Covariances:
                   Estimate  Std.Err  z-value  P(>|z|)   Std.lv  Std.all
  political ~~
```

```
    societal          0.074    0.005   16.403    0.000    0.885    0.885

Intercepts:
                   Estimate  Std.Err  z-value  P(>|z|)   Std.lv  Std.all
   .schools           0.506    0.007   76.485    0.000    0.506    0.773
   .police_securty    0.199    0.006   35.338    0.000    0.199    0.357
   .pblc_trnsprttn    0.150    0.004   34.957    0.000    0.150    0.353
   .public_areas      0.157    0.004   37.067    0.000    0.157    0.375

Variances:
                   Estimate  Std.Err  z-value  P(>|z|)   Std.lv  Std.all
   .schools           0.342    0.007   45.821    0.000    0.342    0.799
   .police_securty    0.221    0.009   25.205    0.000    0.221    0.713
   .pblc_trnsprttn    0.098    0.005   21.278    0.000    0.098    0.546
   .public_areas      0.088    0.004   21.092    0.000    0.088    0.497
    political         0.086    0.006   13.508    0.000    1.000    1.000
    societal          0.082    0.006   13.344    0.000    1.000    1.000

R-Square:
                   Estimate
    schools           0.201
    police_securty    0.287
    pblc_trnsprttn    0.454
    public_areas      0.503
```

Table A10. Model comparison CFA

	logl	AIC	BIC	chisq	df	pvalue	CFI.robust	TLI.robust	RM-SRMSEA	SRMR
1 Factor	−26153.89	52331.78	52418.05	37.430	2	0.000	0.994	0.981	0.043	0.012
1 Factor w/ err.corr.	−26138.63	52303.27	52396.72	6.915	1	0.009	0.999	0.994	0.025	0.005
2 Factor	−26138.63	52303.27	52396.72	6.915	1	0.009	0.999	0.994	0.025	0.005

R Session Info

```
Analyses were conducted using the R Statistical language (version 4.4.2; R Core
Team, 2024) on macOS Sequoia 15.1.1
```

Package	Version	Citation
base	4.4.2	R Core Team (2024)
beyonce	0.1	Miller (2024)
car	3.1.3	Fox & Weisberg (2019)
easystats	0.7.3	Lüdecke et al. (2022)
grateful	0.2.10	Rodriguez-Sanchez & Jackson (2023)
insight	0.20.5	Lüdecke et al. (2019)
kableExtra	1.4.0	Zhu (2024)
knitr	1.49	Xie (2014); Xie (2015); Xie (2024)
lavaan	0.6.19	Rosseel (2012)
lme4	1.1.35.5	Bates et al. (2015)
modelsummary	2.2.0	Arel-Bundock (2022)
multcomp	1.4.26	Hothorn et al. (2008)

Package	Version	Citation
MVN	5.9	Korkmaz et al. (2014)
naniar	1.1.0	Tierney & Cook (2023)
parameters	0.23.0	Lüdecke et al. (2020)
performance	0.12.4	Lüdecke et al. (2021)
psych	2.4.6.26	William Revelle (2024)
RColorBrewer	1.1.3	Neuwirth (2022)
report	0.5.9	Makowski et al. (2023)
rmarkdown	2.29	Xie et al. (2018); Xie et al. (2020); Allaire et al. (2024)
scales	1.3.0	Wickham et al. (2023)
semTools	0.5.6	Jorgensen et al. (2022)
sjPlot	2.8.16	Lüdecke (2024)
summarytools	1.0.1	Comtois (2022)
tidyverse	2.0.0	Wickham et al. (2019)
wesanderson	0.3.7	Ram & Wickham (2023)

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