

Multicultural Attitudes in Europe: A Multilevel Analysis of Perceived Compatibility between Individual and Collective Justice Supplementary Material

This document provides a summary of additional analyses that were conducted to ensure robustness of the findings in the paper. As mentioned in the paper, these include the use of alternate individual measures (Tables A2 through A4), including country-level predictors independently (Tables A5 and A6), including country-level controls (GDP and GINI indices; Tables A7 and A8), and running part of the model with ESS 2002 data (right-hand side of Table A2). Also as mentioned in the paper, preliminary country-by-country analyses are shown in Table 1. Notes 1 through 8 are presented first, followed by the Tables.

Notes

Supplementary analyses were run to verify the significant individual-level interaction between group membership and support for individualized immigration policy predicting support for multiculturalism:

1. When citizenship was used as an objective indicator of majority and minority group membership (see Table A2), ten out of eighteen countries had significant, negative interactions (Austria, Belgium, Switzerland, Denmark, Estonia, Spain, France, UK, Netherlands and Sweden) and none had significant, positive ones. In the Czech Republic, the interaction was positive, but non-significant ($p = .721$). Multilevel analyses could not be conducted using citizenship as an alternative indicator, as two countries (Hungary and Poland; both post-communist European countries) did not have foreign respondents in their sample (and country-level N would be 18).
2. Four alternative random intercepts (fixed slopes) models were tested with (a) national citizenship as an objective indicator of majority and minority group membership (see Table A2), (b) ESS data from 2002 (see also Table A2), (c) the alternative three-item individualized immigration policy variable (see Table A3), and (d) the alternative two-item dependent variable (see Table A4). For the three models, interpretation of the random intercepts model remained identical and the interaction effect was consistently negative and significant ($p < .001$, $p = .007$, $p = .013$, and $p < .001$, respectively). ESS data from 2002 was used to ensure validity of our results, in addition to other supplementary analyses. While the same individual-level variables for 21 countries were available in this dataset, country-level variables were problematic (indicators of the Equality Policy index were only available as of 2007, and almost all countries were Western European). Therefore, we were only able to test H1 on the 2002 data.

Supplementary analyses were run to verify the marginally significant cross-level interaction between post-communist vs. Western European countries at level 2 and support for individualized immigration policy at level 1, predicting support for multiculturalism:

3. Alternative models with (a) the alternative three-item individualized immigration policy variable (see Table A3), (b) the alternative two-item dependent variable (Table A4), and (c) the geopolitical country location entered separately (Table A6) yielded similar interpretations of the cross-level interaction between geopolitical country location and support for individualized immigration policy ($p = .064$, $p = .001$, $p = .018$, respectively).

Supplementary analyses were run to verify the marginally significant cross-level interaction between presence of equality policies at level-2 and minority/majority group membership at level-1, predicting support for multiculturalism:

4. Alternative models with (a) the alternative three-item individualized immigration policy variable (see Table A3), (b) the alternative two-item dependent variable (Table A4), and (c) the degree of equality policies entered separately (Table A5) yielded similar interpretations of the cross-level interaction between equality policies and minority/majority group membership ($p = .122$, $p = .120$, $p = .055$, respectively).

Multicultural Attitudes in Europe: A Multilevel Analysis of Perceived Compatibility between Individual and Collective Justice
Supplementary Material

Supplementary analyses were run to verify the marginally significant cross-level interaction between post-communist vs. Western European countries at level-2 and minority/majority group membership at level-1, predicting support for multiculturalism:

5. Alternative models with (a) the alternative three-item individualized immigration policy variable (see Table A3), (b) the alternative two-item dependent variable (Table A4), and (c) the geopolitical country location entered separately (Table A6) yielded similar interpretations of the cross-level interaction between geopolitical country location and minority/majority group membership ($p = .066$, $p = .099$, $p = .091$, respectively).

Supplementary analyses were run to verify the significant cross-level (three-way) interaction between post-communist versus Western countries and the level-1 interaction, predicting support for multiculturalism:

6. Alternative models with (a) the alternative three-item individualized immigration policy variable (see Table A3), (b) the alternative two-item dependent variable (Table A4), and (c) geopolitical country location entered separately (Table A6) yielded similar interpretations of the three-way cross-level interaction (between post-communist vs. Western European countries and the two-way interaction between support for individualized immigration policy and minority/majority group membership) ($p = .046$, $p = .017$, $p = .007$, respectively).

Supplementary analyses were run to verify the non-significant cross-level (three-way) interaction between presence of equality policies and the level-1 interaction, predicting support for multiculturalism:

7. This effect was also non-significant in the models using the alternative three-item individualized immigration policy variables and the alternative two-item dependent variable (Tables A3 and A4). However, when the equality policy indicator was inserted separately in the model without controlling for the other level-2 indicators (Table A5), a marginally significant three-way interaction was found ($p = .064$). In line with preliminary country-by-country analyses, this result suggests that the presence of stronger national equality policies may be associated with *marginally* greater discrepancy between minorities and majorities in their compatibility between individualized immigration policy and multiculturalism, although the distinction between post-communist and Western European countries seems to be a more powerful explanation of this country-level variation.

Other supplementary analyses on the level-2 model:

8. Tables A7 and A8 show the full model controlling separately for economic wealth (GDP) and inequality (GINI) at the country-level. When controlling for GDP, respectively GINI, the 2-way cross-level interaction between geopolitical location at level-2 and support for individualized immigration policy at level-1 was first non-significant, but in the same direction ($p = .393$; GDP explained this effect instead), and respectively significant and negative ($p = .024$). The 2-way cross-level interaction between equality policies at level-2 and group membership at level-1 was non-significant, but in the same direction ($p = .185$; respectively $p = .115$). The 2-way cross-level interaction between geopolitical location at level-2 and group membership at level-1 was non-significant, but in the same direction ($p = .090$; respectively $p = .207$). Finally, the 3-way cross-level interaction between geopolitical location at level-2, group membership at level-1, and individualized immigration policy at level-1 remained significant ($p = .013$; respectively $p = .047$).

Multicultural Attitudes in Europe: A Multilevel Analysis of Perceived Compatibility between Individual and Collective Justice
Supplementary Material

Table A1

Preliminary Analyses: Country-by-Country Regressions

	Austria <i>B (SE)</i>	Belgium <i>B (SE)</i>	Switzerland <i>B (SE)</i>	Czech Republic <i>B (SE)</i>	Germany <i>B (SE)</i>
IndivPol	-0.33*** (0.02)	-0.29*** (0.02)	-0.15*** (0.02)	-0.09*** (0.02)	-0.25*** (0.01)
MajoMino	-0.44*** (0.09)	-0.32*** (0.08)	-0.12 [^] (0.07)	-0.53*** (0.13)	-0.08 (0.07)
Interaction	-0.02 (0.05)	-0.10* (0.04)	-0.08** (0.03)	0.18* (0.07)	0.01 (0.03)
<i>F (df)</i> Step 2	88.65*** (7,1763)	55.13*** (7,1753)	33.55*** (7,1509)	19.01*** (7,1954)	85.59*** (7,3008)
	Denmark <i>B (SE)</i>	Estonia <i>B (SE)</i>	Spain <i>B (SE)</i>	Finland <i>B (SE)</i>	France <i>B (SE)</i>
IndivPol	-0.25*** (0.02)	-0.02 (0.02)	-0.21*** (0.02)	-0.22*** (0.02)	-0.27*** (0.02)
MajoMino	-0.20 [^] (0.10)	-0.01 (0.04)	-0.04 (0.14)	-0.38** (0.12)	-0.26** (0.09)
Interaction	-0.18*** (0.04)	0.00 (0.02)	0.01 (0.07)	-0.06 (0.06)	-0.01 (0.04)
<i>F (df)</i> Step 2	45.50*** (7,1480)	25.36*** (7,1987)	66.95*** (7,1797)	60.86*** (7,2062)	65.15*** (7,1865)
	United Kingdom <i>B (SE)</i>	Hungary <i>B (SE)</i>	Ireland <i>B (SE)</i>	Lithuania <i>B (SE)</i>	Netherlands <i>B (SE)</i>
IndivPol	-0.42*** (0.02)	-0.23*** (0.02)	-0.24*** (0.02)	-0.10*** (0.02)	-0.23*** (0.02)
MajoMino	-0.36*** (0.06)	0.00 (0.08)	-0.11 (0.10)	-0.14* (0.06)	-0.33*** (0.06)
Interaction	-0.07* (0.03)	0.00 (0.04)	0.03 (0.05)	0.03 (0.04)	-0.07* (0.03)
<i>F (df)</i> Step 2	120.10*** (7,2211)	26.00*** (6,1679)	69.55*** (7,2339)	21.05*** (7,2118)	53.23*** (7,1887)
	Norway <i>B (SE)</i>	Poland <i>B (SE)</i>	Portugal <i>B (SE)</i>	Sweden <i>B (SE)</i>	Slovenia <i>B (SE)</i>
IndivPol	-0.22*** (0.02)	-0.06** (0.02)	-0.02 (0.02)	-0.25*** (0.02)	-0.21*** (0.02)
MajoMino	-0.27** (0.08)	-0.13 (0.22)	-0.24 (0.17)	-0.44*** (0.08)	-0.37** (0.14)
Interaction	-0.08* (0.03)	-0.12 (0.11)	-0.20* (0.09)	-0.07* (0.03)	-0.03 (0.07)
<i>F (df)</i> Step 2	48.27*** (7,1425)	12.78*** (6,1562)	26.39*** (7,1220)	86.25*** (7,1761)	32.85*** (7,1207)

Note. *** $p < .001$, ** $p < .01$, * $p < .05$ [^] $p < .10$

Effects of control variables (gender, age, education and citizenship) were included in the models but are not presented in the table.

IndivPol, MajoMino and control variables inserted in step 1; Interaction inserted in step 2 (*F* statistic refers to the final model).

IndivPol: Individualized immigration policy support; group-mean centred.

MajoMino: Majority (coded 1) vs. Ethnic minority (coded -1).

Interaction: MajoMino*IndivPol

Multicultural Attitudes in Europe: A Multilevel Analysis of Perceived Compatibility between Individual and Collective Justice
Supplementary Material

Table A2

*Preliminary Analyses Using Alternative **Citizenship Indicator (2014 ESS data)** and **2002 ESS data**: Coefficients (and Standard Errors) for Random Intercepts and Random Slopes Models Predicting Support for Multiculturalism*

	Citizenship as majority/minority group membership		2002 ESS data	
	Random intercepts model <i>B (SE)</i>	Random slopes model <i>B (SE)</i>	Random intercepts model <i>B (SE)</i>	Random slopes model <i>B (SE)</i>
Intercept	5.108*** (0.120)	5.196*** (0.087)	5.284*** (0.084)	5.251*** (0.085)
Individual level				
IndivPol	-0.142*** (0.027)	-0.143*** (0.019)	-0.147*** (0.018)	-0.137*** (0.016)
MajoMino	-0.368*** (0.105)	-0.456*** (0.066)	-0.237*** (0.050)	-0.219*** (0.045)
MajoMino*IndivPol	-0.074*** (0.020)	-0.070*** (0.014)	-0.038** (0.014)	-0.041** (0.014)
Variance components				
Residuals (individual level)	2.347*** (0.089)	2.296*** (0.081)	2.140 *** (0.091)	2.114*** (0.089)
Intercept (country level)	0.200* (0.077)	0.123* (0.061)	0.233** (0.089)	0.190** (0.065)
IndivPol		0.006** (0.002)		0.004* (0.001)
MajoMino		0.073*** (0.019)		0.038** (0.012)
MajoMino * IndivPol		0.002 (0.002)		0.001 (0.001)
AIC	135691.760	135005.211	138143.288	137784.631

Note. *** $p < .001$, ** $p < .01$, * $p < .05$, ^ $p < .10$

Null model using citizenship as majority/minority group membership same as reported model. Null model 2002 ESS data ICC 0.098; country-level variance $B = 0.269$, $SE = 0.106$, $p = .011$; individual-level variance $B = 2.465$, $SE = 0.114$, $p < .001$.

Effects of control variables (gender, age, education and citizenship) were included in the model but are not presented in the table.

IndivPol: Individualized immigration policy support; group-mean centred.

MajoMino: Majority (coded 1) vs. Ethnic minority (coded -1).

Multicultural Attitudes in Europe: A Multilevel Analysis of Perceived Compatibility between Individual and Collective Justice
Supplementary Material

Table A3

Step-by-Step Coefficients (and Standard Errors) from Random Intercepts Model to Multilevel Models Predicting Support for Multiculturalism (Alternative 3-Item IndivPol Variable)

	Random intercepts model <i>B (SE)</i>	Random slopes model <i>B (SE)</i>	Level 2 model Step 1 <i>B (SE)</i>	Level 2 model Step 2 <i>B (SE)</i>	Level 2 model Step 3 <i>B (SE)</i>
Intercept	5.232*** (0.154)	5.298*** (0.123)	5.036*** (0.130)	5.027*** (0.125)	5.005*** (0.129)
IndivPol	-0.161*** (0.023)	-0.157*** (0.021)	-0.157*** (0.021)	-0.178*** (0.027)	-0.178*** (0.034)
MajoMino	-0.188** (0.056)	-0.243*** (0.031)	-0.245*** (0.030)	-0.154*** (0.042)	-0.153*** (0.042)
MajoMino*IndivPol	-0.036* (0.014)	-0.034* (0.014)	-0.034* (0.014)	-0.035* (0.014)	-0.022 (0.018)
<i>EQPol</i>			0.005 (0.005)	0.005 (0.005)	0.006 (0.005)
<i>EastWest</i>			0.256* (0.111)	0.254* (0.102)	0.281* (0.111)
IndivPol * <i>EQPol</i>				0.000 (0.001)	0.000 (0.001)
IndivPol * <i>EastWest</i>				-0.032^ (0.017)	-0.020 (0.021)
MajoMino * <i>EQPol</i>				-0.003 (0.002)	-0.003 (0.002)
MajoMino * <i>EastWest</i>				-0.079^ (0.043)	-0.081^ (0.043)
MajoMino * IndivPol * <i>EQPol</i>					-0.001 (0.001)
MajoMino * IndivPol * <i>EastWest</i>					-0.026* (0.013)
VARIANCE COMPONENTS					
Residuals (individual level)	2.360*** (0.090)	2.319*** (0.084)	2.319*** (0.084)	2.319*** (0.084)	2.319*** (0.084)
Residuals (country level)	0.215** (0.078)	0.201* (0.086)	0.125** (0.042)	0.111* (0.043)	0.110* (0.043)
IndivPol		0.007** (0.003)	0.007** (0.003)	0.004* (0.002)	0.005* (0.002)
MajoMino		0.027** (0.009)	0.028** (0.009)	0.013* (0.006)	0.014* (0.006)
MajoMino * IndivPol		0.002 (0.001)	0.002 (0.001)	0.002^ (0.001)	0.001 (0.001)
AIC	135900.253	135372.174	135368.903	135368.192	135368.050

Note. *** $p < .001$, ** $p < .01$, * $p < .05$, ^ $p < .10$

Effects of control variables (gender, age, education and citizenship at level 1; proportion of majorities to minorities at level 2) were included in the model but are not presented in the table.

IndivPol: Individualized immigration policy support; alternative 3-item measure excluding speaking the country's language; group-mean centred.

MajoMino: Majority (coded 1) vs. Ethnic minority (coded -1).

EQPol: Equality policies mean centred.

EastWest: Post-Communist (coded -1) vs. Western (coded 1) European countries.

Multicultural Attitudes in Europe: A Multilevel Analysis of Perceived Compatibility between Individual and Collective Justice
Supplementary Material

Table A4

Step-by-Step Coefficients (and Standard Errors) from Random Intercepts Model to Multilevel Models Predicting Support for Multiculturalism (2-item Measure)

	Random intercepts model <i>B (SE)</i>	Random slopes model <i>B (SE)</i>	Level 2 model step 1 <i>B (SE)</i>	Level 2 model step 2 <i>B (SE)</i>	Level 2 model Step 3 <i>B (SE)</i>
Intercept	5.823*** (0.176)	5.890*** (0.152)	5.740*** (0.107)	5.758*** (0.087)	5.737*** (0.099)
Individual level					
IndivPol	-0.224*** (0.025)	-0.221*** (0.022)	-0.222*** (0.022)	-0.201*** (0.018)	-0.219*** (0.021)
MajoMino	-0.211*** (0.060)	-0.265*** (0.040)	-0.268*** (0.039)	-0.243*** (0.045)	-0.239*** (0.044)
MajoMino*IndivPol	-0.054*** (0.15)	-0.050*** (0.013)	-0.049** (0.015)	-0.050*** (0.014)	-0.027 (0.016)
Country level					
<i>EQPol</i>			0.008 (0.006)	0.008 (0.006)	0.008 (0.006)
<i>EastWest</i>			0.377** (0.118)	0.348*** (0.085)	0.393*** (0.096)
IndivPol * <i>EQPol</i>				0.000 (0.001)	0.000 (0.001)
IndivPol * <i>EastWest</i>				-0.052** (0.015)	-0.032^ (0.019)
MajoMino * <i>EQPol</i>				-0.004 (0.002)	-0.004 (0.002)
MajoMino * <i>EastWest</i>				-0.076^ (0.046)	-0.079 (0.048)
MajoMino * IndivPol * <i>EQPol</i>					0.000 (0.001)
MajoMino * IndivPol * <i>EastWest</i>					-0.033* (0.013)
Variance components					
Residuals (individual level)	3.680*** (0.133)	3.624*** (0.122)	3.624*** (0.122)	3.625*** (0.122)	3.625*** (0.122)
Intercept (country level)	0.350* (0.136)	0.342* (0.153)	0.179* (0.087)	0.176* (0.084)	0.173^ (0.092)
IndivPol		0.010* (0.004)	0.009* (0.004)	0.005^ (0.003)	0.007 (0.008)
MajoMino		0.031** (0.009)	0.028** (0.009)	0.012 (0.009)	0.012 (0.009)
MajoMino * IndivPol		0.002 (0.001)	0.002 (0.002)	0.002 (0.001)	0.000 (0.005)
AIC	152219.410	151765.559	151764.601	151760.607	151759.762

Note. *** $p < .001$, ** $p < .01$, * $p < .05$, ^ $p < .10$

Null model ICC 0.087; country-level variance $B = 0.407$, $SE = 0.149$, $p = .006$; individual-level variance $B = 4.274$, $SE = 0.182$, $p < .001$.

Effects of control variables (gender, age, education and citizenship at level 1; proportion of majorities to minorities at level 2) were included in the model but are not presented in the table.

IndivPol: Individualized immigration policy support; group-mean centred.

MajoMino: Majority (coded 1) vs. Ethnic minority (coded -1).

EQPol: Equality policies mean centred.

EastWest: Post-Communist (coded -1) vs. Western (coded 1) European countries.

Multicultural Attitudes in Europe: A Multilevel Analysis of Perceived Compatibility between Individual and Collective Justice
Supplementary Material

Table A5

Step-by-Step Coefficients (and Standard Errors) from Random Intercepts Model to Multilevel Models (with only Equality Policies as Country Level Predictor) Predicting Support for Multiculturalism

	Random intercepts model <i>B (SE)</i>	Random slopes model <i>B (SE)</i>	Level 2 model Step 1 <i>B (SE)</i>	Level 2 model Step 2 <i>B (SE)</i>	Level 2 model Step 3 <i>B (SE)</i>
Intercept	5.216*** (0.154)	5.286*** (0.122)	5.284*** (0.116)	5.282*** (0.115)	5.280*** (0.111)
Individual level					
IndivPol	-0.169*** (0.025)	-0.168*** (0.022)	-0.168*** (0.021)	-0.169*** (0.021)	-0.169*** (0.022)
MajoMino	-0.181** (0.057)	-0.240*** (0.031)	-0.237*** (0.030)	-0.234*** (0.029)	-0.233*** (0.029)
MajoMino*IndivPol	-0.043** (0.014)	-0.039** (0.013)	-0.038** (0.012)	-0.038** (0.012)	-0.038** (0.012)
Country level					
<i>EQPol</i>			0.003 (0.006)	0.004 (0.006)	0.007 (0.006)
IndivPol * <i>EQPol</i>				-0.001 (0.001)	0.000 (0.001)
MajoMino * <i>EQPol</i>				-0.003^ (0.002)	-0.003* (0.002)
MajoMino * IndivPol * <i>EQPol</i>					-0.001^ (0.001)
Variance components					
Residuals (individual level)	2.344*** (0.090)	2.302*** (0.083)	2.302*** (0.083)	2.302*** (0.083)	2.302*** (0.083)
Intercept (country level)	0.202** (0.077)	0.189* (0.085)	0.180* (0.086)	0.182* (0.085)	0.175* (0.083)
IndivPol		0.008** (0.003)	0.008** (0.003)	0.007* (0.003)	0.008* (0.003)
MajoMino		0.027** (0.009)	0.027** (0.009)	0.022** (0.008)	0.021** (0.008)
MajoMino * IndivPol		0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)
AIC	135652.345	135102.317	135103.551	135103.761	135102.593

Note. *** $p < .001$, ** $p < .01$, * $p < .05$, ^ $p < .10$

Effects of control variables (gender, age, education and citizenship at level 1) were included in the model but are not presented in the table. No additional level 2 variables were incorporated into this model.

IndivPol: Individualized immigration policy support; group-mean centred.

MajoMino: Majority (coded 1) vs. Ethnic minority (coded -1).

EQPol: Equality policies mean centred.

Multicultural Attitudes in Europe: A Multilevel Analysis of Perceived Compatibility between Individual and Collective Justice
Supplementary Material

Table A6

*Step-by-Step Coefficients (and Standard Errors) from Random Intercepts Model to Multilevel Models (with only **Western vs. Post-Communist Distinction as Country-Level Predictor**) Predicting Support for Multiculturalism*

	Random intercepts model <i>B (SE)</i>	Random slopes model <i>B (SE)</i>	Level 2 model Step 1 <i>B (SE)</i>	Level 2 model Step 2 <i>B (SE)</i>	Level 2 model Step 3 <i>B (SE)</i>
Intercept	5.216*** (0.154)	5.286*** (0.122)	5.180*** (0.121)	5.197*** (0.116)	5.168*** (0.114)
Individual level					
IndivPol	-0.169*** (0.025)	-0.168*** (0.022)	-0.168*** (0.022)	-0.151*** (0.021)	-0.156*** (0.022)
MajoMino	-0.181** (0.057)	-0.240*** (0.031)	-0.237*** (0.029)	-0.200*** (0.038)	-0.196*** (0.038)
MajoMino*IndivPol	-0.043** (0.014)	-0.039** (0.013)	-0.038** (0.013)	-0.038** (0.013)	-0.027* (0.011)
Country level					
<i>EastWest</i>			0.256** (0.090)	0.203* (0.087)	0.272** (0.101)
IndivPol * <i>EastWest</i>				-0.045* (0.019)	-0.028 (0.021)
MajoMino * <i>EastWest</i>				-0.085^ (0.050)	-0.091^ (0.048)
MajoMino * IndivPol * <i>EastWest</i>					-0.029** (0.010)
Variance components					
Residuals (individual level)	2.344*** (0.090)	2.302*** (0.083)	2.302*** (0.083)	2.302*** (0.083)	2.302*** (0.083)
Intercept (country level)	0.202** (0.077)	0.189* (0.085)	0.138* (0.062)	0.130* (0.059)	0.129* (0.060)
IndivPol		0.008** (0.003)	0.008** (0.003)	0.006* (0.003)	0.006* (0.003)
MajoMino		0.027** (0.009)	0.026** (0.009)	0.020** (0.006)	0.021** (0.006)
MajoMino * IndivPol		0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.000 (0.001)
AIC	135652.345	135102.317	135099.331	135095.333	135090.859

Note. *** $p < .001$, ** $p < .01$, * $p < .05$, ^ $p < .10$

Effects of control variables (gender, age, education and citizenship at level 1) were included in the model but are not presented in the table. No additional level 2 variables were incorporated into this model.

IndivPol: Individualized immigration policy support; group-mean centred.

MajoMino: Majority (coded 1) vs. Ethnic minority (coded -1).

EastWest: Eastern (coded -1) vs. Western (coded 1) European countries.

Multicultural Attitudes in Europe: A Multilevel Analysis of Perceived Compatibility between Individual and Collective Justice
Supplementary Material

Table A7

Step-by-Step Coefficients (and Standard Errors) from Random Intercepts Model to Multilevel Models Predicting Support for Multiculturalism, Controlling for GDP

	Random intercepts model <i>B (SE)</i>	Random slopes model <i>B (SE)</i>	Level 2 model step 1 <i>B (SE)</i>	Level 2 model step 2 <i>B (SE)</i>	Level 2 model step 3 <i>B (SE)</i>
Intercept	5.216*** (0.154)	5.286*** (0.122)	5.194*** (0.118)	5.191*** (0.116)	5.162*** (0.117)
Individual level					
IndivPol	-0.169*** (0.025)	-0.168*** (0.022)	-0.168*** (0.022)	-0.161*** (0.019)	-0.166*** (0.021)
MajoMino	-0.181** (0.057)	-0.240*** (0.031)	-0.237*** (0.029)	-0.198*** (0.041)	-0.193*** (0.040)
MajoMino*IndivPol	-0.043** (0.014)	-0.039** (0.013)	-0.038** (0.013)	-0.038** (0.012)	-0.027** (0.010)
Country level					
<i>EQPol</i>			0.004 (0.005)	0.003 (0.005)	0.003 (0.005)
<i>EastWest</i>			0.224* (0.091)	0.217* (0.108)	0.283* (0.122)
IndivPol * <i>EQPol</i>				-0.001 (0.001)	-0.001 (0.001)
IndivPol * <i>EastWest</i>				-0.018 (0.021)	0.001 (0.024)
MajoMino * <i>EQPol</i>				-0.003 (0.002)	-0.003 (0.002)
MajoMino * <i>EastWest</i>				-0.086^ (0.051)	-0.094^ (0.049)
MajoMino * IndivPol * <i>EQPol</i>					0.000 (0.000)
MajoMino * IndivPol * <i>EastWest</i>					-0.034* (0.014)
Variance components					
Residuals (individual level)	2.344*** (0.090)	2.302*** (0.083)	2.302*** (0.083)	2.302*** (0.083)	2.302*** (0.083)
Residuals (country level)	0.202** (0.077)	0.189* (0.085)	0.144* (0.067)	0.124* (0.052)	0.117* (0.051)
IndivPol		0.008** (0.003)	0.008** (0.003)	0.004^ (0.002)	0.005^ (0.003)
MajoMino		0.027** (0.009)	0.027** (0.009)	0.016* (0.007)	0.016* (0.007)
MajoMino * IndivPol		0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.000 (0.001)
AIC	135652.345	135102.317	135102.301	135098.532	135096.104

Note. *** $p < .001$, ** $p < .01$, * $p < .05$, ^ $p < .10$

Effects of control variables (gender, age, education and citizenship at level 1; GDP at level 2) were included in the model but are not presented in the table.

GDP consistently had no effect, except for the cross-level interaction between GDP and IndivPol which was positive and significant ($p = .019$). This effect suggests that in more wealthy countries, the negative relationship between IndivPol and support for multiculturalism is particularly strong. It also suggests that this negative relationship is better explained by GDP than by the geopolitical location of Western versus post-communist countries.

IndivPol: Individualized immigration policy support; group-mean centred.

MajoMino: Majority (coded 1) vs. Ethnic minority (coded -1).

EQPol: Equality policies mean centred.

EastWest: Post-Communist (coded -1) vs. Western (coded 1) European countries.

Multicultural Attitudes in Europe: A Multilevel Analysis of Perceived Compatibility between Individual and Collective Justice
Supplementary Material

Table A8

Step-by-Step Coefficients (and Standard Errors) from Random Intercepts Model to Multilevel Models Predicting Support for Multiculturalism, Controlling for GINI

	Random intercepts model <i>B (SE)</i>	Random slopes model <i>B (SE)</i>	Level 2 model step 1 <i>B (SE)</i>	Level 2 model step 2 <i>B (SE)</i>	Level 2 model step 3 <i>B (SE)</i>
Intercept	5.216*** (0.154)	5.286*** (0.122)	5.181*** (0.123)	5.198*** (0.120)	5.178*** (0.119)
Individual level					
IndivPol	-0.169*** (0.025)	-0.168*** (0.022)	-0.168*** (0.021)	-0.152*** (0.020)	-0.156*** (0.023)
MajoMino	-0.181** (0.057)	-0.240*** (0.031)	-0.237*** (0.030)	-0.206*** (0.042)	-0.203*** (0.040)
MajoMino*IndivPol	-0.043** (0.014)	-0.039** (0.013)	-0.039** (0.012)	-0.038** (0.013)	-0.030* (0.013)
Country level					
<i>EQPol</i>			0.003 (0.005)	0.003 (0.005)	0.004 (0.005)
<i>EastWest</i>			0.254* (0.104)	0.200^ (0.103)	0.246* (0.114)
IndivPol * <i>EQPol</i>				0.000 (0.001)	0.000 (0.001)
IndivPol * <i>EastWest</i>				-0.041* (0.018)	-0.027 (0.021)
MajoMino * <i>EQPol</i>				-0.003 (0.002)	-0.003 (0.002)
MajoMino * <i>EastWest</i>				-0.066 (0.051)	-0.070 (0.048)
MajoMino * IndivPol * <i>EQPol</i>					-0.001 (0.001)
MajoMino * IndivPol * <i>EastWest</i>					-0.024* (0.012)
Variance components					
Residuals (individual level)	2.344*** (0.090)	2.302*** (0.083)	2.302*** (0.083)	2.302*** (0.083)	2.302*** (0.083)
Residuals (country level)	0.202** (0.077)	0.189* (0.085)	0.132* (0.059)	0.123* (0.052)	0.119* (0.052)
IndivPol		0.008** (0.003)	0.008** (0.003)	0.006* (0.003)	0.006* (0.003)
MajoMino		0.027** (0.009)	0.027** (0.009)	0.015** (0.006)	0.016** (0.006)
MajoMino * IndivPol		0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.000 (0.001)
AIC	135652.345	135102.317	135102.695	135102.522	135100.200

Note. *** $p < .001$, ** $p < .01$, * $p < .05$, ^ $p < .10$

Effects of control variables (gender, age, education and citizenship at level 1; GINI at level 2) were included in the model but are not presented in the table.

GINI had no significant effects.

IndivPol: Individualized immigration policy support; group-mean centred.

MajoMino: Majority (coded 1) vs. Ethnic minority (coded -1).

EQPol: Equality policies mean centred.

EastWest: Post-Communist (coded -1) vs. Western (coded 1) European countries.