

Supplementary Materials for:

Robinson, Amanda Lea. 2014. "National versus Ethnic Identification in Africa: Modernization, Colonial Legacy, and the Origins of Territorial Nationalism." *World Politics* 66, no. 4: 709-46.

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Table A.1: Alternative Measure of National Relative to Ethnic Identification

Multi-level linear models of an alternative measure of national relative to ethnic identification, with country and ethnic group random intercepts.

National Relative to Ethnic Identification (Five Point Scale)		(1) Full Sample	(2) Excluding Tanzania
Country-Level IVs	Ln of GDP/Capita, 2005	0.077 (0.106)	0.153** (0.066)
	Ethnic Fractionalization	0.426 (0.487)	0.093 (0.314)
	British Colony	-0.134 (0.221)	-0.220 (0.136)
	Anti-Colonial War	0.250 (0.289)	0.328* (0.174)
Group-Level IVs	Ln of Ethnic Group Size	0.036* (0.021)	0.050** (0.021)
	Ethnic Group Partition	0.146*** (0.056)	0.166*** (0.057)
	Politically Relevant Ethnic Group	-0.080 (0.066)	-0.112 (0.068)
Individual-Level IVs	Formal Employment	0.057*** (0.022)	0.057** (0.022)
	Level of Education	0.046*** (0.005)	0.047*** (0.005)
	Urban Residence	0.060*** (0.017)	0.062*** (0.018)
	Male	0.084*** (0.015)	0.084*** (0.016)
	Constant	1.625** (0.812)	1.337*** (0.499)
	Country-Level RI (σ^2)	0.146 (0.054)	0.046 (0.020)
	Ethnic Group-Level RI (σ^2)	0.070 (0.010)	0.070 (0.010)
	Country-Level Observations	16	15
	Ethnic Group-Level Observations	246	228
	Individual-Level Observations	20,141	19,478

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.2: Alternative Measure of Income Per Capita

Multi-level linear models of national over ethnic identification, with an earlier measure of income per capita, and country and ethnic group random intercepts.

National Over Ethnic Identification		(1) Full Sample	(2) Excluding Tanzania
Country-Level IVs	Ln of GDP/Capita, 1999	0.049 (0.072)	0.124** (0.037)
	Ethnic Fractionalization	0.220 (0.198)	0.042 (0.107)
	British Colony	-0.058 (0.090)	-0.084* (0.046)
	Anti-Colonial War	0.105 (0.113)	0.126** (0.055)
Group-Level IVs	Ln of Ethnic Group Size	0.015* (0.009)	0.020** (0.009)
	Ethnic Group Partition	0.052** (0.023)	0.060** (0.024)
	Politically Relevant Ethnic Group	-0.028 (0.027)	-0.041 (0.029)
Individual-Level IVs	Formal Employment	0.027*** (0.009)	0.027*** (0.009)
	Level of Education	0.013*** (0.009)	0.013*** (0.009)
	Urban Residence	0.025*** (0.007)	0.026*** (0.007)
	Male	0.032*** (0.006)	0.031*** (0.007)
	Constant	0.253* (0.150)	0.362*** (0.082)
	Country-Level RI (σ^2)	0.024 (0.009)	0.005 (0.002)
	Ethnic Group-Level RI (σ^2)	0.012 (0.002)	0.012 (0.002)
	Country-Level Observations	16	15
	Ethnic Group-Level Observations	246	228
	Individual-Level Observations	20,141	19,478

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.3: Alternative Coding of Anti-Colonial Wars

Multi-level linear models of national over ethnic identification, with an alternative coding of anticolonial wars, and country and ethnic group random intercepts.

National Over Ethnic Identification		(1) Full Sample	(2) Excluding Tanzania
Country-Level IVs	Ln of GDP/Capita, 2005	0.001 (0.040)	0.028 (0.018)
	Ethnic Fractionalization	0.200 (0.180)	0.021 (0.084)
	British Colony	-0.034 (0.087)	-0.067* (0.038)
	(Alt. Coding Anti-Colonial War)	0.157* (0.089)	0.172*** (0.037)
Group-Level IVs	Ln of Ethnic Group Size	0.015* (0.009)	0.021** (0.009)
	Ethnic Group Partition	0.053** (0.023)	0.067*** (0.023)
	Politically Relevant Ethnic Group	-0.027 (0.027)	-0.041 (0.028)
Individual-Level IVs	Formal Employment	0.027*** (0.009)	0.027*** (0.009)
	Level of Education	0.013*** (0.002)	0.013*** (0.002)
	Urban Residence	0.025*** (0.007)	0.026*** (0.007)
	Male	0.032*** (0.006)	0.031*** (0.007)
	Constant	0.216 (0.272)	0.157 (0.119)
	Country-Level RI (σ^2)	0.021 (0.012)	0.002 (0.001)
	Ethnic Group-Level RI (σ^2)	0.012 (0.002)	0.012 (0.002)
	Country-Level Observations	16	15
	Ethnic Group-Level Observations	246	228
	Individual-Level Observations	20,141	19,478

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.4: Multi-Level Logistic Regression

Multi-level logistic models of national over ethnic identification, with country and ethnic group random intercepts.

National Over Ethnic Identification		(1)	(2)
		Full Sample	Excluding Tanzania
		Odds Ratios	
Country-Level IVs	Ln of GDP/Capita, 2005	1.147 (0.251)	1.349** (0.160)
	Ethnic Fractionalization	2.803 (2.818)	1.245 (0.714)
	British Colony	0.791 (0.361)	0.666* (0.164)
	Anti-Colonial War	1.775 (1.055)	2.051** (0.639)
Group-Level IVs	Ln of Ethnic Group Size	1.079* (0.049)	1.104** (0.051)
	Ethnic Group Partition	1.307** (0.154)	1.356** (0.161)
	Politically Relevant Ethnic Group	0.890 (0.124)	0.824 (0.117)
Individual-Level IVs	Formal Employment	1.134*** (0.050)	1.134*** (0.051)
	Level of Education	1.063*** (0.010)	1.063*** (0.010)
	Urban Residence	1.125*** (0.040)	1.129*** (0.040)
	Male	1.170*** (0.037)	1.164*** (0.037)
	Constant	0.216 (0.272)	0.157 (0.119)
	Country-Level RI (σ^2)	0.616 (0.231)	0.140 (0.067)
	Ethnic Group-Level RI (σ^2)	0.309 (0.047)	0.302 (0.047)
	Country-Level Observations	16	15
	Ethnic Group-Level Observations	246	228
	Individual-Level Observations	20,141	19,478

Multi-level logistic models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.5: Individual Level

Linear probability models of national over ethnic identification and individual level variables with country or ethnic group fixed effects.

National Over Ethnic Identification	(1) Full Sample	(2) Excluding Tanzania	(3) Full Sample	(4) Excluding Tanzania
Formal Employment	0.035*** (0.009)	0.034*** (0.009)	0.024*** (0.009)	0.026*** (0.009)
Level of Education	0.012*** (0.002)	0.012*** (0.002)	0.011*** (0.002)	0.012*** (0.002)
Urban Residence	0.030*** (0.007)	0.032*** (0.007)	0.021*** (0.007)	0.024*** (0.007)
Male	0.029*** (0.006)	0.029*** (0.007)	0.030*** (0.006)	0.029*** (0.007)
Constant	0.347*** (0.007)	0.317*** (0.007)	0.353*** (0.007)	0.322*** (0.007)
Country Fixed Effects	Yes	Yes	No	No
Ethnic Group Fixed Effects	No	No	Yes	Yes
Individual-Level Observations	21,966	20,750	21,880	20,664

OLS linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.6: Ethnic Group Level

Linear model of average national over ethnic identification and ethnic group level variables, with country fixed-effects and ethnic group as the unit of analysis.

National Over Ethnic Identification	(1) Full Sample	(2) Excluding Tanzania
Ln of Ethnic Group Size	0.025** (0.010)	0.028** (0.011)
Ethnic Group Partition	0.052** (0.025)	0.056** (0.026)
Politically Relevant Ethnic Group	-0.037 (0.031)	-0.051 (0.033)
Constant	0.472*** (0.041)	0.447*** (0.043)
Country Fixed Effects	Yes	Yes
Ethnic Group-Level Observations	178	165

OLS linear models with ethnic groups as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.7: Country Level

Linear model of average national over ethnic identification and country level variables, with country as the unit of analysis.

National Over Ethnic Identification	(1) Full Sample	(2) Excluding Tanzania
Ln of GDP/Capita, 2005	0.049 (0.050)	0.082** (0.030)
Ethnic Fractionalization	0.192 (0.216)	0.050 (0.090)
British Colony	-0.073 (0.103)	-0.111** (0.043)
Anti-Colonial War	0.098 (0.135)	0.130*** (0.042)
Constant	0.002 (0.376)	-0.137 (0.222)
Country-Level Observations	16	15

OLS linear models with countries as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.8: Differences in Beta (DfBeta) if Observation is Excluded

	Ln of GDP Per Capita	Ethnic Fractionalization	British Colonialism	Anti-Colonial War
Benin	0.04	0.01	0.13	0.09
Botswana	0.21	0.11	0.09	0.01
Ghana	0.02	0.01	0.03	0.02
Kenya	0.13	0.33	0.33	0.75 [†]
Lesotho	0.03	0.23	0.11	0.09
Madagascar	0.13	0.77	0.10	0.41
Malawi	0.07	0.03	0.04	0.04
Mali	0.15	0.15	0.37	0.20
Mozambique	0.00	0.03	0.04	0.07
Namibia	0.14	0.02	0.13	0.02
Nigeria	0.01	0.25	0.22	0.04
Senegal	0.00	0.03	0.11	0.05
South Africa	0.55	0.19	0.14	0.15
Tanzania	1.27 [†]	1.27 [†]	0.71 [†]	0.45
Uganda	0.11	0.08	0.05	0.04
Zambia	0.05	0.05	0.09	0.04

DfBetas were calculated using the regression results presented in Model 1 of Table A.7.

DfBetas greater than $\frac{2}{\sqrt{n}}$ are designed by a [†] symbol.

Figure A.1: Residuals vs. Fitted Values for Model 1 of Table A.7

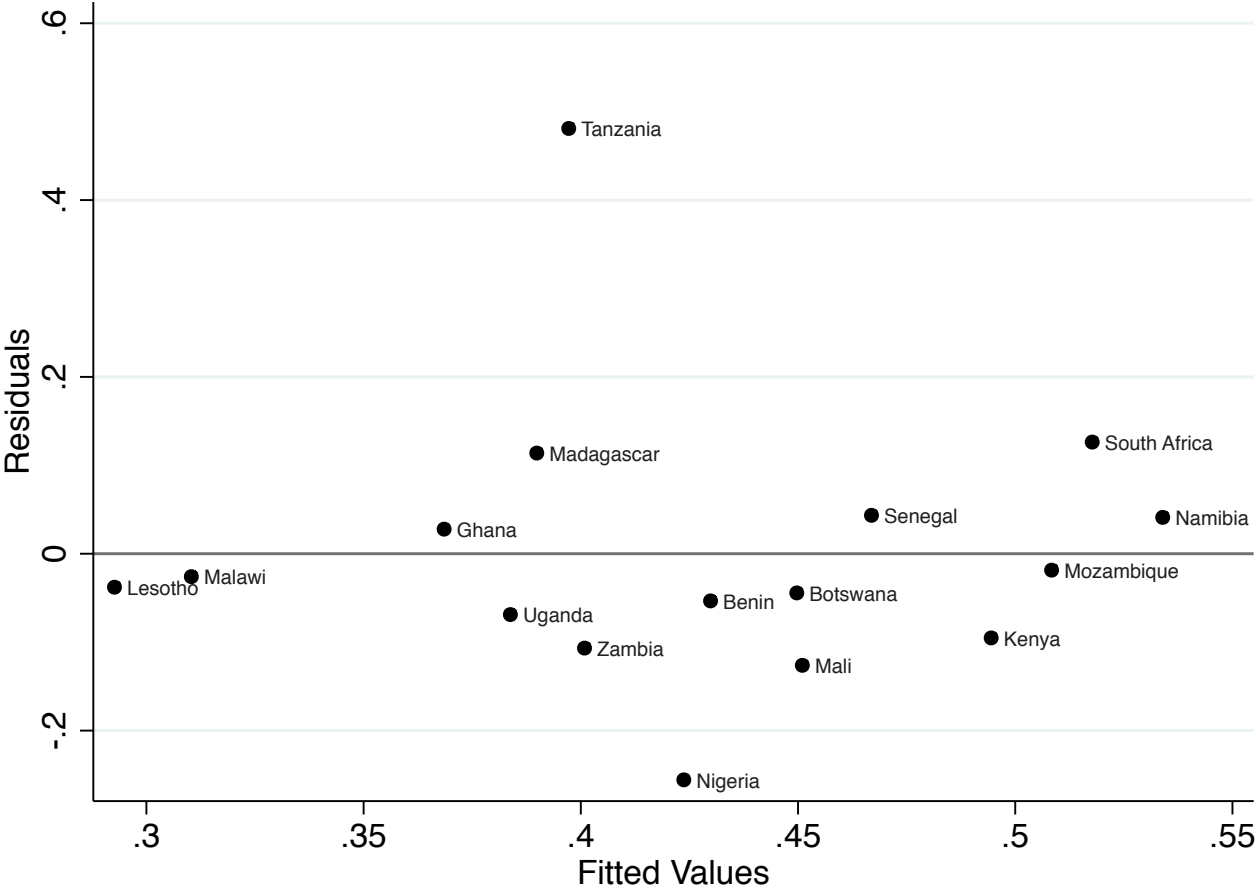


Figure A.2: Standardized Residuals vs. Quintiles of a Normal Distribution for Model 1 of Table A.7

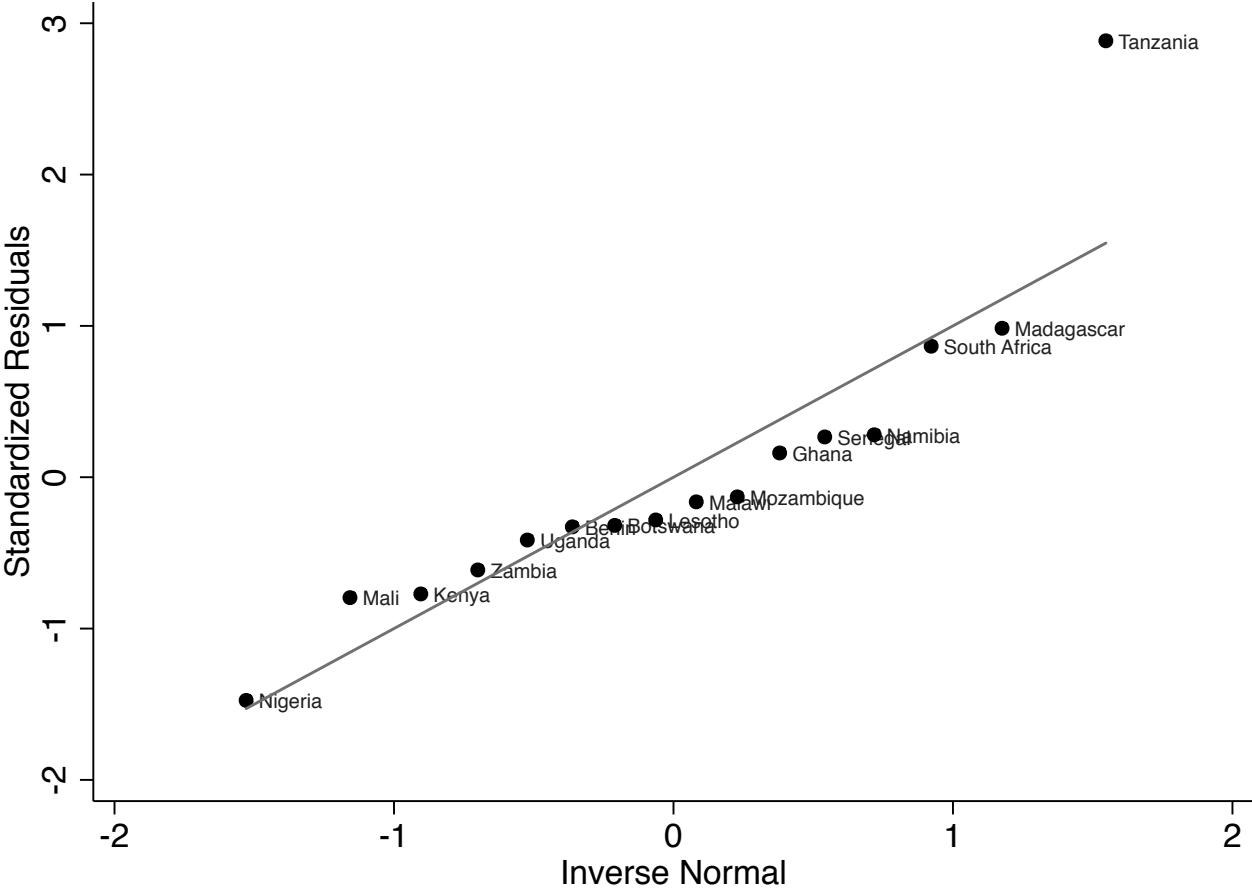


Table A.9: Country by Country Deletion

Multi-level linear models of national over ethnic identification, with country and ethnic group random intercepts, for samples excluding one country each.

	(1) Excluding Benin	(2) Excluding Botswana	(3) Excluding Ghana	(4) Excluding Kenya	(5) Excluding Lesotho	(6) Excluding Madagascar	(7) Excluding Malawi	(8) Excluding Mali
National Over Ethnic Identification								
Ln of GDP/Capita, 2005	0.030 (0.043)	0.046 (0.053)	0.035 (0.045)	0.042 (0.043)	0.032 (0.044)	0.041 (0.043)	0.036 (0.048)	0.030 (0.044)
Ethnic Fractionalization	0.213 (0.196)	0.191 (0.218)	0.228 (0.203)	0.324 (0.216)	0.161 (0.246)	0.414 (0.261)	0.236 (0.208)	0.257 (0.203)
British Colony	-0.096 (0.096)	-0.052 (0.096)	-0.069 (0.094)	-0.022 (0.096)	-0.048 (0.097)	-0.055 (0.089)	-0.066 (0.095)	-0.095 (0.100)
Anti-Colonial War	0.083 (0.121)	0.119 (0.120)	0.123 (0.121)	0.251 (0.165)	0.104 (0.123)	0.068 (0.124)	0.128 (0.125)	0.093 (0.121)
Country-Level IVs								
Ln of Ethnic Group Size	0.016* (0.008)	0.015 (0.009)	0.015* (0.009)	0.015 (0.009)	0.015* (0.009)	0.014 (0.009)	0.015 (0.009)	0.022** (0.009)
Ethnic Group Partition	0.050** (0.023)	0.054** (0.025)	0.054** (0.024)	0.060** (0.024)	0.053** (0.023)	0.054** (0.023)	0.062** (0.024)	0.037 (0.024)
Politically Relevant Ethnic Group	-0.049* (0.026)	-0.027 (0.028)	-0.028 (0.028)	-0.029 (0.029)	-0.027 (0.027)	-0.024 (0.028)	-0.014 (0.028)	-0.051* (0.028)
Group-Level IVs								
Formal Employment	0.027*** (0.009)	0.026*** (0.010)	0.029*** (0.009)	0.029*** (0.010)	0.030*** (0.009)	0.021** (0.009)	0.027*** (0.009)	0.029*** (0.009)
Level of Education	0.011*** (0.002)	0.013*** (0.002)	0.014*** (0.002)	0.012*** (0.002)	0.013*** (0.002)	0.012*** (0.002)	0.012*** (0.002)	0.011*** (0.002)
Urban Residence	0.018** (0.008)	0.025*** (0.007)	0.026*** (0.007)	0.024*** (0.007)	0.027*** (0.007)	0.029*** (0.007)	0.024*** (0.007)	0.020*** (0.007)
Male	0.035*** (0.007)	0.033*** (0.007)	0.027*** (0.007)	0.032*** (0.007)	0.033*** (0.007)	0.034*** (0.007)	0.034*** (0.007)	0.028*** (0.007)
Individual-Level IVs								
Constant	0.117 (0.337)	-0.030 (0.367)	0.018 (0.342)	-0.124 (0.355)	0.083 (0.355)	-0.167 (0.367)	-0.004 (0.376)	0.112 (0.339)
Country-Level RI (σ^2)								
Ethnic Group-Level RI (σ^2)	0.024 (0.009)	0.025 (0.010)	0.025 (0.010)	0.023 (0.009)	0.025 (0.009)	0.023 (0.009)	0.025 (0.010)	0.024 (0.009)
Country-Level Observations	15	15	15	15	15	15	15	15
Ethnic Group-Level Observations	236	235	241	214	245	230	236	227
Individual-Level Observations	18,970	18,991	19,034	18,911	19,303	18,944	18,995	18,995

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.10: Country by Country Deletion, (Continued)

Multi-level linear models of national over ethnic identification, with country and ethnic group random intercepts, for samples excluding one country each.

National Over Ethnic Identification	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Excluding Mozambique	Excluding Namibia	Excluding Nigeria	Excluding Senegal	Excluding South Africa	Excluding Tanzania	Excluding Uganda	Excluding Zambia
Ln of GDP/Capita, 2005	0.034 (0.044)	0.013 (0.048)	0.034 (0.040)	0.034 (0.044)	0.014 (0.052)	0.066*** (0.023)	0.026 (0.046)	0.031 (0.044)
Ethnic Fractionalization	0.221 (0.211)	0.208 (0.198)	0.264 (0.189)	0.217 (0.204)	0.187 (0.204)	0.061 (0.114)	0.245 (0.203)	0.235 (0.202)
British Colony	-0.061 (0.096)	-0.024 (0.099)	-0.040 (0.085)	-0.062 (0.101)	-0.072 (0.092)	-0.096** (0.049)	-0.058 (0.092)	-0.055 (0.093)
Anti-Colonial War	0.117 (0.140)	0.127 (0.117)	0.112 (0.110)	0.119 (0.123)	0.102 (0.120)	0.147** (0.062)	0.110 (0.120)	0.116 (0.120)
Ln of Ethnic Group Size	0.013 (0.009)	0.015* (0.009)	0.014 (0.010)	0.012 (0.009)	0.014 (0.009)	0.020** (0.009)	0.016* (0.009)	0.015* (0.009)
Ethnic Group Partition	0.054** (0.024)	0.044* (0.023)	0.050** (0.024)	0.050** (0.023)	0.046* (0.024)	0.059** (0.024)	0.056** (0.023)	0.055** (0.025)
Politically Relevant Ethnic Group	-0.015 (0.028)	-0.015 (0.027)	-0.022 (0.029)	-0.018 (0.027)	-0.029 (0.028)	-0.040 (0.029)	-0.039 (0.027)	-0.017 (0.029)
Formal Employment	0.032*** (0.009)	0.028*** (0.010)	0.028*** (0.010)	0.025*** (0.009)	0.026*** (0.010)	0.027*** (0.009)	0.023** (0.010)	0.030*** (0.010)
Level of Education	0.012*** (0.002)	0.014*** (0.002)	0.012*** (0.002)	0.012*** (0.002)	0.012*** (0.002)	0.013*** (0.002)	0.015*** (0.002)	0.013*** (0.002)
Urban Residence	0.022*** (0.007)	0.024*** (0.007)	0.029*** (0.008)	0.029*** (0.007)	0.027*** (0.008)	0.026*** (0.007)	0.023*** (0.008)	0.024*** (0.008)
Male	0.030*** (0.007)	0.031*** (0.007)	0.029*** (0.007)	0.029*** (0.007)	0.034*** (0.007)	0.031*** (0.007)	0.034*** (0.007)	0.033*** (0.007)
Constant	0.022 (0.338)	0.137 (0.346)	0.007 (0.309)	0.021 (0.339)	0.181 (0.394)	-0.076 (0.179)	0.073 (0.340)	0.035 (0.336)
Country-Level RI (σ^2)	0.025 (0.010)	0.024 (0.009)	0.021 (0.008)	0.025 (0.010)	0.024 (0.009)	0.005 (0.003)	0.025 (0.010)	0.025 (0.010)
Ethnic Group-Level RI (σ^2)	0.011 (0.002)	0.012 (0.002)	0.013 (0.002)	0.011 (0.002)	0.012 (0.002)	0.012 (0.002)	0.010 (0.002)	0.012 (0.002)
Country-Level Observations	15	15	15	15	15	15	15	15
Ethnic Group-Level Observations	236	237	215	237	237	228	221	218
Individual-Level Observations	19,049	19,202	18,029	18,988	18,423	19,478	17,847	18,956

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.11: Ethnic Group Level Modernization

Multi-level linear models of national over ethnic identification, with country and ethnic group random intercepts, and ethnic group level measures of modernization.

National Over Ethnic Identification		(1)	(2)	(3)	(4)
		Full Sample	Excluding Tanzania	Full Sample	Excluding Tanzania
Country-Level IVs	Ln of GDP/Capita, 2005	0.026 (0.049)	0.056** (0.027)	0.035 (0.052)	0.066** (0.030)
	Ethnic Fractionalization	0.217 (0.224)	0.060 (0.129)	0.211 (0.236)	0.050 (0.140)
	British Colony	-0.047 (0.103)	-0.078 (0.056)	-0.036 (0.109)	-0.072 (0.063)
	Anti-Colonial War	0.118 (0.134)	0.146** (0.071)	0.124 (0.142)	0.151* (0.078)
Group-Level IVs	Ln of Ethnic Group Size	0.010 (0.009)	0.012 (0.009)	0.014 (0.009)	0.017* (0.009)
	Ethnic Group Partition	0.047** (0.023)	0.053** (0.024)	0.049** (0.023)	0.055** (0.024)
	Politically Relevant Ethnic Group	-0.025 (0.027)	-0.033 (0.028)	-0.025 (0.027)	-0.036 (0.029)
	Prop. with Formal Employment	0.160 (0.122)	0.169 (0.126)		
	Avg. Level of Education	-0.026 (0.018)	-0.024 (0.018)		
	Prop. with Urban Residence	0.048 (0.056)	0.046 (0.059)		
	Avg. Perception of Ethnic Group Status			0.071*** (0.025)	0.075*** (0.025)
Individual-Level IVs	Formal Employment	0.027*** (0.009)	0.027*** (0.009)	0.026*** (0.009)	0.026*** (0.009)
	Level of Education	0.012*** (0.002)	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)
	Urban Residence	0.025*** (0.007)	0.026*** (0.007)	0.024*** (0.007)	0.025*** (0.008)
	Male	0.032*** (0.006)	0.032*** (0.007)	0.032*** (0.006)	0.031*** (0.007)
Constant		0.043 (0.397)	-0.068 (0.223)	-0.134 (0.381)	-0.257 (0.213)
Country-Level RI (σ^2)		0.036 (0.007)	0.009 (0.016)	0.032 (0.014)	0.008 (0.004)
Ethnic Group-Level RI (σ^2)		0.012 (0.002)	0.012 (0.002)	0.011 (0.002)	0.012 (0.002)
Country-Level Observations		16	15	16	15
Ethnic Group-Level Observations		246	228	246	228
Individual-Level Observations		20,141	19,478	20,141	19,478

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.12: Non-Linear Effects of Ethnic Group Size

Multi-level linear models of national over ethnic identification, with country and ethnic group random intercepts, and a non-linear measure of the impact of ethnic group size.

National Over Ethnic Identification		(1) Full Sample	(2) Excluding Tanzania
Country-Level IVs	Ln of GDP/Capita, 2005	0.032 (0.043)	0.064*** (0.023)
	Ethnic Fractionalization	0.146 (0.214)	-0.004 (0.123)
	British Colony	-0.042 (0.092)	-0.078 (0.050)
	Anti-Colonial War	0.103 (0.119)	0.137** (0.062)
Group-Level IVs	Ethnic Group Size	0.578** (0.286)	0.747*** (0.285)
	Ethnic Group Size ²	-0.804* (0.470)	-1.024** (0.430)
	Ethnic Group Partition	0.057** (0.023)	0.069*** (0.024)
	Politically Relevant Ethnic Group	-0.039 (0.030)	-0.054* (0.032)
Individual-Level IVs	Formal Employment	0.027*** (0.009)	0.027*** (0.009)
	Level of Education	0.013*** (0.002)	0.013*** (0.002)
	Urban Residence	0.025*** (0.007)	0.026*** (0.007)
	Male	0.032*** (0.006)	0.031*** (0.007)
	Constant	0.015 (0.333)	-0.130 (0.179)
	Country-Level RI (σ^2)	0.024 (0.009)	0.005 (0.003)
	Ethnic Group-Level RI (σ^2)	0.012 (0.002)	0.012 (0.002)
	Country-Level Observations	16	15
	Ethnic Group-Level Observations	246	228
	Individual-Level Observations	20,141	19478

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.13: Alternative Measure of Ethnic Group Political Mobilization

Multi-level linear models of national over ethnic identification, with an alternative measure of ethnic group political mobilization, and country and ethnic group random intercepts.

National Over Ethnic Identification		(1) Full Sample	(2) Excluding Tanzania
Country-Level IVs	Ln of GDP/Capita, 2005	0.033 (0.043)	0.066*** (0.024)
	Ethnic Fractionalization	0.267 (0.193)	0.090 (0.115)
	British Colony	-0.075 (0.089)	-0.104** (0.050)
	Anti-Colonial War	0.129 (0.116)	0.159** (0.063)
Group-Level IVs	Ln of Ethnic Group Size	0.013 (0.008)	0.013 (0.008)
	Ethnic Group Partition	0.053** (0.023)	0.061** (0.024)
	Ethnic Group Political Mobilization	-0.012 (0.026)	-0.001 (0.026)
Individual-Level IVs	Formal Employment	0.027*** (0.009)	0.027*** (0.009)
	Level of Education	0.013*** (0.002)	0.013*** (0.002)
	Urban Residence	0.025*** (0.007)	0.026*** (0.007)
	Male	0.032*** (0.006)	0.031*** (0.007)
	Constant	-0.003 (0.327)	-0.130 (0.185)
	Country-Level RI (σ^2)	0.024 (0.009)	0.005 (0.002)
	Ethnic Group-Level RI (σ^2)	0.012 (0.002)	0.012 (0.002)
	Country-Level Observations	16	15
	Ethnic Group-Level Observations	247	229
	Individual-Level Observations	20,157	19,494

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.14: Alternative Measures of Ethnic Group Partition, with Tanzania

Multi-level linear models of national over ethnic identification, with alternative indicators of ethnic group partition, and country and ethnic group random intercepts.

National Over Ethnic Identification	(1) % Partitioned	(2) 1% Out	(3) 10% Out	(4) 20% Out	(5) 30% Out	(6) 40% Out	(7) 50% Out
Ln of GDP/Capita, 2005	0.033 (0.043)	0.035 (0.043)	0.038 (0.043)	0.036 (0.043)	0.034 (0.043)	0.034 (0.043)	0.034 (0.043)
Ethnic Fractionalization	0.219 (0.198)	0.180 (0.199)	0.192 (0.197)	0.199 (0.198)	0.222 (0.197)	0.228 (0.198)	0.228 (0.198)
British Colony	-0.056 (0.090)	-0.058 (0.091)	-0.066 (0.090)	-0.062 (0.090)	-0.063 (0.089)	-0.063 (0.090)	-0.058 (0.090)
Anti-Colonial War	0.121 (0.117)	0.109 (0.118)	0.100 (0.117)	0.107 (0.117)	0.119 (0.117)	0.119 (0.117)	0.117 (0.117)
Ln of Ethnic Group Size	0.016* (0.009)	0.010 (0.009)	0.011 (0.009)	0.012 (0.009)	0.015* (0.009)	0.016* (0.009)	0.016* (0.009)
Partitioned (see column heading)	0.083** (0.035)	0.030 (0.024)	-0.007 (0.022)	0.017 (0.022)	0.052** (0.023)	0.056** (0.024)	0.063** (0.026)
Politically Relevant Ethnic Group	-0.031 (0.027)	-0.032 (0.028)	-0.027 (0.027)	-0.029 (0.028)	-0.028 (0.027)	-0.030 (0.027)	-0.030 (0.027)
Formal Employment	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)
Level of Education	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)
Urban Residence	0.025*** (0.007)	0.025*** (0.007)	0.025*** (0.007)	0.025*** (0.007)	0.025*** (0.007)	0.025*** (0.007)	0.025*** (0.007)
Male	0.032*** (0.006)	0.032*** (0.006)	0.032*** (0.006)	0.032*** (0.006)	0.032*** (0.006)	0.032*** (0.006)	0.032*** (0.006)
Constant	0.036 (0.329)	0.032 (0.332)	0.041 (0.329)	0.040 (0.329)	0.031 (0.328)	0.033 (0.329)	0.032 (0.330)
Country-Level $RI(\sigma^2)$	0.024 (0.009)	0.024 (0.009)	0.024 (0.009)	0.024 (0.009)	0.024 (0.009)	0.024 (0.009)	0.024 (0.009)
Ethnic Group-Level $RI(\sigma^2)$	0.012 (0.002)	0.012 (0.002)	0.012 (0.002)	0.012 (0.002)	0.012 (0.002)	0.012 (0.002)	0.012 (0.002)
Country-Level Observations	16	16	16	16	16	16	16
Ethnic Group-Level Observations	246	246	246	246	246	246	246
Individual-Level Observations	20,141	20,141	20,141	20,141	20,141	20,141	20,141

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.15: Alternative Measures of Ethnic Group Partition, excluding Tanzania

Multi-level linear models of national over ethnic identification, with alternative indicators of ethnic group partition, and country and ethnic group random intercepts.

	(1) % Partitioned	(2) 1% Out	(3) 10% Out	(4) 20% Out	(5) 30% Out	(6) 40% Out	(7) 50% Out
National Over Ethnic Identification							
Ln of GDP/Capita, 2005	0.065*** (0.024)	0.068*** (0.025)	0.070*** (0.025)	0.067*** (0.024)	0.066*** (0.023)	0.066*** (0.024)	0.066*** (0.025)
Ethnic Fractionalization	0.055 (0.116)	0.022 (0.120)	0.042 (0.119)	0.045 (0.116)	0.061 (0.114)	0.066 (0.115)	0.065 (0.119)
British Colony	-0.088* (0.050)	-0.093* (0.051)	-0.102** (0.052)	-0.096* (0.050)	-0.096** (0.049)	-0.095* (0.049)	-0.091* (0.051)
Anti-Colonial War	0.149** (0.063)	0.138** (0.065)	0.129** (0.065)	0.138** (0.063)	0.147** (0.062)	0.147** (0.062)	0.143** (0.065)
Country-Level IVs							
Ln of Ethnic Group Size	0.020** (0.009)	0.013 (0.009)	0.016* (0.009)	0.017* (0.009)	0.020** (0.009)	0.021** (0.009)	0.020** (0.009)
Partitioned (see column heading)	0.093** (0.037)	0.032 (0.026)	-0.007 (0.023)	0.025 (0.023)	0.059** (0.024)	0.063*** (0.024)	0.065** (0.027)
Politically Relevant Ethnic Group	-0.044 (0.029)	-0.043 (0.029)	-0.037 (0.029)	-0.041 (0.029)	-0.040 (0.029)	-0.042 (0.029)	-0.043 (0.029)
Group-Level IVs							
Formal Employment	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)
Level of Education	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)
Urban Residence	0.026*** (0.007)	0.026*** (0.007)	0.026*** (0.007)	0.026*** (0.007)	0.026*** (0.007)	0.026*** (0.007)	0.026*** (0.007)
Male	0.031*** (0.007)	0.031*** (0.007)	0.031*** (0.007)	0.031*** (0.007)	0.031*** (0.007)	0.031*** (0.007)	0.031*** (0.007)
Individual-Level IVs							
Constant	-0.071 (0.183)	-0.083 (0.188)	-0.074 (0.189)	-0.072 (0.184)	-0.076 (0.179)	-0.074 (0.181)	-0.074 (0.188)
Country-Level RI (σ^2)	0.006 (0.003)	0.006 (0.003)	0.006 (0.003)	0.006 (0.003)	0.005 (0.003)	0.006 (0.003)	0.006 (0.003)
Ethnic Group-Level RI (σ^2)	0.012 (0.002)	0.013 (0.002)	0.013 (0.002)	0.013 (0.002)	0.012 (0.002)	0.012 (0.002)	0.012 (0.002)
Country-Level Observations	15	15	15	15	15	15	15
Ethnic Group-Level Observations	228	228	228	228	228	228	228
Individual-Level Observations	19,478	19,478	19,478	19,478	19,478	19,478	19,478

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.16: Social Desirability I: Presence of Others

Multi-level linear models of national over ethnic identification, with country and ethnic group random intercepts, and an indicator for the presence of bystanders.

National Over Ethnic Identification		(1)	(2)
		Full Sample	Excluding Tanzania
Country-Level IVs	Ln of GDP/Capita, 2005	0.035 (0.051)	0.066** (0.029)
	Ethnic Fractionalization	0.227 (0.232)	0.070 (0.137)
	British Colony	-0.064 (0.106)	-0.097 (0.059)
	Anti-Colonial War	0.120 (0.139)	0.148* (0.076)
Group-Level IVs	Ln of Ethnic Group Size	0.015* (0.009)	0.018** (0.009)
	Ethnic Group Partition	0.053** (0.023)	0.058** (0.024)
	Politically Relevant Ethnic Group	-0.027 (0.027)	-0.039 (0.029)
Individual-Level IVs	Presence of Others	-0.014** (0.007)	-0.013* (0.007)
	Formal Employment	0.027*** (0.009)	0.027*** (0.009)
	Level of Education	0.012*** (0.002)	0.012*** (0.002)
	Urban Residence	0.024*** (0.007)	0.026*** (0.007)
	Male	0.031*** (0.006)	0.031*** (0.007)
	Constant	0.029 (0.390)	-0.083 (0.218)
	Country-Level RI (σ^2)	0.034 (0.015)	0.009 (0.005)
	Ethnic Group-Level RI (σ^2)	0.012 (0.002)	0.013 (0.002)
	Country-Level Observations	16	15
	Ethnic Group-Level Observations	246	228
	Individual-Level Observations	20,125	19,462

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.17: Social Desirability II: Interviewer Coethnicity

Multi-level linear models of national over ethnic identification, with country and ethnic group random intercepts, and an indicator of interviewer coethnicity.

National Over Ethnic Identification		Reduced Sample
Country-Level IVs	Ln of GDP/Capita, 2005	0.067** (0.026)
	Ethnic Fractionalization	0.153 (0.245)
	British Colony	-0.076 (0.060)
	Anti-Colonial War	0.090 (0.097)
Group-Level IVs	Ln of Ethnic Group Size	0.018* (0.010)
	Ethnic Group Partition	0.065** (0.025)
	Politically Relevant Ethnic Group	-0.023 (0.031)
Individual-Level IVs	Coethnic Interviewer	-0.009 (0.009)
	Formal Employment	0.030*** (0.010)
	Level of Education	0.012*** (0.002)
	Urban Residence	0.032*** (0.008)
	Male	0.032*** (0.007)
	Constant	-0.182 (0.131)
	Country-Level RI (σ^2)	0.134 (0.008)
	Ethnic Group-Level RI (σ^2)	0.013 (0.002)
	Country-Level Observations	12
	Ethnic Group-Level Observations	201
	Individual-Level Observations	15,486

Multi-level linear model with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.18: National Election Dates and Margins of Victory

Country	Election Date	Margin of Victory (Percentage Points)
Benin	March 19, 2006	49.20
Botswana	October 30, 2004	25.67
Ghana	December 7, 2004	7.81
Kenya	December 27, 2007	2.00
Lesotho	February 17, 2007	33.05
Madagascar	December 3, 2006	43.14
Malawi	May 20, 2004	8.80
Mali	April 29, 2007	52.05
Mozambique	December 1, 2004	32.00
Namibia	November 16, 2004	69.16
Nigeria	April 12, 2003	29.75
Senegal	February 25, 2007	40.98
South Africa	April 14, 2004	57.32
Tanzania	December 14, 2005	68.60
Uganda	February 23, 2006	21.87
Zambia	September 28, 2006	13.61

Table A.19: Impact of National Elections

Multi-level linear models of national over ethnic identification, with controls for the proximity to and competitiveness of national elections, and country and ethnic group random intercepts.

National Over Ethnic Identification		(1)	(2)
		Full	Excluding
		Sample	Tanzania
Country-Level IVs	Ln of GDP/Capita, 2005	-0.003 (0.026)	0.072** (0.030)
	Ethnic Fractionalization	0.155 (0.117)	0.128 (0.103)
	British Colony	0.147** (0.067)	-0.103 (0.091)
	Anti-Colonial War	0.253*** (0.077)	0.241*** (0.067)
	Election Competitiveness	-0.008*** (0.002)	0.008 (0.005)
	Election Proximity	0.006 (0.006)	0.014*** (0.005)
	Competitiveness × Proximity	0.000 (0.000)	-0.000** (0.000)
Group-Level IVs	Ln of Ethnic Group Size	0.017* (0.009)	0.020** (0.009)
	Ethnic Group Partition	0.059*** (0.023)	0.063*** (0.024)
	Politically Relevant Ethnic Group	-0.028 (0.027)	-0.038 (0.029)
Individual-Level IVs	Formal Employment	0.027*** (0.009)	0.027*** (0.009)
	Level of Education	0.013*** (0.002)	0.013*** (0.002)
	Urban Residence	0.025*** (0.007)	0.026*** (0.007)
	Male	0.032*** (0.006)	0.031*** (0.007)
Constant		-0.014 (0.182)	0.040 (0.159)
Country-Level RI (σ^2)		0.005 (0.003)	0.003 (0.002)
Ethnic Group-Level RI (σ^2)		0.012 (0.002)	0.012 (0.002)
Country-Level Observations		16	15
Ethnic Group-Level Observations		246	228
Individual-Level Observations		20,141	19,478

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.20: Coethnic Head of State

Multi-level linear models of national over ethnic identification, with country and ethnic group random intercepts, and an indicator of whether one's coethnic is head of state.

National Over Ethnic Identification		(1) Full Sample	(2) Full Sample	(3) Excluding Tanzania	(4) Excluding Tanzania
Country-Level IVs	Ln of GDP/Capita, 2005	0.034 (0.051)	0.066** (0.029)	0.033 (0.052)	0.066** (0.028)
	Ethnic Fractionalization	0.225 (0.234)	0.072 (0.139)	0.176 (0.243)	0.014 (0.140)
	British Colony	-0.063 (0.107)	-0.098 (0.060)	-0.052 (0.109)	-0.086 (0.058)
	Anti-Colonial War	0.119 (0.140)	0.149* (0.077)	0.112 (0.141)	0.142* (0.074)
Group-Level IVs	Ln of Ethnic Group Size	0.015* (0.009)	0.018* (0.009)	0.016* (0.009)	0.020** (0.010)
	Ethnic Group Partition	0.052** (0.023)	0.058** (0.024)	0.060** (0.025)	0.066*** (0.025)
	Politically Relevant Ethnic Group	-0.027 (0.028)	-0.041 (0.030)	-0.036 (0.030)	-0.050 (0.032)
	Coethnic Head of State (HOS)	-0.004 (0.036)	0.009 (0.039)	-0.094 (0.142)	-0.133 (0.147)
	Coethnic HOS × Group Size			-0.016 (0.040)	-0.031 (0.046)
	Coethnic HOS × Partition			-0.091 (0.086)	-0.099 (0.092)
	Coethnic HOS × Pol. Rel.			0.109 (0.106)	0.135 (0.108)
Individual-Level IVs	Formal Employment	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)
	Level of Education	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)
	Urban Residence	0.025*** (0.007)	0.026*** (0.007)	0.025*** (0.007)	0.026*** (0.007)
	Male	0.032*** (0.006)	0.031*** (0.007)	0.032*** (0.006)	0.031*** (0.007)
Constant	0.029 (0.392)	-0.090 (0.221)	0.070 (0.397)	-0.043 (0.214)	
Country-Level RI (σ^2)	0.035 (0.015)	0.009 (0.005)	0.035 (0.016)	0.008 (0.005)	
Ethnic Group-Level RI (σ^2)	0.012 (0.002)	0.013 (0.002)	0.012 (0.002)	0.013 (0.002)	
Country-Level Observations	16	15	16	15	
Ethnic Group-Level Observations	246	228	246	228	
Individual-Level Observations	20,141	19,478	20,141	19,478	

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A.21: Ethnic Group In Power

Multi-level linear models of national over ethnic identification, with country and ethnic group random intercepts, and an indicator of whether one's ethnic group holds power.

National Over Ethnic Identification		(1) Full Sample	(2) Full Sample	(3) Excluding Tanzania	(4) Excluding Tanzania
Country-Level IVs	Ln of GDP/Capita, 2005	0.032 (0.051)	0.065** (0.029)	0.032 (0.051)	0.063** (0.030)
	Ethnic Fractionalization	0.243 (0.231)	0.077 (0.140)	0.273 (0.234)	0.087 (0.142)
	British Colony	-0.071 (0.106)	-0.100* (0.061)	-0.076 (0.107)	-0.101* (0.061)
	Anti-Colonial War	0.114 (0.138)	0.146* (0.077)	0.120 (0.139)	0.144* (0.078)
Group-Level IVs	Ln of Ethnic Group Size	0.017* (0.009)	0.019** (0.009)	0.023** (0.011)	0.027** (0.012)
	Ethnic Group Partition	0.050** (0.024)	0.056** (0.024)	0.058* (0.030)	0.065** (0.032)
	Politically Relevant Ethnic Group	-0.021 (0.029)	-0.036 (0.031)	0.000 (0.050)	-0.053 (0.060)
	Ethnic Group In Power	-0.024 (0.028)	-0.009 (0.029)	-0.088 (0.078)	-0.092 (0.081)
	In Power \times Group Size			-0.022 (0.020)	-0.024 (0.020)
	In Power \times Partition			-0.026 (0.046)	-0.027 (0.047)
	In Power \times Pol. Rel.			-0.014 (0.064)	0.040 (0.073)
Individual-Level IVs	Formal Employment	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)	0.027*** (0.009)
	Level of Education	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)	0.013*** (0.002)
	Urban Residence	0.025*** (0.007)	0.026*** (0.007)	0.025*** (0.007)	0.026*** (0.007)
	Male	0.032*** (0.006)	0.031*** (0.007)	0.032*** (0.006)	0.031*** (0.007)
Constant	0.050 (0.388)	-0.076 (0.224)	0.046 (0.393)	-0.043 (0.228)	
Country-Level RI (σ^2)	0.034 (0.015)	0.009 (0.005)	0.034 (0.015)	0.009 (0.005)	
Ethnic Group-Level RI (σ^2)	0.012 (0.002)	0.013 (0.002)	0.012 (0.002)	0.013 (0.002)	
Country-Level Observations	16	15	16	15	
Ethnic Group-Level Observations	246	228	246	228	
Individual-Level Observations	20,141	19,478	20,141	19,478	

Multi-level linear models with individuals as the unit of analysis.

Country and ethnic group level random intercepts.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$