

The Grass is Always Greener on the Other Side:
Transnational Ethnic Inequality and Ethno-nationalist Conflict

Online Appendix

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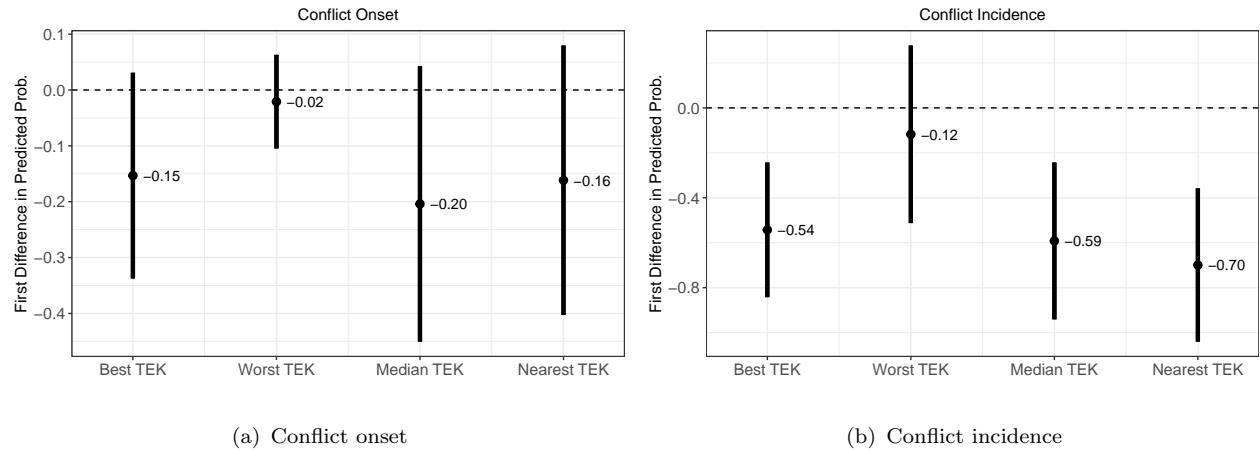
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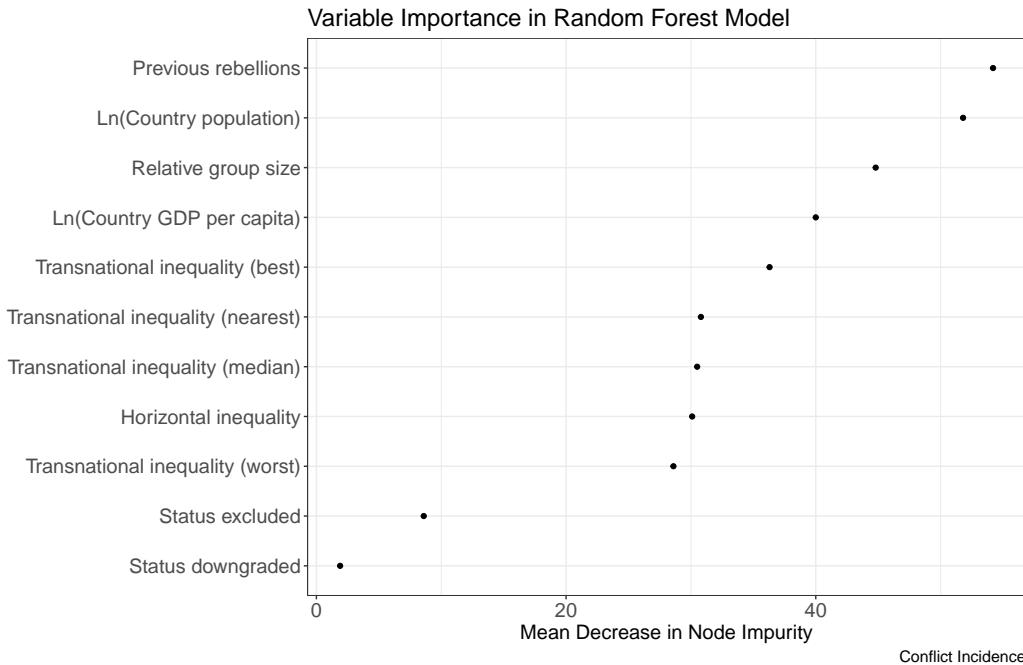
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Figure A1. Robustness check: The impacts of transnational inequality on ethnic conflict (excluding control variables)



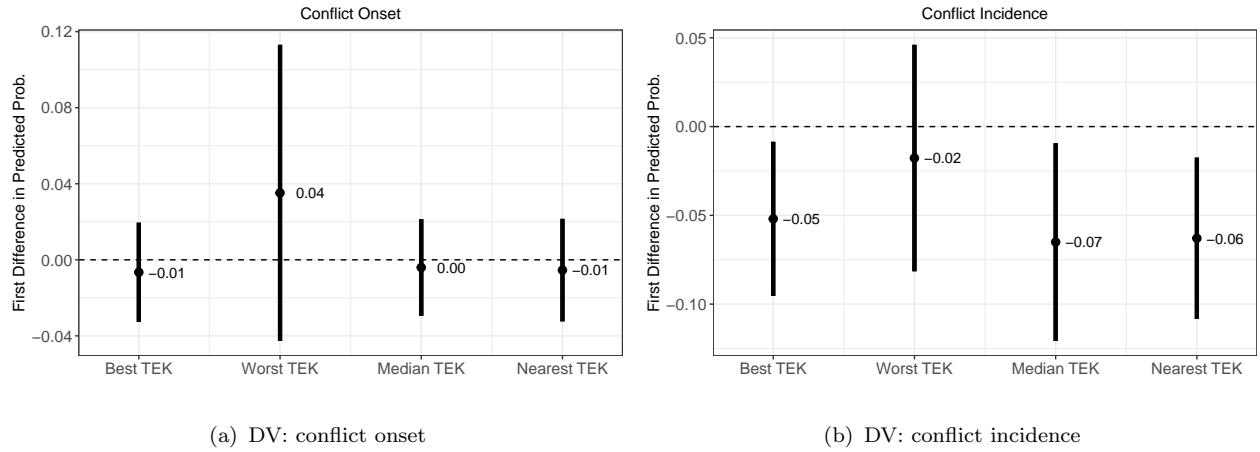
Notes: Figure A1 shows first difference in predicted probabilities from models without control variables.

Figure A2. Random Forest Models for Conflict Incidence



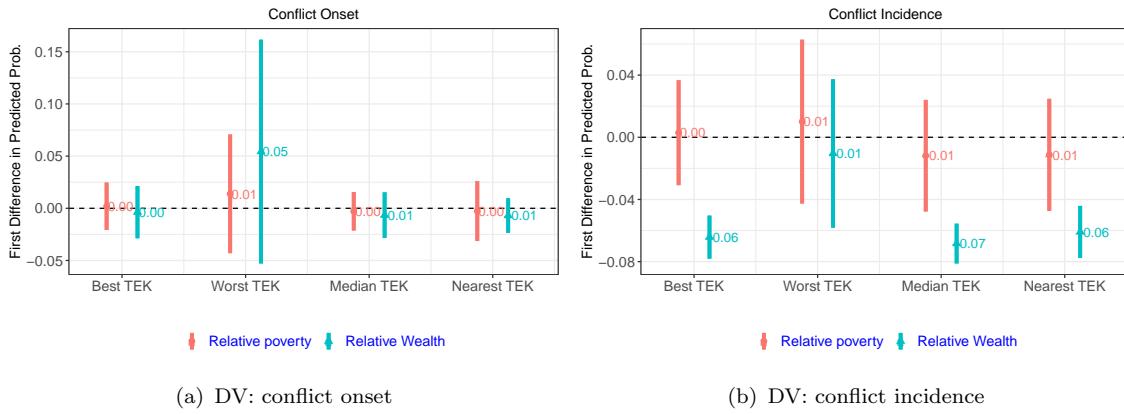
Notes: Figure A2 shows the variable importance from a random forest model. The relative importance is based on the total decrease in node impurities from splitting on the variable, averaged over all 500 trees.

Figure A3. Robustness check: Marginal effects of transnational inequality on ethnic conflict (dropping groups with a population less than 500,000)



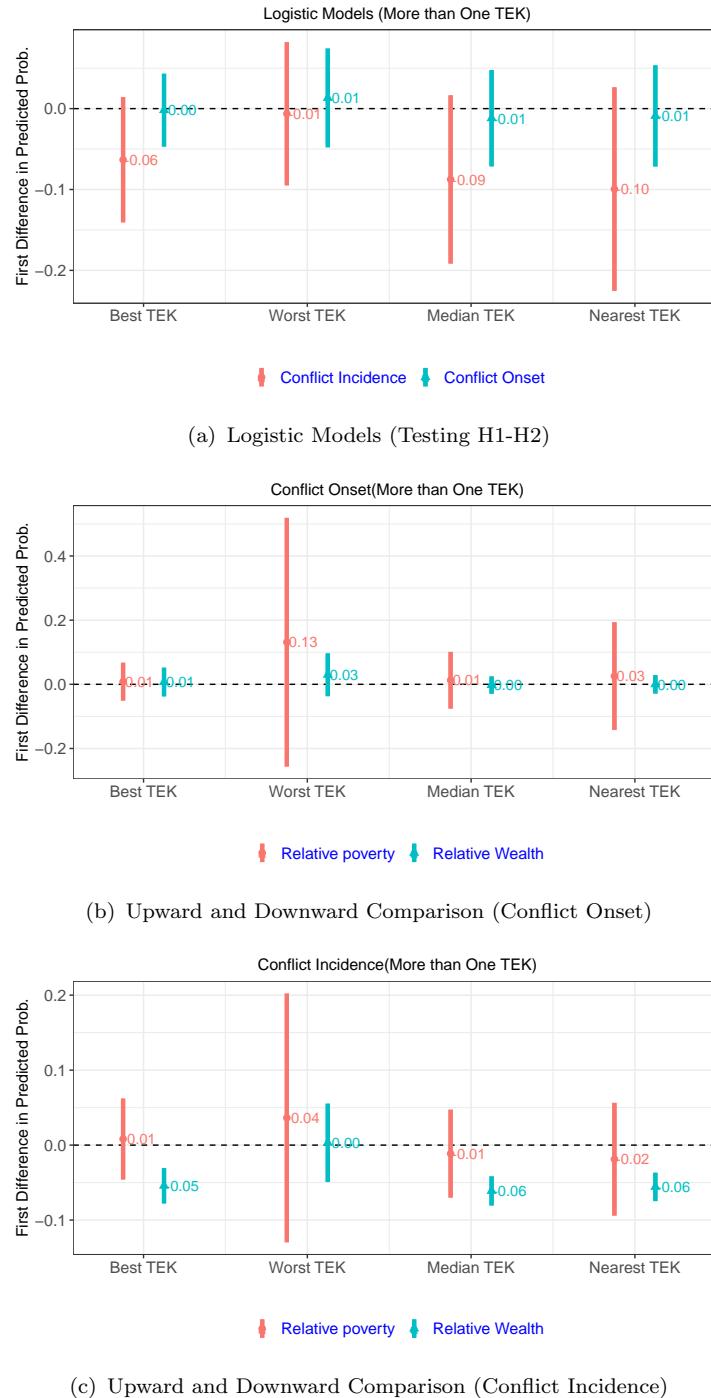
Notes: Figure A3 shows the first difference in predicted probabilities of transnational comparison on the onset and incidence of ethnic conflict. All models are estimated with the same specification except for the key independent variables. The marginal effects are based on 1,000 simulations from the parameters' posterior distributions in these models. Figure A3 uses the same model specifications as Table 1 and the results are robust to and consistent with the ones in Figures 2.

Figure A4. Robustness check: Marginal effects of upward and downward comparisons on ethnic conflict (dropping groups with a population less than 500,000)



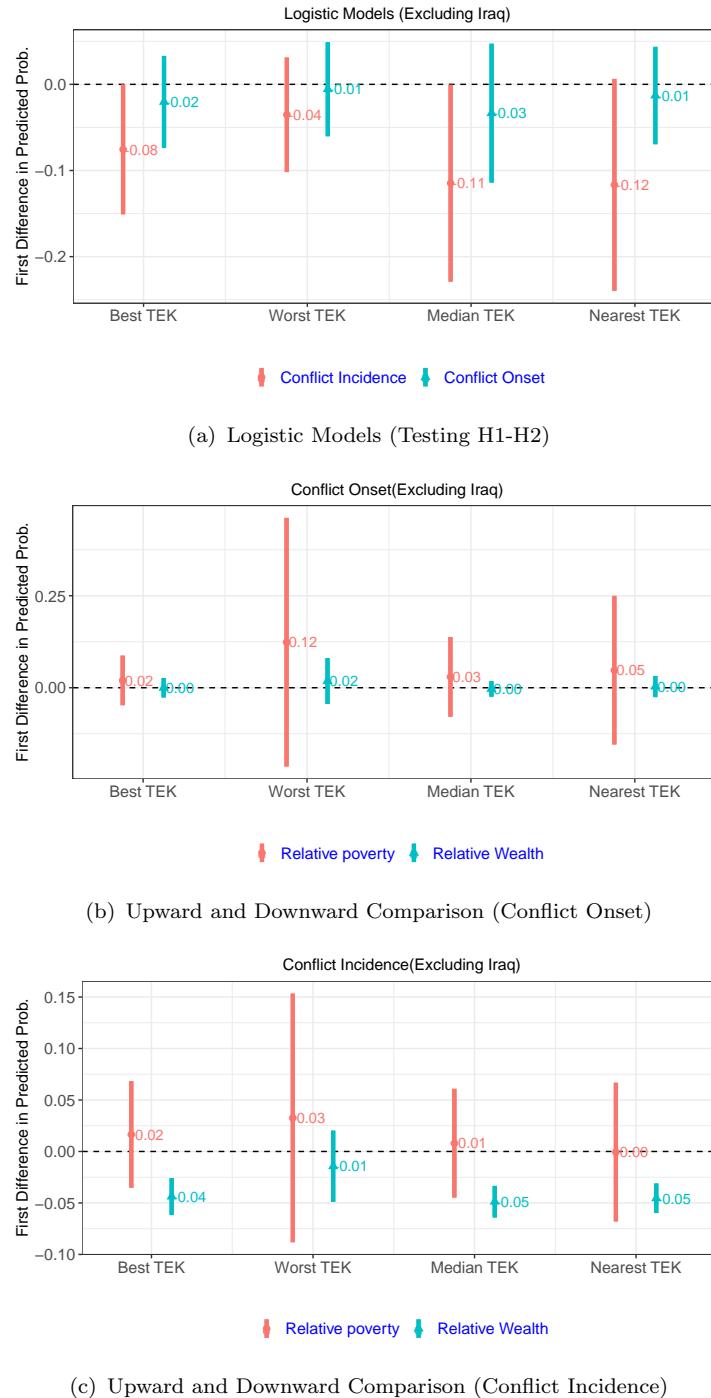
Notes: Figure A4 shows the first difference in predicted probabilities of transnational comparison on the onset and incidence of ethnic conflict. All models are estimated with the same specification except for the key independent variables. The marginal effects are based on 1,000 simulations from the parameters' posterior distributions in these models. Figure A4 uses the same model specifications as Table A1 and the results are robust to and consistent with the ones in Figures 3.

Figure A5. Robustness check: The impacts of transnational inequality on ethnic conflict (dropping groups with one TEK)



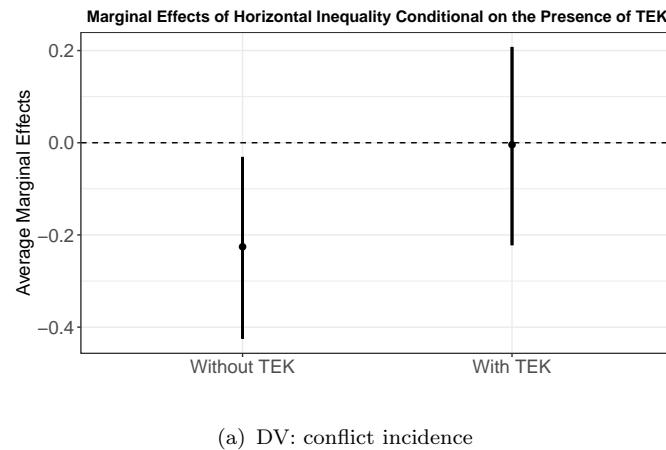
Notes: Figure A5 shows the average marginal effects for samples that excluded ethnic groups with one TEK groups. All model specifications are the same as the ones in Table 1 and Table A1.

Figure A6. Robustness check: The impacts of transnational inequality on ethnic conflict (excluding Iraq)



Notes: Figure A6 shows the average marginal effects for samples that excluded ethnic groups with one TEK group. All model specifications are the same as the ones in Table 1 and Table A1.

Figure A7. Heterogeneity analysis: Average marginal effects of horizontal inequality conditional on the presence of TEK



(a) DV: conflict incidence

Notes: Figure A7 shows the average marginal effects of transnational comparison on the onset and incidence of ethnic conflict based on Model 5 of Table A18. The marginal effects are based on 1,000 simulations from the parameters' posterior distributions in these models. In Table A18, we extend our sample to all groups, including those without a TEK, and we interact our domestic horizontal inequality variable with a dummy variable of TEK. We find that the coefficient for the international term is only statistically significant in Model 5. Figure A7 reveals that for groups without a TEK, changing from doing poor relative to the national average to doing better relative to the national average is associated with a decreased risk of conflict. This is consistent with the previous findings regarding the importance of horizontal inequality (e.g., Cederman et al. (2011)). However, for groups with a TEK there is significant decrease in the risk of conflict when the domestic inequality improves. This finding is also consistent with our expectation because those groups with a TEK now use their TEK as reference groups so that transitional comparison outweighs the domestic comparison.

Table A1. Logistic regression results of upward and downward comparisons for ethnic conflict (1992-2020)

	DV: Conflict Onset					DV: Conflict Prevalence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Relative poverty	0.036 (0.088)	0.142 (0.172)	0.021 (0.117)	0.016 (0.162)	0.014 (0.064)	0.043 (0.124)	-0.053 (0.082)	-0.071 (0.106)
Relative wealth	-0.183 (0.204)	0.093 (0.080)	-0.237 (0.203)	-0.103 (0.155)	-0.597** (0.197)	-0.006 (0.066)	-0.668*** (0.182)	-0.447*** (0.108)
TEK status excluded	0.239 (0.243)	0.101 (0.260)	0.501 (0.241)	0.195 (0.250)	-0.318* (0.173)	-0.525*** (0.224)	-0.173 (0.179)	0.098 (0.217)
Horizontal inequality	-0.126 (0.150)	-0.090 (0.179)	-0.138 (0.157)	-0.121 (0.175)	-0.092 (0.145)	-0.153 (0.128)	-0.128 (0.143)	-0.141 (0.163)
Status excluded	0.746* (0.303)	0.785** (0.282)	0.700* (0.306)	0.736* (0.299)	0.639*** (0.231)	0.799*** (0.229)	0.615*** (0.233)	0.659*** (0.230)
Previous rebellions	1.309*** (0.349)	1.367*** (0.334)	1.315*** (0.341)	1.373*** (0.337)	1.618*** (0.337)	1.512*** (0.326)	1.606*** (0.337)	1.607*** (0.324)
Status downgraded	1.404** (0.457)	1.450** (0.471)	1.459** (0.465)	1.451** (0.465)	0.965* (0.544)	0.975* (0.535)	0.975* (0.539)	1.065** (0.540)
Ln(Country GDP per capita)	-0.180 (0.137)	-0.197 (0.125)	-0.160 (0.139)	-0.200 (0.129)	-0.027 (0.092)	-0.074 (0.105)	-0.033 (0.103)	-0.071 (0.096)
Ln(Country population)	0.136 (0.075)	0.092 (0.070)	0.131 (0.074)	0.110 (0.076)	0.295*** (0.074)	0.309*** (0.066)	0.316*** (0.074)	0.294*** (0.070)
Peace year	-0.325*** (0.056)	-0.326*** (0.055)	-0.324*** (0.056)	-0.326*** (0.056)	-0.656*** (0.059)	-0.663*** (0.061)	-0.652*** (0.060)	-0.658*** (0.061)
Peace year ²	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.023*** (0.003)	0.023*** (0.003)	0.022*** (0.003)	0.023*** (0.003)
Peace year ²	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)
Intercept	-4.419* (1.649)	-3.699 (1.466)	-4.571* (1.682)	-3.796* (1.580)	-6.669*** (1.638)	-6.571*** (1.607)	-6.885*** (1.768)	-6.398*** (1.545)
AIC	651.775	652.369	648.726	652.852	1284.749	1291.334	1280.808	1287.880
BIC	748.253	748.846	745.204	749.329	1382.202	1388.787	1378.261	1385.333
Log Likelihood	-311.888	-312.185	-310.363	-312.426	-628.374	-631.667	-626.404	-629.940
Deviance	623.775	624.369	620.726	624.852	1256.749	1263.334	1252.808	1259.880
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793

*** $p < 0.001$; ** $p < 0.01$; * $p < 0.05$

Table A2. Robustness Check: The Fixed-Effect Regression Results for Ethnic Conflict (1992-2020)

	DV: Conflict Onset					DV: Conflict Prevalence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Transnational inequality	-0.006*** (0.003)	-0.004** (0.002)	-0.007*** (0.004)	-0.004** (0.003)	-0.007* (0.009)	-0.011*** (0.004)	-0.013*** (0.009)	-0.003 (0.007)
TEK status excluded	-0.005 (0.007)	0.002 (0.004)	0.004 (0.004)	-0.001 (0.005)	0.007 (0.012)	-0.005 (0.012)	0.006 (0.009)	0.005 (0.013)
Horizontal inequality	0.005 (0.004)	0.003 (0.003)	0.006 (0.004)	0.003 (0.004)	0.006 (0.012)	0.009* (0.009)	0.011* (0.012)	0.002 (0.010)
Status excluded	-0.001 (0.006)	-0.001 (0.006)	-0.001 (0.006)	-0.001 (0.006)	0.033*** (0.022)	0.034*** (0.022)	0.033*** (0.022)	0.033*** (0.022)
Previous rebellions	-0.133*** (0.037)	-0.132*** (0.037)	-0.132*** (0.037)	-0.133*** (0.038)	0.128*** (0.078)	0.129*** (0.078)	0.128*** (0.078)	0.127*** (0.078)
Status downgraded	0.005 (0.009)	0.005 (0.010)	0.005 (0.010)	0.005 (0.010)	0.019 (0.024)	0.019 (0.024)	0.018 (0.024)	0.019 (0.024)
Ln(Country GDP per capita)	-0.011* (0.008)	-0.012** (0.008)	-0.010* (0.008)	-0.011* (0.008)	-0.032*** (0.027)	-0.029*** (0.028)	-0.028*** (0.027)	-0.033*** (0.028)
Ln(Country population)	-0.017 (0.020)	-0.016 (0.020)	-0.015 (0.019)	-0.016 (0.019)	-0.091*** (0.042)	-0.085*** (0.041)	-0.085*** (0.041)	-0.091*** (0.042)
Intercept	0.417 (0.408)	0.413 (0.411)	0.362 (0.403)	0.391 (0.401)	1.776*** (0.928)	1.657*** (0.924)	1.637*** (0.918)	1.793*** (0.949)
Group Fixed Effects	YES	YES	YES	YES	YES	YES	YES	YES
Year Fixed Effects	YES	YES	YES	YES	YES	YES	YES	YES
R ²	0.217	0.216	0.217	0.216	0.531	0.532	0.532	0.531
Adj. R ²	0.179	0.179	0.180	0.179	0.510	0.511	0.511	0.510
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793

***p < 0.01; **p < 0.05; *p < 0.1

Table A3. Robustness Check: The Fixed-Effect Regression Results of Upward and Downward Comparisons for Ethnic Conflict (1992-2020)

	DV: Conflict Onset					DV: Conflict Prevalence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Relative poverty	0.005*	0.006*	0.005	0.005	-0.000	0.009	0.006	-0.004
	(0.003)	(0.003)	(0.003)	(0.003)	(0.005)	(0.006)	(0.005)	(0.005)
Relative wealth	-0.008**	-0.003*	-0.010***	-0.004	-0.019***	-0.011***	-0.021***	-0.008*
	(0.004)	(0.002)	(0.003)	(0.003)	(0.006)	(0.003)	(0.006)	(0.004)
TEK status excluded	-0.005	0.002	0.004	-0.001	0.006	-0.005	0.006	0.006
	(0.005)	(0.004)	(0.004)	(0.005)	(0.009)	(0.007)	(0.006)	(0.009)
Horizontal inequality	0.004	0.004	0.004	0.004	0.002	0.008	0.007	-0.002
	(0.004)	(0.004)	(0.004)	(0.004)	(0.006)	(0.006)	(0.006)	(0.006)
Status excluded	-0.001	-0.001	-0.001	-0.001	0.033***	0.034***	0.034***	0.033***
	(0.006)	(0.006)	(0.006)	(0.006)	(0.010)	(0.010)	(0.010)	(0.010)
Previous rebellions	-0.133***	-0.132***	-0.132***	-0.133***	0.129***	0.129***	0.128***	0.128***
	(0.011)	(0.011)	(0.011)	(0.011)	(0.017)	(0.016)	(0.016)	(0.016)
Status downgraded	0.005	0.005	0.005	0.005	0.018	0.019	0.018	0.018
	(0.008)	(0.008)	(0.008)	(0.008)	(0.012)	(0.012)	(0.012)	(0.012)
Ln(Country GDP per capita)	-0.011*	-0.011*	-0.011*	-0.011*	-0.034***	-0.030***	-0.030***	-0.035***
	(0.006)	(0.006)	(0.006)	(0.006)	(0.010)	(0.009)	(0.010)	(0.010)
Ln(Country population)	-0.017	-0.016	-0.015	-0.016	-0.089***	-0.085***	-0.085***	-0.090***
	(0.012)	(0.012)	(0.012)	(0.012)	(0.020)	(0.020)	(0.020)	(0.020)
Intercept	0.418	0.399	0.369	0.390	1.781***	1.663***	1.657***	1.804***
	(0.264)	(0.265)	(0.265)	(0.266)	(0.438)	(0.439)	(0.441)	(0.442)
Group Fixed Effects	YES	YES	YES	YES	YES	YES	YES	YES
Year Fixed Effects	YES	YES	YES	YES	YES	YES	YES	YES
R ²	0.217	0.216	0.217	0.216	0.532	0.532	0.532	0.531
Adj. R ²	0.179	0.179	0.180	0.179	0.511	0.511	0.511	0.510
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793

***p < 0.01; **p < 0.05; *p < 0.1

Table A4. Robustness Check: The Pooled OLS Regression Results for Ethnic Conflict (1992-2020)

	DV: Conflict Onset					DV: Conflict Prevalence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Transnational inequality	-0.000 (0.001)	0.000 (0.001)	-0.001 (0.001)	0.000 (0.001)	-0.003** (0.004)	-0.001 (0.004)	-0.003* (0.004)	-0.006*** (0.005)
TEK status excluded	0.002 (0.003)	0.002 (0.003)	0.005** (0.003)	0.001 (0.003)	-0.020*** (0.014)	-0.014*** (0.016)	-0.010** (0.013)	0.001 (0.014)
Horizontal inequality	-0.000 (0.002)	-0.001 (0.002)	-0.000 (0.002)	-0.001 (0.002)	-0.003 (0.008)	-0.004 (0.009)	-0.003 (0.009)	-0.001 (0.009)
Status excluded	0.010*** (0.004)	0.010*** (0.004)	0.010*** (0.004)	0.010*** (0.004)	0.067*** (0.016)	0.067*** (0.016)	0.066*** (0.016)	0.062*** (0.015)
Previous rebellions	0.030*** (0.007)	0.030*** (0.007)	0.030*** (0.007)	0.030*** (0.007)	0.188*** (0.030)	0.188*** (0.030)	0.187*** (0.030)	0.187*** (0.030)
Status downgraded	0.019*** (0.013)	0.020*** (0.013)	0.020*** (0.013)	0.019*** (0.013)	0.026* (0.031)	0.026* (0.031)	0.026* (0.031)	0.027* (0.031)
Ln(Country GDP per capita)	-0.003*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)	-0.005*** (0.006)	-0.007*** (0.005)	-0.006*** (0.006)	-0.005*** (0.006)
Ln(Country population)	0.000 (0.001)	0.000 (0.001)	0.000 (0.001)	0.000 (0.001)	0.007*** (0.004)	0.008*** (0.004)	0.008*** (0.004)	0.008*** (0.004)
Intercept	0.013 (0.013)	0.016 (0.012)	0.012 (0.012)	0.015 (0.013)	-0.132*** (0.088)	-0.123*** (0.087)	-0.135*** (0.088)	-0.139*** (0.090)
Group Fixed Effects	No	No	No	No	No	No	No	No
Year Fixed Effects	No	No	No	No	No	No	No	No
R ²	0.021	0.021	0.021	0.020	0.172	0.171	0.171	0.171
Adj. R ²	0.019	0.019	0.020	0.019	0.171	0.170	0.170	0.170
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793

***p < 0.01; **p < 0.05; *p < 0.1

Table A5. Robustness Check: The Pooled OLS Regression Results of Upward and Downward Comparisons for Ethnic Conflict (1992-2020)

	DV: Conflict Onset					DV: Conflict Prevalence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Relative poverty	0.000 (0.001)	0.000 (0.003)	0.000 (0.002)	-0.000 (0.002)	-0.001 (0.006)	-0.001 (0.009)	-0.004 (0.008)	0.004 (0.010)
Relative wealth	-0.001 (0.002)	0.000 (0.001)	-0.001 (0.001)	-0.000 (0.001)	-0.010*** (0.006)	-0.002 (0.005)	-0.012*** (0.006)	-0.007*** (0.005)
TEK status excluded	0.002 (0.003)	0.002 (0.003)	0.005** (0.003)	0.001 (0.003)	-0.019*** (0.014)	-0.014*** (0.015)	-0.009* (0.013)	0.001 (0.014)
Horizontal inequality	-0.000 (0.002)	-0.001 (0.002)	-0.001 (0.002)	-0.001 (0.002)	-0.004 (0.008)	-0.005 (0.009)	-0.005 (0.009)	-0.002 (0.010)
Status excluded	0.010*** (0.004)	0.010*** (0.004)	0.010*** (0.004)	0.010*** (0.004)	0.066*** (0.016)	0.067*** (0.016)	0.064*** (0.015)	0.062*** (0.015)
Previous rebellions	0.030*** (0.007)	0.030*** (0.007)	0.030*** (0.007)	0.030*** (0.007)	0.188*** (0.030)	0.188*** (0.030)	0.188*** (0.030)	0.187*** (0.030)
Status downgraded	0.019*** (0.013)	0.020*** (0.013)	0.020*** (0.013)	0.019*** (0.013)	0.026* (0.031)	0.026* (0.031)	0.026* (0.031)	0.027* (0.031)
Ln(Country GDP per capita)	-0.003*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)	-0.003*** (0.001)	-0.006*** (0.007)	-0.007*** (0.005)	-0.007*** (0.006)	-0.006*** (0.006)
Ln(Country population)	0.000 (0.001)	0.000 (0.001)	0.000 (0.001)	0.000 (0.001)	0.007*** (0.004)	0.008*** (0.004)	0.008*** (0.004)	0.008*** (0.004)
Intercept	0.015 (0.014)	0.015 (0.013)	0.013 (0.013)	0.015 (0.013)	-0.118*** (0.089)	-0.120*** (0.090)	-0.110*** (0.087)	-0.134*** (0.090)
Group Fixed Effects	No	No	No	No	No	No	No	No
Year Fixed Effects	No	No	No	No	No	No	No	No
R ²	0.021	0.021	0.021	0.020	0.173	0.171	0.172	0.171
Adj. R ²	0.019	0.019	0.020	0.019	0.172	0.170	0.171	0.170
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793

***p < 0.01; **p < 0.05; *p < 0.1

Table A6. Robustness Check: The Multilevel Logistic Model Regression Results for Ethnic Conflict (1992-2020)

	DV: Conflict Onset					DV: Conflict Prevalence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Transnational inequality	-0.081 (0.085)	-0.035 (0.088)	-0.130 (0.105)	-0.096 (0.105)	-0.171*** (0.055)	-0.287*** (0.057)	-0.355*** (0.068)	-0.357*** (0.068)
TEK status excluded	0.191 (0.288)	0.163 (0.281)	0.621** (0.290)	0.257 (0.294)	-0.392** (0.181)	-0.632*** (0.166)	-0.096 (0.155)	0.330* (0.188)
Horizontal inequality	-0.086 (0.152)	-0.104 (0.160)	-0.110 (0.152)	-0.091 (0.155)	-0.088 (0.098)	0.041 (0.108)	-0.005 (0.098)	-0.052 (0.097)
Status excluded	0.717** (0.355)	0.657* (0.356)	0.676* (0.362)	0.592* (0.359)	1.045*** (0.228)	1.010*** (0.239)	1.007*** (0.228)	0.923*** (0.231)
Previous rebellions	1.957*** (0.310)	1.989*** (0.308)	1.992*** (0.313)	2.008*** (0.306)	3.885*** (0.268)	3.987*** (0.277)	3.909*** (0.270)	3.926*** (0.275)
Status downgraded	1.263** (0.500)	1.197** (0.509)	1.276** (0.506)	1.216** (0.505)	0.926*** (0.321)	1.131*** (0.321)	0.997*** (0.318)	1.027*** (0.318)
Ln(Country GDP per capita)	-0.377** (0.175)	-0.397** (0.178)	-0.349* (0.185)	-0.386** (0.171)	-0.408** (0.160)	-0.368** (0.171)	-0.322** (0.164)	-0.341** (0.162)
Ln(Country population)	0.109 (0.151)	0.087 (0.151)	0.116 (0.159)	0.107 (0.150)	0.191 (0.175)	0.223 (0.194)	0.243 (0.179)	0.248 (0.181)
Intercept	-6.076** (2.994)	-5.371* (2.976)	-6.734** (3.173)	-5.794** (2.936)	-7.956** (3.192)	-8.531** (3.483)	-9.636*** (3.262)	-9.732*** (3.297)
Group Mixed Effects	YES	YES	YES	YES	YES	YES	YES	YES
Year Mixed Effects	YES	YES	YES	YES	YES	YES	YES	YES
AIC	674.080	674.697	668.857	673.863	1712.391	1683.574	1700.628	1703.288
BIC	756.775	757.392	751.552	756.557	1795.923	1767.106	1784.160	1786.819
Log Likelihood	-325.040	-325.349	-322.429	-324.931	-844.196	-829.787	-838.314	-839.644
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793
Num. groups: countries_gwid	117	117	117	117	118	118	118	118
Num. groups: year	29	29	29	29	29	29	29	29
Var: countries_gwid (Intercept)	1.463	1.508	1.746	1.427	3.469	4.789	3.665	3.836
Var: year (Intercept)	0.340	0.252	0.328	0.272	0.098	0.119	0.106	0.129

*** $p < 0.01$; ** $p < 0.05$; * $p < 0.1$

Table A7. Robustness Check: The Multilevel Logistic Regression Results of Upward and Downward Comparisons for Ethnic Conflict (1992-2020)

	DV: Conflict Onset					DV: Conflict Prevalence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Relative poverty	0.037 (0.110)	-0.011 (0.187)	0.004 (0.144)	0.021 (0.174)	-0.078 (0.072)	-0.203* (0.123)	-0.107 (0.095)	0.053 (0.103)
Relative wealth	-0.208 (0.251)	-0.050 (0.110)	-0.427* (0.257)	-0.175 (0.196)	-0.994*** (0.200)	-0.494*** (0.076)	-1.385*** (0.200)	-0.778*** (0.144)
TEK status excluded	0.184 (0.287)	0.158 (0.284)	0.618** (0.289)	0.269 (0.297)	-0.236 (0.187)	-0.833*** (0.176)	-0.081 (0.159)	0.448** (0.193)
Horizontal inequality	-0.126 (0.155)	-0.110 (0.168)	-0.180 (0.158)	-0.110 (0.165)	-0.224** (0.105)	-0.106 (0.117)	-0.136 (0.108)	-0.174* (0.105)
Status excluded	0.682* (0.352)	0.641* (0.355)	0.613* (0.361)	0.612* (0.363)	1.063*** (0.232)	0.925*** (0.244)	0.967*** (0.235)	0.963*** (0.233)
Previous rebellions	1.980*** (0.309)	2.009*** (0.308)	1.959*** (0.312)	1.977*** (0.307)	3.933*** (0.271)	4.084*** (0.284)	3.986*** (0.276)	3.863*** (0.275)
Status downgraded	1.236** (0.498)	1.273** (0.499)	1.241** (0.507)	1.181** (0.509)	0.877*** (0.320)	1.110*** (0.326)	0.935*** (0.320)	0.996*** (0.316)
Ln(Country GDP per capita)	-0.395** (0.174)	-0.394** (0.177)	-0.379** (0.187)	-0.428** (0.179)	-0.470*** (0.160)	-0.450** (0.177)	-0.436*** (0.165)	-0.453*** (0.160)
Ln(Country population)	0.091 (0.148)	0.078 (0.148)	0.123 (0.159)	0.089 (0.152)	0.247 (0.179)	0.216 (0.200)	0.239 (0.183)	0.270 (0.181)
Intercept	-5.446* (2.943)	-5.183* (2.953)	-6.295** (3.163)	-5.123* (2.999)	-8.154** (3.199)	-7.373** (3.619)	-7.995** (3.306)	-8.918*** (3.233)
Group Mixed Effects	YES	YES	YES	YES	YES	YES	YES	YES
Year Mixed Effects	YES	YES	YES	YES	YES	YES	YES	YES
AIC	675.904	676.772	669.565	675.692	1687.519	1663.830	1656.435	1691.337
BIC	765.490	766.358	759.151	765.278	1778.012	1754.323	1746.928	1781.830
Log Likelihood	-324.952	-325.386	-321.783	-324.846	-830.760	-818.915	-815.217	-832.669
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793
Num. groups: countries_gwid	117	117	117	117	118	118	118	118
Num. groups: year	29	29	29	29	29	29	29	29
Var: countries_gwid (Intercept)	1.376	1.430	1.751	1.537	3.753	5.236	3.963	3.842
Var: year (Intercept)	0.263	0.263	0.261	0.242	0.088	0.147	0.111	0.089

*** $p < 0.01$; ** $p < 0.05$; * $p < 0.1$

Table A8. Heterogeneity analysis: Transnational inequality on governmental conflict (1992-2020)

	DV: Conflict Onset				DV: Conflict Incidence			
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Transnational inequality	0.086 (0.088)	0.213** (0.068)	0.191 (0.095)	0.139 (0.104)	-0.016 (0.078)	0.059 (0.091)	0.008 (0.082)	-0.052 (0.073)
TEK status excluded	-0.006 (0.357)	0.292 (0.368)	-0.156 (0.355)	-0.060 (0.386)	-0.271 (0.290)	-0.340 (0.287)	-0.230 (0.270)	0.070 (0.328)
Horizontal inequality	-0.210 (0.194)	-0.351 (0.208)	-0.267 (0.214)	-0.263 (0.203)	-0.083 (0.219)	-0.163 (0.234)	-0.119 (0.225)	-0.118 (0.226)
Status excluded	0.602 (0.431)	0.532 (0.404)	0.595 (0.417)	0.605 (0.427)	0.278 (0.288)	0.328 (0.294)	0.276 (0.297)	0.256 (0.297)
Previous rebellions	1.069*** (0.396)	1.020** (0.389)	1.089*** (0.397)	1.053** (0.404)	1.450*** (0.316)	1.373*** (0.316)	1.448*** (0.317)	1.428*** (0.310)
Status downgraded	2.026*** (0.473)	2.184*** (0.477)	2.041*** (0.484)	1.981*** (0.490)	1.791*** (0.630)	1.759*** (0.631)	1.817*** (0.624)	1.851*** (0.667)
Ln(Country GDP per capita)	-0.201 (0.174)	-0.282 (0.171)	-0.258 (0.183)	-0.200 (0.177)	-0.156 (0.148)	-0.249** (0.113)	-0.178 (0.142)	-0.170 (0.132)
Ln(Country population)	0.202 (0.100)	0.168 (0.097)	0.173 (0.097)	0.205 (0.096)	0.266** (0.091)	0.288*** (0.090)	0.278** (0.089)	0.290*** (0.087)
Peace Year	-0.256*** (0.057)	-0.257*** (0.053)	-0.255*** (0.055)	-0.254*** (0.057)	-0.705*** (0.103)	-0.708*** (0.103)	-0.708*** (0.106)	-0.706*** (0.105)
Peace Year ²	0.007** (0.002)	0.007** (0.002)	0.007** (0.002)	0.007** (0.002)	0.022*** (0.004)	0.022*** (0.004)	0.022*** (0.004)	0.022*** (0.004)
Peace Year ²	-0.000** (0.000)	-0.000** (0.000)	-0.000** (0.000)	-0.000** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)
Intercept	-6.129** (1.950)	-5.376* (1.736)	-5.229* (1.917)	-6.268** (1.859)	-5.208*** (1.772)	-4.877** (1.913)	-5.265*** (1.855)	-5.629*** (1.874)
AIC	380.219	375.631	378.345	379.450	668.149	666.533	668.418	668.964
BIC	470.343	465.755	468.469	469.574	758.641	757.026	758.911	759.457
Log Likelihood	-177.109	-174.815	-176.173	-176.725	-321.074	-320.267	-321.209	-321.482
Deviance	354.219	349.631	352.345	353.450	642.149	640.533	642.418	642.964
Num. obs.	7575	7575	7575	7575	7793	7793	7793	7793

*** $p < 0.01$; ** $p < 0.05$; * $p < 0.1$

Table A9. Heterogeneity analysis: Transnational inequality on territorial conflict (1992-2020)

	DV: Conflict Onset					DV: Conflict Incidence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Transnational inequality	-0.268*** (0.082)	-0.037 (0.114)	-0.324*** (0.097)	-0.238* (0.105)	-0.288*** (0.065)	-0.023 (0.056)	-0.325*** (0.074)	-0.263*** (0.084)
TEK status excluded	0.380 (0.285)	-0.038 (0.291)	1.111*** (0.294)	0.280 (0.311)	-0.213 (0.254)	-0.599*** (0.297)	-0.153 (0.228)	-0.095 (0.270)
Horizontal inequality	0.018 (0.184)	-0.116 (0.268)	0.045 (0.185)	0.015 (0.183)	0.011 (0.159)	-0.209 (0.131)	-0.014 (0.135)	-0.029 (0.152)
Status excluded	1.017** (0.398)	0.821* (0.405)	0.956** (0.397)	0.692 (0.428)	1.433*** (0.232)	1.295*** (0.305)	1.409*** (0.220)	1.097*** (0.314)
Previous rebellions	1.740*** (0.469)	1.936*** (0.432)	1.747*** (0.493)	1.906*** (0.450)	1.840*** (0.398)	1.962*** (0.384)	1.894*** (0.389)	1.999*** (0.384)
Status downgraded	-0.500 (1.301)	-0.124 (1.189)	-0.520 (1.336)	0.118 (1.183)	0.148 (0.587)	0.158 (0.621)	0.130 (0.585)	0.318 (0.593)
Ln(Country GDP per capita)	0.007 (0.167)	-0.159 (0.140)	0.052 (0.171)	-0.086 (0.166)	0.139* (0.119)	-0.008 (0.137)	0.187** (0.138)	0.125 (0.129)
Ln(Country population)	0.173 (0.111)	0.071 (0.089)	0.162 (0.101)	0.086 (0.106)	0.429*** (0.101)	0.395*** (0.075)	0.441*** (0.087)	0.351*** (0.089)
Peace Year	-0.250*** (0.067)	-0.253*** (0.066)	-0.245*** (0.070)	-0.250*** (0.068)	-0.542*** (0.064)	-0.544*** (0.061)	-0.541*** (0.064)	-0.547*** (0.063)
Peace Year ²	0.007** (0.003)	0.007** (0.002)	0.007** (0.003)	0.007** (0.003)	0.016*** (0.003)	0.016*** (0.003)	0.016*** (0.003)	0.017*** (0.003)
Peace Year ²	-0.000** (0.000)	-0.000** (0.000)	-0.000** (0.000)	-0.000** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)
Intercept	-7.691*** (2.501)	-4.020 (1.886)	-8.289*** (2.278)	-4.993** (2.415)	-11.855*** (2.409)	-9.540*** (1.981)	-12.420*** (2.285)	-10.029*** (2.078)
AIC	404.695	412.776	396.399	408.720	788.610	797.248	791.238	797.301
BIC	494.639	502.720	486.343	498.665	879.103	887.740	881.731	887.794
Log Likelihood	-189.347	-193.388	-185.199	-191.360	-381.305	-385.624	-382.619	-385.651
Deviance	378.695	386.776	370.399	382.720	762.610	771.248	765.238	771.301
Num. obs.	7471	7471	7471	7471	7793	7793	7793	7793

*** $p < 0.01$; ** $p < 0.05$; * $p < 0.1$

Table A10. Heterogeneity analysis: The Logistic Regression Results of Upward and Downward Comparisons for Ethnic governmental Conflict (1992-2020)

	DV: Conflict Onset					DV: Conflict Incidence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Relative poverty	-0.137 (0.139)	-0.624 (0.434)	-0.431* (0.244)	-0.339 (0.245)	-0.161* (0.103)	-0.330 (0.260)	-0.410*** (0.154)	-0.321** (0.182)
Relative wealth	-0.008 (0.220)	0.141 (0.087)	-0.027 (0.216)	0.003 (0.187)	-0.476** (0.174)	-0.009 (0.120)	-0.501*** (0.148)	-0.394** (0.108)
TEK status excluded	0.022 (0.372)	0.213 (0.384)	-0.097 (0.373)	-0.023 (0.382)	-0.263 (0.299)	-0.414* (0.304)	-0.164 (0.279)	0.141 (0.329)
Horizontal inequality	-0.229 (0.209)	-0.452* (0.281)	-0.333 (0.252)	-0.329 (0.261)	-0.123 (0.217)	-0.190 (0.257)	-0.128 (0.246)	-0.175 (0.259)
Status excluded	0.581 (0.442)	0.493 (0.415)	0.531 (0.439)	0.591 (0.431)	0.243 (0.285)	0.283 (0.288)	0.207 (0.299)	0.287 (0.285)
Previous rebellions	1.089*** (0.399)	1.059** (0.396)	1.145*** (0.400)	1.091*** (0.398)	1.532*** (0.318)	1.406*** (0.321)	1.568*** (0.319)	1.520*** (0.316)
Status downgraded	2.025*** (0.479)	2.170*** (0.486)	2.067*** (0.502)	1.961*** (0.496)	1.771*** (0.627)	1.733*** (0.649)	1.840*** (0.630)	1.781*** (0.665)
Ln(Country GDP per capita)	-0.212 (0.176)	-0.312* (0.176)	-0.298* (0.182)	-0.234 (0.183)	-0.160 (0.142)	-0.270** (0.116)	-0.256** (0.129)	-0.212* (0.125)
Ln(Country population)	0.205 (0.100)	0.155 (0.093)	0.167 (0.096)	0.200 (0.094)	0.269** (0.094)	0.289*** (0.093)	0.258** (0.091)	0.286*** (0.090)
Peace Year	-0.256*** (0.058)	-0.254*** (0.054)	-0.261*** (0.056)	-0.256*** (0.057)	-0.702*** (0.102)	-0.708*** (0.104)	-0.704*** (0.102)	-0.697*** (0.101)
Peace Year ²	0.007** (0.002)	0.007** (0.002)	0.007** (0.002)	0.007** (0.002)	0.022*** (0.004)	0.022*** (0.004)	0.022*** (0.004)	0.021*** (0.004)
Peace Year ²	-0.000** (0.000)	-0.000** (0.000)	-0.000** (0.000)	-0.000** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)
Intercept	-6.016** (2.014)	-4.763* (1.812)	-4.582 (1.984)	-5.787** (1.912)	-4.916** (1.747)	-4.532** (2.055)	-3.860* (1.819)	-4.953** (1.911)
AIC	382.035	376.173	378.848	380.683	663.492	666.798	658.853	663.756
BIC	479.091	473.229	475.904	477.739	760.946	764.252	756.307	761.209
Log Likelihood	-177.017	-174.086	-175.424	-176.341	-317.746	-319.399	-315.427	-317.878
Deviance	354.035	348.173	350.848	352.683	635.492	638.798	630.853	635.756
Num. obs.	7575	7575	7575	7575	7793	7793	7793	7793

*** $p < 0.01$; ** $p < 0.05$; * $p < 0.1$

Table A11. Heterogeneity analysis: The Logistic Regression Results of Upward and Downward Comparisons for Ethnic territorial Conflict (1992-2020)

	DV: Conflict Onset					DV: Conflict Incidence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Relative poverty	0.229** (0.096)	0.418** (0.144)	0.253* (0.125)	0.317* (0.152)	0.228*** (0.075)	0.153 (0.143)	0.168 (0.092)	0.142 (0.134)
Relative wealth	-0.637 (0.557)	0.123 (0.114)	-0.701 (0.451)	-0.116 (0.212)	-0.989** (0.635)	0.021 (0.066)	-1.309*** (0.571)	-0.491** (0.227)
TEK status excluded	0.383 (0.297)	0.036 (0.281)	1.105*** (0.297)	0.260 (0.310)	-0.227 (0.246)	-0.579*** (0.295)	-0.137 (0.217)	-0.056 (0.265)
Horizontal inequality	-0.006 (0.186)	0.079 (0.196)	0.017 (0.193)	0.053 (0.200)	-0.001 (0.162)	-0.156 (0.134)	-0.033 (0.138)	-0.058 (0.169)
Status excluded	0.935** (0.408)	0.835** (0.413)	0.852* (0.425)	0.705 (0.425)	1.235*** (0.254)	1.292*** (0.304)	1.049*** (0.251)	1.076*** (0.303)
Previous rebellions	1.754*** (0.473)	1.941*** (0.443)	1.766*** (0.495)	1.910*** (0.451)	1.886*** (0.398)	1.954*** (0.385)	1.964*** (0.396)	2.000*** (0.381)
Status downgraded	-0.442 (1.282)	0.046 (1.182)	-0.441 (1.330)	0.140 (1.180)	0.140 (0.582)	0.203 (0.606)	0.099 (0.584)	0.312 (0.590)
Ln(Country GDP per capita)	0.006 (0.174)	-0.107 (0.138)	0.046 (0.173)	-0.065 (0.152)	0.151* (0.117)	0.008 (0.137)	0.179** (0.134)	0.085 (0.133)
Ln(Country population)	0.180 (0.110)	0.052 (0.091)	0.169 (0.102)	0.080 (0.106)	0.441*** (0.099)	0.384*** (0.076)	0.470*** (0.084)	0.364*** (0.088)
Peace Year	-0.252*** (0.068)	-0.258*** (0.069)	-0.248*** (0.070)	-0.248*** (0.069)	-0.538*** (0.063)	-0.546*** (0.061)	-0.531*** (0.061)	-0.546*** (0.063)
Peace Year ²	0.007*** (0.003)	0.007*** (0.003)	0.007*** (0.003)	0.007** (0.003)	0.016*** (0.003)	0.016*** (0.003)	0.016*** (0.003)	0.016*** (0.003)
Peace Year ²	-0.000** (0.000)	-0.000** (0.000)	-0.000** (0.000)	-0.000** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)
Intercept	-7.646*** (2.537)	-4.500* (1.946)	-8.117*** (2.305)	-5.159** (2.356)	-11.867*** (2.337)	-9.569*** (1.995)	-12.279*** (2.178)	-9.790*** (2.050)
AIC	406.117	410.443	397.527	410.434	787.279	798.401	784.432	797.701
BIC	502.980	507.306	494.390	507.297	884.732	895.854	881.885	895.154
Log Likelihood	-189.058	-191.221	-184.764	-191.217	-379.639	-385.200	-378.216	-384.850
Deviance	378.117	382.443	369.527	382.434	759.279	770.401	756.432	769.701
Num. obs.	7471	7471	7471	7471	7793	7793	7793	7793

*** $p < 0.01$; ** $p < 0.05$; * $p < 0.1$

Table A12. Heterogeneity analysis: Logistic regression results of transnational inequality conditional on political exclusion

	DV: Conflict Onset					DV: Conflict Incidence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Transnational inequality	-0.098 (0.084)	0.008 (0.096)	-0.105 (0.096)	-0.061 (0.113)	-0.136** (0.048)	-0.091 (0.107)	-0.177** (0.061)	-0.212** (0.088)
Transnational inequality × Status excluded	0.051 (0.102)	0.032 (0.115)	0.031 (0.108)	0.005 (0.135)	0.032 (0.079)	0.114 (0.104)	0.055 (0.087)	0.080 (0.105)
TEK status excluded	0.225 (0.240)	0.065 (0.259)	0.480* (0.236)	0.186 (0.253)	-0.318** (0.179)	-0.535*** (0.222)	-0.227 (0.175)	0.040 (0.220)
Horizontal inequality	-0.106 (0.140)	-0.153 (0.170)	-0.110 (0.144)	-0.104 (0.146)	-0.052 (0.141)	-0.153 (0.127)	-0.081 (0.129)	-0.074 (0.136)
Status excluded	0.849** (0.352)	0.740** (0.296)	0.768** (0.318)	0.739** (0.301)	0.769*** (0.257)	0.701*** (0.240)	0.770*** (0.235)	0.663*** (0.227)
Previous rebellions	1.283*** (0.351)	1.375*** (0.338)	1.282*** (0.344)	1.365*** (0.341)	1.544*** (0.334)	1.475*** (0.329)	1.519*** (0.336)	1.568*** (0.330)
Status downgraded	1.412*** (0.461)	1.429*** (0.473)	1.445*** (0.465)	1.458*** (0.462)	1.004** (0.549)	0.978** (0.530)	1.017*** (0.544)	1.105*** (0.547)
Ln(Country GDP per capita)	-0.176 (0.139)	-0.217* (0.120)	-0.152 (0.142)	-0.190* (0.132)	-0.020 (0.095)	-0.089 (0.102)	0.011 (0.109)	-0.005 (0.098)
Ln(Country population)	0.134 (0.076)	0.094 (0.075)	0.131 (0.074)	0.110 (0.077)	0.297*** (0.075)	0.326*** (0.068)	0.322*** (0.072)	0.289*** (0.072)
Peace Year	-0.325*** (0.055)	-0.324*** (0.054)	-0.322*** (0.055)	-0.326*** (0.055)	-0.662*** (0.061)	-0.662*** (0.061)	-0.661*** (0.062)	-0.665*** (0.062)
Peace Year ²	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.023*** (0.003)	0.023*** (0.003)	0.023*** (0.003)	0.023*** (0.003)
Peace Year ²	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)
Intercept	-4.531** (1.644)	-3.405* (1.440)	-4.751** (1.681)	-3.900** (1.592)	-7.010*** (1.678)	-6.631*** (1.580)	-7.659*** (1.744)	-6.987*** (1.548)
AIC	651.917	653.583	649.362	652.956	1293.056	1289.512	1294.260	1295.134
BIC	748.395	750.060	745.839	749.433	1390.510	1386.966	1391.714	1392.588
Log Likelihood	-311.959	-312.791	-310.681	-312.478	-632.528	-630.756	-633.130	-633.567
Deviance	623.917	625.583	621.362	624.956	1265.056	1261.512	1266.260	1267.134
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793

*** $p < 0.01$; ** $p < 0.05$; * $p < 0.1$

Table A13. Heterogeneity analysis: Logistic regression results of upward and downward comparisons for ethnic conflict conditional on political exclusion(1992-2020)

	DV: Conflict Onset					DV: Conflict Incidence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Relative poverty	0.102 (0.119)	0.018 (0.291)	0.054 (0.162)	0.061 (0.232)	0.015 (0.066)	-0.109 (0.205)	-0.041 (0.089)	-0.064 (0.176)
Relative wealth	-0.060 (0.285)	-0.003 (0.134)	-0.233 (0.342)	-0.049 (0.225)	-0.834** (0.366)	-0.184* (0.165)	-0.937*** (0.329)	-0.529** (0.205)
Relative poverty × Status excluded	-0.114 (0.132)	0.181 (0.293)	-0.057 (0.176)	-0.072 (0.251)	-0.003 (0.102)	0.191 (0.232)	-0.034 (0.129)	-0.002 (0.199)
Relative wealth × Status excluded	-0.204 (0.367)	0.136 (0.168)	-0.008 (0.405)	-0.089 (0.286)	0.367 (0.475)	0.249* (0.162)	0.401 (0.431)	0.130 (0.299)
TEK status excluded	0.242 (0.244)	0.112 (0.262)	0.499* (0.243)	0.202 (0.246)	-0.308** (0.172)	-0.524*** (0.222)	-0.186 (0.176)	0.096 (0.215)
Horizontal inequality	-0.125 (0.143)	-0.099 (0.185)	-0.137 (0.155)	-0.117 (0.172)	-0.096 (0.146)	-0.153 (0.132)	-0.132 (0.145)	-0.141 (0.165)
Status excluded	0.995** (0.476)	0.500 (0.476)	0.769* (0.503)	0.844* (0.480)	0.577** (0.343)	0.381 (0.307)	0.540* (0.367)	0.605** (0.375)
Previous rebellions	1.309*** (0.351)	1.350*** (0.339)	1.310*** (0.346)	1.378*** (0.343)	1.605*** (0.339)	1.484*** (0.323)	1.580*** (0.339)	1.596*** (0.330)
Status downgraded	1.422*** (0.465)	1.479*** (0.470)	1.468*** (0.468)	1.448*** (0.465)	0.978** (0.543)	1.022*** (0.522)	0.991** (0.540)	1.063*** (0.540)
Ln(Country GDP per capita)	-0.185 (0.140)	-0.192 (0.126)	-0.162 (0.140)	-0.203* (0.129)	-0.026 (0.092)	-0.087 (0.101)	-0.039 (0.105)	-0.067 (0.096)
Ln(Country population)	0.138 (0.075)	0.101 (0.075)	0.132 (0.075)	0.110 (0.077)	0.301*** (0.074)	0.327*** (0.067)	0.327*** (0.073)	0.298*** (0.070)
Peace Year	-0.327*** (0.056)	-0.325*** (0.054)	-0.325*** (0.056)	-0.327*** (0.056)	-0.656*** (0.060)	-0.661*** (0.060)	-0.653*** (0.060)	-0.658*** (0.061)
Peace Year ²	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.023*** (0.003)	0.022*** (0.003)	0.022*** (0.003)	0.023*** (0.003)
Peace Year ²	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)
Intercept	-4.601** (1.667)	-3.681* (1.471)	-4.615** (1.708)	-3.849** (1.590)	-6.712*** (1.650)	-6.434*** (1.568)	-6.927*** (1.756)	-6.433*** (1.531)
AIC	655.219	655.747	652.633	656.753	1287.812	1291.466	1283.079	1291.579
BIC	765.479	766.007	762.893	767.013	1399.188	1402.841	1394.455	1402.954
Log Likelihood	-311.610	-311.873	-310.317	-312.377	-627.906	-629.733	-625.539	-629.789
Deviance	623.219	623.747	620.633	624.753	1255.812	1259.466	1251.079	1259.579
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793

*** $p < 0.01$; ** $p < 0.05$; * $p < 0.1$

Table A14. Heterogeneity analysis: Logistic regression Results of transnational inequality conditional on domestic horizontal inequality

	DV: Conflict Onset					DV: Conflict Incidence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Transnational inequality	-0.071 (0.064)	0.017 (0.068)	-0.103 (0.077)	-0.056 (0.082)	-0.172*** (0.056)	-0.041 (0.053)	-0.209*** (0.065)	-0.183*** (0.066)
Transnational inequality × Horizontal inequality	-0.005 (0.032)	-0.042 (0.073)	-0.026 (0.072)	0.003 (0.019)	-0.118** (0.066)	-0.072 (0.058)	-0.121** (0.064)	-0.076 (0.070)
TEK status excluded	0.225 (0.240)	0.049 (0.264)	0.481* (0.235)	0.185 (0.253)	-0.339** (0.178)	-0.525*** (0.222)	-0.217 (0.174)	0.015 (0.217)
Horizontal inequality	-0.122 (0.197)	-0.181 (0.189)	-0.164 (0.208)	-0.096 (0.180)	-0.279* (0.177)	-0.184* (0.127)	-0.258* (0.161)	-0.178 (0.173)
Status excluded	0.773*** (0.289)	0.758*** (0.284)	0.738** (0.286)	0.740** (0.299)	0.694*** (0.224)	0.784*** (0.228)	0.704*** (0.227)	0.628*** (0.236)
Previous rebellions	1.287*** (0.346)	1.381*** (0.337)	1.276*** (0.340)	1.368*** (0.337)	1.535*** (0.343)	1.493*** (0.330)	1.503*** (0.344)	1.559*** (0.330)
Status downgraded	1.400*** (0.458)	1.432*** (0.471)	1.438*** (0.465)	1.458*** (0.462)	0.971** (0.558)	0.957** (0.534)	0.986** (0.547)	1.104*** (0.549)
Ln(Country GDP per capita)	-0.172 (0.138)	-0.223* (0.120)	-0.147 (0.142)	-0.190* (0.132)	-0.019 (0.093)	-0.092 (0.107)	0.016 (0.105)	-0.011 (0.098)
Ln(Country population)	0.133 (0.075)	0.087 (0.072)	0.130 (0.074)	0.109 (0.076)	0.298*** (0.074)	0.314*** (0.067)	0.325*** (0.074)	0.282*** (0.072)
Peace Year	-0.324*** (0.055)	-0.321*** (0.055)	-0.321*** (0.055)	-0.326*** (0.055)	-0.658*** (0.061)	-0.658*** (0.061)	-0.656*** (0.061)	-0.662*** (0.062)
Peace Year ²	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.023*** (0.003)	0.022*** (0.003)	0.023*** (0.003)	0.023*** (0.003)
Peace Year ²	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)
Intercept	-4.503** (1.644)	-3.248* (1.428)	-4.763** (1.692)	-3.895** (1.588)	-7.034*** (1.685)	-6.467*** (1.629)	-7.753*** (1.774)	-6.798*** (1.594)
AIC	652.076	653.189	649.209	652.949	1288.561	1289.275	1290.243	1294.002
BIC	748.553	749.667	745.686	749.426	1386.015	1386.728	1387.696	1391.456
Log Likelihood	-312.038	-312.595	-310.605	-312.474	-630.281	-630.637	-631.121	-633.001
Deviance	624.076	625.189	621.209	624.949	1260.561	1261.275	1262.243	1266.002
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793

*** $p < 0.01$; ** $p < 0.05$; * $p < 0.1$

Table A15. Heterogeneity analysis: Logistic regression results of upward and downward comparisons for ethnic conflict conditional on domestic horizontal inequality

	DV: Conflict Onset				DV: Conflict Incidence			
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Relative poverty	0.038 (0.086)	0.208 (0.171)	0.033 (0.110)	0.025 (0.179)	0.057 (0.078)	0.025 (0.138)	-0.037 (0.101)	-0.051 (0.141)
Relative wealth	-0.177 (0.201)	0.079 (0.072)	-0.245 (0.199)	-0.078 (0.156)	-0.678*** (0.194)	-0.062 (0.064)	-0.765*** (0.191)	-0.439*** (0.130)
Relative poverty × Horizontal inequality	0.003 (0.032)	0.003 (0.030)	0.010 (0.056)	0.047 (0.107)	0.081 (0.078)	-0.014 (0.016)	0.010 (0.073)	0.027 (0.101)
Relative wealth × Horizontal inequality	0.019 (0.237)	-0.204 (0.101)	-0.052 (0.216)	0.450* (0.269)	-0.370 (0.273)	-0.185** (0.083)	-0.478* (0.226)	-0.021 (0.239)
TEK status excluded	0.240 (0.248)	0.077 (0.257)	0.497* (0.245)	0.232 (0.255)	-0.348** (0.176)	-0.500*** (0.221)	-0.184 (0.176)	0.087 (0.215)
Horizontal inequality	-0.137 (0.224)	0.062 (0.249)	-0.148 (0.241)	-0.341 (0.251)	-0.219 (0.194)	-0.007 (0.151)	-0.076 (0.189)	-0.174 (0.210)
Status excluded	0.746** (0.303)	0.781*** (0.284)	0.700** (0.307)	0.740** (0.304)	0.626*** (0.226)	0.783*** (0.224)	0.617*** (0.231)	0.654*** (0.230)
Previous rebellions	1.308*** (0.348)	1.376*** (0.347)	1.306*** (0.341)	1.353*** (0.332)	1.598*** (0.344)	1.506*** (0.328)	1.581*** (0.337)	1.597*** (0.325)
Status downgraded	1.402*** (0.463)	1.480*** (0.461)	1.461*** (0.469)	1.382*** (0.478)	0.949** (0.554)	0.973** (0.535)	0.985** (0.548)	1.062*** (0.545)
Ln(Country GDP per capita)	-0.180 (0.138)	-0.214* (0.122)	-0.157 (0.140)	-0.187 (0.126)	-0.024 (0.090)	-0.108 (0.109)	-0.029 (0.102)	-0.070 (0.095)
Ln(Country population)	0.136 (0.076)	0.084 (0.073)	0.131 (0.074)	0.132 (0.073)	0.300*** (0.073)	0.318*** (0.065)	0.325*** (0.075)	0.294*** (0.071)
Peace Year	-0.325*** (0.056)	-0.317*** (0.054)	-0.324*** (0.056)	-0.321*** (0.054)	-0.655*** (0.060)	-0.654*** (0.060)	-0.651*** (0.060)	-0.658*** (0.061)
Peace Year ²	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.023*** (0.003)	0.022*** (0.003)	0.022*** (0.003)	0.023*** (0.003)
Peace Year ²	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)
Intercept	-4.434** (1.664)	-3.466* (1.454)	-4.587** (1.686)	-4.341** (1.544)	-6.781*** (1.630)	-6.418*** (1.638)	-7.039*** (1.773)	-6.397*** (1.551)
AIC	655.769	653.282	652.645	653.955	1284.872	1290.286	1281.391	1291.718
BIC	766.029	763.541	762.905	764.215	1396.247	1401.662	1392.767	1403.094
Log Likelihood	-311.884	-310.641	-310.323	-310.978	-626.436	-629.143	-624.695	-629.859
Deviance	623.769	621.282	620.645	621.955	1252.872	1258.286	1249.391	1259.718
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793

*** $p < 0.01$; ** $p < 0.05$; * $p < 0.1$

Table A16. Heterogeneity analysis: Logistic regression results of transnational inequality conditional on access to oil fields

	DV: Conflict Onset					DV: Conflict Incidence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Transnational inequality	-0.044 (0.077)	-0.024 (0.085)	-0.071 (0.089)	-0.011 (0.092)	-0.111** (0.049)	0.000 (0.049)	-0.131** (0.058)	-0.161*** (0.059)
Access to oil fields	0.968** (0.394)	0.943** (0.479)	1.032*** (0.358)	1.045*** (0.362)	-0.260 (0.271)	-0.020 (0.258)	-0.168 (0.214)	-0.222 (0.213)
Transnational inequality × Access to oil fields	-0.071 (0.210)	0.068 (0.156)	-0.173 (0.246)	-0.170 (0.217)	-0.073 (0.132)	-0.049 (0.094)	-0.136 (0.145)	0.008 (0.127)
TEK status excluded	0.120 (0.263)	0.019 (0.262)	0.425 (0.266)	0.168 (0.263)	-0.281* (0.157)	-0.525*** (0.155)	-0.183 (0.152)	0.044 (0.163)
Horizontal inequality	-0.135 (0.150)	-0.144 (0.157)	-0.129 (0.152)	-0.147 (0.159)	-0.057 (0.110)	-0.170 (0.105)	-0.079 (0.107)	-0.092 (0.107)
Status excluded	0.756** (0.295)	0.779*** (0.293)	0.717** (0.297)	0.711** (0.296)	0.700*** (0.180)	0.775*** (0.183)	0.685*** (0.181)	0.625*** (0.183)
Previous rebellions	1.290*** (0.378)	1.354*** (0.369)	1.261*** (0.377)	1.347*** (0.368)	1.547*** (0.329)	1.512*** (0.326)	1.536*** (0.326)	1.590*** (0.325)
Status downgraded	1.401*** (0.482)	1.400*** (0.484)	1.439*** (0.484)	1.427*** (0.482)	1.000** (0.394)	0.977** (0.383)	1.027*** (0.388)	1.107*** (0.392)
Ln(Country GDP per capita)	-0.299** (0.135)	-0.317** (0.133)	-0.259* (0.139)	-0.324** (0.132)	-0.006 (0.064)	-0.073 (0.072)	0.031 (0.069)	0.009 (0.065)
Ln(Country population)	0.048 (0.104)	0.026 (0.101)	0.062 (0.103)	0.027 (0.100)	0.306*** (0.064)	0.315*** (0.063)	0.324*** (0.063)	0.296*** (0.062)
Peace Year	-0.306*** (0.062)	-0.308*** (0.062)	-0.299** (0.062)	-0.305*** (0.062)	-0.660*** (0.047)	-0.662*** (0.047)	-0.658*** (0.047)	-0.663*** (0.047)
Peace Year ²	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.023*** (0.002)	0.023*** (0.002)	0.023*** (0.002)	0.023*** (0.002)
Peace Year ²	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)
Intercept	-2.302 (2.218)	-1.737 (2.109)	-2.984 (2.240)	-1.752 (2.103)	-7.192*** (1.325)	-6.641*** (1.266)	-7.789*** (1.331)	-7.194*** (1.242)
AIC	646.561	647.236	643.503	646.384	1294.249	1292.895	1295.357	1296.404
BIC	749.930	750.604	746.871	749.753	1398.664	1397.310	1399.772	1400.819
Log Likelihood	-308.281	-308.618	-306.751	-308.192	-632.124	-631.448	-632.678	-633.202
Deviance	616.561	617.236	613.503	616.384	1264.249	1262.895	1265.357	1266.404
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793

*** $p < 0.01$; ** $p < 0.05$; * $p < 0.1$

Table A17. Heterogeneity analysis: Logistic regression results of upward and downward comparisons for ethnic conflict conditional on access to oil fields(1992-2020)

	DV: Conflict Onset					DV: Conflict Incidence		
	M1:Best	M2:Worst	M3:Median	M4:Nearest	M5:Best	M6:Worst	M7:Median	M8:Nearest
Relative poverty	0.030 (0.093)	0.105 (0.190)	0.025 (0.121)	0.008 (0.176)	-0.009 (0.066)	-0.019 (0.125)	-0.083 (0.081)	-0.088 (0.124)
Relative wealth	-0.092 (0.206)	0.015 (0.110)	-0.185 (0.240)	-0.007 (0.155)	-0.662*** (0.230)	-0.032 (0.068)	-0.718*** (0.220)	-0.465*** (0.126)
Access to oil fields	0.735** (0.316)	0.780*** (0.284)	0.679** (0.314)	0.692** (0.314)	0.630*** (0.239)	0.750*** (0.223)	0.586*** (0.232)	0.641*** (0.225)
Access to oil fields	0.735** (0.316)	0.780*** (0.284)	0.679** (0.314)	0.692** (0.314)	0.630*** (0.239)	0.750*** (0.223)	0.586*** (0.232)	0.641*** (0.225)
Relative poverty × Access to oil fields	0.045 (0.188)	0.700 (0.433)	0.030 (0.248)	-0.018 (0.222)	0.151 (0.153)	1.211** (0.320)	0.234 (0.196)	0.100 (0.172)
Relative wealth × Access to oil fields	-0.145 (0.468)	0.075 (0.164)	-0.273 (0.390)	-0.425 (0.383)	0.313 (0.333)	0.187 (0.139)	0.270 (0.358)	0.098 (0.240)
TEK status excluded	0.128 (0.251)	0.042 (0.261)	0.438 (0.234)	0.166 (0.260)	-0.286* (0.180)	-0.483*** (0.224)	-0.150 (0.190)	0.120 (0.213)
Horizontal inequality	-0.144 (0.149)	-0.106 (0.188)	-0.153 (0.157)	-0.153 (0.183)	-0.098 (0.142)	-0.125 (0.128)	-0.125 (0.143)	-0.150 (0.159)
Previous rebellions	1.291*** (0.369)	1.347*** (0.347)	1.274*** (0.360)	1.336*** (0.355)	1.645*** (0.337)	1.523*** (0.325)	1.632*** (0.337)	1.617*** (0.324)
Status downgraded	1.402*** (0.454)	1.422*** (0.463)	1.450*** (0.457)	1.417*** (0.462)	0.956** (0.555)	0.986** (0.545)	0.993** (0.549)	1.067*** (0.547)
Ln(Country GDP per capita)	-0.302** (0.176)	-0.293** (0.159)	-0.270* (0.174)	-0.335** (0.170)	-0.012 (0.090)	-0.037 (0.109)	-0.018 (0.102)	-0.058 (0.095)
Ln(Country population)	0.053 (0.075)	0.029 (0.071)	0.066 (0.072)	0.029 (0.077)	0.297*** (0.078)	0.315*** (0.069)	0.314*** (0.076)	0.305*** (0.073)
Peace Year	-0.307*** (0.058)	-0.308*** (0.056)	-0.302*** (0.057)	-0.307*** (0.058)	-0.654*** (0.059)	-0.656*** (0.060)	-0.650*** (0.060)	-0.656*** (0.061)
Peace Year ²	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.010*** (0.002)	0.023*** (0.003)	0.022*** (0.003)	0.022*** (0.003)	0.023*** (0.003)
Peace Year ²	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)	-0.000*** (0.000)
Intercept	-2.311 (1.854)	-2.045 (1.699)	-2.868 (1.848)	-1.670 (1.807)	-6.756*** (1.682)	-6.873*** (1.684)	-6.915*** (1.779)	-6.640*** (1.596)
AIC	650.459	650.466	646.872	649.859	1288.823	1290.317	1285.014	1292.714
BIC	767.610	767.617	764.023	767.010	1407.159	1408.654	1403.350	1411.051
Log Likelihood	-308.229	-308.233	-306.436	-307.930	-627.411	-628.159	-625.507	-629.357
Deviance	616.459	616.466	612.872	615.859	1254.823	1256.317	1251.014	1258.714
Num. obs.	7268	7268	7268	7268	7793	7793	7793	7793

*** $p < 0.01$; ** $p < 0.05$; * $p < 0.1$

Table A18. Robustness Check: Heterogeneity analysis of Horizontal inequality Conditional on TEK (1992-2020)

	DV: Conflict Onset			DV: Conflict Incidence		
	M1:logit	M2:fixed	M3:mixed	M4:logit	M5:fixed	M6:mixed
Horizontal inequality	-0.229*	-0.005***	-0.425*	-0.006***	-0.014***	-0.094
	(0.133)	(0.002)	(0.252)	(0.002)	(0.004)	(0.082)
Horizontal inequality × TEK(dummy)	0.076	0.005	0.206	-0.005	0.013**	-0.147
	(0.189)	(0.003)	(0.251)	(0.003)	(0.006)	(0.125)
TEK(dummy)	0.394	0.348***	0.342	-0.013***	0.239***	0.004
	(0.253)	(0.032)	(0.291)	(0.003)	(0.058)	(0.158)
Status excluded	0.750***	0.001	0.625**	0.022***	0.025***	0.476***
	(0.235)	(0.004)	(0.283)	(0.003)	(0.008)	(0.170)
Previous rebellions	1.263***	-0.123***	2.129***	0.051***	0.118***	4.551***
	(0.297)	(0.008)	(0.242)	(0.005)	(0.013)	(0.220)
Status downgraded	1.405***	0.010*	1.401***	0.028***	0.016*	1.082***
	(0.390)	(0.005)	(0.410)	(0.009)	(0.009)	(0.269)
Ln(Country GDP per capita)	-0.262***	-0.015***	-0.556***	-0.001	-0.020***	-0.382**
	(0.096)	(0.004)	(0.165)	(0.001)	(0.006)	(0.154)
Ln(Country population)	0.160**	-0.004	0.240*	0.002**	-0.077***	0.400**
	(0.063)	(0.008)	(0.129)	(0.001)	(0.014)	(0.156)
Peace Year	-0.322***			-0.040***		
	(0.048)			(0.001)		
Peace Year ²	0.010***			0.001***		
	(0.002)			(0.000)		
Peace Year ²	-0.000***			-0.000***		
	(0.000)			(0.000)		
Intercept	-4.365***	-0.089	-7.071***	0.352***	1.478***	-11.825***
	(1.391)	(0.185)	(2.490)	(0.021)	(0.324)	(2.994)
Group Fixed Effects	NO	YES	NO	NO	YES	NO
Year Fixed Effects	NO	YES	NO	NO	YES	NO
AIC	1048.761		1090.134	-9639.129		2966.151
BIC	1146.213		1187.586	-9533.225		3056.925
Log Likelihood	-511.381		-532.067	4833.565		-1471.075
Deviance	1022.761			423.417		
Num. obs.	13310	13310	13310	14251	14251	14251
R ²		0.215			0.526	
Adj. R ²		0.179			0.505	
Num. groups: countries_gwid			129			130
Num. groups: year			29			29
Var: countries_gwid (Intercept)			1.423			3.563
Var: year (Intercept)			0.417			0.304

***p < 0.01; **p < 0.05; *p < 0.1