

Comparison of Mixed Effects Models

	<i>Dependent variable:</i>				
	stancoeff				
	<i>linear</i>				
	<i>mixed-effects</i>				
	(1)	(2)	(3)	(4)	(5)
Precipitation		0.015***	0.017***	-0.067*	0.016***
variability/anomalies		(0.002)	(0.002)	(0.035)	(0.002)
Rapid-Onset event		0.014***	0.016***	0.018***	0.015***
		(0.002)	(0.002)	(0.005)	(0.002)
Temperature level change		0.017***	0.018***	0.026***	0.017***
		(0.002)	(0.002)	(0.004)	(0.002)
Temperature		0.013***	0.015***	-0.064*	0.014***
variability/anomalies		(0.002)	(0.002)	(0.035)	(0.002)
Environment-migration lag in years		-0.001	-0.00004	-0.028***	-0.0002
		(0.001)	(0.001)	(0.005)	(0.001)
Measurement timeframe > 1 year		-0.011***	-0.016***	-0.103***	-0.016***
		(0.003)	(0.004)	(0.035)	(0.004)
Other environmental factors controlled for in original model		-0.003	-0.002	-0.006	-0.002
		(0.002)	(0.002)	(0.010)	(0.002)
Internal migration		0.006***	0.007***	-0.087***	0.006***
		(0.002)	(0.002)	(0.032)	(0.002)
International, destination only low/middle-income countries		0.057***	0.048***	-0.029	0.049***
		(0.009)	(0.010)	(0.037)	(0.010)
International, destination only high-income countries		0.020**	0.017*	-0.004	0.019*
		(0.010)	(0.010)	(0.037)	(0.011)
International, destination ambiguous		0.008	0.008	-0.034	0.009
		(0.014)	(0.015)	(0.042)	(0.015)
% Asian countries in sample			-0.025	-0.311*	-0.032
			(0.020)	(0.180)	(0.021)
% Latin American/Caribbean countries in sample			-0.005	-0.070	-0.009
			(0.015)	(0.120)	(0.012)
% Middle Eastern/North African countries in sample			-0.022	-0.278*	-0.039**
			(0.016)	(0.145)	(0.016)
% Sub-Saharan African countries in sample			-0.012	-0.375***	-0.011
			(0.019)	(0.126)	(0.020)
Agricultural Dependence x Conflict					-0.126
					(0.208)
Low-income Countries x Agricultural Dependence					0.053
					(0.073)

Low-income Countries x Conflict					-0.002 (0.161)
Low-income Countries x Agricultural Dependence x Conflict					-0.029 (0.142)
% low-income countries in sample	-0.097*** (0.011)	-0.073*** (0.011)	-0.045 (0.038)	1.068*** (0.289)	-0.103 (0.093)
% low/middle-income countries in sample	0.016*** (0.005)	0.014*** (0.005)	0.017 (0.013)	0.279 (0.289)	0.0005 (0.015)
% upper/middle-income countries in sample	0.046*** (0.007)	0.044*** (0.007)	0.159*** (0.052)	0.158 (0.442)	0.120** (0.049)
% agriculturally dependent countries in sample	0.130*** (0.013)	0.103*** (0.013)	0.093*** (0.014)	-1.041*** (0.170)	0.139 (0.100)
% conflict countries in sample	-0.022*** (0.007)	-0.023*** (0.006)	0.055 (0.042)	0.547*** (0.200)	0.138** (0.061)
Intercept	0.010 (0.015)	-0.036** (0.017)	-0.081*** (0.024)	-0.121 (0.295)	-0.078*** (0.024)
Observations	1,803	1,803	1,803	471	1,803
Log Likelihood	2,294.905	2,321.092	2,318.920	357.003	2,313.200
Akaike Inf. Crit.	-4,561.809	-4,592.184	-4,577.841	-656.006	-4,558.400
Bayesian Inf. Crit.	-4,484.848	-4,454.753	-4,412.925	-535.515	-4,371.495

Note:

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