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# Sampling bias in climate–conflict research

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Supplementary Information for  
**Sampling Bias in Climate-Conflict Research**

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**Overview:**

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## Supplementary Table 1: Descriptive Statistics

	Obs	Mean	StDev	Min	Median	Max
Number of mentions	183	1.033	1.878	0	0	11
Battle-related deaths > 1000	183	0.344	0.476	0	0	1
High exposure (above average)	183	0.546	0.499	0	1	1
High vulnerability (above average)	179	0.419	0.495	0	0	1
Low CRI (above average risk)	180	0.544	0.499	0	1	1
Agriculture > 25% of GDP	174	0.172	0.379	0	0	1
Agri. > 25% of employment	174	0.454	0.499	0	0	1
Former British colony	183	0.328	0.471	0	0	1
English speaking country	183	0.306	0.462	0	0	1
Large population (above average)	183	0.180	0.386	0	0	1
African country	183	0.290	0.455	0	0	1
Asian country	183	0.224	0.418	0	0	1

## Supplementary Table 2: Correlations

	Battle-related deaths > 1000	High exposure	High vulnerability	Low CRI (high risk)	Agriculture > 25% of GDP	Agri. > 25% of employment	Former British colony	English speaking country	Large population	African country	Asian country
Number of mentions	0.509	0.092	0.257	-0.119	0.282	0.231	0.205	0.102	0.371	0.304	0.173
Battle-related deaths > 1000	1	0.175	0.228	0.019	0.245	0.322	0.008	-0.082	0.318	0.273	0.162
High exposure	0.175	1	0.540	-0.053	0.334	0.422	0.215	0.248	-0.087	0.364	-0.011
High vulnerability	0.228	0.540	1	-0.062	0.549	0.628	0.162	0.230	-0.112	0.541	-0.005
Low CRI (high risk)	0.019	-0.053	-0.062	1	0.036	0.003	-0.087	0.012	0.260	-0.328	-0.033
Agriculture > 25% of GDP	0.245	0.334	0.549	0.036	1	0.474	0	0.181	0.012	0.441	-0.120
Agri. > 25% of employment	0.322	0.422	0.628	0.003	0.474	1	-0.002	0.095	0.030	0.464	0.065
Former British colony	0.008	0.215	0.162	-0.087	0	-0.002	1	0.648	0.036	0.067	0.043
English speaking country	-0.082	0.248	0.230	0.012	0.181	0.095	0.648	1	-0.003	0.177	-0.243
Large population	0.318	-0.087	-0.112	0.260	0.012	0.030	0.036	-0.003	1	-0.049	0.191
African country	0.273	0.364	0.541	-0.328	0.441	0.464	0.067	0.177	-0.049	1	-0.343

**Supplementary Table 3: Poisson Regression**

	(1)	(2)	(3)	(4)	(5)	(6)
Intercept	-1.761 (0.328)**	-1.739 (0.339)**	-1.817 (0.329)**	-1.837 (0.338)**	-1.744 (0.335)**	-1.031 (0.315)**
Battle-related deaths > 1000	1.074 (0.215)**	1.034 (0.218)**	1.141 (0.219)**	1.013 (0.214)**	1.051 (0.224)**	1.247 (0.244)**
High exposure	-0.439 (0.198)*	-0.331 (0.216)			-0.298 (0.259)	-0.008 (0.208)
High vulnerability				-0.055 (0.251)		
Low CRI (high risk)	-0.404 (0.201)*	-0.427 (0.203)*	-0.313 (0.233)	-0.368 (0.216) <sup>†</sup>	-0.381 (0.227) <sup>†</sup>	-0.172 (0.239)
Agriculture > 25% of GDP	0.465 (0.195)*	0.442 (0.207)*		0.429 (0.214)*	0.333 (0.229)	0.623 (0.2110)**
Agri. > 25% of employment			-0.016 (0.241)			
Former British colony	0.452 (0.174)**		0.507 (0.175)**	0.362 (0.172)*	0.362 (0.216) <sup>†</sup>	0.384 (0.197) <sup>†</sup>
English speaking country		0.279 (0.212)				
Large population	0.963 (0.168)**	1.056 (0.186)**	0.815 (0.179)**	1.007 (0.170)**	0.878 (0.192)**	1.151 (0.183)**
African country	1.439 (0.345)**	1.430 (0.351)**	1.342 (0.381)**	1.288 (0.390)**	1.388 (0.355)**	
Asian country	1.100 (0.376)**	1.132 (0.390)**	1.084 (0.342)**	1 (0.383)**	1.133 (0.386)**	
Number of observations	172	172	171	168	170	50
Log likelihood	-173.04	-175.20	-189.76	-174.81	-167.91	-68.93

Robust standard errors in parentheses. Significance codes: \*\* p<0.01, \* p<0.05, <sup>†</sup> p<0.1.  
 DV = Number of times a country is mentioned in the climate-conflict literature

## Supplementary Dataset 1: Full Hit Lists of the Continents, World Regions and Countries Mentioned

Continent	Hits	%
Africa	77	53%
Asia	45	31%
Europe	7	5%
South America	6	4%
Arctic	5	3%
North America	5	3%
Oceania	1	1%

World region	Hits	%
Sub-Sahara Africa	44	29%
Middle East	22	14%
Sahel	22	14%
North Africa	13	9%
South Asia	12	8%
Central Asia	8	5%
Arctic	6	4%
South America	6	4%
Mediterranean	4	3%
Southeast Asia	4	3%
Central America	3	2%
China	2	1%
Europe	2	1%
North America	2	1%
Oceania	1	1%

<b>Country</b>	<b>Hits</b>	<b>%</b>
Kenya	11	6%
Sudan	11	6%
Egypt	8	4%
India	7	4%
Nigeria	7	4%
Syria	7	4%
Israel	6	3%
Ethiopia	5	3%
Iraq	5	3%
Palestine	5	3%
South Sudan	5	3%
Iran	4	2%
Turkey	4	2%
Uganda	4	2%
USA	4	2%
Uzbekistan	4	2%
Burundi	3	2%
Cameroon	3	2%
Chad	3	2%
China	3	2%
DR Congo	3	2%
Jordan	3	2%
Mali	3	2%
Niger	3	2%
Russia	3	2%
Rwanda	3	2%
Tajikistan	3	2%
Tanzania	3	2%
Angola	2	1%
Burkina Faso	2	1%
Canada	2	1%
Costa Rica	2	1%
Eritrea	2	1%
Kuwait	2	1%
Kyrgyzstan	2	1%
Mozambique	2	1%
Pakistan	2	1%
Peru	2	1%
Saudi Arabia	2	1%
Zambia	2	1%
Afghanistan	1	1%
Algeria	1	1%
Bahrain	1	1%
Bahrain	1	1%

Bangladesh	1	1%
Benin	1	1%
Botswana	1	1%
Brazil	1	1%
Cambodia	1	1%
Central African Republic	1	1%
Côte d'Ivoire	1	1%
Ghana	1	1%
Guinea	1	1%
Indonesia	1	1%
Kazakhstan	1	1%
Laos	1	1%
Libya	1	1%
Malaysia	1	1%
Mauritania	1	1%
Mexico	1	1%
Morocco	1	1%
Myanmar	1	1%
Namibia	1	1%
Norway	1	1%
Oman	1	1%
Papua New Guinea	1	1%
Qatar	1	1%
Republic of the Congo	1	1%
Samoa	1	1%
Senegal	1	1%
Somalia	1	1%
South Africa	1	1%
Sri Lanka	1	1%
Thailand	1	1%
Tunisia	1	1%
Turkmenistan	1	1%
United Arab Emirates	1	1%
Vietnam	1	1%
Zimbabwe	1	1%
Null	47	N/A



## Supplementary Dataset 2: Full List of Articles Included in the Final Sample

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