

Supplement

Poverty and Witch Killing

This supplement serves as a supplement to the published paper *Poverty and Witch Killing* Edward Miguel (2005). It outlines minor discrepancies found in data replication which do not, as a whole, affect the reported data analysis published in the paper.

The data replication generated minor discrepancies in **Table 1: Descriptive Statistics**. The discrepancies are highlighted in Table 1 (Original), below, and the numbers generated from the tz_witch-FINAL.do file are listed in Table 1 (Adjusted) underneath. These discrepancies do not impact the reported data analysis in the paper.

Table 1 (Original)
Descriptive Statistics

	Mean	Std dev.	Obs.
<i>Panel A: Crimes per village-year (Village Council Data)</i>			
Witch murders	0.09	0.33	736
Witch murders per 1000 households	0.23	0.87	736
Witch murders and attacks	0.20	0.57	736
Witch murders and attacks per 1000 households	0.47	1.56	736
Non-witch murders	0.11	0.41	736
Non-witch murders per 1000 households	0.23	1.01	736
Total murders	0.20	0.53	736
Total murders per 1000 households	0.45	1.53	736
<i>Panel B: Natural calamities per village-year (Village Council Data)</i>			
Extreme rainfall (drought or flood)	0.18	0.38	736
Extreme rainfall, current year and previous year	0.08	0.27	736
Drought	0.13	0.43	736
Flood	0.06	0.23	736
Famine	0.18	0.38	736
Human disease epidemic (e.g. cholera, diarrhea, measles)	0.15	0.36	736
Livestock disease epidemic	0.01	0.08	736
<i>Panel C: Village characteristics (Village Council and Household Survey Data)</i>			
Annual <i>per capita</i> consumption expenditures (U.S. \$)	196.8	81.1	736
Average years of education	4.0	1.1	736
Proportion Sukuma ethnic group	0.91	0.16	736
Proportion households grow cash crops	0.62	0.22	736
Households per village	409.2	176.4	736
Proportion practice traditional religions	0.64	0.21	736
Women's community groups per household	0.0035	0.0045	736

Table 1 (Adjusted)
Descriptive Statistics

	Mean	Std dev.	Obs.
<i>Panel A: Crimes per village-year (Village Council Data)</i>			
Witch murders	0.09	0.32	736
Witch murders per 1000 households	0.27	1.06	736

Witch murders and attacks	0.19	0.57	736
Witch murders and attacks per 1000 households	0.56	1.86	736
Non-witch murders	0.09	0.40	736
Non-witch murders per 1000 households	0.23	1.13	736
Total murders	0.18	0.52	736
Total murders per 1000 households	0.50	1.56	736

Panel B: Natural calamities per village-year (Village Council Data)

Extreme rainfall (drought or flood)	0.18	0.38	736
Extreme rainfall, current year and previous year	0.08	0.27	736
Drought	0.13	0.43	736
Flood	0.06	0.23	736
Famine	0.18	0.38	736
Human disease epidemic (<i>e.g.</i> cholera, diarrhea, measles)	0.15	0.36	736
Livestock disease epidemic	0.01	0.10	736

Panel C: Village characteristics

(Village Council and Household Survey Data)

Annual <i>per capita</i> consumption expenditures (U.S. \$)	194.0	78.1	736
Average years of education	4.0	1.1	736
Proportion Sukuma ethnic group	0.89	0.17	736
Proportion households grow cash crops	0.61	0.24	736
Households per village	404.5	179.4	736
Proportion practice traditional religions	0.65	0.21	736
Women's community groups per household	0.0041	0.0048	736

The data replication generated one minor discrepancy in **Table 2: Witch murder victim characteristics**. The data generated from the tz_witch-FINAL.do did not produce a value for the month of October under *Panel C: Timing of witch murders, "Post-harvest season (August-January)"*. This discrepancy does not impact the reported data analysis in the paper.

Table 4 (Original)
Extreme rainfall and witch murders

Explanatory Variable	Dependent variable: <i>witch murders</i>				
	OLS (1)	OLS (2)	OLS (3)	OLS (4)	OLS (5)
Extreme rainfall (drought or flood)	0.085** (0.042)	0.076** (0.037)	0.098 (0.059)	0.085** (0.042)	0.056 (0.038)
Extreme rainfall, previous year			-0.000 (0.042)		
Extreme rainfall, current year and previous year			-0.032 (0.080)		
Human disease epidemic				-0.006 (0.036)	
Village fixed effects (67 villages)	Yes	No	Yes	Yes	Yes
Socio-economic controls, and geographic division fixed effects	No	Yes	No	No	No
Year fixed effects (11 years)	No	No	No	No	Yes
R^2	0.15	0.05	0.16	0.15	0.19

Root MSE	0.32	0.32	0.31	0.32	0.31
Mean of dependent variable	0.09	0.09	0.09	0.09	0.09
Number of observations	736	736	736	736	736

The data replication generated minor discrepancies in **Table 4: *Extreme rainfall and witch murders***. The discrepancies are highlighted in Table 4 (Original), below, and the numbers generated from the tz_witch-FINAL.do file are listed in Table 4 (Adjusted) underneath. These discrepancies do not impact the reported data analysis in the paper.

Table 4 (Adjusted)
Extreme rainfall and witch murders

Explanatory Variable	Dependent variable: <i>witch murders</i>				
	OLS (1)	OLS (2)	OLS (3)	OLS (4)	OLS (5)
Extreme rainfall (drought or flood)	0.085** (0.042)	0.076** (0.037)	0.096 (0.058)	0.085** (0.042)	0.056 (0.038)
Extreme rainfall, previous year			0.015 (0.044)		
Extreme rainfall, current year and previous year			-0.038 (0.077)		
Human disease epidemic				-0.006 (0.036)	
Village fixed effects (67 villages)	Yes	No	Yes	Yes	Yes
Socio-economic controls, and geographic division fixed effects	No	Yes	No	No	No
Year fixed effects (11 years)	No	No	No	No	Yes
R^2	0.15	0.05	0.15	0.15	0.19
Root MSE	0.32	0.32	0.32	0.32	0.31
Mean of dependent variable	0.09	0.09	0.09	0.09	0.09
Number of observations	736	736	736	736	736

The data replication generated minor discrepancies in **Table 5: *Extreme rainfall and violent crime***. The discrepancies are highlighted in Table 5 (Original), below, and the numbers generated from the tz_witch-FINAL.do file are listed in Table 5 (Adjusted) underneath. These discrepancies do not impact the reported data analysis in the paper.

Table 5 (Original)
Extreme rainfall and violent crime

Dependent Variable	Coefficient estimate on extreme rainfall (drought or flood)	R^2	Root MSE
<i>Panel A: Witch murders and attacks</i>			
(1) Witch murders	0.085** (0.042)	0.15	0.32
(2) Witch murders per 1000 households	0.173* (0.094)	0.16	0.84
(3) Witch murders and attacks	0.144* (0.082)	0.11	0.56
(4) Witch murders and attacks per 1000 households	0.206 (0.162)	0.11	1.56

<i>Panel B: Non-witch murders</i>			
(5) Non-witch murders	-0.001 (0.036)	0.11	0.41
(6) Non-witch murders per 1000 households	-0.01 (0.08)	0.14	0.99
<i>Panel C: Total murders</i>			
(7) Total murders	0.100 (0.068)	0.13	0.54
(8) Total murders per 1000 households	0.125	0.12	1.33

Table 5 (Adjusted)
Extreme rainfall and violent crime

Dependent Variable	Coefficient estimate on extreme rainfall (drought or flood)	R ²	Root MSE
<i>Panel A: Witch murders and attacks</i>			
(1) Witch murders	0.085** (0.042)	0.15	0.32
(2) Witch murders per 1000 households	0.173* (0.094)	0.16	0.84
(3) Witch murders and attacks	0.144* (0.082)	0.11	0.56
(4) Witch murders and attacks per 1000 households	0.206 (0.162)	0.11	1.60
<i>Panel B: Non-witch murders</i>			
(5) Non-witch murders	-0.001 (0.036)	0.11	0.41
(6) Non-witch murders per 1000 households	-0.05 (0.08)	0.13	1.00
<i>Panel C: Total murders</i>			
(7) Total murders	0.083 (0.058)	0.12	0.52
(8) Total murders per 1000 households	0.125	0.12	1.33