Online Appendix

Appendix 1: Comparisons of Governorate-level Event Distributions

The figures below plot the governorate-level event distributions for all the datasets analyzed in the paper: the first figure compares my dataset to SCAD and ACLED, the second figure compares it to Demometer, and the third figure compares it to ECESR. The tables are ordered by the urbanization level of each governorate; Cairo is the first governorate, with 100% urban population. The next columns then represent the distribution of events in each dataset across these governorates.[1] The final column(s) show the difference in these proportions between my data and the other datasets, with color codings to help highlight the areas of greatest difference.

[1] SCAD does not code governorate location explicitly, so I hand-coded the governorate location of their events based on the information in their ilocal variable, which describes the location. I was able to assign all but 12% of their events to governorates (which are excluded from the distributions in Figure 3).

Figure A1: Distribution of Events by Governorate (Author data, ACLED, and SCAD)

Governorate name	*Urban-ization*	Author data %	ACLED %	SCAD %	Difference (vs ACLED)	Difference (vs SCAD)
Cairo	*100%*	27%	42%	53%	15%	26%
Port Said	*100%*	3%	4%	4%	1%	1%
Suez	*100%*	3%	4%	3%	1%	0%
Alexandria	*99%*	6%	10%	11%	4%	4%
Red Sea	*96%*	2%	0%	0%	-2%	-1%
Matrouh	*70%*	1%	0%	1%	0%	0%
North Sinai	*60%*	1%	4%	3%	2%	1%
Giza	*59%*	6%	4%	2%	-2%	-5%
South Sinai	*51%*	1%	1%	1%	0%	0%
New Valley	*48%*	1%	0%	2%	-1%	1%
Luxor	*48%*	1%	1%	1%	0%	0%
Ismailia	*45%*	3%	1%	2%	-1%	-1%
Kalyoubia	*45%*	3%	2%	0%	-1%	-3%
Aswan	*42%*	1%	2%	0%	1%	-1%
Damietta	*39%*	3%	2%	1%	-1%	-3%
Gharbia	*30%*	6%	5%	3%	-1%	-3%
Dakahlia	*28%*	6%	3%	2%	-3%	-4%
Assiut	*26%*	3%	2%	3%	-1%	0%
Beni Suef	*23%*	2%	1%	2%	-1%	-1%
Sharkia	*23%*	3%	2%	2%	0%	-1%
Kafr El-Sheikh	*23%*	3%	2%	1%	-1%	-2%
Fayoum	*23%*	1%	1%	1%	0%	0%
Suhag	*21%*	1%	1%	0%	-1%	-1%
Qena	*21%*	2%	1%	1%	-1%	-1%
Menoufia	*20%*	3%	1%	2%	-2%	-1%
Beheira	*19%*	3%	2%	1%	-1%	-1%
Menia	*19%*	5%	1%	1%	-4%	-4%

Figure A2: Distribution of Events by Governorate (Author data and Demometer)

Governorate name	*Urbanization*	Author %	Author & Demometer %	Difference
Cairo	*100%*	19%	14%	5%
Port Said	*100%*	3%	3%	0%
Suez	*100%*	4%	4%	0%
Alexandria	*99%*	4%	5%	-1%
Red Sea	*96%*	2%	2%	0%
Matrouh	*70%*	2%	1%	1%
North Sinai	*60%*	3%	3%	1%
Giza	*59%*	6%	4%	1%
South Sinai	*51%*	0%	0%	0%
New Valley	*48%*	1%	1%	0%
Luxor	*48%*	2%	3%	-1%
Ismailia	*45%*	3%	3%	-1%
Kalyoubia	*45%*	3%	2%	0%
Aswan	*42%*	1%	2%	-1%
Damietta	*39%*	8%	6%	1%
Gharbia	*30%*	8%	10%	-2%
Dakahlia	*28%*	6%	5%	1%
Assiut	*26%*	1%	2%	-1%
Beni Suef	*23%*	2%	2%	0%
Sharkia	*23%*	5%	7%	-2%
Kafr El-Sheikh	*23%*	1%	2%	-1%
Fayoum	*23%*	3%	4%	-1%
Suhag	*21%*	0%	0%	0%
Qena	*21%*	2%	1%	1%
Menoufia	*20%*	2%	2%	0%
Beheira	*19%*	4%	5%	-1%
Menia	*19%*	8%	7%	2%

Figure A3: Distribution of Events by Governorate (Author data and ECESR)

Governorate name	*Urbanization*	Author %	ECESR %	Difference
Cairo	*100%*	20%	14%	6%
Port Said	*100%*	1%	2%	-1%
Suez	*100%*	4%	5%	-2%
Alexandria	*99%*	6%	6%	0%
Red Sea	*96%*	2%	2%	0%
Matrouh	*70%*	0%	1%	-1%
North Sinai	*60%*	2%	3%	-2%
Giza	*59%*	6%	4%	2%
South Sinai	*51%*	1%	2%	0%
New Valley	*48%*	1%	2%	-1%
Luxor	*48%*	1%	3%	-2%
Ismailia	*45%*	5%	4%	1%
Kalyoubia	*45%*	4%	3%	1%
Aswan	*42%*	1%	3%	-2%
Damietta	*39%*	3%	2%	1%
Gharbia	*30%*	6%	5%	1%
Dakahlia	*28%*	5%	4%	1%
Assiut	*26%*	2%	4%	-2%
Beni Suef	*23%*	2%	3%	-1%
Sharkia	*23%*	2%	5%	-3%
Kafr El-Sheikh	*23%*	6%	5%	0%
Fayoum	*23%*	1%	3%	-1%
Suhag	*21%*	4%	2%	2%
Qena	*21%*	2%	3%	-1%
Menoufia	*20%*	4%	3%	2%
Beheira	*19%*	2%	3%	-1%
Menia	*19%*	8%	5%	2%

Appendix 2: Distributions from Demometer Events

Below I include versions of Figures 8-10 and Figure A.2 above, which compare my dataset against events in the Demometer dataset. In these figures I compared distributions of event types in my datasets to the distributions when the missed events from Demometer were included. These figures essentially show what the distributions *would* look like if the events missed by *al-Masry al-Youm* were included in my dataset. However, for transparency, here I represent these comparisons differently. I compare the distributions in my data to the distributions in *only* the missed events form Demometer.

Figure A4: Distribution of Events by Governorate (Author data and Demometer)

Governorate name	*Urbanization*	Author %	Demometer %	Difference
Cairo	*100%*	19%	5%	14%
Port Said	*100%*	3%	3%	1%
Suez	*100%*	4%	5%	-1%
Alexandria	*99%*	4%	8%	-4%
Red Sea	*96%*	2%	1%	1%
Matrouh	*70%*	2%	0%	2%
North Sinai	*60%*	3%	1%	2%
Giza	*59%*	6%	1%	4%
South Sinai	*51%*	0%	0%	0%
New Valley	*48%*	1%	0%	1%
Luxor	*48%*	2%	4%	-2%
Ismailia	*45%*	3%	5%	-2%
Kalyoubia	*45%*	3%	1%	1%
Aswan	*42%*	1%	4%	-3%
Damietta	*39%*	8%	4%	4%
Gharbia	*30%*	8%	15%	-7%
Dakahlia	*28%*	6%	3%	4%
Assiut	*26%*	1%	5%	-4%
Beni Suef	*23%*	2%	1%	1%
Sharkia	*23%*	5%	11%	-6%
Kafr El-Sheikh	*23%*	1%	4%	-3%
Fayoum	*23%*	3%	6%	-4%
Suhag	*21%*	0%	1%	-1%
Qena	*21%*	2%	0%	2%
Menoufia	*20%*	2%	3%	-1%
Beheira	*19%*	4%	6%	-2%
Menia	*19%*	8%	4%	4%

Figure A5: Distribution of Events by Number of Participants (Author data and Demometer)

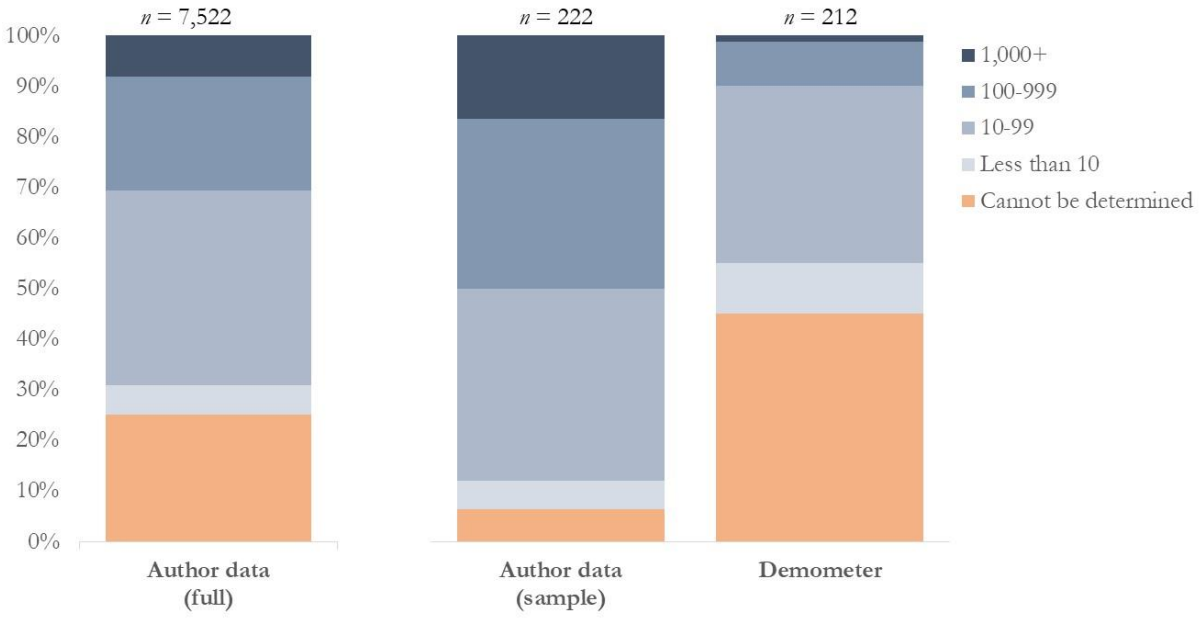


Figure A6: Distribution of Events by Repression Level (Author data and Demometer)

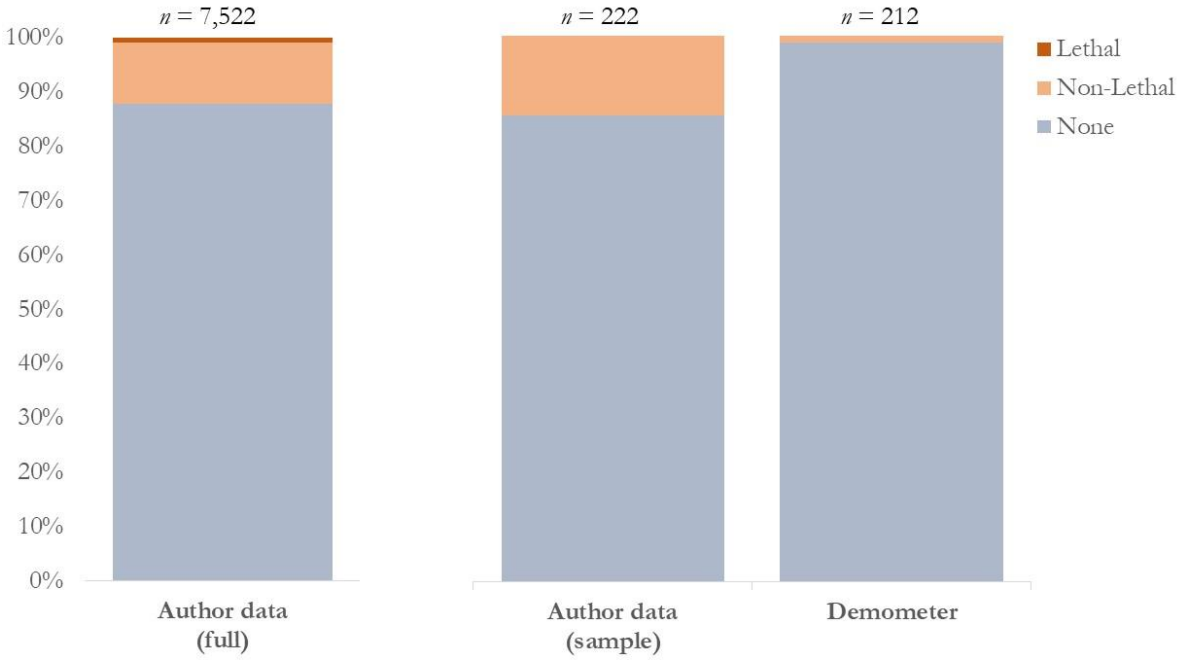
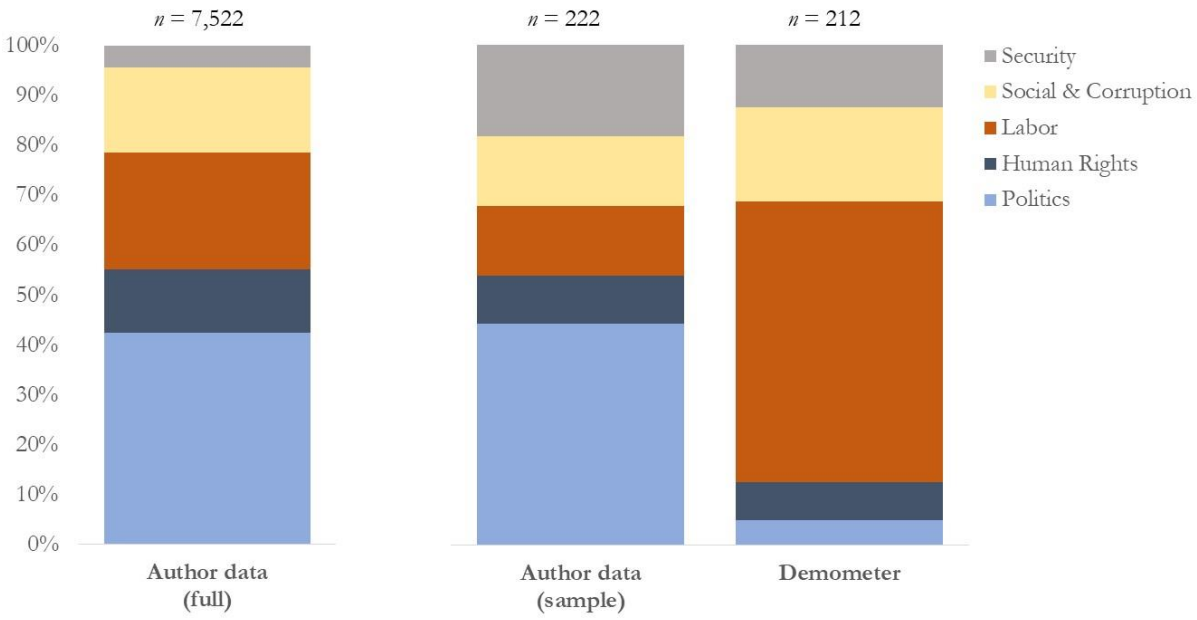


Figure A7: Distribution of Events by Demand Type (Author data and Demometer)



Appendix 3: Regression Tables

Below are the regression tables from the repression analysis in Section VII. Analyses were run using standard logistic regressions on each of the two dataset – mine and SCAD's.

Table A1: Likelihood of Protest Repression, Author versus SCAD data (Logistic Regression)

	Dependent variable: repression	
	SCAD data	Author data
Tactic = Riot	0.662**	2.538***
	(0.289)	(0.106)
Tactic = Strike	-1.694**	-1.621***
	(0.663)	(0.270)
Demand = Labor	-1.154*	-0.882***
	(0.660)	(0.127)
Demand = Religious	-0.061	0.163
	(0.379)	(0.306)
Demand = Security	0.565	-1.043***
	(0.405)	(0.255)
Demand = Social/Corruption	0.320	-0.838***
	(0.626)	(0.135)
Demand = Other	-0.459	-0.114
	(0.341)	(0.326)
Urban	0.882**	0.070
	(0.352)	(0.107)
Cairo	-1.019***	0.374***
	(0.217)	(0.090)
Size = 100-999	-0.391	-0.574***
	(0.287)	(0.139)
Size = 10-99	-0.548	-0.933***
	(0.429)	(0.133)
Size = Less than 10	-0.109	-1.210***
	(0.591)	(0.204)
Size = Unknown	-1.003***	-0.313**
	(0.290)	(0.136)
Constant	-0.719*	-1.506***
	(0.372)	(0.139)
Observations	572	7,226
Log Likelihood	-311.800	-2,226.441
Akaike Inf. Crit.	651.600	4,480.882
Note:		*p<0.1**p<0.05***p<0.01