Codebooks for replication files: Seeing What Citizens Miss

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A. Codebook for main.csv

Variable	Variable Description	Value Labels
zone	Unique indicator of location	Alpha-numeric
dept	Department of the zone	Alpha
date	Whether the data was collected on election day or afterwards	1=election day 2= after the election period
Treat_all	Treatment assigned to zone	Crowd=citizen Crowd_monitor =Citizen + monitor
Violence_any_dummy	Indicator variable for any violence reported	0=No 1=Yes
Protest	Count of reports of protest (demonstrations, marches, and riots)	Numeric
Physical	Count of reports of physical violence (direct attacks, including killings, disappearances, and property damage)	Numeric
Verbal	Count of reports of verbal harassment (threats, insults, or intimidation without physical force)	Numeric
Election_violence	Count of reports of election related violence (acts that disrupt the electoral process like blocking access to polling places and destroying ballots and voter IDs)	Numeric
Physical_dummy	Indicator variable for any reports of physical violence	0=No 1=Yes
Verbal_dummy	Indicator variable for any reports of verbal harassment	0=No 1=Yes
Protest_dummy	Indicator variable for any reports of protest	0=No 1=Yes
Election_violence_dummy	Indicator variable for any reports of electoral violence	0=No 1=Yes
Any_firsthand	Indicator variable for any firsthand reports of violence (individuals who directly observed or experienced the event)	0=No 1=Yes
Any_verbal_witness	Indicator variable for any firsthand reports of verbal harassment	0=No 1=Yes
Any_physical_witness	Indicator variable for any firsthand reports of physical violence	0=No 1=Yes
Any_protest_witness	Indicator variable for any firsthand reports of protest	0=No 1=Yes
Violence_any_citizen	Indicator variable for any violence reported by citizens	0=No 1=Yes

Variable	Variable Description	Value Labels
Protest_citizen_dummy	Indicator variable for any protest reported by citizens	0=No 1=Yes
Verbal_citizen_dummy	Indicator variable for any verbal harassment reported by citizens	0=No 1=Yes
Physical_citizen_dummy	Indicator variable for any physical violence reported by citizens	0=No 1=Yes
Election_violence_citizen_dummy	Indicator variable for any electoral violence reported by citizens	0=No 1=Yes
Violence_any_monitor	Indicator variable for any violence reported by monitors	0=No 1=Yes
Protest_monitor_dummy	Indicator variable for any protest reported by monitors	0=No 1=Yes
Verbal_monitor_dummy	Indicator variable for any verbal harassment reported by monitors	0=No 1=Yes
Physical_monitor_dummy	Indicator variable for any physical violence reported by monitors	0=No 1=Yes
Election_violence_monitor_dummy	Indicator variable for any electoral violence reported by monitors	0=No 1=Yes
Verbal_witness_citizen	Indicator variable for any firsthand reports of verbal harassment by citizens	0=No 1=Yes
Protest_witness_citizen	Indicator variable for any firsthand reports of protest by citizens	0=No 1=Yes
Physical_witness_citizen	Indicator variable for any firsthand reports of physical violence by citizens	0=No 1=Yes
Verbal_witness_monitor	Indicator variable for any firsthand reports of verbal harassment by monitors	0=No 1=Yes
Protest_witness_monitor	Indicator variable for any firsthand reports of protest by monitors	0=No 1=Yes
Physical_witness_monitor	Indicator variable for any firsthand reports of physical violence by monitors	0=No 1=Yes
Cit_0	Indicator variable for 0 reports of violence by citizens	0=No 1=Yes
Total_reports	Count of all violence reports	Numeric
Violence_any_share	Share of all possible reporters reporting any violence	Numeric
Total_citizen	Count of all violence reports reported by citizens	Numeric
C_violence_any_dummy	Indicator variable for any reports of violence by citizens	0=No 1=Yes
C_violence_any_share	Share of all possible citizens reporting any violence	
Total_monitor	Count of all violence reports reported by monitors	Numeric

Variable	Variable Description	Value Labels
M_violence_any_dummy	Indicator variable for any violence reported by monitors	0=No 1=Yes
M_violence_any_share	Share of monitors reporting violence	Numeric

B. Codebook for location_lvl_data.csv

This table contains the names, descriptions and labels for all variables in the balance.csv dataset. This dataset includes information collected by the survey supervisors for each locality collected at baseline.

Variable	Variable Description	Value Labels
zone	Unique indicator of location	Alpha-numeric
dept	Department of the zone	Alpha
long	Longitude	Numeric
lat	Latitude	Numeric
electricity	Indicator variable for presence of electricity in locality	0=No 1=Yes
cellphone	Indicator variable for mobile network coverage in locality	0=No 1=Yes
paved	Indicator variable for main road paved in locality	0=No 1=Yes
high_school	Indicator variable for presence of high school in locality	0=No 1=Yes
pop1000	Indicator variable for population greater than 1000 in locality	0=No 1=Yes
treat_all	Treatment assigned to zone	Crowd=citizen Crowd_monitor=Citizen + monitor
any_physical2	Categorical variable whether physical violence was reported; this is used for mapping purposes in the appendix	no physical violence reported; physical violence reported

C. Codebook for Citizens_Baseline.csv and D. Monitors_Baseline.csv

This table contains the names, descriptions, and labels for all variables for the datasets. The first 34 variables in both datasets are the same. Additional variables unique to the Monitors dataset are below.

Note: for all variables, NA indicates refusal to respond or "I don't know" responses, or missingness.

Variable	Variable Description	Value Labels
ResponseId	Unique identifier for respondent	Numeric
rural	Respondent resides in a rural location	0=no 1=yes
female	Whether respondent is female	0=female 1=male
age	Age of respondent	Numeric
asset_index	An additive index of whether the respondent owns a radio, television, or car/motorcycle, divided by three	Numeric
water	Over the past year you or anyone in your family has gone at least once: **without enough clean water for home use?**	0=no 1=yes
cash	Over the past year you or anyone in your family has gone at least once: **without a cash income?**	0=no 1=yes
food	Over the past year you or anyone in your family has gone at least once: **without enough food to eat?**	0=no 1=yes
meds	Over the past year you or anyone in your family has gone at least once: **without medical treatment?**	0=no 1=yes
edu	Education level of respondent	No formal schooling (0) Informal schooling only (including Koranic schooling) (1) Some primary schooling (2) Primary school completed (3)

Variable	Variable Description	Value Labels
		Some secondary school / high school (4) Secondary school / high school completed (5) Post-secondary qualifications, other than university e.g. a diploma or degree from a polytechnic or college (6) Some university (7) University completed (8) Post-graduate (9)
vote2015	Voted in 2015 elections	0=no 1=yes
vote_plan	Plan to vote in the upcoming elections	0=no 1=yes
vote_gov	If elections were held tomorrow, would respondent vote for the governing parties	0=no 1=yes
pid_opp	Does the respondent feel close to the opposition parties?	0=no 1=yes
no_pid_no_vote	Declined to respond to either the PID question and the vote choice question	0=no 1=yes
news_radio	Main source of news is the radio	0=no 1=yes
news_tv	Main source of news is the TV	0=no 1=yes
news_newspaper	Main source of news is the newspaper	0=no 1=yes
news_socialmedia	Main source of news is the social media	0=no 1=yes
news_internet	Main source of news is the internet	0=no 1=yes
protest	Since August 2020, did the respondent experience, see, or hear about activities related to upcoming election: protests	0=no 1=yes
verbal	Since August 2020, did the respondent experience, see, or hear about activities related to upcoming election: verbal harassment or threats	0=no 1=yes
physical	Since August 2020, did the respondent experience, see, or hear about activities	0=no 1=yes

Variable	Variable Description	Value Labels
	related to upcoming election: physical violence between people	
killings	Since August 2020, did the respondent experience, see, or hear about activities related to upcoming election: killing or disappearances	0=no 1=yes
damage	Since August 2020, did the respondent experience, see, or hear about activities related to upcoming election: property damage	0=no 1=yes
violence_index	An index of the sum of protest:damage divided by 5	Numeric
unemployed	Currently does not have a job or an occupation	0=no 1=yes
akan	Whether respondent is from Akan language group	0=no 1=yes
krou	Whether respondent is from Krou language group	0=no 1=yes
nmande	Whether respondent is from North Mandé languge group	0=no 1=yes
smande	Whether respondent is from South Mandé language group	0=no 1=yes
voltaique	Whether respondent is from Voltaïque language group	0=no 1=yes
no_ethnicity	Ethnicity not indicated	0=no 1=yes
muslim	Whether respondent identifies as Muslim	0=Not Muslim 1=Muslim

Variables unique to Monitors_Baseline.

Variable	Variable Description	Value Labels
live_assign	Respondent lives in the department that have been assigned to monitor	0=no 1=yes
work_close	Live within 10km of their assigned department	0=no 1=yes
prior_exp2	Have had experience monitoring violence before	0=no 1=yes
N_DeptWork	Count of departments previously worked (if prior_exp2==1)	Numeric
pref_monitor_1	When you have monitored in the past, did you visit each of	0=no 1=yes

Variable	Variable Description	Value Labels
	the following types of villages/neighborhoods? **Urban located (in the department capital)**	
pref_monitor_2	When you have monitored in the past, did you visit each of the following types of villages/neighborhoods? **Villages on the main road**	0=no 1=yes
pref_monitor_3	When you have monitored in the past, did you visit each of the following types of villages/neighborhoods? **Villages only accessible by 4x4**	0=no 1=yes
pref_monitor_4	When you have monitored in the past, did you visit each of the following types of villages/neighborhoods? **Villages that had good network/connection**	0=no 1=yes
pref_monitor_5	When you have monitored in the past, did you visit each of the following types of villages/neighborhoods? **Villages where your organization already had relationships**	0=no 1=yes
pref_monitor_6	When you have monitored in the past, did you visit each of the following types of villages/neighborhoods? **Villages your organization had never before visited**	0=no 1=yes
violence_ethnic_het	In your opinion where is election-related violence most likely to occur: in places where **multiple ethnic groups** live?	0=no 1=yes
violence_ethnic_homo	In your opinion where is election-related violence most likely to occur: in places where **only one ethnic group** lives?	0=no 1=yes
violence_partis_opp	In your opinion where is election-related violence most likely to occur: in places where **locals support the opposition**?	0=no 1=yes

Variable	Variable Description	Value Labels
violence_partis_govt	In your opinion where is election-related violence most likely to occur: in places where **locals support the government**?	0=no 1=yes
violence_partis_comp	In your opinion where is election-related violence most likely to occur: in places where **locals support a mix of political parties**?	0=no 1=yes
violence_rural	In your opinion where is election-related violence more likely to occur: in places in the **countryside**?	0=no 1=yes
violence_urban	In your opinion where is election-related violence more likely to occur: in places in the **city**?	0=no 1=yes

E. Codebook for Monitors_endline.csv

This table contains the names, descriptions, and labels for all variables for the Monitors Endline dataset.

Note: for all variables, NA indicates refusal to respond or "I don't know" responses, or missingness.

Variable	Variable Description	Value Labels
zone	Unique indicator of location	Alpha-numeric
dept	Department of the zone	Alpha
date	Whether the data was collected on election day or afterwards	1=election day 2= after the election period
violence_any_monitor	Whether there was any report of violence by a monitor	0=no 1=yes
prior_exp2	Have had experience monitoring violence before	0=no 1=yes
N_DeptWork2	Count of departments previously worked (if prior_exp2==1)	Numeric
distance_far	Distanced travel to their assigned location is greater than 10km	0=no 1=yes
distance_traveled	Categorical variable of distance traveled to their location	1=0-5 km 2=6-10 km 3=11-15km 4=16-20km 5=More than 20km