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1  *** Stata Code for "Police corruption and crime: Evidence from Africa", Gillanders, Ouedraogo,
   Maïga, and Aja-Eke. Governance
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   provided for the project Corruption, Gender, and Sustainable Development via the COALESCE
   (Collaborative Alliances for Societal Challenges) scheme. Grant no. COALESCE/2021/79
3  *** Data can be downloaded from https://www.afrobarometer.org/
4  *** Round 7 of the Afrobarometer
5
6  egen clustervar = group(COUNTRY REGION)
7
8  gen policebribehelp = .
9  replace policebribehelp = 1 if inlist(Q49R, 1, 2, 3)
10 replace policebribehelp = 0 if inlist(Q49R, 0, 7)
11
12 gen policebribeprob = .
13 replace policebribeprob = 1 if inlist(Q49T, 1, 2, 3)
14 replace policebribeprob = 0 if inlist(Q49T, 0, 7)
15
16 gen policebribetotal = .
17 replace policebribetotal = 1 if policebribehelp == 1
18 replace policebribetotal = 1 if policebribeprob == 1
19 replace policebribetotal = 0 if policebribehelp == 0 & policebribeprob == 0
20
21 by REGION, sort : egen float regTOTAL = mean(policebribetotal)
22 by REGION, sort : egen float regHELP = mean(policebribehelp)
23 by REGION, sort : egen float regPROB = mean(policebribeprob)
24
25 by _v3, sort : egen float psuTOTAL = mean(policebribetotal)
26 by _v3, sort : egen float psuHELP = mean(policebribehelp)
27 by _v3, sort : egen float psuPROB = mean(policebribeprob)
28
29 gen schoolbribe = .
30 replace schoolbribe = 1 if inlist(Q49C, 1, 2, 3)
31 replace schoolbribe = 0 if inlist(Q49C, 0, 7)
32
33 gen medbribe = .
34 replace medbribe = 1 if inlist(Q49G, 1, 2, 3)
35 replace medbribe = 0 if inlist(Q49G, 0, 7)
36
37 gen docbribe = .
38 replace docbribe = 1 if inlist(Q49K, 1, 2, 3)
39 replace docbribe = 0 if inlist(Q49K, 0, 7)
40
41 gen servicebribe = .
42 replace servicebribe = 1 if inlist(Q49N, 1, 2, 3)
43 replace servicebribe = 0 if inlist(Q49N, 0, 7)
44
45 gen otherbribeexp = schoolbribe + medbribe + docbribe + servicebribe
46
47 gen otherbribedum = 0
48 replace otherbribedum = 1 if otherbribeexp > 0
49 replace otherbribedum = . if otherbribeexp == .
50 by REGION, sort : egen float regotherbribe = mean(otherbribedum)
51
52 rename Q1 age
53 replace age = . if age == 999
54 replace age = . if age == 998
55
56 gen female = .
57 replace female = 1 if Q101 == 2
58 replace female = 0 if Q101 == 1
59
60 rename Q97 education
61 replace education = . if education == 99
62 replace education = . if education == -1
63 replace education = . if education == 98
64 replace education = 1 if inlist(education, 0, 1, 2)
65 replace education = 2 if inlist(education, 3, 4)

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66 replace education = 3 if inlist(education, 5)
67 replace education = 4 if inlist(education, 6, 7)
68 replace education = 5 if inlist(education, 8, 9)
69 label define educa 1 "Less than full primary" 2 "Primary or Some Secondary" 3 "Secondary" 4 "Post
Secondary Qualification or Some Uni." 5 "Uni. Complete & Postgrad"
70 label values education educa
71
72 gen urban = 1
73 replace urban = 0 if URBRUR == 2
74
75 rename Q8A food
76 replace food = . if food == -1
77 replace food = . if food == 9
78 replace food = . if food == 998
79 replace food = . if food == 8
80
81 rename Q8B water
82 replace water = . if water == -1
83 replace water = . if water == 9
84 replace water = . if water == 998
85 replace water = . if water == 8
86
87 rename Q8C medical
88 replace medical = . if medical == -1
89 replace medical = . if medical == 9
90 replace medical = . if medical == 998
91 replace medical = . if medical == 8
92
93 rename Q8D cooking
94 replace cooking = . if cooking == -1
95 replace cooking = . if cooking == 9
96 replace cooking = . if cooking == 998
97 replace cooking = . if cooking == 8
98
99 rename Q8E cash
100 replace cash = . if cash == -1
101 replace cash = . if cash == 9
102 replace cash = . if cash == 998
103 replace cash = . if cash == 8
104
105 gen poverty = (food + water + medical + cooking + cash)/5
106
107 gen station = .
108 replace station = 1 if EA_FAC_C == 1
109 replace station = 0 if EA_FAC_C == 0
110
111 by REGION, sort : egen float regpoverty = mean(poverty)
112 by REGION, sort : egen float regeducation = mean(education)
113
114 gen ethnicdiscrimination
115 replace ethnicdiscrimination = 2 , 3)
116 replace ethnicdiscrimination = 1
117 by REGION, sort : egen float regethnicdiscrimination = mean(ethnicdiscrimination)
118
119
120 ***OUTCOMES
121
122 gen attacked
123 replace attacked if inlist(Q11B, 1, 2, 3)
124 replace attacked if Q11B == 0
125
126 gen attacked10
127 replace attacked10 if inlist(Q11B, 1, 2, 3, 4)
128
129 gen feltunsafe
130 replace feltunsafe if inlist(Q15A, 3, 4)
131 replace feltunsafe if inlist(Q15A, 1)
132

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133 gen feltunsafe0 = Q10A
134 replace feltunsafe0 = . if inlist(feltunsafe0, 8, 9)
135
136 gen fearcrime = .
137 replace fearcrime = 1 if inlist(Q10B, 2, 3, 4)
138 replace fearcrime = 0 if inlist(Q10B, 0, 1)
139
140 gen fearcrime0 = Q10B
141 replace fearcrime0 = . if inlist(fearcrime0, 8, 9)
142
143 gen fearviolenceneigh0 = Q60A
144 replace fearviolenceneigh0 = . if inlist(Q60A, -1, 8, 9)
145
146 gen stolen = .
147 replace stolen = 1 if inlist(Q11A, 1, 2, 3)
148 replace stolen = 0 if Q11A == 0
149
150 gen stolen0 = Q11A
151 replace stolen0 = . if inlist(stolen0, 8, 9)
152
153
154 **TABLE 1: Summary Statistics
155 sum attacked stolen feltunsafe fearcrime policebribetotal policebribehelp policebribeprob
otherbribedum female age poverty urban station regTOTAL regHELP regPROB regotherbribe if attacked
!= . & policebribetotal != . & regTOTAL != . & regotherbribe != . & female != . & age != . &
poverty != . & urban != . & station != . & education != .
156
157
158 **TABLE 2: Main Results - Police Corruption and Physical
Assault
159 xi: probit attacked policebribetotal female age poverty urban station i.education i.COUNTRY, robust
160 margins, dydx(*)
161 xi: probit attacked policebribetotal regTOTAL female age poverty urban station i.education i.
COUNTRY, robust
162 margins, dydx(*)
163 xi: probit attacked regTOTAL female age poverty urban station i.education i.COUNTRY, robust
164 margins, dydx(*)
165 xi: probit attacked policebribetotal regTOTAL regotherbribe female age poverty urban station i.
education i.COUNTRY, robust
166 margins, dydx(*)
167 xi: probit attacked policebribetotal c.regTOTAL##i.female regotherbribe age poverty urban station
i.education i.COUNTRY, robust
168 margins, dydx(*)
169 margins female, dydx(regTOTAL) pwcompare (effects)
170
171 **TABLE 3: Robustness - Ordered Probit
172 xi: oprobit attacked0 policebribetotal regTOTAL female age poverty urban station i.education i.
COUNTRY, robust
173 mfx compute, predict(outcome(0))
174 mfx compute, predict(outcome(1))
175 mfx compute, predict(outcome(2))
176 mfx compute, predict(outcome(3))
177
178 xi: oprobit stolen0 policebribetotal regTOTAL female age poverty urban station i.education i.
COUNTRY, robust
179 mfx compute, predict(outcome(0))
180 mfx compute, predict(outcome(1))
181 mfx compute, predict(outcome(2))
182 mfx compute, predict(outcome(3))
183
184
185 **TABLE 4: Pay to Protect VS Predatory Police
186 **To get HELP
187 xi: probit attacked policebribehelp regHELP regotherbribe female age poverty urban station i.
education i.COUNTRY, robust
188 margins, dydx(*)
189 **To avoid PROBLEM
190 xi: probit attacked policebribeprob regPROB regotherbribe female age poverty urban station i.

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education i.COUNTRY, robust
191 margins, dydx(*)
192 **including both
193 xi: probit attacked policebribehelp policebribeprob regHELP regPROB regotherbribe female age
poverty urban station i.education i.COUNTRY, robust
194 margins, dydx(*)
195
196
197 **TABLE 5: Police Corruption and Property Crime
198 xi: probit stolen policebribe total female age poverty urban station i.education i.COUNTRY, robust
199 margins, dydx(*)
200 xi: probit stolen policebribe total regTOTAL female age poverty urban station i.education i.COUNTRY
, robust
201 margins, dydx(*)
202 xi: probit stolen regTOTAL female age poverty urban station i.education i.COUNTRY, robust
203 margins, dydx(*)
204 xi: probit stolen policebribe total regTOTAL regotherbribe female age poverty urban station i.
education i.COUNTRY, robust
205 margins, dydx(*)
206 xi: probit stolen policebribe total c.regTOTAL##i.female regotherbribe age poverty urban station i
.education i.COUNTRY, robust
207 margins, dydx(*)
208 margins female, dydx(regTOTAL) pwcompare (effects)
209 xi: probit stolen policebribehelp policebribeprob regHELP regPROB regotherbribe female age poverty
urban station i.education i.COUNTRY, robust
210 margins, dydx(*)
211
212 **TABLE 6: Other Regional Factors
213
214 xi: probit attacked policebribe total regTOTAL female age poverty regpoverty urban station i.
education reeducation regethnicD i.COUNTRY, robust
215 margins, dydx(*)
216 xi: probit attacked policebribe total regTOTAL regotherbribe female age poverty regpoverty urban
station i.education reeducation regethnicD i.COUNTRY, robust
217 margins, dydx(*)
218
219 xi: probit stolen policebribe total regTOTAL female age poverty regpoverty urban station i.
education reeducation regethnicD i.COUNTRY, robust
220 margins, dydx(*)
221 xi: probit stolen policebribe total regTOTAL regotherbribe female age poverty regpoverty urban
station i.education reeducation regethnicD i.COUNTRY, robust
222 margins, dydx(*)
223
224
225 **TABLE 7: FEAR OF CRIME
226 xi: probit feltunsafe policebribe total regTOTAL regotherbribe female age poverty urban station i.
education attacked stolen i.COUNTRY, robust
227 margins, dydx(*)
228 xi: probit feltunsafe policebribehelp policebribeprob regHELP regPROB regotherbribe female age
poverty urban station i.education attacked stolen i.COUNTRY, robust
229 margins, dydx(*)
230
231 xi: probit fearcrime policebribe total regTOTAL regotherbribe female age poverty urban station i.
education attacked stolen i.COUNTRY, robust
232 margins, dydx(*)
233 xi: probit fearcrime policebribehelp policebribeprob regHELP regPROB regotherbribe female age
poverty urban station i.education attacked stolen i.COUNTRY, robust
234 margins, dydx(*)
235
236
237 **TABLE A2: Omitting respondent's own experience
238
239 rangestat (mean) policebribe total, int(policebribe total 0 1) excludeself by(REGION)
240 rename policebribe total_mean notImean
241
242 rangestat (mean) otherbribe dum, int(otherbribe dum 0 1) excludeself by(REGION)
243 rename otherbribe dum_mean notIother
244

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245 xi: probit attacked policebribetotal notImean notIother female age poverty urban station i.
education i.COUNTRY, robust
246 margins, dydx(*)
247
248 xi: probit stolen policebribetotal notImean notIother female age poverty urban station i.education
i.COUNTRY, robust
249 margins, dydx(*)
250
251
252 **TABLE A3: Results Using Survey Weights
253 probit attacked policebribetotal regTOTAL regotherbribe female age poverty urban station i.
education i.COUNTRY [pweight = withinwt]
254 margins, dydx(*)
255
256 probit stolen policebribetotal regTOTAL regotherbribe female age poverty urban station i.
education i.COUNTRY [pweight = withinwt]
257 margins, dydx(*)
258
259 gen weightedpoliceindivid = withinwt*policebribetotal
260 by REGION, sort : egen float WTOTAL = mean(weightedpoliceindivid)
261
262 gen weightedother = withinwt*otherbribe
263 by REGION, sort : egen float WOTHER = mean(weightedother)
264
265 xi: probit attacked policebribetotal WTOTAL WOTHER female age poverty urban station i.education i
.COUNTRY [pweight = withinwt]
266 margins, dydx(*)
267
268 xi: probit stolen policebribetotal WTOTAL WOTHER female age poverty urban station i.education i.
COUNTRY [pweight = withinwt]
269 margins, dydx(*)
270
271
272 **TABLE A4: Calculating Incidence at the Primary Enumeration Unit Levels
273
274 by _v3, sort : egen float psuapolicebribe = mean(policebribetotal)
275 by _v3, sort : egen float psuotherbribe = mean(otherbribe)
276
277 xi: probit attacked policebribetotal psuapolicebribe female age poverty urban station i.
education i.COUNTRY, robust
278 margins, dydx(*)
279
280 xi: probit attacked policebribetotal psuapolicebribe psuotherbribe female age poverty urban
station i.education i.COUNTRY, robust
281 margins, dydx(*)
282
283 xi: probit stolen policebribetotal psuapolicebribe female age poverty urban station i.education i
.COUNTRY, robust
284 margins, dydx(*)
285
286 xi: probit stolen policebribetotal psuapolicebribe psuotherbribe female age poverty urban station
i.education i.COUNTRY, robust
287 margins, dydx(*)
288
289
290 **TABLE A5: Mixed Effects Probit Model Results
291
292 meprobit attacked policebribetotal regTOTAL female age poverty urban station i.education i.
COUNTRY|| REGION:
293 meprobit attacked policebribetotal regTOTAL female age poverty urban station i.education i.
COUNTRY|| REGION: policebribetotal
294
295 meprobit stolen policebribetotal regTOTAL female age poverty urban station i.education i.COUNTRY
|| REGION:
296 meprobit stolen policebribetotal regTOTAL female age poverty urban station i.education i.COUNTRY
|| REGION: policebribetotal
297
298

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