

TABLE 1—DESCRIPTIVE STATISTICS

	Whole world	Base sample	By quartiles of mortality			
			(1)	(2)	(3)	(4)
Log GDP per capita (PPP) in 1995	8.303 (1.105)	8.062 (1.043)	8.888 (1.290)	8.408 (0.639)	7.778 (0.802)	7.199 (0.626)
Log output per worker in 1988 (with level of United States normalized to 1)	-1.731 (1.084)	-1.934 (0.981)	-1.025 (0.861)	-1.463 (0.422)	-2.195 (0.801)	-3.026 (0.477)
Average protection against expropriation risk, 1985-1995	7.066 (1.804)	6.516 (1.469)	7.904 (1.548)	6.468 (0.954)	5.973 (1.320)	5.891 (1.296)
Constraint on executive in 1990	3.636 (2.340)	3.967 (2.262)	5.333 (2.103)	5.118 (1.799)	3.313 (2.182)	2.267 (1.580)
Constraint on executive in 1900	1.857 (1.823)	2.250 (2.112)	3.667 (2.995)	3.278 (2.109)	1.125 (0.500)	1 (0)
Constraint on executive in first year of independence	3.591 (2.415)	3.400 (2.395)	5.167 (2.758)	2.444 (1.917)	3.125 (2.277)	3.429 (2.138)
Democracy in 1900	1.149 (2.577)	1.644 (3.004)	3.917 (4.582)	2.765 (2.905)	0.188 (0.403)	0 (0)
European settlements in 1900	30.47 (42.39)	16.18 (25.53)	31.73 (43.92)	25.56 (17.98)	8.171 (11.80)	0.533 (2.066)
Log European settler mortality	4.596 (1.303)	4.657 (1.258)	3.009 (0.593)	4.283 (0.0500)	4.919 (0.401)	6.347 (0.754)
Number of observations	163	64	14	18	17	15

TABLE 2—OLS REGRESSIONS

	Whole world (1)	Base sample (2)	Whole world (3)	Base sample (4)	Whole world (5)	Base sample (6)	Whole world (7)	Base sample (8)
	Dependent variable is log GDP per capita in 1995						Dependent variable is log output per worker in 1998	
Average protection against expropriation risk, 1985-1995	0.53 (0.03)	0.52 (0.05)	0.46 (0.05)	0.47 (0.06)	0.39 (0.05)	0.40 (0.06)	0.45 (0.03)	0.46 (0.05)
Latitude			0.87 (0.50)	1.58 (0.65)	0.33 (0.44)	0.88 (0.61)		
Asia dummy					-0.15 (0.18)	-0.58 (0.30)		
Africa dummy					-0.92 (0.15)	-0.88 (0.16)		
”Other” continent dummy					0.30 (0.17)	0.11 (0.22)		
R ²	0.61	0.54	0.62	0.57	0.72	0.71	0.55	0.49
Number of observations	111	64	111	64	111	64	108	61

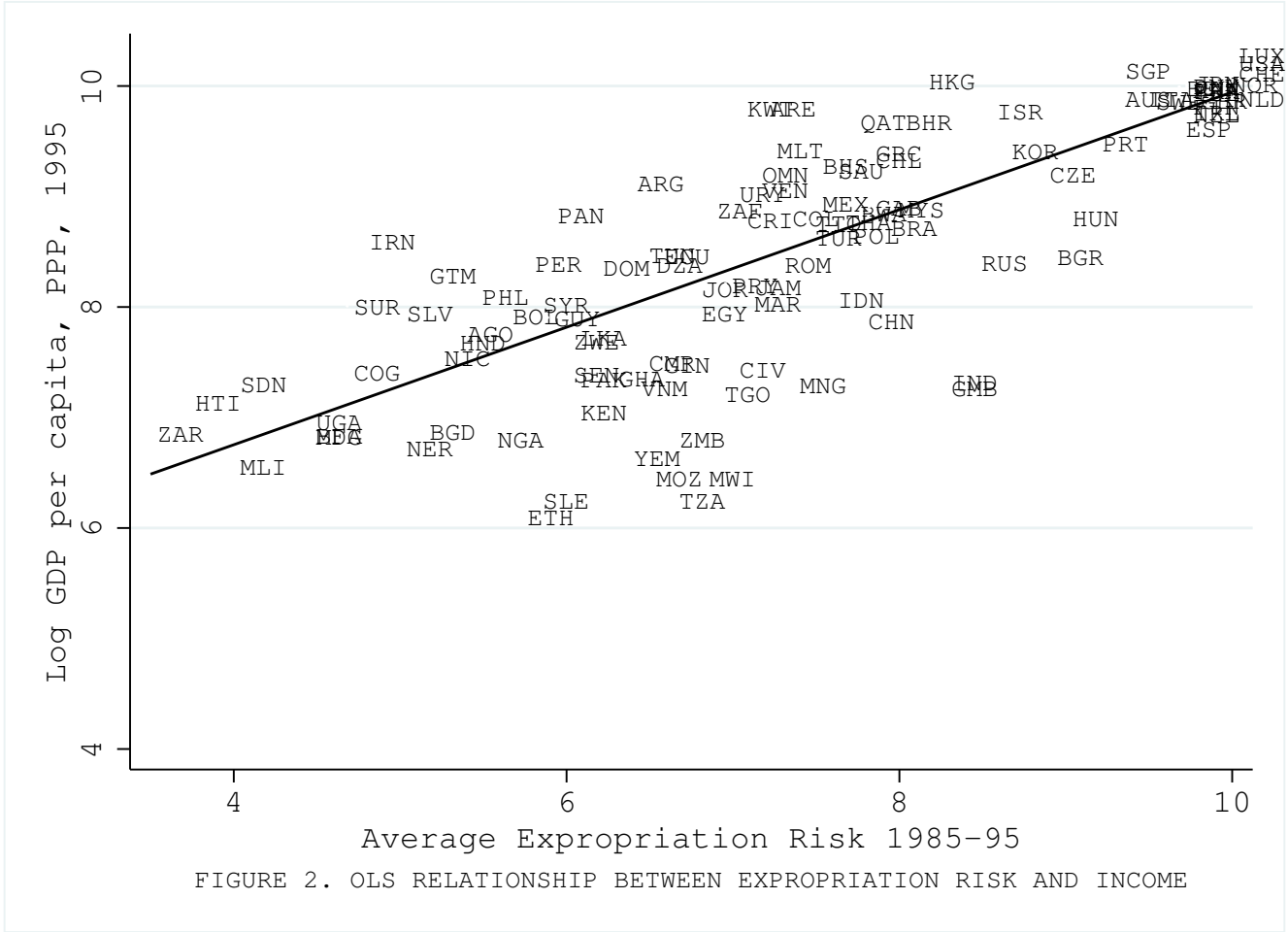


FIGURE 2. OLS RELATIONSHIP BETWEEN EXPROPRIATION RISK AND INCOME

TABLE 3—DETERMINANTS OF INSTITUTIONS

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Panel A	Dependent Variable Is Average Protection Against Expropriation Risk in 1985-1995									
Constraint on executive in 1900	0.32 (0.08)	0.26 (0.09)								
Democracy in 1900			0.24 (0.06)	0.21 (0.07)						
Constraint on executive in first year of independence					0.25 (0.08)	0.22 (0.08)				
European settlements in 1900							3.18 (0.61)	3.00 (0.78)		
Log European settler mortality									-0.61 (0.13)	-0.51 (0.14)
Latitude		2.18 (1.42)		1.55 (1.47)		2.72 (1.43)		0.58 (1.51)		2.00 (1.34)
R ²	0.2	0.23	0.24	0.25	0.19	0.24	0.3	0.3	0.27	0.3
Number of observations	63	63	62	62	63	63	66	66	64	64
Panel B	Dependent Variable is Constraint on Executive in 1900		Dependent Variable Is Democracy in 1900		Dependent Variable Is European Settlements in 1900					
European settlements in 1900	5.49 (0.73)	5.39 (0.93)			8.57 (0.93)	8.06 (1.19)				
Log European settler mortality			-0.82 (0.17)	-0.65 (0.18)			-1.22 (0.24)	-0.88 (0.25)	-0.11 (0.02)	-0.07 (0.02)
Latitude		0.33 (1.81)		3.63 (1.72)		1.61 (2.32)		7.57 (2.42)		0.87 (0.19)
R ²	0.46	0.46	0.25	0.29	0.57	0.57	0.28	0.37	0.31	0.47
Number of observations	70	70	75	75	67	67	68	68	73	73

TABLE 4—IV REGRESSIONS OF LOG GDP PER CAPITA

	Base sample (1)	Base sample (2)	Base sample without Neo-Europes (3)	Base sample without Neo-Europes (4)	Base sample without Africa (5)	Base sample without Africa (6)	Base sample with continent dummies (7)	Base sample with continent dummies (8)	Base sample, dependent variable is log output per worker (9)
Panel A: Two-Stage Least Squares									
Average protection against expropriation risk 1985-1995	0.94 (0.15)	1.00 (0.22)	1.28 (0.35)	1.21 (0.35)	0.58 (0.10)	0.58 (0.11)	0.98 (0.29)	1.11 (0.44)	0.98 (0.17)
Latitude		-0.65 (1.30)		0.94 (1.43)		0.04 (0.80)		-1.18 (1.67)	
Asia dummy							-0.92 (0.38)	-1.05 (0.50)	
Africa dummy							-0.46 (0.34)	-0.44 (0.40)	
”Other” continent dummy							-0.94 (0.81)	-0.99 (0.95)	
Panel B: First Stage for Average Protection Against Expropriation Risk in 1985-1995									
Log European settler mortality	-0.61 (0.13)	-0.51 (0.14)	-0.39 (0.13)	-0.39 (0.14)	-1.21 (0.22)	-1.14 (0.24)	-0.43 (0.17)	-0.34 (0.18)	-0.61 (0.13)
Latitude		2.00 (1.34)		-0.11 (1.49)		0.99 (1.43)		2.01 (1.39)	
Asia dummy							0.33 (0.50)	0.47 (0.50)	
Africa dummy							-0.27 (0.41)	-0.26 (0.41)	
”Other” continent dummy							1.24 (0.84)	1.06 (0.84)	
R^2	0.27	0.30	0.13	0.13	0.47	0.47	0.30	0.33	0.27
Panel C: Ordinary Least Squares									
Average protection against expropriation risk 1985-1995	0.52 (0.06)	0.47 (0.06)	0.49 (0.08)	0.47 (0.07)	0.48 (0.07)	0.47 (0.07)	0.42 (0.06)	0.40 (0.06)	0.46 (0.06)
Number of observations	64	64	60	60	37	37	64	64	61

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1  *Name: Kareena Satia
2
3  *Paper: The Colonial Origins of Comparative Development: An Empirical Investigation
4  *Author(s): Daron Acemoglu, Simon Johnson, James A. Robinson
5  *Source: The American Economic Review, Vol. 91, No. 5 (Dec., 2001), pp. 1369-1401
6  *Published by: American Economic Association
7  *Stable URL: http://www.jstor.org/stable/2677930
8
9  *The following codes attempt to replicate some of the important results from the paper.
10
11  *****TABLE 1 - DESCRIPTIVE STATISTICS*****
12
13  clear
14  use "C:\Users\18575\Downloads\Programming\Replication\table1.dta"
15
16  label var euro1900 "European settlements in 1900"
17  label var avexpr "Average protection against expropriation risk, 1985-1995"
18  label var logpgp95 "Log GDP per capita (PPP) in 1995"
19  label var cons1 "Constraint on executive in first year of independence"
20  label var cons90 "Constraint on executive in 1990"
21  label var democ00a "Democracy in 1900"
22  label var cons00a "Constraint on executive in 1900"
23  label var logem4 "Log European settler mortality"
24  label var loghjypl "Log output per worker in 1988 (with level of United States normalized to 1)"
25
26  *Column 1 - Whole world*
27  estpost sum logpgp95 loghjypl avexpr cons90 cons00a cons1 democ00a euro1900 logem4
28  eststo m1
29
30
31  keep if baseco==1
32
33  *Column 2 - Base sample*
34  estpost sum logpgp95 loghjypl avexpr cons90 cons00a cons1 democ00a euro1900 logem4
35  eststo m2
36  drop if extmort4== .
37  drop if logpgp95 == .
38  drop if avexpr == .
39  drop if excolony == 0
40
41  *Columns 3 - 6 (quartiles of mortality)
42  estpost sum euro1900 avexpr logpgp95 cons1 cons90 democ00a cons00a logem4 loghjypl if extmort4 < 65.4
43  eststo q1
44  estpost sum euro1900 avexpr logpgp95 cons1 cons90 democ00a cons00a logem4 loghjypl if extmort4 >=
45  65.4 & extmort4 < 78.1
46  eststo q2
47  estpost sum euro1900 avexpr logpgp95 cons1 cons90 democ00a cons00a logem4 loghjypl if extmort4 >=
48  78.1 & extmort4 < 280
49  eststo q3
50  estpost sum euro1900 avexpr logpgp95 cons1 cons90 democ00a cons00a logem4 loghjypl if extmort4 >= 280
51  eststo q4
52
53  *Latex export*
54  esttab m1 m2 q1 q2 q3 q4 using desc1, booktabs style(tex) label nostar main(mean) aux(sd) nonumbers
55  replace
56
57  *****FIGURE 2 - OLS GRAPH*****
58
59  clear
60  use "C:\Users\18575\Downloads\Programming\Replication\table2.dta"
61
62  graph set window fontface "Times New Roman"

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61 *OLS graph
62 graph twoway scatter logpgp95 avexpr if !missing(logpgp95, avexpr), mlabel(shortnam) mcolor(white)
msize(0) mlabcolor(black) || lfit logpgp95 avexpr, ylabel(4(2)10) ytitle("Log GDP per capita, PPP,
1995") xtitle("Average Expropriation Risk 1985-95") lcolor(black) legend(off) b1title("FIGURE 2. OLS
RELATIONSHIP BETWEEN EXPROPRIATION RISK AND INCOME", size(small)) plotregion(fcolor(white))
graphregion(fcolor(white))

63
64 *Latex export graph
65 graph export filename, as(eps) preview(off) replace
66 !epstopdf filename
67
68
69 *****TABLE 2 - OLS REGRESSION*****
70
71 clear
72 use "C:\Users\18575\Downloads\Programming\Replication\table2.dta"
73
74 *Label variables*
75 label var avexpr "Average protection against expropriation risk, 1985-1995"
76 label var lat_abst "Latitude"
77 label var asia "Asia dummy"
78 label var africa "Africa dummtty"
79 label var other "Other continent dummy"
80
81 *Column 1 - Whole world
82 reg logpgp95 avexpr, robust
83 outreg2 using myfile, replace bdec(2) sdec(2) rdec(2) noaster
84
85 *Column 2- Base sample
86 reg logpgp95 avexpr if baseco == 1, robust
87 outreg2 using myfile, append tex bdec(2) sdec(2) rdec(2) noaster
88
89 *Column 3 - Whole world
90 reg logpgp95 avexpr lat_abst, robust
91 outreg2 using myfile, append tex bdec(2) sdec(2) rdec(2) noaster
92
93 *Column 4 - Base sample
94 reg logpgp95 avexpr lat_abst if baseco == 1, robust
95 outreg2 using myfile, append tex bdec(2) sdec(2) rdec(2) noaster
96
97 *Column 5 - Whole world
98 reg logpgp95 avexpr lat_abst asia africa other, robust
99 outreg2 using myfile, append tex bdec(2) sdec(2) rdec(2) noaster
100
101 *Column 6 - Base sample
102 reg logpgp95 avexpr lat_abst asia africa other if baseco == 1, robust
103 outreg2 using myfile, append tex bdec(2) sdec(2) rdec(2) noaster
104
105 *Column 7 - Whole world
106 reg loghjypl avexpr, robust
107 outreg2 using myfile, append tex bdec(2) sdec(2) rdec(2) noaster
108
109 *Column 8 - Base sample
110 reg loghjypl avexpr if baseco == 1, robust
111 outreg2 using myfile, append tex bdec(2) sdec(2) rdec(2) noaster
112
113 ****TABLE 3 - DETERMINANTS OF INSTITUTIONS****
114
115 clear
116 use "C:\Users\18575\Downloads\Programming\Replication\table3.dta"
117
118 keep if excolony==1
119 keep if extmort4!=.

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120 gen euro19 = euro1900/100
121
122 *Panel A*
123
124 *Column 1
125 reg avexpr cons00a
126 outreg2 using table3, replace bdec(2) sdec(2) noaster
127
128 *Column 2
129 reg avexpr lat_abst cons00a
130 outreg2 using table3, append tex bdec(2) sdec(2) noaster
131
132 *Column 3
133 reg avexpr democ00a
134 outreg2 using table3, append tex bdec(2) sdec(2) noaster
135
136 *Column 4
137 reg avexpr democ00a lat_abst
138 outreg2 using table3, append tex bdec(2) sdec(2) noaster
139
140 *Column 5
141 reg avexpr indtime cons1
142 outreg2 using table3, append tex bdec(2) sdec(2) noaster
143
144 *Column 6
145 reg avexpr indtime cons1 lat_abst
146 outreg2 using table3, append tex bdec(2) sdec(2) noaster
147
148 *Column 7
149 reg avexpr euro19
150 outreg2 using table3, append tex bdec(2) sdec(2) noaster
151
152 *Column 8
153 reg avexpr euro19 lat_abst
154 outreg2 using table3, append tex bdec(2) sdec(2) noaster
155
156 *Column 9
157 reg avexpr logem4 if logpgp95!=.
158 outreg2 using table3, append tex bdec(2) sdec(2) noaster
159
160 *Column 10
161 reg avexpr logem4 lat_abst if logpgp95!=.
162 outreg2 using table3, append tex bdec(2) sdec(2) noaster
163
164
165 *****Panel B*****
166
167 *Column 1
168 reg cons00a euro19 if logpgp95~=.
169 outreg2 using panelb, replace bdec(2) sdec(2) noaster
170
171 *Column 2
172 reg cons00a euro19 lat_abst if logpgp95!=.
173 outreg2 using panelb, append tex bdec(2) sdec(2) noaster
174
175 *Column 3
176 reg cons00a logem4
177 outreg2 using panelb, append tex bdec(2) sdec(2) noaster
178
179 *Column 4
180 reg cons00a lat_abst logem4
181 outreg2 using panelb, append tex bdec(2) sdec(2) noaster
182

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183 *Column 5
184 reg democ00a euro19 if logpgp95!=.
185 outreg2 using panelb, append tex bdec(2) sdec(2) noaster
186
187 *Column 6
188 reg democ00a lat_abst euro19 if logpgp95!=.
189 outreg2 using panelb, append tex bdec(2) sdec(2) noaster
190
191 *Column 7
192 reg democ00a logem4 if logpgp95!=.
193 outreg2 using panelb, append tex bdec(2) sdec(2) noaster
194
195 *Column 8
196 reg democ00a lat_abst logem4 if logpgp95!=.
197 outreg2 using panelb, append tex bdec(2) sdec(2) noaster
198
199 *Column 9
200 reg euro19 logem4 if logpgp95!=.
201 outreg2 using panelb, append tex bdec(2) sdec(2) noaster
202
203 *Column 10
204 reg euro19 lat_abst logem4 if logpgp95!=.
205 outreg2 using panelb, append tex bdec(2) sdec(2) noaster
206
207
208 *****TABLE 4 - IV REGRESSION*****
209
210 clear
211 use "C:\Users\18575\Downloads\Programming\Replication\table4.dta"
212
213 *Label Variables*
214
215 label var avexpr "Average protection against expropriation risk, 1985-1995"
216 label var lat_abst "Latitude"
217 label var asia "Asia dummy"
218 label var africa "Africa dummy"
219
220 keep if baseco == 1
221
222 *PANEL A - 2SLS*
223
224 *Column 1
225 ivregress 2sls logpgp95 (avexpr=logem4)
226 outreg2 using IV, replace bdec(2) sdec(2) rdec(2) noaster
227
228 *Column 2
229 ivregress 2sls logpgp95 (avexpr=logem4) lat_abst
230 outreg2 using IV, append tex bdec(2) sdec(2) rdec(2) noaster
231
232 *Column 3
233 ivregress 2sls logpgp95 (avexpr=logem4) if rich4!=1
234 outreg2 using IV, append tex bdec(2) sdec(2) rdec(2) noaster
235
236 *Column 4
237 ivregress 2sls logpgp95 (avexpr=logem4) lat_abst if rich4!=1
238 outreg2 using IV, append tex bdec(2) sdec(2) rdec(2) noaster
239
240 *Columns 5
241 ivregress 2sls logpgp95 (avexpr=logem4) if africa!=1
242 outreg2 using IV, append tex bdec(2) sdec(2) rdec(2) noaster
243
244 *Column 6
245 ivregress 2sls logpgp95 (avexpr=logem4) lat_abst if africa!=1

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246 outreg2 using IV, append tex bdec(2) sdec(2) rdec(2) noaster
247
248 gen othercontdum=0
249 replace othercontdum=1 if (shortnam=="AUS" | shortnam=="MLT" | shortnam=="NZL")
250 label var othercontdum "Other continent dummy"
251
252 *Column 7
253 ivregress 2sls logpgp95 (avexpr=logem4) africa asia othercontdum
254 outreg2 using IV, append tex bdec(2) sdec(2) rdec(2) noaster
255
256 *Column 8*
257 ivregress 2sls logpgp95 lat_abst (avexpr=logem4) africa asia othercontdum
258 outreg2 using IV, append tex bdec(2) sdec(2) rdec(2) noaster
259
260 *Column 9
261 ivregress 2sls loghjypl (avexpr=logem4)
262 outreg2 using IV, append tex bdec(2) sdec(2) rdec(2) noaster
263
264 *PANEL B - FIRST STAGE*
265
266 *Column 1*
267 reg avexpr logem4
268 outreg2 using panelb1, append tex bdec(2) sdec(2) rdec(2) noaster
269
270 *Column 2*
271 reg avexpr logem4 lat_abst
272 outreg2 using panelb1, append tex bdec(2) sdec(2) rdec(2) noaster
273
274 *Column 3*
275 reg avexpr logem4 if rich4!=1
276 outreg2 using panelb1, append tex bdec(2) sdec(2) rdec(2) noaster
277
278 *Column 4*
279 reg avexpr logem4 lat_abst if rich4!=1
280 outreg2 using panelb1, append tex bdec(2) sdec(2) rdec(2) noaster
281
282 *Columns 5
283 reg avexpr logem4 if africa!=1
284 outreg2 using panelb1, append tex bdec(2) sdec(2) rdec(2) noaster
285
286 *Column 6
287 reg avexpr logem4 lat_abst if africa!=1
288 outreg2 using panelb1, append tex bdec(2) sdec(2) rdec(2) noaster
289
290 *Columns 7
291 reg avexpr logem4 africa asia othercontdum
292 outreg2 using panelb1, append tex bdec(2) sdec(2) rdec(2) noaster
293
294 *Column 8*
295 reg avexpr logem4 lat_abst africa asia othercontdum
296 outreg2 using panelb1, append tex bdec(2) sdec(2) rdec(2) noaster
297
298 *Column 9
299 reg avexpr logem4
300 outreg2 using panelb1, append tex bdec(2) sdec(2) rdec(2) noaster
301
302 *Panel C - OLS*
303
304 *Column 1
305 reg logpgp95 avexpr
306 outreg2 using OLS, append tex bdec(2) sdec(2) rdec(2) noaster
307
308 *Column 2

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309 reg logpgp95 lat_abst avexpr
310 outreg2 using OLS, append tex bdec(2) sdec(2) rdec(2) noaster
311
312 *Column 3
313 reg logpgp95 avexpr if rich4!=1
314 outreg2 using OLS, append tex bdec(2) sdec(2) rdec(2) noaster
315
316 *Column 4
317 reg logpgp95 lat_abst avexpr if rich4!=1
318 outreg2 using OLS, append tex bdec(2) sdec(2) rdec(2) noaster
319
320 *Column 5
321 reg logpgp95 avexpr if africa!=1
322 outreg2 using OLS, append tex bdec(2) sdec(2) rdec(2) noaster
323
324 *Column 6
325 reg logpgp95 lat_abst avexpr if africa!=1
326 outreg2 using OLS, append tex bdec(2) sdec(2) rdec(2) noaster
327
328 *Column 7
329 reg logpgp95 avexpr africa asia othercontdum
330 outreg2 using OLS, append tex bdec(2) sdec(2) rdec(2) noaster
331
332 *Column 8
333 reg logpgp95 lat_abst avexpr africa asia othercontdum
334 outreg2 using OLS, append tex bdec(2) sdec(2) rdec(2) noaster
335
336 *Column 9
337 reg loghjypl avexpr
338 outreg2 using OLS, append tex bdec(2) sdec(2) rdec(2) noaster
339
340
341
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