

SUPPLEMENT TO “THE EVOLUTION OF CULTURE AND INSTITUTIONS:  
EVIDENCE FROM THE KUBA KINGDOM”  
(*Econometrica*, Vol. 85, No. 4, July 2017, 1065–1091)

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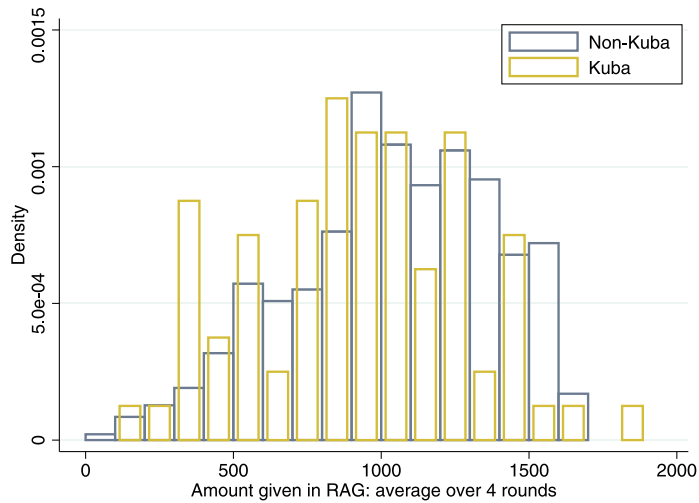
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(a) Full sample

FIGURE A-1.—Distributions of the average allocation to the other parties in the RAG.

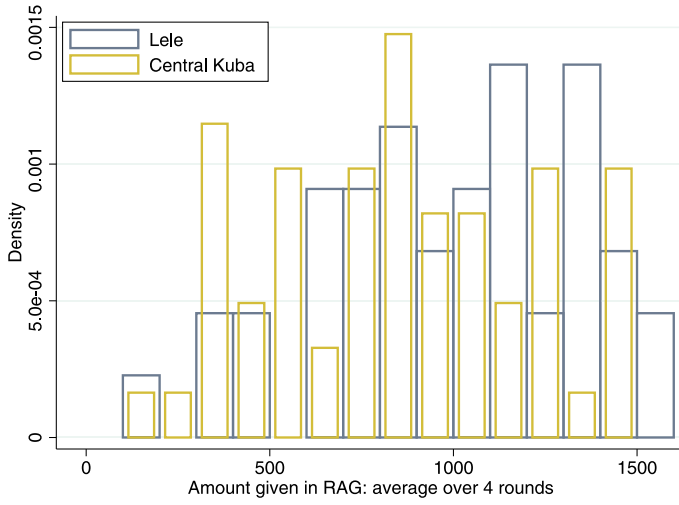
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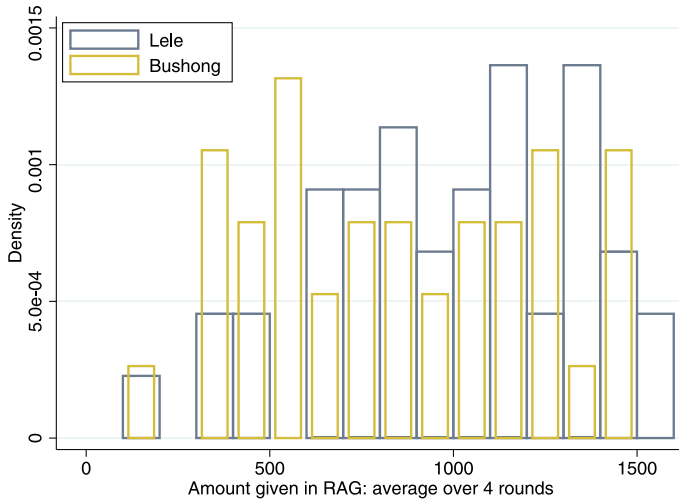
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(b) Central Kuba and Lele



(c) Bushong and Lele

FIGURE A-1.—Continued.

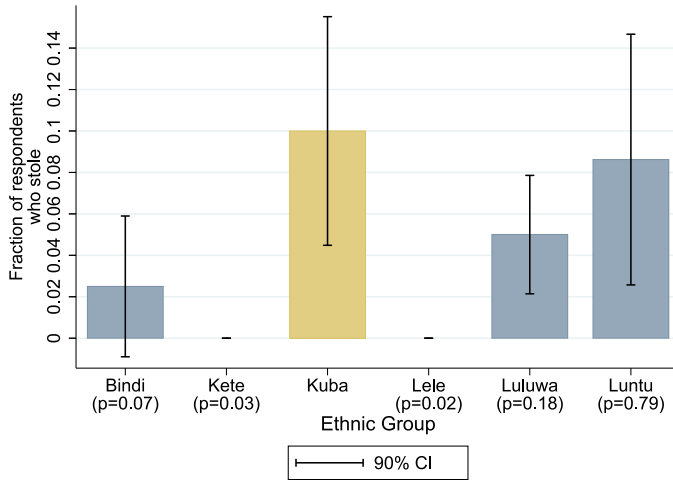


FIGURE A-2.—Fraction of respondents that stole (at least once) in the UG, by ethnicity. The reported *p*-values are for tests of the equality of means with the Kuba.

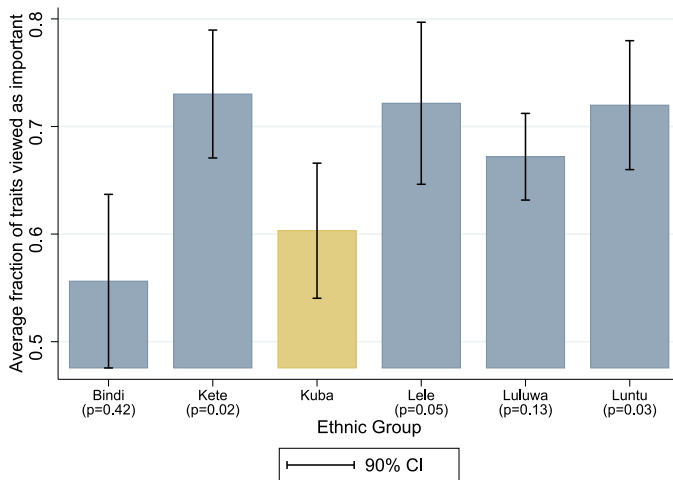


FIGURE A-3.—Fraction of rule-following-related traits individuals view as being important to teach children, by ethnicity. The reported *p*-values are for tests of the equality of means with the Kuba.

TABLE A-I  
 BASELINE ESTIMATES, BY GAME<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG				
	Citizen of Kananga	Coethnic in Kananga	Non-Coethnic in Kananga	Provincial Government	Average
	(1)	(2)	(3)	(4)	(5)
Panel A. Full sample					
Kuba ethnicity indicator	-35.56 (48.73)	-110.77** (50.57)	-101.95** (49.53)	-105.59** (52.81)	-88.47** (41.39)
Mean of dep var	1,003.21	1,028.06	988.18	987.58	1,001.75
Observations	499	499	499	499	499
R-squared	0.07	0.02	0.06	0.09	0.08
Panel B. Central Kuba & Lele					
Kuba ethnicity indicator	-151.20* (80.23)	-158.32* (92.01)	-113.11 (80.56)	-238.86*** (85.54)	-165.37** (70.92)
Mean of dep var	902.86	933.33	878.10	866.67	895.24
Observations	105	105	105	105	105
R-squared	0.13	0.08	0.15	0.19	0.15
Panel C. Bushong & Lele					
Kuba ethnicity indicator	-189.16** (90.06)	-198.42* (102.89)	-168.71* (91.35)	-283.36*** (97.60)	-209.91** (81.33)
Mean of dep var	915.85	958.54	890.24	885.37	912.50
Observations	82	82	82	82	82
R-squared	0.14	0.10	0.18	0.19	0.17

<sup>a</sup>The table reports OLS estimates of equation (1). Columns 1–4 report estimates where the dependent variable is the amount allocated to player 2 in a round of the RAG. The identity of player 2 in that round is reported in the column heading. Column 5 reports estimates with the average amount given in the four rounds as the dependent variable. “Kuba ethnicity indicator” is a variable that equals 1 if the individual’s self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. Coefficients are reported with robust standard errors in parentheses. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-II  
 BASELINE QUANTILE REGRESSION ESTIMATES<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG		
	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)
Kuba ethnicity indicator:			
Quantile 20	-87.93 (58.76)	-99.28 (166.31)	-320.41* (164.78)
Quantile 30	-121.87** (57.75)	-177.38 (158.23)	-289.92** (138.32)
Quantile 40	-91.15 (67.43)	-208.75 (135.01)	-271.00** (132.31)
Quantile 50	-121.79* (62.81)	-253.15** (116.66)	-296.24** (123.13)
Quantile 60	-107.53* (57.05)	-226.35** (100.39)	-349.25*** (116.42)
Quantile 70	-129.63*** (50.12)	-259.15*** (97.46)	-252.37** (111.23)
Quantile 80	-121.77* (72.73)	-143.28 (88.27)	-104.49 (113.40)
Baseline covariates	Yes	Yes	Yes
<i>F</i> -test equality of coefficients ( <i>p</i> -value)	0.94	0.54	0.41
Observations	499	105	82

<sup>a</sup>The table reports quantile estimates of equation (1). “Kuba ethnicity indicator” is a variable that equals 1 if the individual’s self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. The reported *F*-test is for the equality of the quantile coefficients for the Kuba indicator. Coefficients are reported, with bootstrap standard errors in parentheses. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-III  
 BASELINE ESTIMATES, ALLOWING FOR HETEROGENEOUS TREATMENTS BY SUBTRIBE, FULL SAMPLE<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG				Amount of Money Missing in UG			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Kuba ethnicity indicator	-88.47** (41.39)				58.23** (25.34)			
<i>Core Groups in Kingdom:</i>								
Central Kuba		-153.46*** (46.11)				76.21*** (28.45)		
Bushong Kuba			-154.73*** (57.36)	-154.7*** (57.03)			93.85*** (35.13)	93.85*** (35.15)
Central Kuba (Non-Bushong)				-151.4** (71.60)				47.36 (44.14)
<i>Non-Core Groups in Kingdom:</i>								
Peripheral Kuba		117.20 (78.20)		117.2 (78.28)		1.337 (48.24)		1.547 (48.25)
Non-Bushong Kuba			-29.61 (54.37)				26.59 (33.30)	
Baseline covariates	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mean dep var	1,001.75	1,001.75	1,001.75	1,001.75	35.07	35.07	35.07	35.07
<i>F</i> -test ( <i>p</i> -value)		0.00	0.06	0.01		0.35	0.41	0.6
Observations	499	499	499	499	499	499	499	499
<i>R</i> -squared	0.08	0.10	0.08	0.10	0.02	0.03	0.03	0.03

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. The reported *F*-tests are for the equality of the coefficients, for example, Central Kuba vs. Peripheral Kuba, Bushong Kuba vs. Non-Bushong Kuba, etc. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. Coefficients are reported with robust standard errors in parentheses. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-IV  
 BASELINE ESTIMATES, ALLOWING FOR HETEROGENEOUS TREATMENTS BY SUBTRIBE, KUBA AND LELE  
 RESPONDENTS ONLY<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG				Amount of Money Missing in UG			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Kuba ethnicity indicator	-101.77 (67.79)				123.11** (52.43)			
<i>Core Groups in Kingdom:</i>								
Central Kuba	-156.19** (68.20)				136.89** (54.48)			
Bushong Kuba			-174.18** (77.29)	-169.18** (75.99)			148.16** (60.50)	147.15** (60.69)
Central Kuba (Non-Bushong)								119.35* (70.86)
<i>Non-Core Groups in Kingdom:</i>								
Peripheral Kuba			105.09 (95.95)	105.00 (96.30)			70.70 (76.64)	70.78 (76.92)
Non-Bushong Kuba			-29.64 (77.22)				98.14 (60.44)	
Baseline covariates	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mean dep var	1,001.75	1,001.75	1,001.75	1,001.75	35.07	35.07	35.07	35.07
F-test ( <i>p</i> -value)		0.00	0.10	0.01		0.17	0.14	0.27
Observations	124	124	124	124	124	124	124	124
R-squared	0.13	0.19	0.16	0.20	0.08	0.09	0.09	0.09

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. The reported *F*-tests are for the equality of the coefficients, for example, Central Kuba vs. Peripheral Kuba, Bushong Kuba vs. Non-Bushong Kuba, etc. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. Coefficients are reported with robust standard errors in parentheses. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-V  
 REASONS FOR MIGRANTS MOVING TO KANANGA<sup>a</sup>

Reason for Moving to Kananga	Number	Percent
Educational opportunities	87	36.10
Economic opportunities	57	23.65
Moved with parents (as child)	49	20.33
Marriage	23	9.54
Outcast from village	10	4.15
Disagreement with others	8	3.32
Other	7	2.90
<i>Total</i>	<i>241</i>	<i>100.00</i>

<sup>a</sup>The table reports the reason for moving to Kananga among the individuals in our sample that were not born in Kananga. The most common reason in the 'other' category is migration for reasons related to health concerns (3 people).

TABLE A-VI  
BALANCE TABLE FOR THE REASONS FIRST-GENERATION MIGRANTS MOVED TO KANANGA<sup>a</sup>

	Full Sample ( $n = 244$ )			Central Kuba vs. Lele Sample ( $n = 65$ )			Bushong vs. Lele Sample ( $n = 51$ )		
	Sample Mean	Kuba vs. non-Kuba		Sample Mean	Kuba vs. non-Kuba		Sample Mean	Kuba vs. non-Kuba	
		Not Accounting for Baseline Covariates	Accounting for Baseline Covariates		Not Accounting for Baseline Covariates	Accounting for Baseline Covariates		Not Accounting for Baseline Covariates	Accounting for Baseline Covariates
	<i>Reasons for Migrating to Kananga</i>								
Educational opportunities	0.357	0.177** (0.078)	0.077 (0.064)	0.600	-0.124 (0.123)	0.021 (0.100)	0.627	-0.095 (0.140)	-0.008 (0.119)
Economic opportunities	0.234	-0.020 (0.070)	0.000 (0.068)	0.154	0.100 (0.090)	0.007 (0.081)	0.137	0.090 (0.099)	0.028 (0.094)
Moved with parents (as child)	0.201	-0.167** (0.065)	-0.163** (0.065)	0.108	-0.110 (0.077)	-0.107 (0.081)	0.118	-0.119 (0.092)	-0.117 (0.099)
Marriage	0.094	0.018 (0.048)	0.057 (0.045)	0.077	0.019 (0.067)	-0.029 (0.061)	0.059	-0.019 (0.068)	-0.034 (0.062)
Outcast from village	0.041	0.030 (0.033)	0.032 (0.033)	0.046	0.086 (0.052)	0.078 (0.050)	0.392	0.095* (0.055)	0.072 (0.053)
Disagreement with others	0.033	-0.040 (0.029)	-0.025 (0.029)	0.000	0.000 (0.000)	0.000 (0.000)	0.000	0.000 (0.000)	0.000 (0.000)
Other	0.041	0.003 (0.033)	0.022 (0.033)	0.015	0.029 (0.031)	0.030 (0.032)	0.020	0.048 (0.040)	0.059 (0.041)

<sup>a</sup>The table reports balance statistics for each of our three samples of interest, without and with our baseline controls. An observation is an individual in our sample.



TABLE A-VII  
CONTROLLING FOR THE FIRST PRINCIPAL COMPONENT OF IMMIGRATION-RELATED CHARACTERISTICS<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG			Amount of Money Missing in UG		
	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)	(4)	(5)	(6)
Kuba ethnicity indicator	-78.85* (42.49)	-167.18** (71.72)	-212.96** (82.88)	67.17** (25.98)	138.19** (59.92)	142.72** (70.23)
First principal component	11.07 (10.67)	-21.34 (34.38)	3.92 (38.90)	10.85* (6.53)	22.67 (28.73)	38.25 (32.97)
Baseline covariates	Yes	Yes	Yes	Yes	Yes	Yes
Mean dep var	1,001.51	896.39	914.20	35.28	60.58	56.79
Observations	496	104	81	496	104	81
R-squared	0.08	0.16	0.17	0.03	0.09	0.10

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. Coefficients are reported with robust standard errors in parentheses. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-VIII  
CONTROLLING FOR IMMIGRATION-RELATED CHARACTERISTICS<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG			Amount of Money Missing in UG		
	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)	(4)	(5)	(6)
Kuba ethnicity indicator	-43.64 (42.49)	-170.00** (73.26)	-231.50*** (84.99)	69.82*** (26.69)	123.02** (61.22)	129.01* (73.28)
Immigrant indicator	205.4*** (57.22)	339.21 (262.7)	437.42 (322.2)	-0.904 (35.94)	191.14 (219.51)	22.57 (277.85)
Frac of life in Kananga	166.9** (79.14)	278.51 (316.85)	431.41 (386.26)	17.92 (49.71)	304.01 (264.76)	162.18 (333.06)
Proportion of 5 closest friends that are coethnics	-26.92 (54.51)	73.25 (116.09)	185.1 (136.01)	17.93 (34.24)	178.00* (97.00)	135.2 (117.28)
Ethnic diversity of neighborhood	-205.7** (95.61)	-211.13 (234.27)	-107.79 (256.85)	11.49 (60.05)	186.23 (195.75)	148.31 (221.48)
Share of own-ethnicity in neighborhood	90.29 (72.62)	64.64 (239.90)	252.38 (260.13)	40.20 (45.61)	-50.24 (200.45)	-65.51 (224.30)
Baseline covariates	Yes	Yes	Yes	Yes	Yes	Yes
Mean dep var	1,001.51	896.39	914.20	35.28	60.57	56.79
Observations	496	104	81	496	104	81
R-squared	0.13	0.20	0.24	0.03	0.14	0.14

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. Coefficients are reported with robust standard errors in parentheses. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-IX  
 BASELINE ESTIMATES, OMITTING FIRST-GENERATION IMMIGRANTS TO KANANGA<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG			Amount of Money Missing in UG		
	Full Sample	Central Kuba vs. Lele	Bushong vs. Lele	Full Sample	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)	(4)	(5)	(6)
Kuba ethnicity indicator	-133.3** (60.74)	-154.0 (103.7)	-216.5* (117.2)	89.20* (47.53)	224.3* (123.2)	342.3** (153.8)
Covariates:						
Age	-9.604 (7.107)	-22.87 (18.32)	-56.00** (22.37)	4.992 (5.561)	11.51 (21.75)	31.55 (29.35)
Age squared	0.102 (0.0750)	0.219 (0.196)	0.618** (0.243)	-0.0626 (0.0587)	-0.178 (0.233)	-0.413 (0.319)
Female	3.932 (42.94)	-110.2 (105.2)	-25.34 (126.7)	-4.790 (33.60)	-234.5* (124.9)	-343.7** (166.2)
Survey year = 2014	230.9*** (43.55)	240.8** (110.4)	233.6* (125.9)	31.67 (34.08)	70.33 (131.1)	84.02 (165.2)
Mean of dep var	948.27	790.96	827.08	42.86	78.72	102.78
Observations	231	47	36	231	47	36
R-squared	0.15	0.20	0.27	0.03	0.14	0.22

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. Coefficients are reported with robust standard errors in parentheses. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-X  
 ACCOUNTING FOR CROP SUITABILITY<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG			Amount of Money Missing in UG		
	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)	(4)	(5)	(6)
Kuba ethnicity indicator	-88.86* (46.99)	-159.75* (83.86)	-211.85** (94.97)	58.40* (34.50)	140.57** (69.36)	150.91 (92.30)
Crop suitability index, 0-100:						
Maize suitability	-1.19 (5.81)	-14.03 (56.17)	7.98 (56.74)	0.58 (4.44)	-6.40 (27.28)	-5.56 (30.04)
Cassava suitability	0.20 (2.58)	9.10 (23.32)	-2.62 (24.37)	-0.26 (1.19)	-0.97 (11.58)	-1.20 (12.68)
Baseline covariates	Yes	Yes	Yes	Yes	Yes	Yes
Mean dep var	1,001.75	895.24	912.50	35.07	60.00	56.10
Observations	499	105	82	499	105	82
R-squared	0.08	0.16	0.17	0.02	0.09	0.09

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-XI  
 ROBUSTNESS OF THE ESTIMATES TO THE OMISSION OF VILLAGES CLOSE TO THE PORTION OF THE KUBA  
 KINGDOM'S BOUNDARY THAT WAS NOT DETERMINED BY THE RIVER NETWORK<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG			Amount of Money Missing in UG		
	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A. Baseline with full sample						
Kuba ethnicity indicator	-88.47** (41.39)	-165.37** (70.92)	-209.91** (81.33)	58.23** (25.34)	140.24** (59.27)	150.70** (69.48)
Observations	499	105	82	499	105	82
Panel B. No observations within 10 km of non-river Kuba boundary						
Kuba ethnicity indicator	-110.63** (42.93)	-181.00** (72.28)	-226.93*** (82.21)	55.00** (26.88)	125.39** (60.38)	122.82* (68.29)
Observations	476	99	81	476	99	81
Panel C. No observations within 20 km of non-river Kuba boundary						
Kuba ethnicity indicator	-131.40*** (45.12)	-219.27*** (72.70)	-226.93*** (82.21)	58.94** (28.71)	135.07** (62.94)	122.82* (68.29)
Observations	455	95	81	455	95	81
Panel D. No observations within 30 km of non-river Kuba boundary						
Kuba ethnicity indicator	-140.18*** (46.76)	-234.26*** (74.15)	-235.22*** (83.35)	43.32 (29.79)	112.65* (60.46)	127.99* (70.58)
Observations	422	91	78	422	91	78
Panel E. No observations within 40 km of non-river Kuba boundary						
Kuba ethnicity indicator	-149.28*** (47.40)	-237.17*** (74.81)	-239.05*** (84.28)	41.97 (30.83)	114.78* (61.01)	130.95* (71.38)
Observations	403	90	77	403	90	77
Panel F. No observations within 50 km of non-river Kuba boundary						
Kuba ethnicity indicator	-151.45*** (52.24)	-237.38*** (78.27)	-223.69** (87.47)	68.36** (30.00)	145.60** (67.61)	156.35** (77.12)
Observations	343	81	72	343	81	72

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. Coefficients are reported with robust standard errors in parentheses. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-XII  
 BASELINE ESTIMATES, CONTROLLING FOR TRUST IN FOREIGNERS, UNIVERSITIES, AND INTERNATIONAL ORGANIZATIONS<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG			Amount of Money Missing in UG		
	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)	(4)	(5)	(6)
Kuba ethnicity indicator	-87.50** (41.53)	-155.98** (71.99)	-197.61** (82.33)	55.50** (25.32)	127.50** (59.06)	128.91* (67.20)
Trust in (1-4):						
Int'l organizations	9.27 (17.52)	42.76 (37.83)	34.79 (41.80)	-15.94 (10.68)	-40.45 (31.04)	-39.24 (34.12)
Other nationalities	3.18 (18.28)	33.86 (42.73)	53.78 (50.87)	-16.53 (11.14)	-69.26* (35.06)	-112.28*** (41.52)
Universities	10.29 (18.94)	2.88 (49.09)	3.62 (60.43)	15.29 (11.55)	36.62 (40.27)	56.72 (49.32)
Baseline covariates	Yes	Yes	Yes	Yes	Yes	Yes
Mean of dep var	1001.75	895.24	912.50	35.07	60.00	56.10
Observations	499	105	82	499	105	82
R-squared	0.08	0.17	0.20	0.03	0.14	0.19

<sup>a</sup>The table reports OLS estimates of equation (1). The trust questions are measured on a 1, 2, 3, 4 scale that is increasing in trust. The responses are: (1) not at all, (2) not very much, (3) somewhat, (4) completely. "Kuba ethnicity indicator" is an indicator variable that equals 1 if the individual's self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-XIII  
 BASELINE ESTIMATES, CONTROLLING FOR OFFERS IN THE DICTATOR GAME<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG				
	Citizen of Kananga	Coethnic Citizen of Kananga	Non-Coethnic Citizen of Kananga	Provincial Government	Average
	(1)	(2)	(3)	(4)	(5)
Panel A. Full sample					
Kuba ethnicity indicator	-33.75 (47.30)	-105.09** (49.63)	-94.77** (48.10)	-99.29* (53.89)	-81.47** (40.57)
Offer in dictator game	0.48*** (0.09)	0.45*** (0.10)	0.51*** (0.09)	0.46*** (0.09)	0.64*** (0.09)
Observations	499	499	499	465	465
R-squared	0.13	0.06	0.12	0.13	0.17
Panel B. Central Kuba vs. Lele					
Kuba ethnicity indicator	-152.71* (80.54)	-159.11* (92.53)	-111.20 (81.06)	-226.80** (93.47)	-150.80* (78.41)
Offer in dictator game	0.11 (0.19)	-0.05 (0.24)	0.07 (0.19)	0.55** (0.26)	0.18 (0.23)
Observations	105	105	105	93	93
R-squared	0.13	0.08	0.15	0.21	0.14
Panel C. Bushong vs. Lele					
Kuba ethnicity indicator	-196.23** (88.90)	-195.85* (103.83)	-160.02* (92.02)	-248.81** (107.90)	-187.14** (90.01)
Offer in dictator game	0.40* (0.23)	0.09 (0.28)	0.19 (0.22)	0.74** (0.32)	0.44 (0.28)
Observations	82	82	82	71	71
R-squared	0.17	0.10	0.19	0.23	0.18

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-XIV

CONTROLLING FOR DIFFERENCES IN INCIDENCE OF WRONG ANSWERS IN GAME QUESTIONS AND MATH QUESTIONS<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG			Amount of Money Missing in UG		
	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)	(4)	(5)	(6)
Kuba ethnicity indicator	-83.48** (41.21)	-145.34** (71.97)	-194.66** (83.96)	57.24** (25.42)	139.01** (59.99)	139.10* (70.33)
Proportion incorrect on math questions	34.40 (52.26)	-72.18 (122.18)	-103.86 (148.57)	-51.62 (32.36)	-114.80 (102.84)	-132.97 (126.24)
Proportion incorrect on RAG questions	-308.00*** (114.66)	-466.59 (301.08)	-399.74 (347.92)			
Proportion incorrect on UG questions				34.29 (51.99)	-13.28 (190.61)	177.50 (239.25)
Baseline covariates	Yes	Yes	Yes	Yes	Yes	Yes
Mean dep var	1,001.75	895.24	912.50	35.21	60.00	56.10
Observations	499	105	82	497	105	82
R-squared	0.09	0.18	0.20	0.03	0.10	0.10

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-XV

EXAMINING THE IMPORTANCE OF TEACHING OBEDIENCE TO CHILDREN<sup>a</sup>

	Indicator for 'Obedience' Being Reported as Important to Teach Children at Home		
	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)
Kuba ethnicity indicator	-0.063 (0.049)	-0.159* (0.085)	-0.202** (0.096)
Baseline covariates	Yes	Yes	Yes
Mean dep var	0.80	0.76	0.77
Observations	499	105	82
R-squared	0.02	0.13	0.11

<sup>a</sup>The table reports OLS estimates of equation (1). The dependent variable is an indicator that equals 1 if the respondent reports that 'obedience' is important to teach children at home. "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. Standard errors are clustered at the origin village level. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. Coefficients are reported with robust standard errors in parentheses. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-XVI  
ACCOUNTING FOR INCOME AND WEALTH<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG			Amount of Money Missing in UG		
	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)	(4)	(5)	(6)
Kuba ethnicity indicator	-90.48** (41.78)	-165.74** (71.04)	-207.04** (81.11)	59.44** (25.58)	140.07** (59.51)	150.89** (69.97)
First pc of income vars (height/weight not incl.)	4.04 (10.91)	19.82 (24.31)	35.26 (29.11)	-2.43 (6.68)	9.33 (20.36)	2.41 (25.11)
Baseline covariates	Yes	Yes	Yes	Yes	Yes	Yes
Mean dep var	1,001.75	895.24	912.50	35.07	60.00	56.10
Observations	499	105	82	499	105	82
R-squared	0.08	0.16	0.19	0.02	0.09	0.08

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. Coefficients are reported with robust standard errors in parentheses. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-XVII  
ACCOUNTING FOR INCOME AND WEALTH, ALSO USING HEIGHT AND WEIGHT MEASURES<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG			Amount of Money Missing in UG		
	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)	(4)	(5)	(6)
Kuba ethnicity indicator	-84.79* (43.19)	-151.61** (74.49)	-181.42** (82.99)	68.63** (26.54)	150.17** (63.21)	152.99** (73.19)
First pc of income vars (height/weight included)	-7.14 (11.39)	22.65 (26.20)	42.10 (30.72)	-3.92 (7.00)	6.81 (22.24)	-6.09 (27.09)
Baseline covariates	Yes	Yes	Yes	Yes	Yes	Yes
Mean dep var	1,006.60	887.50	907.69	34.04	64.29	58.97
Observations	470	98	78	470	98	78
R-squared	0.08	0.14	0.18	0.02	0.10	0.08

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. Coefficients are reported with robust standard errors in parentheses. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-XVIII  
ACCOUNTING FOR COLONIAL CONTACT<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG			Amount of Money Missing in UG		
	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)	(4)	(5)	(6)
Kuba ethnicity indicator	-103.25** (48.90)	-198.53* (109.34)	-253.64* (139.40)	51.00 (34.17)	134.54** (62.30)	164.74* (90.67)
Colonial indicators (within 30 km in 1951):						
Mission station	5.49 (36.08)	-99.57 (85.21)	22.74 (124.57)	18.07 (17.34)	-80.95 (74.80)	-109.67 (80.30)
Power station	0.46 (52.73)	-223.96 (166.14)	-266.83 (175.16)	-26.74 (20.55)	20.40 (34.22)	31.87 (40.18)
Railway line	57.56* (32.25)	-16.04 (122.93)	-23.54 (144.43)	25.71 (16.15)	26.76 (33.08)	25.69 (39.61)
Mine	-82.57* (44.46)			38.99* (23.00)		
Baseline covariates	Yes	Yes	Yes	Yes	Yes	Yes
Mean dep var	1,001.75	895.24	912.50	35.07	60.00	56.09
Observations	499	105	82	499	105	82
R-squared	0.09	0.20	0.22	0.03	0.10	0.10

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. Standard errors are clustered at the origin village level. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. Coefficients are reported with robust standard errors in parentheses. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.

TABLE A-XIX  
ACCOUNTING FOR ATTITUDES TOWARDS FORMER PRESIDENT MOBUTU<sup>a</sup>

	Average Amount Allocated to Other Party (of 3000CF) in the RAG			Amount of Money Missing in UG		
	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele	Kuba vs. all Others	Central Kuba vs. Lele	Bushong vs. Lele
	(1)	(2)	(3)	(4)	(5)	(6)
Kuba ethnicity indicator	-94.39** (42.72)	-199.44** (77.36)	-240.02** (93.39)	61.63** (27.45)	153.48** (69.10)	182.08** (85.06)
Attitudes towards Mobutu:						
Impact of Mobutu, 1-5 scale	-27.44 (19.19)	-73.49* (43.76)	-77.56 (52.63)	14.15 (12.33)	36.63 (39.08)	50.32 (47.93)
Perception of Mobutu, 1-5 scale	41.70** (17.39)	117.32*** (39.18)	82.35 (49.61)	-5.56 (11.17)	-15.57 (34.99)	-31.22 (45.19)
Mobutu ST-IAT D-Score	-41.74 (32.75)	26.08 (83.73)	166.30 (100.37)	17.51 (21.04)	1.23 (74.79)	-57.56 (91.41)
Baseline covariates	Yes	Yes	Yes	Yes	Yes	Yes
Mean dep var	1,011.96	905.91	927.46	37.07	67.74	64.79
Observations	464	93	71	464	93	71
R-squared	0.09	0.22	0.23	0.03	0.11	0.11

<sup>a</sup>The table reports OLS estimates of equation (1). "Kuba ethnicity indicator" is a variable that equals 1 if the individual's self-reported tribe is Kuba. All regressions control for a gender indicator, age, age squared, and a survey year fixed effect. \*, \*\*, and \*\*\* indicate significance at the 10, 5, and 1% levels.



TABLE A-XX  
ESTIMATES FROM NUNN AND WANTCHEKON (2011) OF THE RELATIONSHIP BETWEEN STATE  
CENTRALIZATION AND TRUST

	Reproduction of Estimates from Nunn and Wantchekon (2011)				
	Trust of Relatives, 0–3	Trust of Neighbors, 0–3	Trust of Local Council, 0–3	Intragroup Trust, 0–3	Intergroup Trust, 0–3
	(1)	(2)	(3)	(4)	(5)
Levels of political authority of ethnic group, 1–4	–0.0194 (0.0186)	–0.0338 (0.0208)	0.0027 (0.0146)	–0.0359 (0.0260)	–0.0410* (0.0232)
ln(1 + exports/area)	Yes	Yes	Yes	Yes	Yes
Ethnicity-level colonial controls	Yes	Yes	Yes	Yes	Yes
Individual controls	Yes	Yes	Yes	Yes	Yes
District controls	Yes	Yes	Yes	Yes	Yes
Country fixed effects	Yes	Yes	Yes	Yes	Yes
Mean of dep var	2.19	1.74	1.67	1.68	1.36
Observations	16,709	16,679	15,905	16,636	16,473
Ethnicity clusters	147	147	146	147	147
District clusters	1,187	1,187	1,194	1,186	1,184
R-squared	0.13	0.16	0.21	0.16	0.12

#### REFERENCE

NUNN, N., AND L. WANTCHEKON (2011): “The Slave Trade and Origins of Mistrust in Africa,” *American Economic Review*, 101 (7), 3221–3252. [17]

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