

Table 11 Resource dilution with polygamy interactions

	(1)	(2)	(3)
<i>Panel A. Historical data</i>			
	<i>Fraction children dead</i>		
Polygynous	0.029 (0.056)	0.011 (0.062)	0.064 (0.060)
Interaction with polygynous	-0.011** (0.005)	0.014 (0.015)	0.005 (0.010)
Children per living wife			0.027*** (0.004)
Children per wife		0.013** (0.006)	
Children (living + dead)	0.023*** (0.004)		
Observations	639	639	587
R^2	0.062	0.014	0.080
AET	2.154	0.369	-2.954
Delta	0.143	0.00466	-0.198
<i>Panel B. Modern data</i>			
	<i>Child died in first 5 years</i>		
Polygynous	0.043* (0.025)	0.079*** (0.017)	0.151*** (0.035)
Interaction with polygynous	0.009 (0.006)	0.082 (0.080)	-0.002*** (0.001)
Preceding birth interval (months)			-0.001*** (0.000)
Child multiple		0.145*** (0.026)	
Birth order number	0.007*** (0.002)		
Observations	11,295	11,295	8,562
R^2	0.011	0.017	0.016
AET	1.162	52.56	-2.126
Delta	0.00867	0.523	0.0143

Notes: Standard errors clustered by PSU in parentheses. All regressions are OLS and include a constant (not reported)

***Significant at 1 %, **Significant at 5 %, *Significant at 10 %

Table 12 Mediation: modern data controlling for fraction children

	(1)	(2)	(3)
<i>Panel A. Resource Dilution</i>			
	<i>Child died in first 5 years</i>		
Polygynous	0.075*** (0.015)	0.080*** (0.016)	0.086*** (0.017)
Fraction children	-0.078*** (0.020)	-0.091*** (0.021)	-0.107*** (0.023)
Preceding birth interval (months)			-0.001*** (0.000)
Child multiple		0.154*** (0.024)	
Birth order number	0.008*** (0.002)		
Observations	11,295	11,295	8,562
R ²	0.013	0.019	0.017
AET	14.34	-608.8	-15.93
Delta	0.121	-6.633	-0.0871

Notes: Standard errors clustered by PSU in parentheses. All regressions are OLS and include a constant (not reported)

***Significant at 1 %, **Significant at 5 %, *Significant at 10 %

Table 13 Additional mediation: modern data

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Panel A. Crowding</i>									
Polygynous	0.091*** (0.017)	0.081*** (0.016)	0.080*** (0.019)	0.086*** (0.019)	0.078*** (0.018)	0.091*** (0.021)	0.090*** (0.017)	0.081*** (0.016)	0.078*** (0.019)
Total number of rooms in the household	-0.000 (0.002)								
Number of children 5 and under in household (de jure)	-0.015*** (0.003)			-0.012*** (0.004)			-0.013*** (0.003)		
Number of household members (listed)	-0.004** (0.002)			-0.002 (0.002)			-0.005** (0.002)		
Total number of rooms in the household Per Person		0.016** (0.007)							
Total number of rooms in the household Per Child			0.005** (0.002)						
Share toilet with other households				0.016* (0.009)					
Share toilet with other households Per Person					0.130*** (0.035)				
Share toilet with other households Per Child						0.024 (0.017)			
Number of rooms used for sleeping							0.003 (0.003)		
Number of rooms used for sleeping Per Person								0.035*** (0.010)	

Table 13 continued

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Number of rooms used for sleeping Per Child									0.010*** (0.004)
Observations	11,289	11,289	7806	7556	7556	5137	11,268	11,268	7802
R ²	0.012	0.008	0.010	0.011	0.009	0.012	0.012	0.009	0.011
AET	-8.658	-86.90	-594.2	-15.80	34.82	-8.264	-8.775	-75.41	39.95
Delta	0.0221	0.000736	-1.262	0.0150	0.101	0.0261	0.0209	-0.0437	0.181

Notes: Standard errors clustered by PSU in parentheses. All regressions are OLS and include a constant (not reported)

***Significant at 1 %, **Significant at 5 %, *Significant at 10 %

Table 14 Polygamy and parental investments: modern data controlling for wealth and education

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Number of tetanus injections before birth	Prenatal care: Doctor	Birth care: Doctor	Breastfeeding duration	Antenatal visits	Received Polio 0 Vaccine	Received BCG Vaccine	Received DPT 1 Vaccine	Received polio 3 vaccine
Polygynous	-0.039 (0.071)	0.036 (0.037)	0.033 (0.038)	-0.038* (0.023)	-0.041* (0.023)	0.764 (1.975)	1.153 (1.744)	-0.778 (0.485)	-0.742 (0.487)
Observations	1847	1855	1855	3068	3068	3024	3024	1776	1776
R ²	0.045	0.052	0.161	0.102	0.111	0.004	0.386	0.090	0.095
Controls	W + E	W + E	Yes	W + E	Yes	W + E	Yes	W + E	Yes
AET	-2.744	10.65	10.65	-15.90	-15.90	-2.961	-2.961	20.68	20.68
Delta	0.0273	-0.0370	-0.0370	0.0672	0.0672	-0.720	-0.720	0.0592	0.0592
	Home delivery	Iron tablet	Received Polio 0 Vaccine	Received BCG Vaccine	Received DPT 1 Vaccine	Received Polio 0 Vaccine	Received BCG Vaccine	Received DPT 1 Vaccine	Received polio 3 vaccine
Polygynous	0.075** (0.036)	0.008 (0.025)	0.007 (0.024)	0.023 (0.036)	0.023 (0.036)	-0.008 (0.034)	-0.009 (0.034)	-0.034 (0.040)	-0.031 (0.039)
Observations	3104	1841	1841	2842	2842	2835	2835	2834	2834
R ²	0.140	0.021	0.023	0.064	0.065	0.076	0.078	0.056	0.078
Controls	W + E	W + E	Yes	W + E	Yes	W + E	Yes	W + E	Yes
AET	26.43	5.715	5.715	-81.88	-81.88	-10.54	-10.54	12.37	12.37
Delta	0.135	-0.00431	-0.00431	0.0117	0.0117	0.0117	0.0117	0.0471	0.0471
	Received polio 1 vaccine	Received DPT 2 vaccine	Received polio 2 vaccine	Received DPT 3 vaccine	Received polio 3 vaccine	Received DPT 3 vaccine	Received polio 3 vaccine	Received polio 3 vaccine	Received polio 3 vaccine
Polygynous	-0.056 (0.038)	-0.047 (0.043)	-0.044 (0.041)	-0.044 (0.039)	-0.041 (0.038)	-0.031 (0.041)	-0.031 (0.040)	0.050 (0.045)	0.056 (0.045)
Observations	2842	2834	2834	2842	2842	2834	2834	2842	2842
R ²	0.063	0.051	0.101	0.047	0.091	0.058	0.116	0.025	0.035

Table 14 continued

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Number of tetanus injections before birth	Prenatal care: Doctor	Birth care: Doctor	Birth care: Doctor	Doctor	Breastfeeding duration	Breastfeeding duration	Antenatal visits	Antenatal visits
Controls	W + E	W + E	Yes	W + E	Yes	W + E	Yes	W + E	Yes
AET	34.70	13.36	11.83	56.44	-8.350				
Delta	0.0911	0.0784	0.0675	0.0547	-0.0223				
Polygynous	Received measles vaccine	Received any vaccine							
	-0.001	-0.013	-0.013						
	(0.043)	(0.032)	(0.032)						
Observations	2838	2835	2835						
R ²	0.047	0.222	0.055						
Controls	W + E	W + E	Yes						
AET	-0.664	31.40	0.0175						
Delta	-0.00945								

Notes: Standard errors clustered by PSU in parentheses. All regressions are OLS and include a constant (not reported). Controls are multiple birth, female, year of birth, mother age and its square, head's age and its square, mother's education, and wealth index. "W + E" refers to the wealth index and mother's education

***Significant at 1 %, **Significant at 5 %, *Significant at 10 %

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