

# ONLINE APPENDIX TO: INTERGENERATIONAL ASSOCIATIONS AND THE FERTILITY TRANSITION

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## Appendix: Tables and Figures

ONLINE APPENDIX TABLE A.1. Demographic and Health Surveys in the Sample

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Benin: 1996, 2006	Malawi: 1992, 2000, 2004, 2010
Bolivia: 1994, 2003, 2008	Mali: 1995, 2001, 2006
Burkina Faso: 1999	Morocco: 1992, 2003
Burundi: 2010	Mozambique: 1997, 2003
Cambodia: 2000, 2005, 2010	Namibia: 1992, 2000
Cameroon: 1998, 2004	Nepal: 1996, 2006
Central African Republic: 1995	Nigeria: 2008
Chad: 1996, 2004	Peru: 1992, 1996, 2000, 2004
Congo, Democratic Republic: 2007	Philippines: 1993, 1998
Congo, Republic: 2005	Rwanda: 2000, 2005, 2010
Cote d'Ivoire: 1994	São Tomé & Príncipe: 2008
Dominican Republic: 2002, 2007	Senegal: 1992, 2005
Ethiopia: 2000, 2005, 2010	Sierra Leone: 2008
Gabon: 2000	South Africa: 1998
Guinea: 2000, 2005	Sudan: 2010
Haiti: 2000, 2005	Swaziland: 2007
Indonesia: 2012	Tanzania: 1996, 2004, 2010
Kenya: 2003, 2008	Togo: 1998
Lesotho: 2004, 2009	Zambia: 1996, 2001, 2007
Madagascar: 1992, 1997, 2004, 2008	Zimbabwe: 1994, 1999

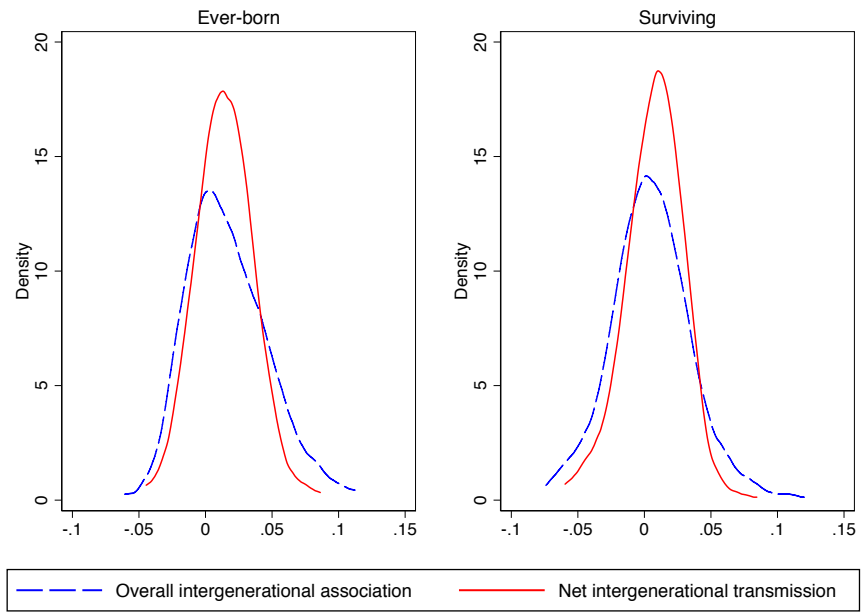
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ONLINE APPENDIX TABLE A.2. Aggregate Predictors of Intergenerational Fertility Associations at Age 25

	Ever-born		Surviving	
	(1)	(2)	(3)	(4)
<i>Log annual GDP per capita (PPP), Penn World Table</i>				
At birth	0.002 [0.012]	0.008 [0.013]	0.008 [0.012]	0.012 [0.014]
At age 20		-0.002 [0.020]		-0.009 [0.018]
<i>Urbanization rate (0-1), UN</i>				
At birth	0.001 [0.102]	-0.07 [0.087]	0.091 [0.089]	0.041 [0.070]
At age 20		-0.046 [0.084]		-0.043 [0.093]
<i>Infant mortality rate (0-1), UN</i>				
At birth	-0.001 [0.011]	-0.002 [0.010]	0.014 [0.013]	0.011 [0.012]
At age 20		-0.005 [0.010]		0.001 [0.014]
<i>Average adult years of education (25+), Barro-Lee</i>				
At birth	0.028 [0.012]	0.021 [0.013]	0.031 [0.013]	0.028 [0.017]
At age 20		0.018 [0.008]		0.010 [0.008]
<i>Std. dev. of adult years of education (25+), Barro-Lee</i>				
At birth	-0.019 [0.014]	-0.025 [0.015]	-0.020 [0.019]	-0.025 [0.021]
At age 20		0.004 [0.010]		0.003 [0.013]
# cells	150	150	150	150
# countries	31	31	31	31

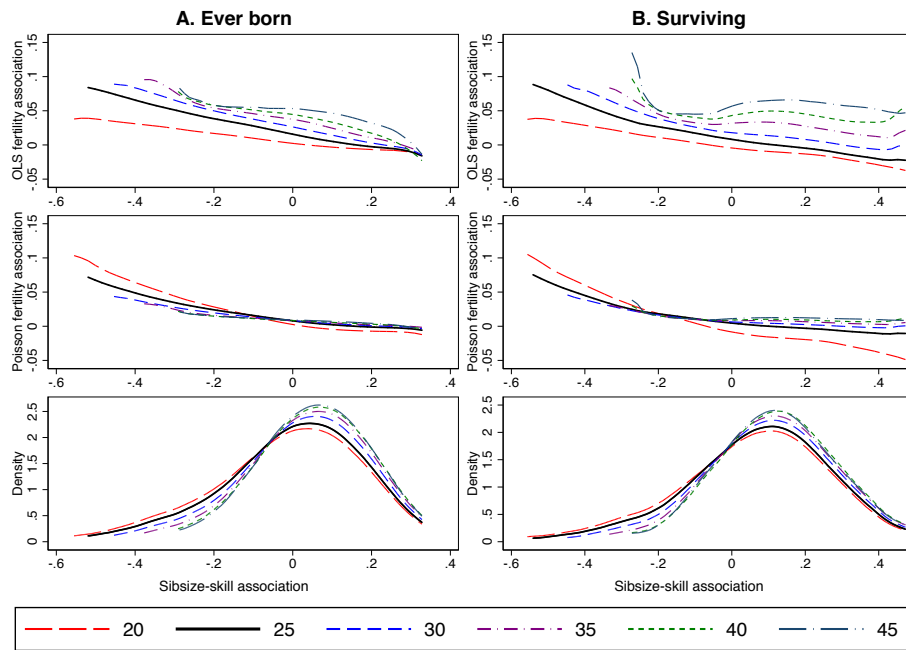
Notes: All regressions include country and cohort fixed effects. Brackets contain standard errors clustered at the country level. Outcomes are intergenerational fertility associations based on cumulative fertility at age 25. Urbanization and infant mortality rates are scaled between 0 and 1 to reduce the number of decimal places in the coefficients. The standard deviation of years of education is computed from the shares of individuals with no schooling, partial primary, complete primary, partial secondary, complete secondary, partial tertiary, and complete tertiary, assuming that dropouts completed half of their highest schooling level.

ONLINE APPENDIX FIGURE A.1. Density of Intergenerational Fertility Associations at Age 25



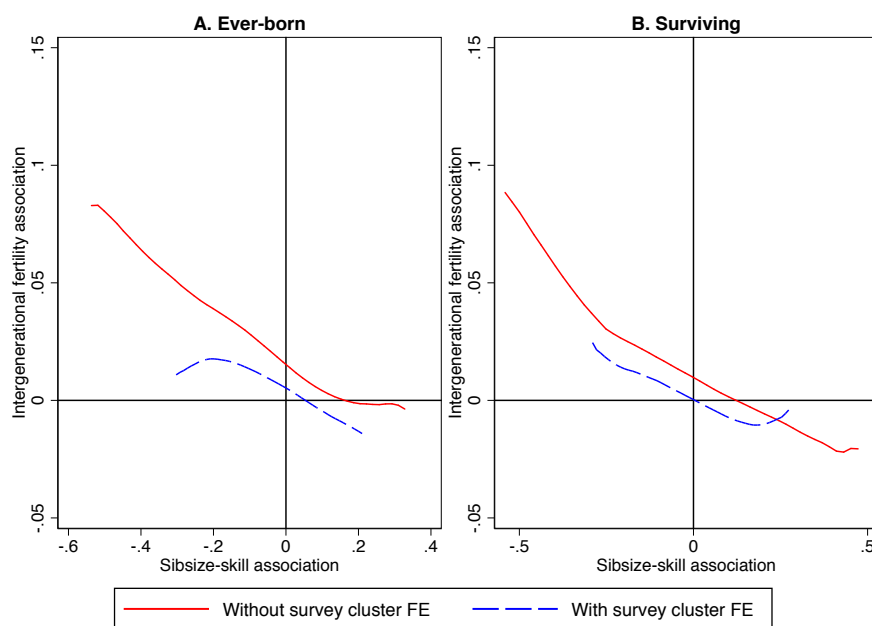
Note: Kernel density estimates with a bandwidth of 0.01. The intergenerational association is from a univariate regression, while net intergenerational transmission is from a regression that controls for education.

ONLINE APPENDIX FIGURE A.2. Sensitivity to Estimation Method and Age at Measurement



Note: Curves are local linear regressions and kernel densities with bandwidths of 0.1.

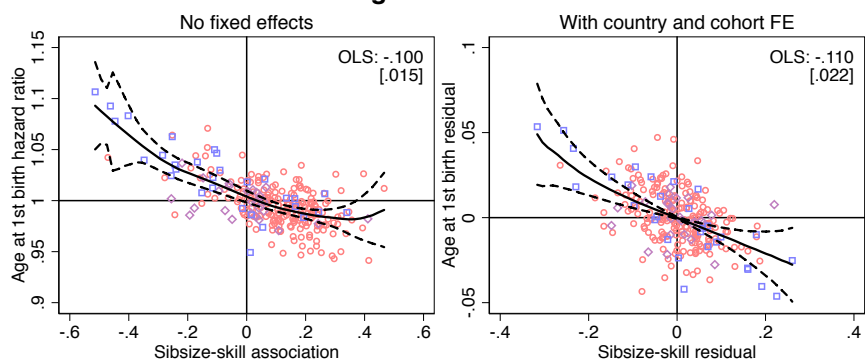
ONLINE APPENDIX FIGURE A.3. Role of Place



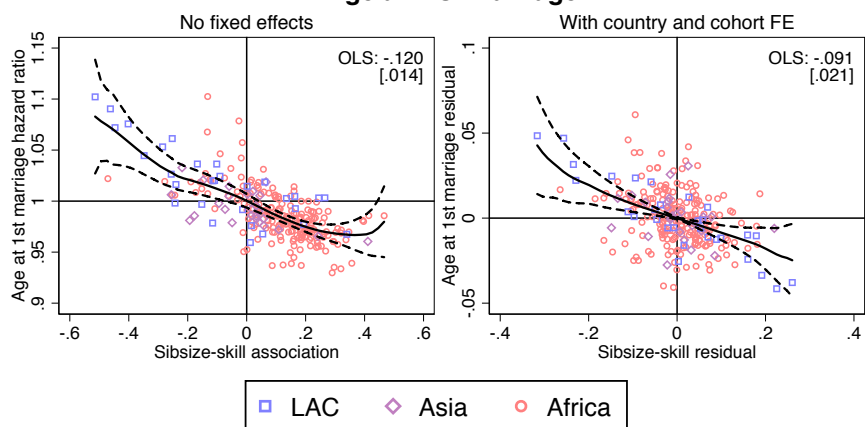
Note: Sample includes 581,143 women from 258 country-cohort cells with at least 250 observations. Curves are local linear regressions with bandwidths of 0.1. The solid red curve is based on the same associations represented in in Figure 4. For the dashed blue curve, the associations are re-estimated in a regression specification that includes survey cluster fixed effects. Estimates are based on based on cumulative ever-born fertility at age 25.

ONLINE APPENDIX FIGURE A.4. Role of Earlier Marriage and Childbearing

### A. Age at first birth



### B. Age at first marriage

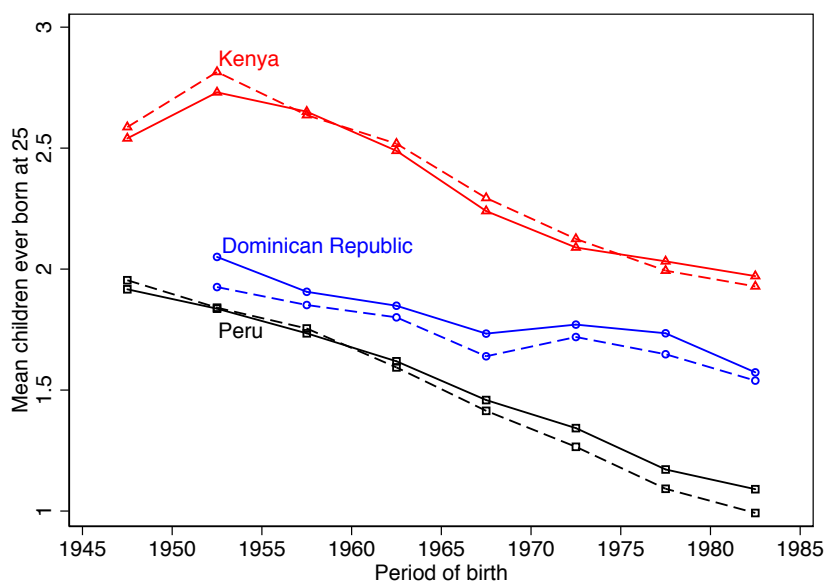


□ LAC    ◇ Asia    ○ Africa

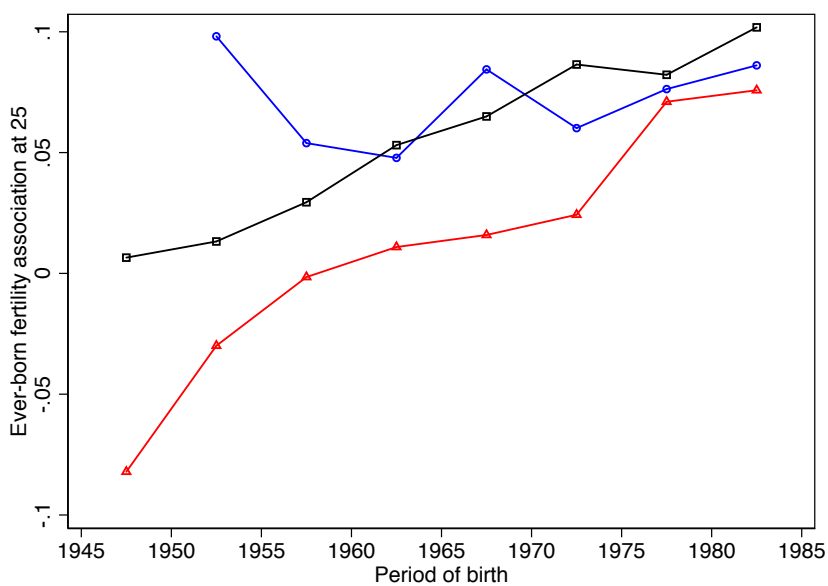
Note: Sample includes 581,143 women over 25 from 258 country-cohort cells with at least 250 observations. Solid curves are local linear regressions with bandwidths of 0.1; dashed curves are 95% confidence intervals based on bootstrapped pointwise standard errors. OLS results reported in the top right corner of each panel are slope coefficients from the analogous linear regressions, with bootstrapped standard errors in brackets. All estimations use surviving sibship size; results for ever-born sibship size are similar.

ONLINE APPENDIX FIGURE A.5. Cohort Fertility  
Trends in Bongaarts' Stalling Populations

A. Mean vs. Deweighted Mean



B. Intergenerational Fertility Associations



Note: In Panel A, the solid line is actual mean fertility, and the dashed line is deweighted mean fertility.