

Online appendix

Hayford, Sarah R. and Victor Agadjanian. "Spacing, Stopping, or Postponing? Fertility Desires in a Sub-Saharan Setting." *Demography*.

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Section 1: Sample characteristics

Table A1.1. Individual and household characteristics at Wave 2

	Percent in category or mean (SD)
Number of living children	3.1 (1.7)
Age of youngest living child (years)	
<2	37.1
2-4	39.6
5-9	13.5
10+ /no living children	9.8
Age (years)	
<24	19.6
25-29	29.2
30-34	26.0
35-39	15.4
40 and over	9.8
Marital status	
Not married	7.7
Married to non-migrant	61.2
Married to successful migrant	22.3
Married to unsuccessful migrant	16.4
Education and economic resources	
No formal schooling	27.4
1-4 years of schooling	43.4
5 or more years of schooling	29.2
Household wealth index (range: 1-4)	2.0 (1.0)
Household owns cattle	32.5
Days in past week ate meat, chicken, fish	1.7 (1.7)
Health	
Very worried about HIV	48.3
Good self-rated health (vs. poor/so-so)	75.6
N	1785

Women interviewed in the second wave with nonmissing data on dependent and independent variables included in models predicting fertility desires (Table 3).

Table A1.2. Between-wave changes in individual and household characteristics

	% experiencing change or mean change, Wave 2 – Wave 3
Demographic characteristics	
Birth between waves/pregnant at interview	51.7
Child death (%)	4.2
Marital dissolution (%)	7
New marriage (%)	1.2
Change in husband's migration status	
To successful migrant (%)	9.4
To unsuccessful migrant (%)	10.4
Returned migrant (%)	18.2
Change in health	
More worried about HIV (%)	17.3
Less worried about HIV (%)	31.2
Better self-rated health (%)	15
Worse self-rated health (%)	15.4
Change in economic conditions	
Subjective relative improvement (%)	16.9
Subjective relative worsening (%)	12.8
New cattle ownership (%)	8.2
Loss of cattle ownership (%)	5.7
Days ate meat, chicken, or fish (mean)	0.61
N	1519

Women interviewed in two adjacent waves of data collection with nonmissing data on dependent and independent variables included in models predicting changes in fertility desires (Table 5).

Section 2: Supplementary longitudinal analysis

Table A2.1. Multinomial logistic regression predicting desires at Wave 2 from desires at Wave 1 and between-wave changes in individual and household characteristics

	Later vs. soon			Later vs. stop		
Intercept	-2.19	0.30	***	1.35	0.32	***
Characteristics in previous wave						
Number of living children	0.19	0.07	**	-0.36	0.06	***
Age 25 and under (ref.)						
Age 26-30	0.03	0.20		-0.22	0.20	
Age 31 and older	0.27	0.25		-0.53	0.23	*
No formal schooling (ref.)						
1-4 years of schooling	0.00	0.19		-0.17	0.19	
5 or more years of schooling	-0.12	0.21		-0.23	0.21	
Desires in previous wave						
Want to have a child soon (ref.)						
Want to delay	0.43	0.18	*	-0.01	0.18	
Want to stop	0.35	0.25		-1.11	0.22	***
Demographic change						
Birth between waves/pregnant at interview	1.71	0.20	***	-0.26	0.21	
Child death	-0.17	0.29		0.33	0.30	
Marital dissolution	0.87	0.29	**	-0.46	0.26	+
Change in husband's migration status						
To successful migrant	-0.37	0.24		0.14	0.26	
To unsuccessful migrant	0.11	0.25		0.01	0.25	
Returned migrant	-0.32	0.22		-0.08	0.22	
Change in health						
More worried about HIV	0.38	0.28		-0.02	0.27	
Less worried about HIV	-0.02	0.17		-0.14	0.16	
Change in economic conditions						
New cattle ownership	0.18	0.25		0.16	0.25	
Loss of cattle ownership	0.15	0.30		-0.22	0.28	
-2 log likelihood				2345		

Women interviewed in Waves 1 and 2 with nonmissing data on all measures. N=1355. For measures of between-wave changes, reference category is no change. +: p<.10; *: p<.05; **: p<.01; ***: p<.001.

Table A2.2. Multinomial logistic regression predicting desires at Wave 3 from desires at Wave 2 and between-wave changes in individual and household characteristics

	Later vs. soon			Later vs. stop		
Intercept	-2.38	0.30	***	1.83	0.32	***
Characteristics in previous wave						
Number of living children	0.24	0.07	***	-0.42	0.06	***
Age 25 and under (ref.)						
Age 26-30	0.03	0.20		-0.51	0.20	*
Age 31 and older	-0.34	0.23		-1.05	0.23	***
No formal schooling (ref.)						
1-4 years of schooling	0.21	0.20		-0.27	0.19	
5 or more years of schooling	0.43	0.22	*	-0.37	0.21	+
Desires in previous wave						
Want to have a child soon (ref.)						
Want to delay	0.40	0.19	*	-0.37	0.19	+
Want to stop	0.74	0.22	***	-1.12	0.19	***
Demographic change						
Birth between waves/pregnant at interview	1.62	0.17	***	-0.06	0.17	
Child death	-0.65	0.37	+	0.59	0.40	
Marital dissolution	1.41	0.36	***	-0.03	0.29	
New marriage	0.13	0.65		0.41	0.67	
Change in husband's migration status						
To successful migrant	-0.55	0.27	*	-0.03	0.27	
To unsuccessful migrant	-0.14	0.25		0.22	0.25	
Returned migrant	-0.08	0.21		-0.17	0.20	
Change in health						
More worried about HIV	0.04	0.22		0.20	0.21	
Less worried about HIV	0.27	0.18		0.22	0.17	
Change in economic conditions						
New cattle ownership	0.06	0.29		0.16	0.27	
Loss of cattle ownership	0.75	0.34	*	0.32	0.29	
-2 log likelihood			2417			

Women interviewed in Waves 2 and 3 with nonmissing data on all measures. N=1547. For measures of between-wave changes, reference category is no change. +: p<.10; *: p<.05; **: p<.01; ***: p<.001.

Table A2.3: Between-wave changes in individual and household characteristics included in supplementary models

	% experiencing change, Wave 1 – Wave 2	% experiencing change, Wave 2 – Wave 3
Demographic characteristics		
Birth between waves/pregnant at interview	71.4	51.3
Child death	6.9	4.1
Marital dissolution	10.4	6.9
New marriage	--	1.2
Change in husband's migration status		
To successful migrant	11.5	9.5
To unsuccessful migrant	11.2	10.3
Returned migrant	16.0	18.3
Change in worry about HIV		
More worried	8.7	17.3
Less worried	41.6	31.5
Change in economic conditions		
New cattle ownership	10.5	8.3
Loss of cattle ownership	7.9	5.7
N	1355	1547

Women interviewed in two adjacent waves of data collection with non-missing data on all measures included in models predicting changes in fertility desires (Tables A2.1, A2.2).