ONLINE APPENDIX TO: ENDOGENOUS CHILDLESSNESS AND STAGES OF DEVELOPMENT - ONLINE APPENDIX

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Appendix E

E.1. Details on IPUMS International data

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TABLE E.1. Census data and number of (unweighted) observations.

Country Code	Country Name	Year	Number of Men		Number of Women	
			Single	Married	Single	Married
ARG	Argentina	1991	46,379	426,773	26,991	258,630
BOL	Bolivia	2001	8,290	64,465	5,093	37,566
BRA	Brazil	2000	80,626	1,010,146	56,802	564,511
CHL	Chile	2002	27,772	160,298	21,439	97,221
COL	Colombia	2005	85,217	381,504	48,497	200,283
CRI	Costa Rica	2000	5,141	36,467	3,704	19,904
DOM	Dominican Republic	2010	12,419	98,769	2,596	47,895
ECU	Ecuador	2010	18,517	132,191	12,961	74,013
HTI	Haiti	2003	6,781	62,523	3,310	38,288
JAM⋆	Jamaica	2001	7,449	13,907	3,347	5,292
MEX	Mexico	2010	94,945	1,042,567	79,231	685,238
NIC	Nicaragua	2005	5,520	40,876	3,207	20,679
PAN	Panama	2010	8,059	36,328	2,870	19,506
PER	Peru	2007	37,697	272,159	17,747	158,823
SAL	El Salvador	2007	8,460	50,713	7,955	26,518
URY	Uruguay	1996	3,895	30,167	2,007	18,306
VEN	Venezuela	2001	43,288	215,939	24,189	113,766
CAM	Cameroun	2005	10,861	77,613	9,406	41,470
GHA	Ghana	2010	10,734	177,005	5,158	111,832
KEN	Kenya	1999	3,408	58,019	3,194	38,857
LBR	Liberia	2008	3,292	20,460	1,773	11,222
MAR	Morocco	2004	6,926	126,201	8,832	88,500
MLI⋆	Mali	2009	2,580	45,461	1,435	19,505
MWI	Malawi	2008	1,408	66,764	727	40,179
RWA	Rwanda	2002	1,699	37,269	1,380	22,497
SEN	Senegal	2002	3,088	47,298	1,504	17,971
SLE	Sierra Leone	2004	4,976	31,750	1,552	12,095
TZA	Tanzania	2002	13,385	208,581	9,255	127,062
UGA	Uganda	2002	8,258	109,317	3,168	51,260
ZAF⋆⋆	South Africa	2001	53,426	256,875	48,298	141,424
ZMB	Zambia	2010	1,897	56,025	1,460	36,646
IDN	Indonesia	1995	679	55,683	1,019	39,049
KHM	Cambodia	2008	2,219	116,660	5,513	83,624
THA	Thailand	2000	3,355	63,908	3,983	42,815
VNM⋆	Vietnam	2009	20,335	1134199	41,053	746,960
WBG	Palestine	1997	202	15,217	837	8,711
	Total		653,183	6,780,097	471,493	4,068,118

Note: Country code in bold indicates the countries for which DHS samples are available.
 ⋆ indicates countries where women are aged 40-49. ⋆⋆ indicates countries where women are aged 40-50.
The age range of men differs by country according to Table E.2 of Appendix E.1.

TABLE E.2. 5th and 95 percentiles for the age of the spouse of married monogamous women.

Cntry	5%	95%	Cntry	5%	95%	Cntry	5%	95%
ARG	38	62	PER	37	63	SLE	35	80
BOL	37	62	SAL	36	66	TZA	41	72
BRA	37	63	URY	38	63	UGA	39	71
CHL	38	62	VEN	36	64	ZAF	39	62
COL	37	65	CAM	41	70	ZMB	42	68
CRI	37	63	GHA	40	70	IDN	42	63
DOM	35	66	KEN	42	69	KHM	38	61
ECU	37	63	LBR	39	66	THA	39	61
HTI	38	67	MAR	42	66	VNM	40	54
JAM	35	62	MLI	44	70	WBG	42	67
MEX	39	63	MWI	41	68			
NIC	36	65	RWA	40	67			
PAN	36	64	SEN	42	75			

TABLE E.3. Percentage of men and women by marital status and country.

Cntry	Men					Cntry	Women				
	(1)	(2)	(3)	(4)	(5)		(1)	(2)	(3)	(4)	(5)
ARG	0.091	0.840	0.000	0.049	0.020	**ARG**	0.081	0.778	0.000	0.081	0.060
BOL	0.105	0.818	0.000	0.039	0.037	**BOL**	0.102	0.755	0.000	0.071	0.071
BRA	0.067	0.840	0.000	0.080	0.013	**BRA**	0.072	0.716	0.000	0.152	0.060
CHL	0.135	0.781	0.000	0.068	0.016	**CHL**	0.155	0.704	0.000	0.102	0.039
COL	0.168	0.752	0.000	0.062	0.019	**COL**	0.163	0.674	0.000	0.105	0.058
CRI	0.115	0.813	0.000	0.063	0.010	**CRI**	0.131	0.706	0.000	0.129	0.034
DOM	0.090	0.718	0.000	0.177	0.015	**DOM**	0.036	0.658	0.000	0.258	0.048
ECU	0.111	0.791	0.000	0.083	0.015	**ECU**	0.123	0.703	0.000	0.133	0.041
HTI	0.091	0.836	0.000	0.045	0.028	**HTI**	0.068	0.788	0.000	0.077	0.066
JAM	0.333	0.621	0.000	0.034	0.012	**JAM**	0.368	0.582	0.000	0.033	0.017
MEX	0.078	0.859	0.000	0.044	0.019	**MEX**	0.088	0.760	0.000	0.094	0.058
NIC	0.110	0.813	0.000	0.059	0.018	**NIC**	0.103	0.663	0.000	0.170	0.065
PAN	0.163	0.735	0.000	0.091	0.011	**PAN**	0.102	0.692	0.000	0.179	0.027
PER	0.114	0.821	0.000	0.046	0.019	**PER**	0.087	0.778	0.000	0.090	0.045
SAL	0.135	0.810	0.000	0.040	0.015	**SAL**	0.196	0.655	0.000	0.090	0.058
URY	0.104	0.808	0.000	0.073	0.015	**URY**	0.082	0.744	0.000	0.129	0.045
VEN	0.154	0.767	0.000	0.067	0.013	**VEN**	0.140	0.658	0.000	0.156	0.047
CAM	0.095	0.681	0.160	0.029	0.036	**CAM**	0.112	0.492	0.197	0.049	0.150
GHA	0.051	0.840	0.000	0.082	0.027	**GHA**	0.033	0.724	0.000	0.142	0.100
KEN	0.044	0.750	0.158	0.030	0.019	**KEN**	0.050	0.607	0.192	0.044	0.107
LBR	0.123	0.766	0.048	0.045	0.017	**LBR**	0.108	0.682	0.043	0.064	0.104
MAR	0.051	0.928	0.000	0.012	0.009	**MAR**	0.077	0.772	0.000	0.053	0.098
MLI	0.033	0.574	0.371	0.006	0.016	**MLI**	0.031	0.422	0.465	0.014	0.068
MWI	0.019	0.922	0.000	0.037	0.022	**MWI**	0.014	0.751	0.000	0.106	0.129
RWA	0.038	0.835	0.062	0.015	0.050	**RWA**	0.033	0.540	0.086	0.034	0.307
SEN	0.044	0.677	0.262	0.009	0.008	**SEN**	0.032	0.380	0.506	0.024	0.057
SLE	0.092	0.588	0.258	0.039	0.023	**SLE**	0.061	0.478	0.297	0.042	0.122
TZA	0.054	0.849	0.000	0.063	0.033	**TZA**	0.051	0.703	0.000	0.123	0.123
UGA	0.050	0.656	0.186	0.072	0.037	**UGA**	0.032	0.519	0.166	0.113	0.171
ZAF	0.160	0.767	0.003	0.046	0.024	**ZAF**	0.214	0.626	0.000	0.078	0.082
ZMB	0.030	0.893	0.000	0.041	0.036	**ZMB**	0.027	0.682	0.000	0.111	0.180
IDN	0.012	0.945	0.000	0.010	0.033	**IDN**	0.022	0.829	0.000	0.036	0.113
KHM	0.018	0.957	0.000	0.010	0.014	**KHM**	0.053	0.804	0.000	0.050	0.093
THA	0.048	0.908	0.000	0.017	0.027	**THA**	0.076	0.812	0.000	0.034	0.078
VNM	0.017	0.960	0.000	0.013	0.010	**VNM**	0.047	0.857	0.000	0.031	0.065
WBG	0.013	0.972	0.000	0.005	0.010	**WBG**	0.079	0.821	0.000	0.020	0.080

Notes: (1): single/never married, (2): monogamous marriage/in union (monogamous), (3): polygamous marriage, (4): separated/divorced/spouse absent, and (5): widowed.

TABLE E.4. Average education, female and male, and gender wage gaps by country.

	e_f	e_m	γ		e_f	e_m	γ
ARG	7.83	7.79	0.82	GHA	5.44	7.79	0.79
BOL	5.46	7.53	0.84	KEN	3.83	5.44	0.78
BRA	5.97	5.77	0.80	LBR	2.42	6.08	0.79 ⋆
CHL	9.40	9.49	0.76	MAR	2.15	3.60	0.67
COL	7.30	6.87	0.82	MLI	1.08	1.78	0.67
CRI	7.54	7.50	0.83	MWI	3.15	5.24	0.79 ⋆
DOM	8.05	7.37	0.79	RWA	1.99	3.22	0.78
ECU	8.90	8.80	0.79 ⋆	SEN	2.18	3.07	0.79 ⋆
HTI	1.59	2.60	0.78	SLE	1.79	3.44	0.78
JAM	11.34	10.47	0.81	TZA	2.82	4.29	0.79
MEX	8.16	8.48	0.79	UGA	2.96	5.33	0.81
NIC	5.31	5.40	0.88	ZAF	6.65	6.86	0.86
PAN	10.03	9.39	0.82	ZMB	5.53	7.79	0.72
PER	7.96	9.20	0.78	IDN	4.82	5.91	0.76
SAL	5.59	6.25	0.76	KHM	3.27	5.24	0.75
URY	8.16	7.43	0.78	THA	4.83	5.55	0.79
VEN	7.39	7.28	0.81	VNM	8.00	8.50	0.79
CAM	5.14	6.22	0.75	WBG	6.12	8.03	0.79 ⋆

Note: ⋆ indicates that we used the average of the sample value for the respective countries, due to a lack of information.

E.2. Details on DHS data

TABLE E.5. Alternative measures of uncontrolled fertility - data from DHS.

Cntry	Year	Measures						Regres. coef.	
		1	2	3	4	5	6	$a_j * 10$	b_j
BOL	2008	0.713	0.374	0.313	0.207	0.696	0.314	-0.018	0.419
BRA	1996	0.491	0.281	0.238	0.141	0.548	0.273	-0.025	0.436
COL	2010	0.385	0.236	0.159	0.033	0.464	0.282	-0.028	0.462
DOM	2007	0.334	0.165	0.129	0.036	0.358	0.031	-0.017	0.274
ECU	1987	0.609			0.246	0.299			
HTI	2012	0.693	0.335	0.278	0.193	0.497	0.275	-0.022	0.420
MEX	1987	0.665			0.319	0.720			
NIC	2001	0.639	0.347	0.303	0.217	0.572	0.150	-0.019	0.419
PER	2012	0.540	0.392	0.307	0.085	0.479	0.307	-0.031	0.602
GHA	2008	0.388	0.239	0.159	0.032	0.256	0.409	-0.014	0.305
KEN	2008-9	0.539	0.294	0.237	0.108	0.394	0.214	-0.004	0.305
LBR	2013	0.427	0.145	0.105	0.069	0.144	0.139	-0.007	0.183
MAR	2003-4	0.588	0.373	0.264	0.133	0.379	0.396	-0.025	0.443
MLI	2012-13	0.349	0.075	0.048	0.030	0.078	0.092	-0.007	0.116
MWI	2010	0.572	0.315	0.260	0.124	0.416	0.184	-0.025	0.372
RWA	2010	0.686	0.516	0.432	0.157	0.309	0.376	-0.015	0.576
SEN	2012-13	0.416	0.045	0.027	0.041	0.122	0.055	-0.003	0.057
SLE	2013	0.347	0.082	0.045	0.050	0.059	0.09	-0.005	0.118
UGA	2011	0.568	0.223	0.191	0.122	0.373	0.149	-0.007	0.252
ZAF	1998	0.366	0.201	0.116	0.033	0.372	0.197	-0.011	0.265
ZMB	2007	0.443	0.200	0.157	0.090	0.298	0.175	-0.003	0.189
IDN	2012	0.316	0.185	0.108	0.026	0.224	0.276	-0.007	0.211
KHM	2010	0.420	0.260	0.174	0.050	0.235	0.292	-0.019	0.339
THA	1987	0.602			0.088	0.402			
VNM	2002	0.490	0.419	0.211	0.026	0.354	0.549	-0.024	0.537

E.2.1. Missing Countries

For some countries listed in Table E.1, the data needed to calculate measure 2 are not available. For these countries, we use the estimates of the "closest country" with respect to the pattern of the completed fertility of married mothers, by years of schooling. In practice, we regressed the means of the completed fertility of married mothers for each year of schooling of the country lacking DHS data on unwanted births on the completed fertility of married mothers for each year of schooling of another country with DHS data on unwanted births, on the same continent. These means were taken from our samples from IPUMS international. In the regression, we used the number of observations by years of schooling of the country lacking DHS data as weights.

The "closest country" was the one for which the R^2 was the highest. Table E.6 shows the countries for which there was no data on unwanted births in DHS in the "missing countries" column and the countries for which we used the estimates in the "used countries" column.[1]

TABLE E.6. Countries coupled when there was no data on unwanted births in DHS.

Missing countries → Used countries	Missing countries → Used countries
ARG → BRA	SAL → NIC
CHL → DOM	URY → NIC
CRI → NIC	VEN → DOM
ECU → DOM	CAM → KEN
JAM → BOL	TZA → KEN
MEX → NIC	THA → KHM
PAN → NIC	WBG → KHM

E.2.2. Predicted Values for all Education Levels

DHS provides two measures of educational attainment, respectively close to years of schooling and educational attainment in IPUMS International. Our exploration of these data gave us more confidence in the variable similar to educational attainment, which divides the population into four education categories: "no school", "primary education", "secondary education" and "higher education". To obtain values for all years of educations, the following linear regression model appears to be the best bivariate regression model of the percentage of women who do not control fertility $1 - \kappa_j(e_i)$:

$$1 - \kappa_j(e_i) = a_j e_i + b_j + \varepsilon_{ij} \qquad (\text{E.1})$$

where i denotes a woman, j a country and $\varepsilon_{ij} \sim \mathcal{N}(0, \sigma_j^2)$. Table E.5 shows the estimated values of a_j and b_j for all the countries for which we have the data. For countries for which that data is missing, we use the estimates of the "closest country" as explained in Appendix E.2.1. The gradient of the relationship between the probability of not controlling her fertility and the woman's education is always significantly negative.[2] Final probabilities of being a woman who cannot control fertility, by country and education are provided in Table E.16 of this Online Appendix.

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1. For Cameroon the estimate of the coefficient relating education to the probability of not controlling fertility was positive. This is not plausible so we decided to use the estimate for Kenya.

2. The correlation between our measure of uncontrolled fertility and the % of desired fertility proposed in Pritchett (1994a, pp. 44-45) for the countries included in both studies equals 0.66.

E.3. Empirical Moments

TABLE E.7. Completed fertility of mothers – married.

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
ARG	5.37	4.95	4.64	4.14	3.87	3.69	2.94	2.93	2.78	2.73	2.68	2.70	2.56	2.63	2.64	2.64	2.63	2.67	2.57	3.18
BOL	5.46	5.25	5.27	5.15	5.19	4.87	4.67	4.56	4.33	4.15	4.16	4.02	3.36	3.27	3.11	2.93	3.02	2.68		4.70
BRA	5.23	4.75	4.41	3.97	3.37	3.34	3.07	2.95	2.80	2.72	2.62	2.47	2.37	2.32	2.29	2.24	2.22	2.24		3.49
CHL	3.77	3.52	3.89	3.72	3.55	3.47	3.32	3.17	3.04	2.87	2.89	2.84	2.64	2.54	2.52	2.55	2.53	2.53	2.57	2.96
COL	5.14	4.57	4.38	4.15	3.94	3.47	3.16	3.03	2.92	2.81	2.76	2.53	2.34	2.36	2.26	2.23	2.19	2.21		3.34
CRI	5.58	5.06	5.00	4.69	4.61	4.45	3.81	3.59	3.41	3.27	3.15	2.96	2.80	2.81	2.81	2.79	2.70	2.71	2.54	3.75
DOM	4.26	4.12	4.06	3.96	3.86	3.71	3.58	3.53	3.34	3.21	3.07	3.00	2.85	2.73	2.72	2.68	2.58	2.56	2.56	3.39
ECU	5.50	4.90	4.71	4.78	4.74	4.53	4.15	3.91	3.64	3.31	3.27	3.20	2.92	2.71	2.63	2.61	2.52	2.47	2.43	3.68
HTI	4.97	4.79	4.62	4.67	4.55	4.40	4.26	3.90	3.84	3.73	3.83	3.04	2.95	2.73				2.58	2.45	4.77
JAM						4.72	4.66	4.53	4.47	4.34	4.02	3.97	3.83	3.57	3.27	2.92	2.51	2.58	2.31	3.78
MEX	5.19	4.86	4.77	4.54	4.40	4.24	3.71	3.47	3.31	3.13	2.71	2.72	2.61	2.66	2.53	2.45	2.42	2.35	2.29	3.51
NIC	6.61	6.14	5.99	5.63	5.23	4.91	4.48	4.02	3.93	3.60	3.55	3.12	2.97	2.79	2.85	2.64	2.57	2.39		5.02
PAN	5.88	5.07	5.59	5.35	5.26	5.28	4.07	3.79	3.57	3.25	3.25	3.27	2.71	2.61	2.48	2.36	2.32	2.21	2.22	3.44
PER	5.43	5.24	5.15	4.98	4.80	4.36	4.35	4.04	3.91	3.81	3.68	3.15	2.76		2.58	2.46				3.87
SAL	4.84	4.67	4.59	4.30	4.10	3.80	3.55	3.40	3.30	2.94	2.73	2.76	2.63	2.78	2.58	2.49	2.53	2.43	2.39	3.84
URY	3.59	3.99	3.92	3.80	3.64	3.33	3.05	2.91	2.87	2.55	2.51	2.33	2.53	2.45	2.48	2.50	2.40	2.34		2.90
VEN	6.03	5.21	5.28	5.12	5.16	4.89	4.26	3.99	3.70	3.43	3.37	2.92	2.55	2.60	2.48	2.52	2.51	2.44		3.93

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
CAM	5.04	4.89	5.09	5.07	5.14	5.22	5.22	5.07	5.00	4.78	4.76	4.53	4.47	4.37	4.20	3.87	4.07	3.71	3.83	**4.98**
GHA	5.26	5.05	5.19	5.07	4.84	5.04	4.73	4.90	4.66	4.44	4.21	3.84	3.51	3.44	3.62	3.34	3.42	3.31	3.24	**4.71**
KEN	6.43	6.71	6.71	6.72	6.68	6.70	6.48	6.30	6.02	5.70	5.35	4.85		4.31			3.57			**6.27**
LBR	5.34	5.22	5.87	5.28	5.83	5.48	5.37	5.45	5.33	5.15	5.16	5.52	4.62	4.55	4.32		3.92	3.82		**5.27**
MAR	5.30	4.26	4.06	4.21	4.13	3.94	3.80	3.65	3.61	3.31	3.18	3.14	2.83	2.69	2.60	2.70	2.52	2.49	2.54	**4.86**
MLI	5.11	5.27	5.16	5.32	5.43	5.12	5.14	5.15	4.69	4.56	4.02	3.87	3.31	3.53	4.25		3.76		3.50	**5.08**
MWI	5.25	5.40	5.49	5.38	5.46	5.45	5.49	5.48	5.42	5.17	4.99	4.94	4.47	4.11	4.37	3.74	3.60			**5.30**
RWA	5.63	5.67	5.77	5.65	5.69	5.68	5.65	5.54	5.38	5.23	5.58	4.97	4.63							**5.63**
SEN	5.47	5.74	5.87	5.26	5.60	5.34	5.46	5.14	5.24	5.01	4.74	4.51	4.17	4.12	4.25	3.69	3.46	3.54	3.08	**5.34**
SLE	4.68	5.14	4.95	5.21	4.66	4.86	4.91	4.58			3.98			3.69			2.96			**4.62**
TZA	6.14	6.33	6.32	6.41	6.45	6.31	6.34	5.81	5.60	5.69	6.06	4.69		4.04			4.87			**6.07**
UGA	6.13	6.39	6.54	6.57	6.67	6.59	6.75	6.69	6.66	6.36	6.27	5.77	6.41	5.38	5.50			4.18		**6.30**
ZAF	4.40	4.22	4.15	4.24	4.17	4.05	3.95	3.83	3.60	3.51	3.07	3.09	2.70				2.62			**3.61**
ZMB	5.63	5.78	5.87	5.96	5.91	5.85	5.98	5.84	5.74	5.49	5.51	5.46	4.93		4.49		3.38			**5.64**
IDN	4.00	4.21	4.08	4.33	4.30	4.31	4.18	4.43	4.25	4.12	3.73	4.14	3.52	3.14	3.38	2.96	2.80			**4.09**
KHM	4.65	4.72	4.54	4.47	4.30	4.22	4.10	3.90	3.87	3.83	4.12	4.14	3.57	3.13			2.42			**4.38**
THA	3.19	2.87	2.88	2.82	2.66	2.51	2.47	2.36	2.67	2.29	2.20	2.13	2.09	2.03			1.98	2.01		**2.64**
VNM	3.16	3.33	3.26	3.14	3.04	2.88	2.86	2.79	2.72	2.69	2.42	2.18	2.29		2.07	2.07	1.93	1.91	1.86	**2.69**
WBG	8.02	8.15	8.28	7.94	7.77	7.94	7.49	7.76	7.30	7.44	7.65	7.15	6.50		5.61		4.36	3.83		**7.39**
All	**5.02**	**4.68**	**4.43**	**4.30**	**3.37**	**3.85**	**3.92**	**3.73**	**3.27**	**3.18**	**3.32**	**2.75**	**2.79**	**2.71**	**2.83**	**2.41**	**2.40**	**2.34**	**2.51**	**3.75**

TABLE E.8. Completed fertility of mothers – singles.

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
ARG	3.49	3.19	3.13	2.77	2.74	2.53	2.14	2.02	1.76	2.11	1.59	1.59	1.45	1.80	1.47	1.54	1.38	1.31	1.46	**2.32**
BOL	3.43	3.38	3.44	3.55	3.45	3.37	3.28	3.37	3.50	2.73	2.96	2.80	2.17	1.85	1.94	1.92	1.66	1.49		**3.01**
BRA	2.55	2.24	2.17	1.86	1.76	1.86	1.71	1.60	1.59	1.45	1.43	1.30	1.21	1.27	1.22	1.16	1.23	1.14		**1.71**
CHL	2.65	2.49	2.76	2.55	2.48	2.53	2.37	2.28	2.19	2.03	2.00	2.13	1.78	1.66	1.65	1.52	1.55	1.55	1.65	**2.07**
COL	3.66	3.33	3.16	2.97	2.72	2.58	2.28	2.29	2.18	2.10	1.97	1.76	1.74	1.58	1.52	1.42	1.39	1.41		**2.40**
CRI	4.02	4.26	3.91	3.90	3.94	3.42	2.85	3.11	2.71	2.51	2.14	2.18		2.18	1.70	1.93	1.71	1.51		**2.91**
DOM	3.33		3.00	2.74	3.47	2.82	3.61	3.18	2.67	2.64	2.57	2.33	2.26				1.58	1.86	2.10	**2.66**
ECU	3.26	3.66	3.38	3.11	3.19	3.32	2.88	3.16	2.70	2.50	2.39	2.30	2.06	1.87	1.85	1.71	1.61	1.58	1.58	**2.49**
HTI	3.64		3.05	3.27	3.72	3.28	3.14	2.74	3.61	3.33	2.38	2.30	2.36							**3.38**
JAM							4.30	3.74	3.98	3.77	3.83	3.43	3.49	2.95	2.97	2.57	1.88	1.99	1.56	**3.39**
MEX	3.08	3.09	2.95	2.79	2.86	3.00	2.41	2.44	2.52	2.17	1.95	1.89	1.79	1.73	1.67	1.64	1.55	1.68	1.53	**2.17**
NIC	4.81	5.45	4.55	4.16	4.04	4.10	3.73	3.46	3.29	3.43	2.84	2.63	2.51		2.13		2.01			**3.61**
PAN	3.54					2.94	3.17	3.10	3.18	2.80		2.97	2.19		1.91	1.97	1.71	1.58	1.77	**2.53**
PER	1.98	2.10	2.05	2.11	2.10	2.07	2.05	2.24	2.06	2.13	1.97	1.83	1.69			1.51				**1.82**
SAL	3.44	3.27	3.26	3.17	2.94	3.09	2.90	2.68	2.79	2.51	2.64	2.25	2.05		1.98	1.83		1.75	1.67	**2.89**
URY			3.23	2.53	2.96	2.81	2.35		2.78	1.77										**2.31**
VEN	4.86	4.29	4.45	4.30	4.24	4.07	3.63	3.45	3.11	2.90	2.61	2.21	1.81		2.27	2.28	1.68	1.68		**3.32**

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
CAM	4.30	3.93	3.79	4.35	4.20	4.18	4.24	4.00	3.87	3.76	3.43	3.50	3.24	3.10	2.83	2.58	2.72		2.82	**3.96**
GHA	3.66	4.19	3.09	3.44	3.38	3.21	3.51	3.65	3.15	3.03	2.66		2.31	2.13	2.25	1.91			1.82	**3.00**
KEN	4.90	5.18	4.89	5.03	4.31	4.87	4.20	3.93	3.64	3.34		2.75					2.14			**4.13**
LBR	4.39					4.91			4.23	4.05	4.51		3.78							**4.18**
MLI	3.94								2.65											**3.67**
MWI	4.46								4.52											**4.24**
RWA	3.52	3.58		3.38	3.64	3.97	3.07													**3.45**
SEN	4.09						3.15				2.35						2.85			**3.68**
SLE	4.62						4.47	3.34			3.16									**4.14**
TZA	4.67	6.24	4.57	4.24	4.69	4.40	4.83	3.93		2.99		3.01		3.64			4.11			**4.26**
UGA	5.04	5.12	5.31	4.54	4.82	4.98	5.23	4.94		4.77	3.66	3.98			3.75			2.92		**4.78**
ZAF	3.14	3.06	2.99	2.97	2.96	3.04	2.88	2.85	2.74	2.69	2.55	2.48	2.28				2.09			**2.81**
ZMB	3.58						3.80	3.75		3.17			2.31		2.06					**3.13**
KHM	3.21		2.73	2.66																**3.01**
VNM		1.37	1.33	1.39	1.42	1.34	1.37	1.28	1.30	1.21	1.45	1.18	1.30			1.30	1.24			**1.29**
All	**3.62**	**3.15**	**3.14**	**3.00**	**2.77**	**2.76**	**2.81**	**3.01**	**2.55**	**2.31**	**2.45**	**1.97**	**1.97**	**1.93**	**1.92**	**1.56**	**1.67**	**1.57**	**1.62**	**2.62**

Note: For Morocco, Indonesia, Thailand and Palestine the Census only provided information on completed fertility for married women.

TABLE E.9. Childlessness rate – married.

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
ARG	0.06	0.09	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.09	0.07	0.10	0.09	0.07	0.09	0.08	0.10	**0.07**
BOL	0.04	0.03	0.03	0.03	0.03	0.03	0.03						0.02				0.03	0.05		**0.03**
BRA	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.05	0.06	0.07	0.08	0.07	0.09	0.10	0.11		**0.05**
CHL	0.03	0.02	0.03	0.02	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.04	0.04	0.04	0.05	0.04	0.05	**0.03**
COL	0.09	0.05	0.04	0.05	0.05	0.04	0.05	0.04	0.05	0.05	0.05	0.06	0.07	0.06	0.07	0.06	0.08	0.09		**0.06**
CRI				0.02			0.02					0.03			0.05		0.05			**0.03**
DOM	0.05	0.04	0.03	0.04	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.04	0.05		0.05	0.05	0.07	0.06	0.07	**0.04**
ECU	0.06	0.03	0.04	0.03	0.04	0.05	0.04	0.03	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.05	0.07	0.07	**0.05**
HTI	0.07		0.05	0.05	0.05	0.07	0.06			0.07	0.09	0.08	0.08	0.10						**0.07**
JAM									0.04											**0.05**
MEX	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.05	0.04	0.05	0.06	0.08	**0.03**
NIC	0.02			0.02			0.02					0.03					0.04			**0.02**
PAN	0.03						0.02			0.02			0.05		0.08	0.05	0.07	0.07	0.08	**0.04**
PER	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.03	0.03			0.04				**0.03**
SAL	0.05		0.03	0.04	0.05	0.05	0.04	0.05		0.04			0.04			0.05		0.07		**0.04**
URY				0.04	0.06	0.06	0.06	0.07	0.07	0.06	0.06	0.08				0.11	0.08	0.11		**0.06**
VEN	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.04	0.06							**0.03**

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
CAM	0.14	0.20	0.20	0.15	0.17	0.16	0.18	0.18	0.17	0.19	0.22	0.21	0.19	0.19		0.22	0.20		0.20	0.17
GHA	0.07	0.09	0.07	0.09	0.10	0.07	0.09	0.07	0.06	0.09	0.08	0.11	0.14	0.11	0.11	0.10		0.14	0.12	0.08
KEN	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.03			0.02								0.03
LBR	0.10								0.15				0.12							0.11
MAR	0.05		0.07	0.05	0.05	0.06	0.06	0.07	0.06	0.06	0.06	0.07	0.08	0.11	0.07		0.09			0.06
MLI	0.14			0.16	0.11	0.11	0.14		0.10	0.16										0.14
MWI	0.06	0.04	0.05	0.05	0.04	0.05	0.04	0.04	0.04		0.05		0.07							0.05
RWA	0.02			0.02			0.01													0.02
SEN	0.04		0.24				0.03				0.05									0.04
SLE	0.09							0.08			0.10									0.09
TZA	0.05		0.04	0.04	0.04	0.03	0.03	0.03				0.04								0.04
UGA	0.06	0.05	0.04	0.04	0.04	0.03	0.04	0.04				0.03			0.03					0.05
ZAF	0.06	0.07	0.06	0.05	0.06	0.05	0.06	0.06	0.05	0.05	0.05	0.05	0.05				0.07			0.05
ZMB	0.11	0.08	0.10	0.07	0.08	0.09	0.07	0.07	0.07	0.07	0.07	0.11			0.08					0.09
IDN	0.07	0.06	0.06	0.04	0.04	0.03	0.03		0.03	0.03			0.02							0.04
KHM	0.04	0.04	0.03	0.03	0.02	0.03	0.03	0.04	0.03	0.04	0.04	0.04	0.05				0.16			0.03
THA	0.06		0.06	0.09	0.06		0.10	0.07		0.08			0.08				0.09	0.20		0.06
VNM		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.01	0.03	0.02	0.02			0.02	0.03	0.02	0.03	0.02
WBG	0.05						0.05						0.04		0.07					0.04
All	0.06	0.04	0.04	0.04	0.05	0.04	0.03	0.05	0.04	0.03	0.06	0.05	0.04	0.06	0.06	0.07	0.07	0.08	0.08	0.05

TABLE E.10. Childlessness rate – singles.

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
ARG	0.63	0.57	0.49	0.53	0.55	0.56	0.72	0.68	0.74	0.72	0.77	0.78	0.88	0.87	0.88	0.90	0.91	0.93	0.92	0.74
BOL	0.31	0.28	0.26	0.27	0.20	0.26	0.24		0.20	0.25	0.25	0.23	0.32			0.38	0.41	0.52		0.30
BRA	0.80	0.73	0.73	0.72	0.72	0.65	0.68	0.68	0.73	0.69	0.74	0.81	0.84	0.85	0.89	0.89	0.89	0.90		0.78
CHL	0.42	0.32	0.31	0.25	0.25	0.24	0.30	0.28	0.27	0.29	0.28	0.27	0.39	0.49	0.45	0.50	0.56	0.61	0.70	0.37
COL	0.44	0.23	0.24	0.27	0.26	0.28	0.28	0.29	0.26	0.36	0.36	0.45	0.46	0.49	0.60	0.63	0.64	0.65		0.39
CRI	0.43			0.21	0.26	0.21	0.28		0.29	0.28		0.42		0.43	0.48	0.54	0.50	0.62		0.33
DOM	0.62			0.47				0.46	0.32	0.41	0.59	0.45	0.59		0.59	0.68	0.77	0.72	0.72	0.57
ECU	0.48	0.40	0.31	0.27	0.30	0.36	0.34	0.30	0.29	0.32	0.28	0.37	0.41	0.45	0.44	0.52	0.56	0.59	0.59	0.42
HTI	0.41			0.37	0.42	0.46	0.35	0.42		0.48	0.45	0.54	0.56	0.67						0.44
JAM									0.08			0.08	0.10	0.14	0.17	0.20			0.51	0.14
MEX	0.70	0.54	0.53	0.48	0.54	0.48	0.48	0.40	0.34	0.45	0.47	0.48	0.50	0.50	0.54	0.55	0.62	0.65	0.70	0.53
NIC	0.35			0.17	0.21	0.20	0.23			0.24		0.30	0.32				0.40			0.28
PAN	0.72						0.37			0.35			0.41		0.46	0.46	0.53	0.68	0.69	0.48
PER	0.46	0.33	0.34	0.28	0.30	0.30	0.29	0.25	0.29	0.22	0.20	0.31	0.37			0.46				0.36
SAL	0.26	0.16	0.18	0.21	0.20	0.20	0.23	0.18		0.25			0.32		0.36	0.47		0.50	0.55	0.26
URY				0.45	0.40	0.51	0.56	0.63	0.49	0.75	0.76	0.81	0.84		0.84	0.89	0.91	0.91		0.67
VEN	0.32	0.19	0.17	0.17	0.17	0.17	0.23	0.24	0.28	0.26	0.33	0.40	0.56	0.50	0.54	0.57	0.61	0.60		0.33

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
CAM	0.20				0.20	0.22	0.22	0.22	0.20	0.23	0.25	0.27	0.23	0.23		0.39	0.35			**0.22**
GHA	0.42		0.48	0.48	0.47	0.37	0.38			0.37	0.42	0.65	0.60	0.58	0.53	0.58			0.66	**0.46**
KEN	0.23			0.28	0.20	0.24	0.24	0.11				0.19								**0.21**
LBR	0.28								0.16				0.22							**0.26**
MLI	0.50																			**0.48**
MWI	0.38												0.63							**0.39**
RWA	0.29				0.31		0.36													**0.31**
SEN	0.34						0.35	0.43			0.48									**0.38**
SLE	0.46							0.17			0.39									**0.47**
TZA	0.22				0.18							0.21					0.35			**0.20**
UGA	0.27					0.22	0.26	0.23							0.31			0.46		**0.25**
ZAF	0.17	0.14	0.16	0.16	0.15	0.15	0.14	0.14	0.14	0.15	0.16	0.16	0.25				0.38			**0.17**
ZMB	0.58							0.44		0.47			0.63		0.48					**0.52**
KHM	0.92	0.90	0.94	0.93	0.92	0.92	0.91	0.93	0.93	0.92	0.91	1.00	0.94	0.95	0.98		0.98			**0.92**
VNM		0.90	0.90	0.89	0.88	0.89	0.90	0.89	0.90	0.83	0.95	0.92	0.93		0.98	0.94	0.97	0.98	0.98	**0.89**
All	**0.45**	**0.48**	**0.47**	**0.46**	**0.54**	**0.42**	**0.41**	**0.39**	**0.42**	**0.47**	**0.41**	**0.57**	**0.49**	**0.52**	**0.63**	**0.72**	**0.67**	**0.68**	**0.70**	**0.50**

TABLE E.11. Marriage rates – female.

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
ARG	0.83	0.87	0.91	0.92	0.92	0.92	0.92	0.92	0.89	0.90	0.90	0.88	0.89	0.84	0.87	0.85	0.85	0.82	0.82	**0.90**
BOL	0.90	0.90	0.90	0.90	0.89	0.88	0.87	0.89	0.86	0.86	0.87	0.87	0.85	0.84	0.87	0.84	0.84	0.80		**0.88**
BRA	0.91	0.94	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.89	0.89	0.86	0.85	0.84	0.82	0.80	0.80	0.81		**0.91**
CHL	0.77	0.79	0.81	0.84	0.83	0.84	0.84	0.83	0.83	0.84	0.84	0.84	0.81	0.79	0.79	0.80	0.79	0.81	0.81	**0.82**
COL	0.77	0.81	0.84	0.83	0.81	0.80	0.79	0.80	0.80	0.79	0.79	0.76	0.76	0.73	0.72	0.70	0.75	0.72		**0.78**
CRI	0.78	0.83	0.86	0.85	0.85	0.84	0.86	0.85	0.84	0.85	0.84	0.85	0.83	0.87	0.81	0.83	0.81	0.83	0.80	**0.84**
DOM	0.94	0.96	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.96	0.96	0.95	0.94	0.95	0.93	0.93	0.91	0.92	0.92	**0.95**
ECU	0.84	0.87	0.87	0.87	0.88	0.87	0.88	0.87	0.86	0.88	0.88	0.86	0.85	0.83	0.83	0.83	0.81	0.78	0.78	**0.85**
HTI	0.94	0.91	0.91	0.91	0.90	0.89	0.87	0.85	0.85	0.83	0.83	0.80	0.77	0.80				0.79	0.78	**0.92**
JAM					0.61	0.61	0.63	0.62	0.62	0.63	0.61	0.57	0.61	0.59	0.59	0.65	0.67	0.66	0.64	**0.61**
MEX	0.88	0.92	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.85	0.85	0.86	0.86	0.83	0.83	0.81	0.79	0.77	**0.88**
NIC	0.90	0.90	0.91	0.91	0.88	0.90	0.85	0.84	0.83	0.82	0.85	0.81	0.81	0.79	0.82	0.81	0.78	0.70		**0.87**
PAN	0.86	0.92	0.94	0.91	0.92	0.90	0.91	0.88	0.90	0.88	0.90	0.88	0.86	0.84	0.86	0.84	0.83	0.83	0.81	**0.87**
PER	0.94	0.95	0.95	0.95	0.94	0.94	0.93	0.92	0.91	0.92	0.91	0.89	0.85			0.83				**0.90**
SAL	0.77	0.81	0.80	0.79	0.77	0.78	0.75	0.75	0.76	0.75	0.70	0.78	0.76	0.81	0.76	0.77	0.81	0.75	0.72	**0.77**
URY	0.75	0.85	0.87	0.92	0.92	0.91	0.92	0.89	0.91	0.91	0.88	0.87	0.85	0.90	0.88	0.84	0.90	0.82		**0.90**
VEN	0.79	0.82	0.84	0.84	0.85	0.84	0.83	0.84	0.84	0.84	0.84	0.83	0.80	0.84	0.79	0.81	0.81	0.71		**0.82**

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
CAM	0.84	0.83	0.85	0.82	0.84	0.85	0.82	0.81	0.79	0.77	0.78	0.76	0.74	0.76	0.74	0.73	0.76	0.77	0.81	**0.82**
GHA	0.97	0.95	0.96	0.95	0.95	0.96	0.95	0.96	0.96	0.95	0.95	0.87	0.87	0.92	0.91	0.92	0.91	0.91	0.91	**0.96**
KEN	0.94	0.93	0.94	0.93	0.93	0.92	0.91	0.91	0.91	0.90	0.89	0.86		0.88			0.85			**0.92**
LBR	0.88	0.84	0.82	0.85	0.85	0.85	0.87	0.83	0.86	0.84	0.77	0.80	0.78	0.81	0.71	0.79	0.77	0.81		**0.86**
MAR	0.94	0.82	0.86	0.86	0.83	0.83	0.88	0.88	0.84	0.84	0.86	0.84	0.84	0.79	0.80		0.81	0.88	0.86	**0.91**
MLI	0.94	0.91	0.91	0.91	0.90	0.91	0.89	0.87	0.86	0.84	0.86	0.81	0.81	0.74	0.85		0.83		0.71	**0.93**
MWI	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.98	0.98	0.96	0.97	0.96	0.95	0.90	0.98	0.93	0.91			**0.98**
RWA	0.95	0.93	0.95	0.95	0.94	0.93	0.94	0.93	0.90	0.90	0.92	0.97	0.92							**0.94**
SEN	0.94	0.94	0.94	0.88	0.87	0.88	0.88	0.93	0.89	0.86	0.88	0.87	0.85	0.89	0.93	0.90	0.93	0.86	0.90	**0.92**
SLE	0.91	0.79	0.81	0.84	0.84	0.87	0.83	0.81			0.79			0.80			0.68			**0.89**
TZA	0.96	0.95	0.96	0.96	0.95	0.95	0.95	0.91	0.95	0.84	0.95	0.85	0.85	0.80			0.72			**0.94**
UGA	0.95	0.94	0.96	0.96	0.95	0.94	0.94	0.93	0.95	0.90	0.88	0.87	0.83	0.83	0.84			0.82		**0.94**
ZAF	0.73	0.70	0.73	0.71	0.71	0.71	0.71	0.71	0.72	0.72	0.77	0.73	0.83				0.85			**0.75**
ZMB	0.96	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.96	0.95	0.96	0.94	0.90		0.89		0.87			**0.96**
IDN	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.95	0.99	0.98	1.00	0.96	0.97	0.98	0.97	0.95	0.90			**0.98**
KHM	0.93	0.95	0.94	0.95	0.95	0.95	0.94	0.95	0.94	0.93	0.94	0.95	0.91		0.89		0.84			**0.94**
THA	0.93	0.96	0.94	0.93	0.94	0.84	0.89	0.88	0.89	0.86	0.98	0.85	0.83				0.70	0.68		**0.92**
VNM	0.82	0.93	0.94	0.94	0.93	0.93	0.93	0.94	0.93	0.95	0.93	0.94	0.94	0.92	0.93	0.95	0.92	0.94	0.94	**0.94**
WBG	0.91	0.93	0.93	0.92	0.95	0.92	0.93	0.91	0.93	0.94	0.96	0.90	0.90		0.86		0.79	0.69		**0.91**
All	**0.92**	**0.92**	**0.93**	**0.93**	**0.93**	**0.90**	**0.93**	**0.89**	**0.88**	**0.91**	**0.88**	**0.85**	**0.88**	**0.82**	**0.83**	**0.83**	**0.81**	**0.79**	**0.81**	**0.90**

TABLE E.12. Marriage rates – male.

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
ARG	0.69	0.78	0.83	0.86	0.86	0.87	0.91	0.91	0.92	0.93	0.94	0.93	0.93	0.94	0.93	0.93	0.93	0.92	0.94	**0.90**
BOL	0.82	0.90	0.90	0.90	0.90	0.90	0.91	0.89	0.89	0.90	0.89	0.88	0.87	0.88	0.87	0.90	0.89	0.88		**0.89**
BRA	0.89	0.92	0.92	0.93	0.94	0.93	0.93	0.93	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.93	0.93		**0.92**
CHL	0.66	0.74	0.74	0.80	0.79	0.79	0.83	0.83	0.85	0.86	0.87	0.87	0.89	0.90	0.90	0.90	0.90	0.91	0.91	**0.85**
COL	0.74	0.82	0.83	0.83	0.81	0.85	0.83	0.85	0.86	0.86	0.85	0.86	0.87	0.87	0.85	0.83	0.86	0.87		**0.84**
CRI	0.74	0.82	0.85	0.87	0.84	0.84	0.89	0.88	0.89	0.91	0.91	0.89	0.90	0.91	0.92	0.89	0.91	0.91	0.88	**0.88**
DOM	0.80	0.87	0.89	0.90	0.90	0.89	0.90	0.91	0.91	0.91	0.91	0.91	0.91	0.90	0.91	0.91	0.92	0.93	0.92	**0.89**
ECU	0.78	0.84	0.87	0.88	0.86	0.85	0.89	0.84	0.87	0.89	0.88	0.88	0.89	0.88	0.89	0.90	0.90	0.89	0.90	**0.88**
HTI	0.91	0.88	0.91	0.91	0.91	0.92	0.91	0.89	0.89	0.87	0.87	0.86	0.84	0.82	0.82	0.86	0.77	0.89	0.85	**0.90**
JAM	0.36		0.47	0.47	0.59	0.56	0.62	0.61	0.63	0.63	0.64	0.65	0.64	0.69	0.68	0.72	0.77	0.82	0.84	**0.65**
MEX	0.86	0.91	0.91	0.92	0.91	0.90	0.92	0.90	0.91	0.92	0.91	0.91	0.90	0.92	0.90	0.90	0.90	0.91	0.89	**0.91**
NIC	0.84	0.91	0.91	0.90	0.89	0.89	0.89	0.90	0.89	0.90	0.87	0.88	0.91	0.88	0.89	0.91	0.91	0.87	0.92	**0.88**
PAN	0.73	0.74	0.74	0.77	0.75	0.75	0.81	0.81	0.82	0.82	0.84	0.85	0.85	0.86	0.86	0.85	0.83	0.83	0.84	**0.82**
PER	0.83	0.92	0.92	0.92	0.91	0.91	0.91	0.87	0.88	0.89	0.88	0.86	0.86			0.86				**0.88**
SAL	0.81	0.88	0.88	0.86	0.84	0.82	0.86	0.85	0.87	0.88	0.87	0.86	0.87	0.90	0.90	0.89	0.89	0.91	0.89	**0.86**
URY	0.75	0.76	0.79	0.82	0.83	0.85	0.88	0.91	0.92	0.93	0.92	0.93	0.90	0.90	0.90	0.93	0.93	0.94		**0.89**
VEN	0.68	0.77	0.78	0.80	0.78	0.78	0.82	0.83	0.84	0.88	0.87	0.88	0.90	0.88	0.92	0.89	0.86	0.86	0.88	**0.83**

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
CAM	0.86	0.87	0.84	0.87	0.87	0.87	0.87	0.87	0.88	0.88	0.89	0.90	0.90	0.91	0.90	0.91	0.92	0.91	0.92	**0.88**
GHA	0.94	0.88	0.90	0.91	0.91	0.93	0.93	0.94	0.93	0.94	0.95	0.87	0.89	0.93	0.94	0.94	0.93	0.94	0.96	**0.94**
KEN	0.91	0.92	0.93	0.94	0.95	0.94	0.96	0.96	0.96	0.97	0.96	0.97		0.96			0.94			**0.94**
LBR	0.86	0.84	0.85	0.85	0.88	0.88	0.91	0.88	0.87	0.87	0.86	0.85	0.86	0.84	0.86	0.86	0.85	0.85		**0.86**
MAR	0.97	0.93	0.94	0.93	0.92	0.93	0.92	0.90	0.93	0.93	0.92	0.93	0.93	0.89	0.91	0.92	0.93	0.94	0.95	**0.95**
MLI	0.95	0.94	0.95	0.94	0.93	0.93	0.93	0.92	0.92	0.89	0.91	0.93	0.92	0.96	0.95	0.94	0.96	0.93	0.94	**0.95**
MWI	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.99	0.99	0.97	0.98	0.98	0.98	0.99	0.98	0.98	0.98	0.95	0.95	**0.98**
RWA	0.95	0.95	0.96	0.97	0.97	0.97	0.96	0.93	0.94	0.95	0.92	0.94	0.93		0.89	0.86	0.83	0.91	0.88	**0.96**
SEN	0.95	0.90	0.95	0.93	0.92	0.90	0.91	0.89	0.89	0.90	0.91	0.91		0.93	0.93	0.94	0.93	0.93	0.96	**0.94**
SLE	0.88	0.81	0.82	0.82	0.84	0.82	0.86	0.82			0.83			0.89			0.84			**0.86**
TZA	0.93	0.94	0.96	0.95	0.96	0.95	0.95	0.94	0.96	0.97	0.97	0.96	0.92	0.95			0.91			**0.94**
UGA	0.88	0.90	0.93	0.93	0.93	0.94	0.95	0.95	0.95	0.95	0.94	0.95	0.91	0.93	0.97			0.92		**0.93**
ZAF	0.78	0.76	0.78	0.78	0.78	0.78	0.79	0.80	0.83	0.81	0.86	0.85	0.91				0.94			**0.83**
ZMB	0.94	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.98	0.96	0.96	0.96	0.98		0.97			**0.97**
IDN	0.98	0.99	1.00	1.00	0.99	1.00	0.99	0.98	0.99	0.99	1.00	0.99	0.99	0.94	0.98	0.99	0.99			**0.99**
KHM	0.97	0.99	0.99	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.96		0.97		0.93			**0.98**
THA	0.91	0.94	0.95	0.94	0.96	0.89	0.92	0.94	0.91	0.94	0.87	0.94	0.93				0.90	0.92		**0.95**
VNM	0.95	0.96	0.97	0.97	0.98	0.98	0.98	0.98	0.97	0.99	0.97	0.98	0.97	0.97	0.97	0.98	0.97	0.98	0.98	**0.98**
WBG	0.98	0.99	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.97	0.99	0.95	0.98	0.98	0.99	**0.99**
All	**0.89**	**0.91**	**0.92**	**0.93**	**0.94**	**0.92**	**0.94**	**0.92**	**0.91**	**0.94**	**0.92**	**0.91**	**0.93**	**0.90**	**0.92**	**0.91**	**0.92**	**0.91**	**0.92**	**0.92**

TABLE E.13. Survival rates.

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
ARG	0.92	0.93	0.94	0.95	0.95	0.96	0.97	0.97	0.97	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	**0.96**
BOL	0.73	0.76	0.77	0.79	0.80	0.82	0.84	0.84	0.85	0.86	0.88	0.87	0.90	0.91	0.92	0.90	0.93	0.93		**0.79**
BRA	0.86	0.88	0.90	0.92	0.93	0.93	0.95	0.95	0.95	0.96	0.96	0.97	0.97	0.98	0.98	0.98	0.98	0.98		**0.92**
CHL	0.94	0.95	0.94	0.95	0.95	0.96	0.95	0.96	0.96	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.98	**0.96**
COL	0.91	0.91	0.93	0.94	0.94	0.95	0.96	0.96	0.97	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.99	0.98		**0.95**
CRI	0.90	0.93	0.94	0.94	0.94	0.95	0.96	0.97	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.99	0.99	0.98	**0.96**
DOM	0.90	0.90	0.90	0.91	0.93	0.93	0.93	0.94	0.94	0.95	0.95	0.96	0.95	0.94	0.95	0.97	0.96	0.96	0.96	**0.93**
ECU	0.92	0.93	0.93	0.94	0.94	0.94	0.95	0.96	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.97	0.97	0.97	0.97	**0.95**
HTI	0.84	0.87	0.87	0.87	0.89	0.89	0.90	0.90	0.92	0.90	0.93	0.96	0.96	0.96				0.99	0.97	**0.85**
JAM					0.91	0.94	0.97	0.96	0.97	0.97	0.97	0.97	0.98	0.98	0.98	0.98	0.99	0.99	0.99	**0.97**
MEX	0.90	0.91	0.92	0.93	0.93	0.93	0.95	0.95	0.96	0.96	0.97	0.97	0.97	0.96	0.97	0.98	0.98	0.98	0.98	**0.95**
NIC	0.87	0.89	0.90	0.91	0.91	0.92	0.93	0.94	0.95	0.95	0.96	0.97	0.96	0.97	0.97	0.97	0.98	0.98		**0.90**
PAN	0.89	0.93	0.94	0.96	0.96	0.95	0.96	0.95	0.97	0.97	0.98	0.97	0.98	0.99	0.99	0.97	0.98	0.99	0.99	**0.96**
PER	0.88	0.90	0.90	0.92	0.92	0.93	0.94	0.95	0.95	0.95	0.95	0.97	0.97	0.94		0.98				**0.93**
SAL	0.89	0.90	0.91	0.92	0.92	0.92	0.93	0.93	0.94	0.95	0.96	0.95	0.97	0.97	0.97	0.97	0.98	0.98	0.98	**0.92**
URY	0.93	0.94	0.95	0.96	0.96	0.96	0.96	0.96	0.97	0.97	0.96	0.97	0.96	0.97	0.97	0.96	0.98	0.99		**0.97**
VEN	0.92	0.94	0.93	0.94	0.94	0.95	0.96	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.97	0.98	0.96	0.99	1.00	**0.95**

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+	Mean
CAM	0.82	0.81	0.84	0.83	0.84	0.85	0.86	0.88	0.89	0.88	0.91	0.91	0.93	0.94	0.92	0.94	0.93	0.96	0.96	**0.86**
GHA	0.86	0.86	0.88	0.88	0.89	0.88	0.89	0.88	0.89	0.90	0.91	0.90	0.91	0.92	0.92	0.92	0.96	0.90	0.92	**0.88**
KEN	0.83	0.85	0.85	0.86	0.86	0.88	0.89	0.90	0.89	0.91	0.92	0.93		0.92			0.94			**0.86**
LBR	0.83	0.88	0.86	0.86	0.89	0.82	0.87	0.88	0.86	0.88	0.89	0.90	0.89	0.94	0.86	0.92	0.91	0.92		**0.84**
MAR	0.88	0.92	0.91	0.92	0.91	0.94	0.93	0.94	0.96	0.95	0.97	0.97	0.96	0.96	0.97	0.99	0.97	0.99	0.99	**0.89**
MLI	0.82	0.81	0.81	0.81	0.85	0.85	0.87	0.90	0.89	0.91	0.87	0.89	0.86	0.88	0.85		0.90		0.93	**0.82**
MWI	0.73	0.73	0.75	0.76	0.77	0.78	0.81	0.80	0.83	0.81	0.85	0.86	0.88	0.84	0.89	0.93	0.96		0.88	**0.76**
RWA	0.72	0.74	0.75	0.75	0.77	0.78	0.80	0.81	0.80	0.84	0.90	0.89	0.89							**0.75**
SEN	0.84	0.87	0.89	0.88	0.89	0.90	0.92	0.93	0.95	0.93	0.94	0.97	0.95	0.96	0.97	0.97	0.95	0.97	0.97	**0.86**
SLE	0.70	0.69	0.73	0.73	0.71	0.75	0.75	0.79			0.84			0.85			0.93			**0.72**
TZA	0.78	0.78	0.81	0.81	0.81	0.82	0.82	0.86	0.86	0.89	0.88	0.93		0.90			0.90	0.97		**0.81**
UGA	0.78	0.79	0.79	0.81	0.82	0.83	0.84	0.86	0.88	0.87	0.90	0.91	0.91	0.94	0.91					**0.81**
ZAF	0.91	0.89	0.89	0.90	0.91	0.91	0.92	0.93	0.95	0.95	0.97	0.96	0.98				0.98			**0.93**
ZMB	0.81	0.80	0.81	0.81	0.81	0.83	0.84	0.86	0.87	0.89	0.89	0.90	0.93		0.92		0.97			**0.84**
IDN	0.84	0.83	0.85	0.87	0.88	0.88	0.91	0.92	0.91	0.95	0.97	0.91	0.96	0.97	0.97	0.97	0.98			**0.89**
KHM	0.92	0.91	0.92	0.93	0.94	0.95	0.94	0.95	0.95	0.95	0.95	0.94	0.97		1.00		0.98	1.00		**0.93**
THA	0.93	0.92	0.95	0.93	0.96	0.96	0.98	0.98	1.00	0.98	0.98	1.00	0.99				0.99			**0.96**
VNM	0.96	0.96	0.96	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.99	0.98	0.99	0.99	0.99	0.99	0.99	**0.98**
WBG	0.89	0.90	0.91	0.91	0.92	0.91	0.91	0.92	0.92	0.93	0.93	0.93	0.93	0.95	0.95		0.95	0.98		**0.91**
All	**0.85**	**0.88**	**0.89**	**0.90**	**0.93**	**0.92**	**0.93**	**0.92**	**0.94**	**0.96**	**0.94**	**0.97**	**0.97**	**0.96**	**0.96**	**0.98**	**0.98**	**0.98**	**0.97**	**0.91**

TABLE E.14. Education shares – female.

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+
ARG	0.04	0.01	0.04	0.06	0.06	0.05	0.13	0.24	0.02	0.03	0.05	0.02	0.12	0.01	0.01	0.02	0.03	0.02	0.03
BOL	0.24	0.06	0.10	0.10	0.06	0.08	0.04	0.02	0.03	0.02	0.03	0.02	0.08	0.01	0.01	0.01	0.06	0.04	0.00
BRA	0.13	0.05	0.06	0.08	0.21	0.05	0.02	0.03	0.09	0.01	0.02	0.14	0.01	0.01	0.01	0.05	0.02	0.01	0.00
CHL	0.04	0.02	0.01	0.03	0.04	0.04	0.08	0.04	0.11	0.07	0.07	0.04	0.19	0.08	0.03	0.02	0.03	0.04	0.01
COL	0.08	0.03	0.07	0.08	0.05	0.19	0.04	0.04	0.05	0.05	0.02	0.15	0.01	0.03	0.02	0.01	0.03	0.08	0.00
CRI	0.05	0.02	0.04	0.07	0.04	0.04	0.31	0.02	0.04	0.06	0.02	0.11	0.01	0.02	0.04	0.02	0.04	0.02	0.01
DOM	0.15	0.02	0.04	0.05	0.05	0.05	0.05	0.07	0.07	0.05	0.04	0.04	0.13	0.01	0.02	0.02	0.06	0.04	0.04
ECU	0.08	0.01	0.03	0.04	0.03	0.03	0.25	0.01	0.03	0.06	0.03	0.03	0.16	0.01	0.03	0.04	0.04	0.04	0.07
HTI	0.75	0.01	0.02	0.03	0.00	0.03	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
JAM	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.19	0.06	0.06	0.12	0.11	0.13	0.09	0.07	0.02	0.02	0.06
MEX	0.08	0.02	0.04	0.06	0.03	0.02	0.21	0.01	0.02	0.19	0.01	0.02	0.11	0.01	0.01	0.03	0.06	0.04	0.02
NIC	0.28	0.02	0.06	0.09	0.06	0.03	0.13	0.03	0.03	0.05	0.02	0.07	0.03	0.01	0.02	0.00	0.06	0.00	0.00
PAN	0.06	0.01	0.01	0.02	0.02	0.02	0.21	0.02	0.04	0.09	0.02	0.03	0.20	0.01	0.03	0.03	0.03	0.06	0.11
PER	0.12	0.02	0.04	0.06	0.03	0.09	0.05	0.02	0.03	0.04	0.02	0.17	0.18	0.00	0.00	0.12	0.00	0.00	0.00
SAL	0.27	0.03	0.07	0.08	0.06	0.04	0.11	0.02	0.02	0.08	0.01	0.01	0.10	0.00	0.01	0.03	0.00	0.04	0.01
URY	0.00	0.01	0.02	0.04	0.05	0.06	0.33	0.03	0.04	0.16	0.04	0.05	0.01	0.01	0.02	0.02	0.07	0.04	0.00
VEN	0.09	0.01	0.02	0.05	0.04	0.02	0.23	0.04	0.04	0.08	0.03	0.14	0.17	0.00	0.00	0.00	0.00	0.00	0.00

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+
CAM	0.34	0.01	0.01	0.01	0.03	0.04	0.06	0.28	0.03	0.03	0.06	0.01	0.03	0.02	0.00	0.01	0.01	0.00	0.01
GHA	0.44	0.01	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.27	0.00	0.01	0.03	0.01	0.02	0.00	0.00	0.05
KEN	0.40	0.03	0.04	0.06	0.06	0.05	0.06	0.12	0.05	0.03	0.01	0.08	0.00	0.01	0.00	0.00	0.01	0.00	0.00
LBR	0.74	0.00	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.01	0.07	0.01	0.01	0.00	0.01	0.01	0.00
MAR	0.74	0.00	0.01	0.01	0.02	0.07	0.01	0.01	0.01	0.03	0.01	0.01	0.04	0.00	0.01	0.00	0.01	0.00	0.00
MLI	0.84	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MWI	0.48	0.02	0.04	0.06	0.06	0.07	0.06	0.05	0.09	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
RWA	0.58	0.03	0.05	0.07	0.07	0.06	0.10	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEN	0.74	0.00	0.01	0.01	0.01	0.01	0.09	0.01	0.01	0.01	0.04	0.01	0.01	0.02	0.00	0.01	0.00	0.00	0.01
SLE	0.77	0.01	0.01	0.01	0.01	0.02	0.03	0.05	0.00	0.00	0.07	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
TZA	0.54	0.00	0.02	0.02	0.11	0.01	0.02	0.23	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.00
UGA	0.50	0.02	0.05	0.06	0.06	0.05	0.06	0.08	0.01	0.02	0.01	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00
ZAF	0.22	0.01	0.02	0.03	0.05	0.05	0.06	0.08	0.10	0.05	0.09	0.04	0.17	0.00	0.00	0.00	0.03	0.00	0.00
ZMB	0.24	0.02	0.03	0.04	0.07	0.06	0.08	0.20	0.04	0.08	0.03	0.01	0.03	0.00	0.07	0.00	0.01	0.00	0.00
IDN	0.22	0.02	0.06	0.10	0.07	0.06	0.28	0.00	0.01	0.08	0.00	0.00	0.08	0.00	0.01	0.01	0.01	0.00	0.00
KHM	0.36	0.02	0.08	0.13	0.11	0.07	0.05	0.05	0.03	0.04	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00
THA	0.07	0.00	0.01	0.01	0.71	0.00	0.02	0.05	0.00	0.04	0.00	0.00	0.03	0.00	0.00	0.00	0.03	0.01	0.00
VNM	0.00	0.01	0.04	0.05	0.07	0.11	0.07	0.08	0.05	0.28	0.03	0.05	0.11	0.00	0.00	0.02	0.02	0.01	0.00
WBG	0.28	0.01	0.02	0.04	0.05	0.05	0.11	0.04	0.05	0.08	0.03	0.04	0.11	0.00	0.05	0.00	0.03	0.01	0.00
All	**0.18**	**0.02**	**0.04**	**0.06**	**0.13**	**0.05**	**0.11**	**0.05**	**0.04**	**0.08**	**0.02**	**0.05**	**0.07**	**0.01**	**0.01**	**0.02**	**0.02**	**0.01**	**0.01**

TABLE E.15. Education shares – male.

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+
ARG	0.04	0.01	0.04	0.07	0.07	0.05	0.12	0.24	0.02	0.04	0.06	0.03	0.07	0.02	0.02	0.02	0.02	0.01	0.05
BOL	0.08	0.03	0.07	0.10	0.08	0.10	0.06	0.03	0.05	0.03	0.05	0.04	0.12	0.01	0.01	0.02	0.05	0.08	0.00
BRA	0.14	0.05	0.06	0.08	0.22	0.05	0.03	0.03	0.09	0.01	0.02	0.12	0.01	0.01	0.01	0.04	0.03	0.01	0.00
CHL	0.04	0.02	0.02	0.03	0.04	0.03	0.08	0.04	0.11	0.07	0.06	0.03	0.20	0.07	0.02	0.02	0.04	0.04	0.03
COL	0.10	0.03	0.08	0.08	0.05	0.19	0.04	0.04	0.04	0.04	0.01	0.14	0.01	0.03	0.02	0.00	0.02	0.08	0.00
CRI	0.06	0.02	0.04	0.07	0.04	0.03	0.31	0.02	0.04	0.06	0.02	0.10	0.01	0.02	0.03	0.02	0.04	0.03	0.02
DOM	0.16	0.02	0.04	0.06	0.05	0.05	0.05	0.08	0.08	0.05	0.05	0.04	0.11	0.01	0.01	0.02	0.04	0.03	0.04
ECU	0.07	0.01	0.03	0.04	0.03	0.03	0.28	0.01	0.03	0.05	0.03	0.03	0.15	0.01	0.02	0.03	0.03	0.03	0.09
HTI	0.62	0.01	0.03	0.04	0.05	0.04	0.07	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.01	0.00
JAM	0.01	0.00	0.01	0.00	0.01	0.01	0.06	0.04	0.24	0.07	0.06	0.10	0.10	0.11	0.08	0.05	0.01	0.01	0.04
MEX	0.07	0.02	0.04	0.06	0.03	0.02	0.19	0.01	0.02	0.19	0.01	0.02	0.11	0.01	0.01	0.02	0.07	0.06	0.03
NIC	0.26	0.03	0.06	0.09	0.07	0.03	0.13	0.03	0.03	0.05	0.02	0.07	0.02	0.01	0.02	0.01	0.07	0.00	0.00
PAN	0.05	0.01	0.02	0.03	0.02	0.02	0.24	0.02	0.04	0.10	0.02	0.03	0.20	0.01	0.02	0.03	0.02	0.04	0.08
PER	0.04	0.02	0.03	0.05	0.03	0.09	0.05	0.02	0.03	0.05	0.02	0.22	0.20	0.00	0.00	0.15	0.00	0.00	0.00
SAL	0.21	0.03	0.07	0.08	0.05	0.03	0.13	0.02	0.02	0.11	0.01	0.02	0.10	0.01	0.01	0.03	0.01	0.05	0.02
URY	0.01	0.01	0.03	0.07	0.07	0.06	0.34	0.03	0.05	0.15	0.04	0.04	0.01	0.01	0.01	0.02	0.02	0.05	0.00
VEN	0.10	0.01	0.03	0.05	0.04	0.02	0.23	0.04	0.04	0.08	0.03	0.14	0.17	0.00	0.00	0.00	0.00	0.00	0.00

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+
CAM	0.28	0.01	0.01	0.02	0.03	0.03	0.05	0.28	0.02	0.03	0.07	0.02	0.04	0.04	0.01	0.01	0.02	0.01	0.02
GHA	0.30	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.02	0.35	0.00	0.01	0.03	0.02	0.03	0.00	0.01	0.11
KEN	0.23	0.03	0.04	0.07	0.07	0.05	0.06	0.13	0.10	0.04	0.01	0.13	0.00	0.02	0.00	0.00	0.02	0.00	0.00
LBR	0.41	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.05	0.04	0.03	0.20	0.02	0.01	0.01	0.04	0.02	0.00
MAR	0.56	0.01	0.01	0.02	0.03	0.13	0.01	0.01	0.02	0.04	0.02	0.02	0.06	0.01	0.01	0.00	0.02	0.00	0.01
MLI	0.80	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.02	0.02	0.00	0.01	0.00	0.01	0.01	0.00	0.02	0.00	0.01
MWI	0.25	0.02	0.04	0.06	0.07	0.08	0.07	0.07	0.18	0.01	0.05	0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00
RWA	0.37	0.03	0.06	0.09	0.10	0.09	0.19	0.01	0.01	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEN	0.68	0.00	0.00	0.01	0.01	0.01	0.09	0.01	0.01	0.01	0.05	0.01	0.01	0.03	0.01	0.01	0.01	0.01	0.02
SLE	0.60	0.01	0.01	0.01	0.02	0.02	0.03	0.09	0.00	0.00	0.14	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
TZA	0.31	0.01	0.03	0.03	0.18	0.02	0.02	0.31	0.00	0.01	0.00	0.05	0.00	0.01	0.00	0.00	0.01	0.00	0.00
UGA	0.25	0.02	0.04	0.07	0.08	0.07	0.10	0.13	0.03	0.04	0.02	0.05	0.00	0.01	0.06	0.00	0.00	0.02	0.00
ZAF	0.21	0.01	0.02	0.04	0.05	0.05	0.06	0.07	0.10	0.05	0.09	0.04	0.18	0.00	0.00	0.00	0.04	0.00	0.00
ZMB	0.13	0.01	0.02	0.03	0.04	0.04	0.07	0.18	0.04	0.10	0.06	0.02	0.09	0.00	0.15	0.00	0.03	0.00	0.00
IDN	0.13	0.02	0.05	0.11	0.06	0.05	0.31	0.00	0.01	0.09	0.00	0.01	0.12	0.00	0.01	0.02	0.02	0.00	0.00
KHM	0.18	0.01	0.05	0.10	0.11	0.09	0.07	0.11	0.06	0.09	0.04	0.02	0.05	0.00	0.01	0.00	0.02	0.01	0.00
THA	0.05	0.00	0.01	0.01	0.65	0.00	0.02	0.06	0.00	0.08	0.00	0.00	0.06	0.00	0.00	0.00	0.04	0.01	0.00
VNM	0.00	0.01	0.03	0.04	0.05	0.12	0.06	0.08	0.05	0.27	0.03	0.07	0.13	0.00	0.00	0.01	0.03	0.02	0.01
WBG	0.13	0.01	0.02	0.04	0.06	0.06	0.12	0.05	0.05	0.08	0.02	0.05	0.11	0.00	0.06	0.01	0.07	0.04	0.00
All	**0.14**	**0.02**	**0.04**	**0.06**	**0.12**	**0.06**	**0.11**	**0.05**	**0.04**	**0.08**	**0.03**	**0.06**	**0.08**	**0.01**	**0.01**	**0.02**	**0.03**	**0.02**	**0.01**

TABLE E.16. Probability of being uncontrolled (measure 2).

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+
ARG	0.44	0.41	0.39	0.36	0.34	0.31	0.29	0.26	0.24	0.22	0.19	0.17	0.14	0.12	0.09	0.07	0.04	0.02	0.00
BOL	0.42	0.40	0.38	0.36	0.35	0.33	0.31	0.29	0.27	0.26	0.24	0.22	0.20	0.18	0.16	0.15	0.13	0.11	0.09
BRA	0.44	0.41	0.39	0.36	0.34	0.31	0.29	0.26	0.24	0.22	0.19	0.17	0.14	0.12	0.09	0.07	0.04	0.02	0.00
CHL	0.27	0.26	0.24	0.22	0.21	0.19	0.17	0.16	0.14	0.12	0.11	0.09	0.07	0.06	0.04	0.02	0.01	0.00	0.00
COL	0.46	0.43	0.41	0.38	0.35	0.32	0.29	0.27	0.24	0.21	0.18	0.15	0.12	0.10	0.07	0.04	0.01	0.00	0.00
CRI	0.42	0.40	0.38	0.36	0.34	0.33	0.31	0.29	0.27	0.25	0.23	0.21	0.20	0.18	0.16	0.14	0.12	0.10	0.08
DOM	0.27	0.26	0.24	0.22	0.21	0.19	0.17	0.16	0.14	0.12	0.11	0.09	0.07	0.06	0.04	0.02	0.01	0.00	0.00
ECU	0.27	0.26	0.24	0.22	0.21	0.19	0.17	0.16	0.14	0.12	0.11	0.09	0.07	0.06	0.04	0.02	0.01	0.00	0.00
HTI	0.42	0.40	0.38	0.35	0.33	0.31	0.29	0.26	0.24	0.22	0.20	0.18	0.15	0.13	0.11	0.09	0.06	0.04	0.02
JAM	0.42	0.40	0.38	0.36	0.35	0.33	0.31	0.29	0.27	0.26	0.24	0.22	0.20	0.18	0.16	0.15	0.13	0.11	0.09
MEX	0.42	0.40	0.38	0.36	0.34	0.33	0.31	0.29	0.27	0.25	0.23	0.21	0.20	0.18	0.16	0.14	0.12	0.10	0.08
NIC	0.42	0.40	0.38	0.36	0.34	0.33	0.31	0.29	0.27	0.25	0.23	0.21	0.20	0.18	0.16	0.14	0.12	0.10	0.08
PAN	0.42	0.40	0.38	0.36	0.34	0.33	0.31	0.29	0.27	0.25	0.23	0.21	0.20	0.18	0.16	0.14	0.12	0.10	0.08
PER	0.60	0.57	0.54	0.51	0.48	0.45	0.42	0.38	0.35	0.32	0.29	0.26	0.23	0.20	0.17	0.14	0.10	0.07	0.04
SAL	0.42	0.40	0.38	0.36	0.34	0.33	0.31	0.29	0.27	0.25	0.23	0.21	0.20	0.18	0.16	0.14	0.12	0.10	0.08
URY	0.42	0.40	0.38	0.36	0.34	0.33	0.31	0.29	0.27	0.25	0.23	0.21	0.20	0.18	0.16	0.14	0.12	0.10	0.08
VEN	0.27	0.26	0.24	0.22	0.21	0.19	0.17	0.16	0.14	0.12	0.11	0.09	0.07	0.06	0.04	0.02	0.01	0.00	0.00

Yrschl.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18+
CAM	0.31	0.30	0.30	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.26	0.26	0.25	0.25	0.25	0.24	0.24	0.23	0.23
GHA	0.30	0.29	0.28	0.26	0.25	0.24	0.22	0.21	0.20	0.18	0.17	0.15	0.14	0.13	0.11	0.10	0.09	0.07	0.06
KEN	0.31	0.30	0.30	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.26	0.26	0.25	0.25	0.25	0.24	0.24	0.23	0.23
LIB	0.18	0.18	0.17	0.16	0.15	0.15	0.14	0.13	0.12	0.12	0.11	0.10	0.10	0.09	0.08	0.07	0.07	0.06	0.05
MAR	0.44	0.42	0.39	0.37	0.34	0.32	0.29	0.27	0.24	0.21	0.19	0.16	0.14	0.11	0.09	0.06	0.04	0.01	0.00
MLI	0.12	0.11	0.10	0.09	0.09	0.08	0.07	0.07	0.06	0.05	0.05	0.04	0.03	0.03	0.02	0.01	0.00	0.00	0.00
MWI	0.37	0.35	0.32	0.30	0.27	0.25	0.22	0.20	0.17	0.15	0.12	0.09	0.07	0.04	0.02	0.00	0.00	0.00	0.00
RWA	0.58	0.56	0.55	0.53	0.52	0.50	0.49	0.47	0.46	0.44	0.43	0.41	0.40	0.38	0.37	0.35	0.34	0.32	0.31
SEN	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.00
SLE	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.08	0.08	0.07	0.07	0.06	0.06	0.05	0.05	0.04	0.04	0.03	0.03
TZA	0.31	0.30	0.30	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.26	0.26	0.25	0.25	0.25	0.24	0.24	0.23	0.23
UGA	0.25	0.25	0.24	0.23	0.23	0.22	0.21	0.21	0.20	0.19	0.19	0.18	0.17	0.17	0.16	0.15	0.15	0.14	0.13
ZAF	0.27	0.25	0.24	0.23	0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.15	0.13	0.12	0.11	0.10	0.09	0.08	0.07
ZMB	0.19	0.19	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.14	0.14	0.14
IDN	0.21	0.20	0.20	0.19	0.18	0.18	0.17	0.17	0.16	0.15	0.15	0.14	0.13	0.13	0.12	0.11	0.11	0.10	0.09
KHM	0.34	0.32	0.30	0.28	0.26	0.24	0.22	0.20	0.19	0.17	0.15	0.13	0.11	0.09	0.07	0.05	0.03	0.01	0.00
THA	0.34	0.32	0.30	0.28	0.26	0.24	0.22	0.20	0.19	0.17	0.15	0.13	0.11	0.09	0.07	0.05	0.03	0.01	0.00
VNM	0.54	0.51	0.49	0.46	0.44	0.42	0.39	0.37	0.34	0.32	0.29	0.27	0.25	0.22	0.20	0.17	0.15	0.12	0.10
WBG	0.34	0.32	0.30	0.28	0.26	0.24	0.22	0.20	0.19	0.17	0.15	0.13	0.11	0.09	0.07	0.05	0.03	0.01	0.00

E.4. Details on the Calibration

E.4.1. Estimated Parameters for Each Country.

TABLE E.17. Estimated values of the parameters, by country.

Country	ϕ	β	ν	$\hat{c}$	μ	α	δ_m	δ_f	$\underline{\theta}$	σ	ε
ARG	0.178	0.194	8.557	0.103	0.306	0.698	0.131	-0.050	0.640	0.637	0.174
	(0.0004)	(0.0030)	(0.0372)	(0.0034)	(0.0022)	(0.0029)	(0.0034)	(0.0029)	(0.0120)	(0.0120)	(0.0030)
BOL	0.185	0.473	8.274	0.389	0.294	0.697	0.000	0.031	0.289	0.447	0.140
	(0.0034)	(0.0078)	(0.1095)	(0.0033)	(0.0181)	(0.0081)	(0.0036)	(0.0051)	(0.0074)	(0.0179)	(0.0031)
BRA	0.176	0.265	10.768	0.382	0.200	0.721	0.279	0.046	0.373	0.337	0.059
	(0.0004)	(0.0038)	(0.0329)	(0.0035)	(0.0031)	(0.0160)	(0.0028)	(0.0027)	(0.0457)	(0.0085)	(0.0102)
CHL	0.199	0.408	9.104	0.180	0.141	0.851	0.241	0.089	0.167	0.662	0.188
	(0.0008)	(0.0038)	(0.0390)	(0.0171)	(0.0024)	(0.0066)	(0.0167)	(0.0025)	(0.0076)	(0.0177)	(0.0085)
COL	0.206	0.463	9.005	0.505	0.200	0.965	0.246	-0.007	0.153	0.594	0.155
	(0.0013)	(0.0113)	(0.0696)	(0.0043)	(0.0057)	(0.0102)	(0.0120)	(0.0041)	(0.0160)	(0.0122)	(0.0092)
CRI	0.192	0.528	9.090	0.467	0.242	0.889	-0.023	0.031	0.358	0.477	0.210
	(0.0030)	(0.0222)	(0.2636)	(0.0065)	(0.0132)	(0.0056)	(0.0053)	(0.0043)	(0.0130)	(0.0102)	(0.0022)
DOM	0.190	0.439	10.085	0.398	0.275	0.662	0.170	0.213	0.727	0.338	0.088
	(0.0005)	(0.0033)	(0.0337)	(0.0139)	(0.0023)	(0.0032)	(0.0136)	(0.0029)	(0.0167)	(0.0031)	(0.0016)
ECU	0.191	0.494	10.057	0.447	0.226	0.682	0.073	0.107	0.370	0.519	0.203
	(0.0008)	(0.0052)	(0.0575)	(0.0107)	(0.0034)	(0.0239)	(0.0056)	(0.0042)	(0.0400)	(0.0066)	(0.0071)
HTI	0.189	0.486	10.010	0.241	0.331	0.700	0.226	0.117	0.972	0.467	0.076
	(0.0030)	(0.0179)	(0.3256)	(0.0086)	(0.0166)	(0.0186)	(0.0088)	(0.0070)	(0.0217)	(0.0201)	(0.0072)
JAM	0.179	0.768	8.097	0.332	0.012	0.957	0.207	-0.057	0.035	0.691	0.022
	(0.0046)	(0.0450)	(0.2660)	(0.0096)	(0.0236)	(0.0159)	(0.0192)	(0.0097)	(0.0330)	(0.0159)	(0.0095)
MEX	0.187	0.467	10.463	0.398	0.269	0.681	0.049	0.113	0.339	0.359	0.154
	(0.0006)	(0.0043)	(0.0498)	(0.0028)	(0.0062)	(0.0086)	(0.0025)	(0.0029)	(0.0351)	(0.0039)	(0.0096)
NIC	0.184	0.508	9.177	0.472	0.111	0.912	0.121	0.231	0.693	0.649	0.169
	(0.0042)	(0.0175)	(0.2411)	(0.0036)	(0.0130)	(0.0050)	(0.0042)	(0.0034)	(0.0088)	(0.0069)	(0.0019)

TABLE E.18. Estimated values of the parameters, by country, continuation of Table E.17.

Country	ϕ	β	ν	$\hat{c}$	μ	α	δ_m	δ_f	$\underline{\theta}$	σ	ε
PAN	0.192	0.385	9.229	0.463	0.114	0.933	0.185	0.221	0.621	0.638	0.152
	(0.0018)	(0.0282)	(0.0973)	(0.0086)	(0.0158)	(0.0106)	(0.0148)	(0.0119)	(0.0203)	(0.0174)	(0.0053)
PER	0.192	0.472	10.011	0.454	0.196	0.915	0.123	0.278	0.330	0.501	0.102
	(0.0008)	(0.0051)	(0.0713)	(0.0045)	(0.0058)	(0.0119)	(0.0054)	(0.0131)	(0.0509)	(0.0047)	(0.0040)
SAL	0.200	0.645	9.020	0.454	0.301	0.844	0.021	0.016	0.186	0.621	0.199
	(0.0056)	(0.0276)	(0.4154)	(0.0054)	(0.0097)	(0.0176)	(0.0067)	(0.0091)	(0.0504)	(0.0157)	(0.0045)
URY	0.186	0.262	9.903	0.153	0.207	0.772	0.247	0.000	0.746	0.481	0.197
	(0.0039)	(0.0138)	(0.0614)	(0.0141)	(0.0077)	(0.0091)	(0.0155)	(0.0031)	(0.0456)	(0.0244)	(0.0063)
VEN	0.191	0.563	10.345	0.161	0.152	0.924	0.263	0.034	0.764	0.467	0.115
	(0.0010)	(0.0045)	(0.0415)	(0.0298)	(0.0137)	(0.0289)	(0.0162)	(0.0022)	(0.0308)	(0.0172)	(0.0022)
CAM	0.192	0.870	10.663	0.529	0.546	0.660	0.367	0.033	0.549	0.798	0.103
	(0.0025)	(0.0554)	(0.2369)	(0.0460)	(0.0208)	(0.0143)	(0.0201)	(0.0242)	(0.1127)	(0.0906)	(0.0153)
GHA	0.173	0.296	9.614	0.097	0.315	0.714	0.029	0.121	0.814	0.636	0.194
	(0.0006)	(0.0053)	(0.0846)	(0.0107)	(0.0048)	(0.0045)	(0.0081)	(0.0106)	(0.0124)	(0.0088)	(0.0103)
KEN	0.172	0.515	9.069	0.395	0.313	0.696	0.015	0.082	0.478	0.371	0.199
	(0.0019)	(0.0074)	(0.1018)	(0.0037)	(0.0190)	(0.0098)	(0.0115)	(0.0068)	(0.0063)	(0.0095)	(0.0077)
LBR	0.158	0.696	10.528	0.343	0.497	0.571	0.038	0.012	0.724	0.699	0.176
	(0.0076)	(0.0491)	(0.5444)	(0.0098)	(0.0356)	(0.0175)	(0.0169)	(0.0096)	(0.0264)	(0.0327)	(0.0066)
MAR	0.199	0.477	8.751	0.137	0.496	0.903	-0.008	-0.042	0.279	0.488	0.061
	(0.0010)	(0.0033)	(0.0618)	(0.0153)	(0.0032)	(0.0171)	(0.0163)	(0.0055)	(0.0268)	(0.0176)	(0.0072)
MLI	0.172	0.629	11.099	0.314	0.446	0.647	0.080	0.266	0.858	0.477	0.117
	(0.0115)	(0.0591)	(0.8016)	(0.0433)	(0.0752)	(0.0538)	(0.0342)	(0.0421)	(0.0451)	(0.0778)	(0.0163)
MWI	0.154	0.375	8.787	0.189	0.484	0.685	-0.015	0.161	0.503	0.419	0.044
	(0.0026)	(0.0110)	(0.2359)	(0.0047)	(0.0050)	(0.0048)	(0.0154)	(0.0039)	(0.0233)	(0.0100)	(0.0101)

TABLE E.19. Estimated values of the parameters, by country, continuation of Table E.18.

Country	ϕ	β	ν	$\hat{c}$	μ	α	δ_m	δ_f	$\underline{\theta}$	σ	ε
RWA	0.200	0.451	6.372	0.319	0.191	0.612	0.130	0.181	0.591	0.388	0.082
	(0.0021)	(0.0153)	(0.0899)	(0.0118)	(0.0196)	(0.0088)	(0.0138)	(0.0027)	(0.0275)	(0.0037)	(0.0046)
SEN	0.179	0.582	10.138	0.406	0.345	0.678	0.083	0.050	0.861	0.333	0.089
	(0.0045)	(0.0246)	(0.1885)	(0.0161)	(0.0184)	(0.0091)	(0.0141)	(0.0100)	(0.0218)	(0.0153)	(0.0047)
SLE	0.158	0.518	10.750	0.353	0.443	0.679	-0.034	-0.033	0.774	0.499	0.118
	(0.0023)	(0.0210)	(0.1968)	(0.0171)	(0.0155)	(0.0187)	(0.0077)	(0.0144)	(0.0213)	(0.0139)	(0.0077)
TZA	0.162	0.455	9.314	0.467	0.267	0.764	0.272	0.181	0.266	0.386	0.060
	(0.0027)	(0.0179)	(0.1030)	(0.0170)	(0.0135)	(0.0086)	(0.0105)	(0.0044)	(0.0184)	(0.0247)	(0.0039)
UGA	0.171	0.541	7.966	0.386	0.482	0.520	0.225	-0.042	0.884	0.416	0.021
	(0.0022)	(0.0198)	(0.1379)	(0.0080)	(0.0022)	(0.0229)	(0.0070)	(0.0029)	(0.0285)	(0.0039)	(0.0107)
ZAF	0.204	0.836	8.196	0.508	0.345	0.873	0.070	-0.001	0.015	0.761	0.121
	(0.0007)	(0.0051)	(0.0422)	(0.0023)	(0.0099)	(0.0036)	(0.0030)	(0.0151)	(0.0116)	(0.0074)	(0.0024)
ZMB	0.163	0.479	10.851	0.371	0.465	0.680	0.133	0.193	0.949	0.481	0.117
	(0.0003)	(0.0041)	(0.0506)	(0.0168)	(0.0024)	(0.0016)	(0.0021)	(0.0109)	(0.0201)	(0.0093)	(0.0015)
IDN	0.195	0.550	7.750	0.419	0.485	0.908	0.368	0.195	0.557	0.267	0.185
	(0.0051)	(0.0310)	(0.4210)	(0.0115)	(0.0175)	(0.0134)	(0.0039)	(0.0106)	(0.0133)	(0.0201)	(0.0029)
KHM	0.177	0.227	10.133	0.313	0.202	0.791	0.140	0.059	0.935	0.331	0.095
	(0.0007)	(0.0051)	(0.0422)	(0.0023)	(0.0099)	(0.0036)	(0.0030)	(0.0151)	(0.0116)	(0.0074)	(0.0024)
THA	0.193	0.160	9.640	0.392	0.097	0.666	0.320	0.044	0.893	0.568	0.156
	(0.0027)	(0.0054)	(0.1331)	(0.0019)	(0.0136)	(0.0240)	(0.0046)	(0.0053)	(0.0112)	(0.0249)	(0.0025)
VNM	0.199	0.210	8.088	0.159	0.219	0.840	0.109	-0.036	0.103	0.236	0.097
	(0.0005)	(0.0031)	(0.0360)	(0.0027)	(0.0056)	(0.0020)	(0.0164)	(0.0025)	(0.0387)	(0.0103)	(0.0104)
WBG	0.160	0.755	9.363	0.114	0.475	0.512	0.298	0.094	0.972	0.673	0.194
	(0.0022)	(0.0170)	(0.2159)	(0.0053)	(0.0081)	(0.0068)	(0.0066)	(0.0077)	(0.0239)	(0.0123)	(0.0030)

E.4.2 Fit of the Structural Model to the Data

E.4.2.1. Qualitative Fit of the Structural Model.
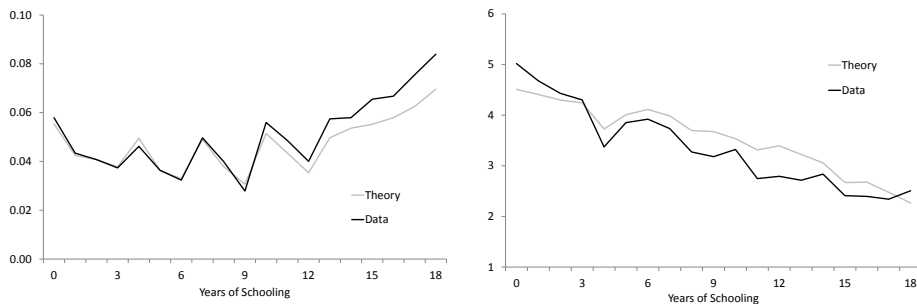
FIGURE E.1. Childlessness rate and completed fertility of mothers, married women.
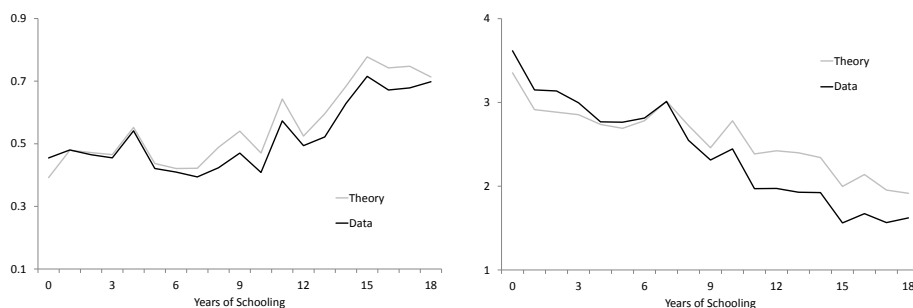
FIGURE E.2. Childlessness rate and completed fertility of mothers, single women.
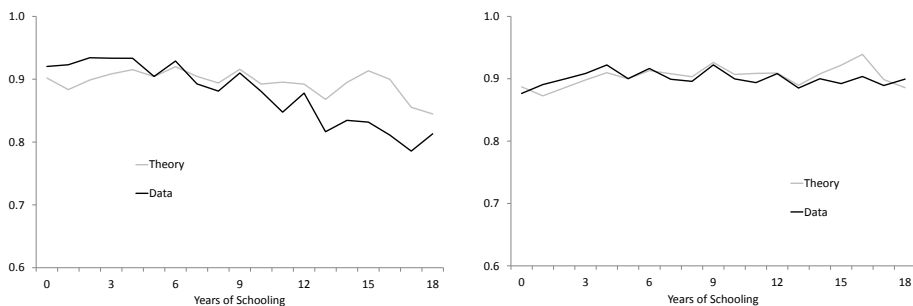
FIGURE E.3. Marriage rates of women (left) and men (right).

E.4.2.2. Comparison with Ad-Hoc Regressions. To go beyond qualitative statements about the quality of the fit of the structural model, we propose to compare the latter to that of an *ad-hoc linear regression model* in which we regress our empirical moments on education and its square at the individual level. Let us consider the empirical moment "childlessness of married women" and denote c_{ij} a dummy variable taking value one if a woman i in country j is childless and zero if she had at least one child. We compute the parameters of the following Linear Probability Model in each country j:

$$c_{ij} = a_1^j + a_2^j e_{ij} + a_3^j e_{ij}^2 + \varepsilon_{ij}$$

where ε_{ij} is supposed to follow a normal distribution with zero mean and constant variance. From that regression, we predict for all married women in our sample a probability of being childless at the end of their reproductive life. Using the weights provided by IPUMS (used to compute our empirical moments), we generate the childlessness rates predicted by the ad-hoc model for each education category. This ad-hoc model is endowed with 3x36=108 parameters. Not surprisingly, the fit of this model is almost perfect. We repeat this process for the childlessness rate of single women, female and male marriage rates, as well as the fertility of single and married mothers (OLS regression in this last case). At the end, we have used 108x6=648 parameters to obtain an almost perfect fit.

In our structural approach, after fixing some parameters *a priori*, we use 11x36=396 parameters to minimize the distance between our empirical and simulated moments. We also impose 288 restrictions on the value of the estimated parameters since in each country, all the elements of the vector $(\hat{c}, \beta, \sigma, \nu, \mu)$ have to be positive while those of the vector $(\phi, \alpha, \underline{\theta}/2)$ have to belong to $[0, 1]$. With the *ad-hoc regression model*, $f(p)$ from equation (10) is equal to 0.0701, while $f(p) = 1.1569$ using our structural estimation model.

To make things more intuitive, we build the following statistics denoted $\mathcal{F}$:

$$\mathcal{F} = \frac{1}{114} \sum_{m=1}^{114} \left| \frac{f_e(m) - f_t(m)}{f_e(m)} \right|$$

where 114 is the number of aggregated moments we finally try to reproduce. $f_e(m)$ and $f_t(m)$ respectively denote the empirical and predicted values of moment m at the aggregate level. With the *ad-hoc regression model*, $\mathcal{F} = 0.0168$ while $\mathcal{F} = 0.0611$ with the *structural estimation model*. It means that, on average, for any moment we try to reproduce, the distance between the value predicted by the ad-hoc model and its empirical value represents 1.68% of the empirical value. In the case of the structural model, the error represents on average 6.11% of its empirical counterpart. The difference between these two values is the cost to pay in order to be able to decompose childlessness into its four components and to estimate the relationship between fertility, childlessness, and development. We tend to think that this cost remains quite reasonable since for instance, as shown on Figure 6, our model is able to explain more than 97% of childlessness at the aggregate level.

As for many measures of fit, one may want to correct the proposed measure thanks to a criterion of parsimony. In the spirit of an adjusted R^2, we have computed

$$\mathcal{F}_{Adj} = \frac{n-1}{n-p-1} \times \mathcal{F}$$

where n is the number of country-specific moments to be reproduced by each model. n is equal to 4,104, corresponding to 6 moments for each of the 19 education categories in our 36 countries. p denotes the number of parameters used by our two alternative models. We obtain $\mathcal{F}_{Adj} = 0.0199$ in the case of ad-hoc regressions and $\mathcal{F}_{Adj} = 0.0676$ in the case of structural estimations. The correction is rather limited.

E.5. *Identification from SMM - Figures*
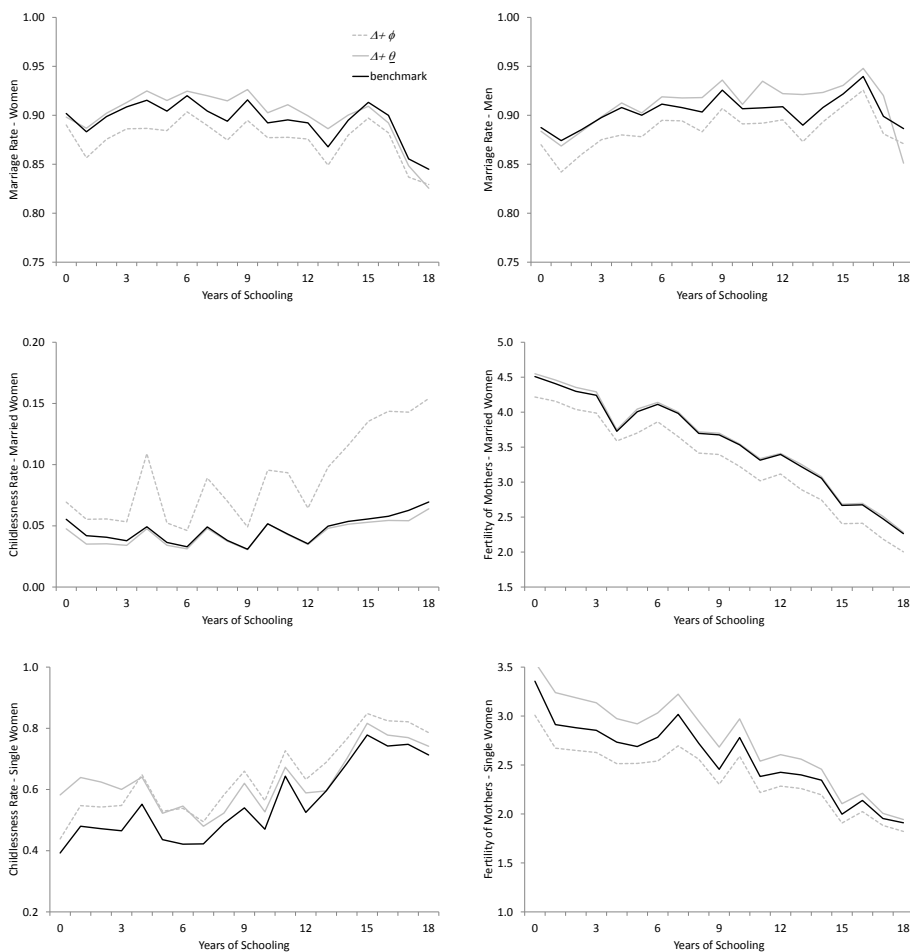
FIGURE E.4. Effects of changes in ϕ (dashed gray) and $\underline{\theta}$ (solid gray).
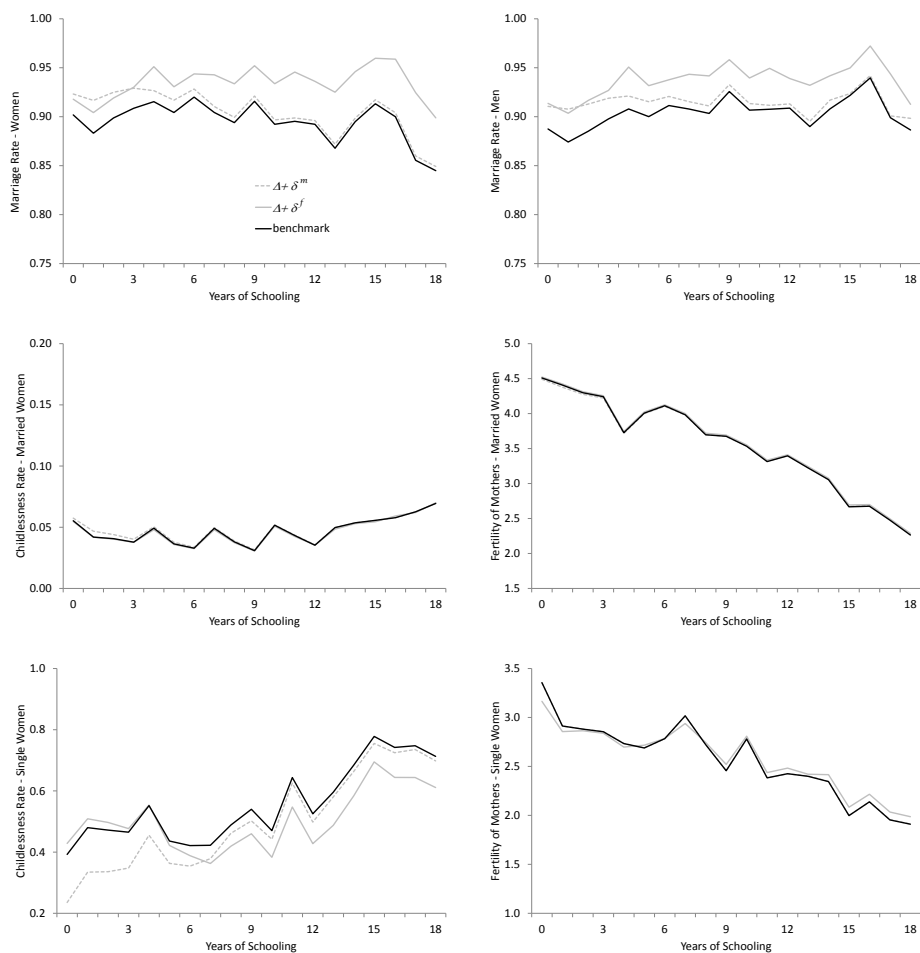
FIGURE E.5. Effects of changes in δ_f (solid gray) and δ_m (dashed gray).
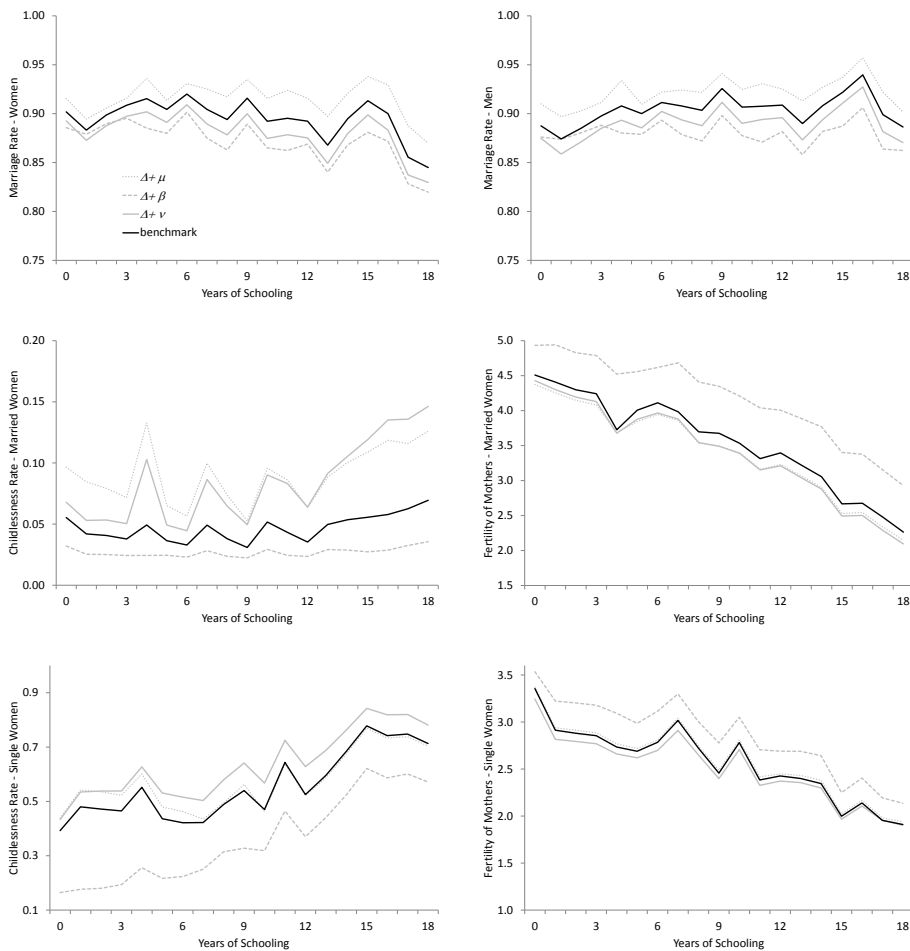
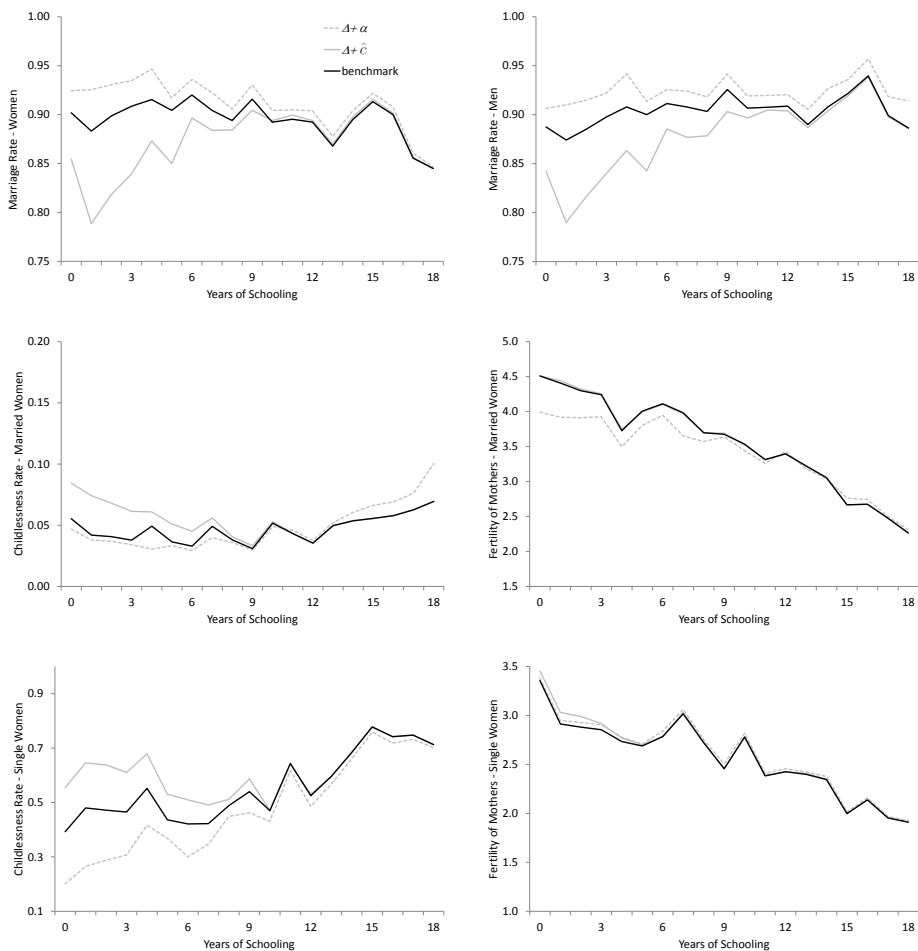FIGURE E.6. Effects of changes in μ (dotted gray), the mean of the exponential distribution of β (dashed gray) and ν (solid gray)
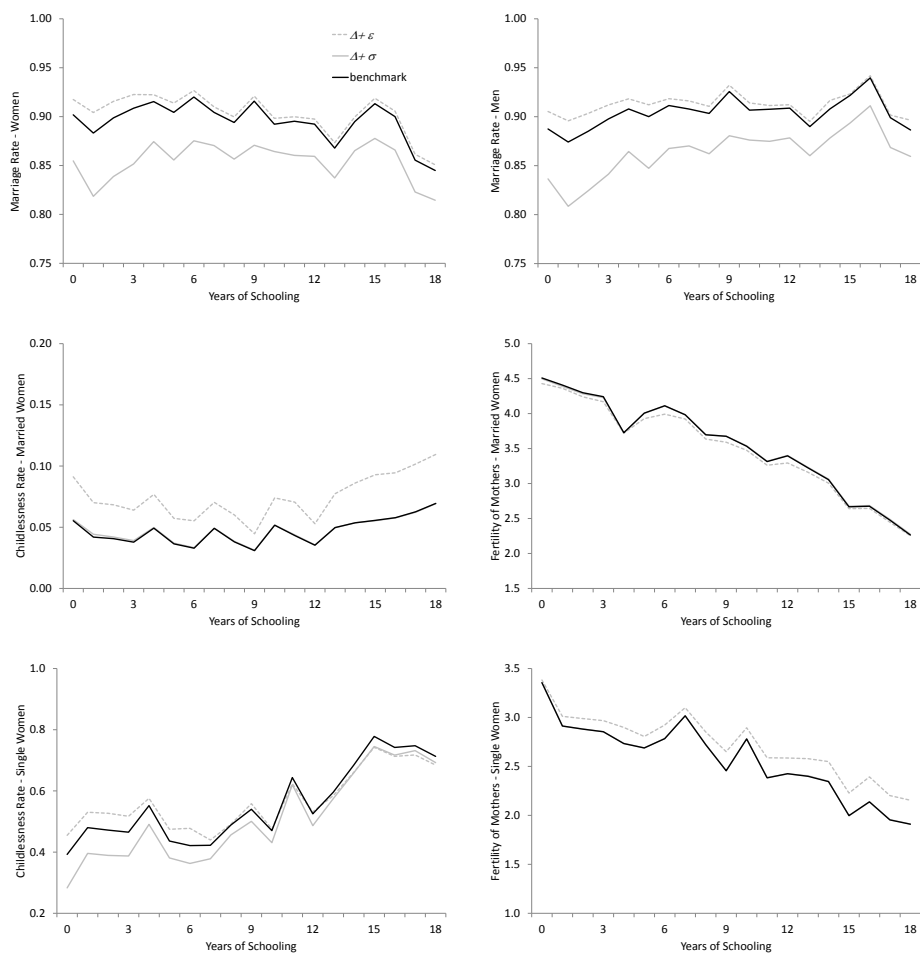
FIGURE E.7. Effects of changes in $\hat{c}$ and α

FIGURE E.8. Effects of changes in σ and ε

E.6. Comparative Statics – All Countries

TABLE E.20. Comparative statics when childlessness and marriage are endogenous ($\Delta F/F$) and assuming that childlessness and marriage are fixed to their benchmark values ($\Delta F_p/F$) for all countries.

Cntry	Bench Fertility	Universal primary educ.		Perfect family planning		No child Mortality		Gender wage equality	
		$\Delta F/F$	$\Delta F_p/F$	$\Delta F/F$	$\Delta F_p/F$	$\Delta F/F$	$\Delta F_p/F$	$\Delta F/F$	$\Delta F_p/F$
ARG	3.02	-2.02	-4.07	-39.51	-40.91	1.36	1.59	-19.13	-2.04
BOL	4.07	0.63	-0.63	-10.20	-11.46	11.13	17.70	-4.68	-4.81
BRA	3.25	-4.96	-7.20	-29.12	-30.19	1.87	4.69	-13.02	-7.13
CHL	3.09	-1.05	-1.04	-3.77	-3.91	2.36	1.98	-19.69	-16.27
COL	3.10	-0.23	-1.54	-9.22	-8.37	3.42	3.38	-15.52	-9.35
CRI	3.59	0.24	-0.58	-6.92	-7.39	3.08	3.09	-12.27	-8.39
DOM	3.47	-3.69	-5.19	-9.87	-10.87	2.88	3.39	-13.26	-11.31
ECU	3.44	-1.91	-2.78	-8.35	-9.07	2.23	2.37	-12.63	-9.83
HAI	4.33	-8.08	-7.87	-17.60	-16.07	12.52	11.74	-9.73	-5.54
JAM	4.12	0.24	0.04	-0.32	-0.43	2.61	2.26	-11.44	-5.58
MEX	3.85	-1.86	-2.56	-17.14	-19.00	2.35	3.17	-11.32	-8.71
NIC	3.73	1.79	-0.20	-5.06	-5.75	7.88	7.86	-5.95	-4.81
PAN	3.81	3.64	0.68	-5.11	-6.22	5.03	5.27	-9.63	-7.80
PER	3.68	1.30	-0.10	-7.55	-8.01	4.91	4.96	-13.91	-10.78
SAL	3.51	-0.09	-1.32	-6.18	-5.68	6.65	6.58	-11.25	-7.16
URY	2.91	-0.72	-1.54	-28.04	-28.38	2.12	1.55	-25.96	-6.26
VEN	3.75	-0.45	-0.74	-2.07	-2.16	3.77	3.39	-20.52	-12.04
CAM	3.83	0.58	-1.63	-13.25	-8.43	12.53	11.99	-9.45	-5.61
GHA	3.61	-6.48	-8.02	-24.18	-23.63	6.80	6.00	-11.08	-6.55
KEN	5.40	-0.46	-1.68	-8.12	-9.40	8.10	11.62	-5.75	-6.90
LBR	4.75	-5.99	-6.65	-8.90	-8.76	8.77	12.34	-5.61	-4.79
MAR	3.65	-3.84	-4.00	-10.37	-8.44	10.37	9.44	-19.52	-9.83
MLI	4.30	-7.35	-10.28	-5.17	-4.38	12.46	12.26	-12.69	-12.62
MWI	4.56	-4.19	-4.94	-16.62	-15.96	12.55	19.54	-6.20	-5.50
RWA	5.31	2.61	1.85	-7.86	-9.46	14.38	28.67	-0.89	-2.58
SEN	4.71	-7.92	-8.71	-1.69	-1.74	9.01	8.29	-11.62	-10.34
SLE	3.97	-5.69	-7.61	-4.66	-4.30	20.14	20.64	-11.41	-9.31
TZA	5.06	3.75	-0.15	-8.29	-8.48	12.13	18.13	-1.89	-4.81
UGA	5.37	-2.05	-3.95	-11.46	-12.01	3.74	14.63	-2.33	-3.54
ZAF	3.69	0.73	-0.84	-2.72	-2.83	5.91	5.52	-7.00	-4.37
ZMB	4.32	-1.65	-3.13	-12.25	-11.96	7.38	10.28	-12.37	-10.93
IDN	3.74	2.80	1.39	-3.73	-3.22	9.63	9.16	-11.07	-11.05
KHM	3.71	-7.93	-11.88	-21.37	-24.44	1.48	4.59	-18.56	-13.64
THA	2.69	-7.51	-8.76	-40.50	-41.49	2.34	1.51	-25.78	-1.67
VNM	3.05	0.26	-1.20	-24.66	-26.03	1.13	1.36	-14.32	-10.74
WBG	6.43	-4.64	-4.80	-16.13	-15.87	7.18	7.97	-6.14	-4.03

TABLE E.21. Decomposition of childlessness (%), by country before and after universal primary education (natural sterility omitted).

Country	O.D.C.[a]		P.D.C.[b]		M.D.C.[c]		Total (simulated)	
	before	after	before	after	before	after	before	after
ARG	11.0	9.4	0.3	0.0	0.9	0.8	14.0	12.1
BOL	1.0	1.3	2.3	1.1	0.7	0.7	5.8	5.0
BRA	5.4	6.5	3.5	0.6	0.8	0.8	11.6	9.7
CHL	7.0	7.1	0.0	0.0	0.3	0.3	9.1	9.2
COL	7.4	8.9	3.2	0.8	0.4	0.3	12.7	11.8
CRI	4.0	4.3	1.5	0.6	0.2	0.2	7.6	6.9
DOM	1.6	1.6	2.8	1.3	0.6	0.7	6.9	5.5
ECU	4.9	5.3	2.0	0.9	0.5	0.5	9.2	8.6
HTI	2.8	3.5	2.3	2.0	0.9	0.9	7.9	8.4
JAM	5.0	4.8	0.0	0.0	0.1	0.1	6.7	6.6
MEX	4.0	4.4	2.7	1.8	0.3	0.3	8.9	8.4
NIC	1.2	1.2	2.2	0.7	0.2	0.2	5.5	4.0
PAN	1.1	0.9	2.5	0.4	0.1	0.1	5.6	3.3
PER	1.3	1.4	2.0	1.0	0.2	0.2	5.4	4.4
SAL	3.6	5.0	3.3	1.1	0.4	0.4	9.0	8.3
URY	9.7	9.0	0.0	0.0	0.7	0.6	12.3	11.6
VEN	5.3	5.1	0.0	0.0	0.2	0.2	7.3	7.1
CAM	2.3	2.9	11.8	9.4	0.8	1.0	16.7	15.1
GHA	4.9	3.8	1.2	0.6	1.7	1.9	9.7	8.2
KEN	0.1	0.1	1.9	1.0	0.2	0.1	4.1	3.1
LBR	3.0	6.8	6.9	2.4	1.2	1.3	12.9	12.3
MAR	2.6	2.3	0.1	0.0	0.5	0.5	5.2	4.8
MLI	0.5	4.2	12.6	6.2	1.1	1.3	16.1	13.6
MWI	1.0	0.5	1.1	1.0	1.4	1.3	5.5	4.7
RWA	0.0	0.0	1.8	1.5	0.1	0.0	3.8	3.5
SEN	0.5	0.8	2.9	2.2	0.5	0.4	5.8	5.2
SLE	1.2	3.2	8.5	4.3	1.9	2.4	13.4	11.8
TZA	0.0	0.0	3.7	0.4	0.3	0.3	5.9	2.6
UGA	0.1	5.7	3.1	1.4	0.7	0.6	5.8	4.0
ZAF	1.9	2.2	3.4	1.7	0.2	0.3	7.3	6.0
ZMB	1.5	2.0	5.5	3.4	1.2	1.3	10.1	8.8
IDN	0.0	2.9	1.7	0.5	0.4	0.3	4.1	2.8
KHM	0.9	0.6	4.9	0.9	0.4	0.6	8.2	4.1
THA	3.4	3.4	0.0	0.0	1.1	0.9	6.5	6.3
VNM	3.3	3.6	1.8	0.2	0.2	0.1	7.2	5.9
WBG	2.3	2.3	0.0	0.0	0.5	0.5	4.7	4.8
ALL	3.5	2.5	2.3	1.1	0.5	0.9	8.2	6.5
DHS	2.9	4.3	2.6	0.8	0.5	0.5	7.9	7.0

Note: **ALL** is an aggregate of the country specific estimations. **DHS** provides the aggregated estimates for the childlessness decomposition for countries having data in both DHS and IPUMS.

a. Opportunity-driven childlessness

b. Poverty-driven childlessness

c. Mortality-driven childlessness

TABLE E.22. Decomposition of childlessness (%), by country before and after perfect family planning (natural sterility omitted).

Country	O.D.C.[a]		P.D.C.[b]		M.D.C.[c]		Total (simulated)	
	before	after	before	after	before	after	before	after
ARG	11.0	8.7	0.3	0.0	0.9	1.2	14.0	11.9
BOL	1.0	0.8	2.3	0.6	0.7	1.1	5.8	4.5
BRA	5.4	5.5	3.5	1.6	0.8	1.3	11.6	10.3
CHL	7.0	6.8	0.0	0.0	0.3	0.3	9.1	9.0
COL	7.4	8.1	3.2	3.1	0.4	0.5	12.7	13.5
CRI	4.0	4.0	1.5	0.9	0.2	0.3	7.6	7.1
DOM	1.6	1.6	2.8	1.5	0.6	0.8	6.9	5.9
ECU	4.9	5.0	2.0	1.1	0.5	0.6	9.2	8.5
HTI	2.8	4.1	2.3	2.1	0.9	1.4	7.9	9.5
JAM	5.0	4.9	0.0	0.0	0.1	0.1	6.7	6.6
MEX	4.0	3.8	2.7	0.6	0.3	0.5	8.9	6.9
NIC	1.2	1.2	2.2	1.3	0.2	0.4	5.5	4.8
PAN	1.1	1.1	2.5	1.3	0.1	0.2	5.6	4.5
PER	1.3	1.3	2.0	1.4	0.2	0.3	5.4	4.9
SAL	3.6	3.8	3.3	3.4	0.4	0.5	9.0	9.5
URY	9.7	9.0	0.0	0.0	0.7	0.9	12.3	11.8
VEN	5.3	5.2	0.0	0.0	0.2	0.2	7.3	7.2
CAM	2.3	2.8	11.8	15.3	0.8	1.1	16.7	21.0
GHA	4.9	5.8	1.2	0.4	1.7	2.2	9.7	10.3
KEN	0.1	0.0	1.9	0.5	0.2	0.3	4.1	2.8
LBR	3.0	3.5	6.9	6.2	1.2	1.4	12.9	13.0
MAR	2.6	4.2	0.1	0.2	0.5	0.8	5.2	7.2
MLI	0.5	0.5	12.6	13.0	1.1	1.3	16.1	16.7
MWI	1.0	1.5	1.1	0.7	1.4	2.0	5.5	6.2
RWA	0.0	0.0	1.8	0.0	0.1	0.1	3.8	2.1
SEN	0.5	0.5	2.9	2.8	0.5	0.5	5.8	5.7
SLE	1.2	1.2	8.5	8.5	1.9	2.2	13.4	13.8
TZA	0.0	0.0	3.7	3.3	0.3	0.5	5.9	5.7
UGA	0.1	0.1	3.1	2.2	0.7	1.0	5.8	5.2
ZAF	1.9	1.9	3.4	3.2	0.2	0.3	7.3	7.2
ZMB	1.5	1.7	5.5	5.2	1.2	1.5	10.1	10.4
IDN	0.0	0.0	1.7	2.1	0.4	0.5	4.1	4.6
KHM	0.9	0.9	4.9	0.9	0.4	0.7	8.2	4.4
THA	3.4	4.5	0.0	0.0	1.1	1.6	6.5	8.1
VNM	3.3	3.2	1.8	0.1	0.2	0.3	7.2	5.5
WBG	2.3	3.0	0.0	0.0	0.5	0.6	4.7	5.6
ALL	3.5	2.2	2.3	2.1	0.5	1.0	8.2	7.3
DHS	2.9	3.6	2.6	1.4	0.5	0.8	7.9	7.7

Note: **ALL** is an aggregate of the country specific estimations. **DHS** provides the aggregated estimates for the childlessness decomposition for countries having data in both DHS and IPUMS.

a. Opportunity-driven childlessness

b. Poverty-driven childlessness

c. Mortality-driven childlessness

TABLE E.23. Decomposition of childlessness (%), by country before and after the eradication of child mortality (natural sterility omitted).

Country	O.D.C.[a]		P.D.C.[b]		M.D.C.[c]		Total (simulated)	
	before	after	before	after	before	after	before	after
ARG	11.0	11.6	0.3	0.7	0.9	0.0	14.0	14.2
BOL	1.0	1.0	2.3	8.2	0.7	0.0	5.8	11.0
BRA	5.4	5.2	3.5	6.8	0.8	0.0	11.6	13.9
CHL	7.0	7.0	0.0	0.0	0.3	0.0	9.1	8.8
COL	7.4	7.3	3.2	3.6	0.4	0.0	12.7	12.7
CRI	4.0	4.0	1.5	1.8	0.2	0.0	7.6	7.6
DOM	1.6	1.6	2.8	3.9	0.6	0.0	6.9	7.4
ECU	4.9	4.8	2.0	2.6	0.5	0.0	9.2	9.3
HTI	2.8	2.4	2.3	2.9	0.9	0.0	7.9	7.3
JAM	5.0	4.8	0.0	0.0	0.1	0.0	6.7	6.5
MEX	4.0	3.9	2.7	3.8	0.3	0.0	8.9	9.6
NIC	1.2	1.2	2.2	2.5	0.2	0.0	5.5	5.5
PAN	1.1	1.1	2.5	2.9	0.1	0.0	5.6	5.9
PER	1.3	1.2	2.0	2.3	0.2	0.0	5.4	5.5
SAL	3.6	3.5	3.3	3.7	0.4	0.0	9.0	9.0
URY	9.7	9.9	0.0	0.0	0.7	0.0	12.3	11.7
VEN	5.3	5.1	0.0	0.0	0.2	0.0	7.3	6.9
CAM	2.3	2.2	11.8	12.4	0.8	0.0	16.7	16.3
GHA	4.9	4.7	1.2	2.4	1.7	0.0	9.7	9.0
KEN	0.1	0.1	1.9	5.2	0.2	0.0	4.1	7.1
LBR	3.0	2.6	6.9	11.2	1.2	0.0	12.9	15.6
MAR	2.6	2.6	0.1	0.1	0.5	0.0	5.2	4.6
MLI	0.5	0.5	12.6	13.7	1.1	0.0	16.1	16.0
MWI	1.0	0.9	1.1	8.2	1.4	0.0	5.5	11.0
RWA	0.0	0.1	1.8	12.4	0.1	0.0	3.8	14.3
SEN	0.5	0.5	2.9	2.8	0.5	0.0	5.8	5.3
SLE	1.2	1.1	8.5	11.0	1.9	0.0	13.4	13.9
TZA	0.0	0.0	3.7	8.9	0.3	0.0	5.9	10.8
UGA	0.1	0.1	3.1	12.6	0.7	0.0	5.8	14.6
ZAF	1.9	1.8	3.4	3.5	0.2	0.0	7.3	7.0
ZMB	1.5	1.4	5.5	9.2	1.2	0.0	10.1	12.4
IDN	0.0	0.0	1.7	1.7	0.4	0.0	4.1	3.7
KHM	0.9	0.9	4.9	8.1	0.4	0.0	8.2	10.9
THA	3.4	3.4	0.0	0.0	1.1	0.0	6.5	5.4
VNM	3.3	3.3	1.8	2.2	0.2	0.0	7.2	7.4
WBG	2.3	2.3	0.0	0.0	0.5	0.0	4.7	4.3
ALL	3.5	2.2	2.3	5.8	0.5	0.0	8.2	9.9
DHS	2.9	3.4	2.6	3.6	0.5	0.0	7.9	8.9

Note: **ALL** is an aggregate of the country specific estimations. **DHS** provides the aggregated estimates for the childlessness decomposition for countries having data in both DHS and IPUMS.

a.   Opportunity-driven childlessness

b.   Poverty-driven childlessness

c.   Mortality-driven childlessness

TABLE E.24. Decomposition of childlessness (%), by country before and after the disappearance of gender wage gaps (natural sterility omitted).

Country	O.D.C.[a]		P.D.C.[b]		M.D.C.[c]		Total (simulated)	
	before	after	before	after	before	after	before	after
ARG	11.0	26.4	0.3	0.0	0.9	0.8	14.0	29.0
BOL	1.0	2.1	2.3	1.2	0.7	1.0	5.8	6.2
BRA	5.4	12.6	3.5	1.9	0.8	1.3	11.6	17.6
CHL	7.0	11.1	0.0	0.0	0.3	0.6	9.1	13.5
COL	7.4	14.2	3.2	2.7	0.4	0.5	12.7	19.2
CRI	4.0	8.4	1.5	1.3	0.2	0.3	7.6	11.8
DOM	1.6	4.5	2.8	1.6	0.6	1.0	6.9	9.1
ECU	4.9	8.9	2.0	1.3	0.5	0.7	9.2	12.7
HTI	2.8	7.0	2.3	1.6	0.9	1.3	7.9	11.8
JAM	5.0	11.6	0.0	0.0	0.1	0.1	6.7	13.3
MEX	4.0	7.4	2.7	2.5	0.3	0.5	8.9	12.3
NIC	1.2	2.6	2.2	1.9	0.2	0.4	5.5	6.7
PAN	1.1	3.6	2.5	2.0	0.1	0.3	5.6	7.7
PER	1.3	4.3	2.0	2.9	0.2	0.4	5.4	9.5
SAL	3.6	8.8	3.3	2.8	0.4	0.6	9.0	14.0
URY	9.7	28.3	0.0	0.0	0.7	0.8	12.3	30.8
VEN	5.3	14.1	0.0	0.0	0.2	0.4	7.3	16.2
CAM	2.3	8.5	11.8	9.0	0.8	1.2	16.7	20.6
GHA	4.9	9.4	1.2	0.5	1.7	2.2	9.7	14.0
KEN	0.1	0.4	1.9	0.7	0.2	0.3	4.1	3.3
LBR	3.0	6.1	6.9	4.3	1.2	1.5	12.9	13.7
MAR	2.6	7.3	0.1	0.0	0.5	0.9	5.2	10.3
MLI	0.5	4.8	12.6	7.6	1.1	1.9	16.1	16.2
MWI	1.0	1.2	1.1	1.2	1.4	1.8	5.5	6.2
RWA	0.0	0.0	1.8	0.6	0.1	0.1	3.8	2.7
SEN	0.5	2.4	2.9	2.0	0.5	0.8	5.8	7.1
SLE	1.2	4.3	8.5	6.3	1.9	2.9	13.4	15.4
TZA	0.0	0.0	3.7	1.2	0.3	0.4	5.9	3.6
UGA	0.1	0.4	3.1	1.3	0.7	0.8	5.8	4.5
ZAF	1.9	3.6	3.4	4.7	0.2	0.3	7.3	10.3
ZMB	1.5	5.2	5.5	2.4	1.2	1.9	10.1	11.4
IDN	0.0	0.5	1.7	0.9	0.4	0.8	4.1	4.1
KHM	0.9	8.4	4.9	1.7	0.4	1.2	8.2	13.3
THA	3.4	6.0	0.0	0.0	1.1	1.0	6.5	9.0
VNM	3.3	8.1	1.8	0.8	0.2	0.4	7.2	11.2
WBG	2.3	2.2	0.0	0.0	0.5	0.5	4.7	4.7
ALL	3.5	7.2	2.3	1.8	0.5	1.2	8.2	12.0
DHS	2.9	7.8	2.6	1.5	0.5	0.8	7.9	12.0

Note: **ALL** is an aggregate of the country specific estimations. **DHS** provides the aggregated estimates for the childlessness decomposition for countries having data in both DHS and IPUMS.

a. Opportunity-driven childlessness

b. Poverty-driven childlessness

c. Mortality-driven childlessness