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Slow-downs of fertility decline: When should we call it a ‘fertility stall’?

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Table S1. Survey Availability by country, region, and period

	WFS			DHS and MICS									
Sub Sahara Africa	**ca 1980**	**ca 1992**		**ca 1998**		**ca 2004**		**ca 2010**		**ca 2016**			
Angola						2007		2011		2016			
Benin	1981			1996		2001		2006		2012	2014	2018	
Burkina Faso		1992		1998		2003		2010		2014	2018		
Burundi		1987						2010		2012	2016		
Cameroon	1978	1991		1998		2004		2011		2014			
Chad				1997		2004				2015			
Congo, Dem. Rep.						2007				2014			
Congo (Rep)						2005				2012	2015		
Cote d'Ivoire	1980	1994		1999				2012		2016			
Ethiopia				2000		2005		2011		2016			
Ghana		1988	1993	1998		2003		2008	2011	2014	2016		
Guinea				1999		2005		2012		2016	2018		
Kenya	1977	1989	1993	1998		2003		2009		2014	2015		
Lesotho	1977					2004		2009		2014			
Liberia		1986				2007		2009	2011	2013	2016		
Madagascar		1992		1997		2004		2009	2011	2013	2016		
Malawi		1992		2000		2004	2006	2010	2012	2014	2014*	2015	2017
Mali		1987		1996		2001	2006			2013	2015	2015*	2018
Mauritania	1981							2011		2015			
Mozambique				1997		2003		2008		2011	2015	2018	
Namibia		1992		2000		2007				2013			
Niger		1992		1998		2006		2012					
Nigeria		1990		2003		2008		2010		2013	2015	2017	
Rwanda		1992		2000		2003		2008	2010	2013	2015	2017	
Senegal	1978	1986	1993	1997		2005	2006	2009	2011	2013	2014	2015	2016	2017
Sierra Leone								2008		2013	2016	2017	
Sudan	1978	1990						2010		2014			
Swaziland						2007		2010		2014			
Tanzania		1992		1996	1999	2005	2008	2010	2012	2015	2017		
Togo		1988		1998						2014	2017		
Uganda		1989	1994	2001		2006		2009	2011	2015	2016		
Zambia		1992		1996		2002		2007		2014			
Zimbabwe		1988	1994	1999		2006		2009	2011	2014	2015		
North Africa and Non-Africa													
Armenia				2000		2005	2010			2016			
Bangladesh	1975	1993		1996	1999	2004	2007	2011		2014			
Bolivia		1989	1994	1998		2003		2008					
Cambodia				2000		2005		2010		2014			
Colombia	1976	1986	1990	1995	2000	2005		2010					
Dominican Rep.	1975	1986	1991	1996	1999	2002		2007		2013	2014		
Egypt, Arab Rep.	1980	1988	1992	1995	2000	2003	2005	2008		2014			
Guatemala		1987	1995	1999						2015			
Guyana	1975					2005		2009		2014			
Haiti	1977	1995		2000		2006		2012		2016			
India		1993		1999		2006				2015			
Indonesia	1976	1987	1991	1994	1997	2003		2007		2012	2017		
Iraq						2006		2011		2018			
Jordan		1990		1997		2002	2007	2009		2012	2018		
Morocco	1980	1987	1992			2004							
Kyrgyz Republic				1997		2012		2014		2018			
Nepal	1976			1996		2001	2006	2011		2014	2016		
Pakistan	1975	1990				2007				2013	2018		
Paraguay	1979	1990								2016			
Peru	1977	1986	1992	1996	2000	2006	2009	2010	2011	2012			
Philippines	1978	1993		1998		2003		2008		2013	2017		
Tunisia		1988						2012		2018			
Turkey	1978	1993		1998		2003							
Yemen, Rep.	1979	1992	1993			2006							

Note: Countries with at least three surveys rounds. See Table S3 for a complete list. * MICS and DHS in the same year.

Table S2. TFR and annual changes in fertility by country and survey year

Country	Year	Data	TFR	Annualized change between two subsequent surveys	Country	Year	Data	TFR	Annualized change between two subsequent surveys	Country	Year	Data	TFR	Annualized change between two subsequent surveys
Albania	2009	DHS	1.6		Colombia	2010	DHS	2.1	-0.05	Guyana	1975	WFS	4.4	
Albania	2018	DHS	1.8	0.02	Comoros	1996	DHS	4.6		Guyana	2005	DHS	2.5	-0.06
Angola	2007	DHS	5.8		Comoros	2012	DHS	4.3	-0.02	Guyana	2009	DHS	2.8	0.07
Angola	2011	DHS	6.3	0.13	Congo, D. R.	2007	DHS	6.3		Guyana	2014	MICS	2.6	-0.03
Angola	2016	DHS	6.2	-0.02	Congo, D. R.	2014	DHS	6.6	0.04	Haiti	1977	WFS	5.6	
Armenia	2000	DHS	1.7		Congo, D. R.	2005	DHS	4.8		Haiti	1995	DHS	4.8	-0.04
Armenia	2005	DHS	1.7	0.00	Congo, D. R.	2012	DHS	5.1	0.04	Haiti	2000	DHS	4.7	-0.02
Armenia	2010	DHS	1.7	0.00	Congo, D. R.	2015	MICS	4.4	-0.23	Haiti	2006	DHS	3.9	-0.13
Armenia	2016	DHS	1.7	0.01	Cote d'Ivoire	1980	WFS	6.9		Haiti	2012	DHS	3.5	-0.06
Bangladesh	1975	WFS	5.7		Cote d'Ivoire	1994	DHS	5.3	-0.12	Haiti	2016	DHS	3.0	-0.13
Bangladesh	1994	DHS	3.4	-0.12	Cote d'Ivoire	1999	DHS	5.2	-0.03	Honduras	2006	DHS	3.3	
Bangladesh	1997	DHS	3.3	-0.06	Cote d'Ivoire	2012	DHS	5.0	-0.02	Honduras	2012	DHS	2.9	-0.05
Bangladesh	2000	DHS	3.3	0.01	Cote d'Ivoire	2016	MICS	4.6	-0.09	India	1993	DHS	4.0	
Bangladesh	2004	DHS	3.0	-0.07	Dominican R.	1975	WFS	5.1		India	1999	DHS	3.4	
Bangladesh	2007	DHS	2.7	-0.11	Dominican R.	1986	DHS	3.7	-0.13	India	2006	DHS	2.8	-0.09
Bangladesh	2011	DHS	2.3	-0.10	Dominican R.	1991	DHS	3.3	-0.07	India	2015	DHS	2.7	-0.02
Bangladesh	2014	DHS	2.3	-0.01	Dominican R.	1996	DHS	3.2	-0.04	Indonesia	1976	WFS	2.2	-0.06
Benin	1981	WFS	7.2		Dominican R.	1999	DHS	2.7	-0.17	Indonesia	1987	DHS	3.1	-0.19
Benin	1996	DHS	6.0	-0.09	Dominican R.	2002	DHS	3.0	0.11	Indonesia	1991	DHS	3.0	-0.01
Benin	2001	DHS	5.6	-0.07	Dominican R.	2007	DHS	2.4	-0.11	Indonesia	1994	DHS	2.9	-0.06
Benin	2006	DHS	5.7	0.03	Dominican R.	2013	DHS	2.5	0.01	Indonesia	1997	DHS	2.8	-0.02
Benin	2012	DHS	4.9	-0.14	Dominican R.	2014	MICS	2.5	0.05	Indonesia	2003	DHS	2.6	-0.04
Benin	2014	MICS	5.7	0.38	Ecuador	1979	WFS	5.2		Indonesia	2007	DHS	2.6	0.01
Benin	2018	DHS	5.7	0.01	Ecuador	1987	DHS	4.2	-0.12	Indonesia	2012	DHS	2.6	0.00
Bolivia	1989	DHS	5.0		Egypt, Arab R.	1980	WFS	6.4		Indonesia	2017	DHS	2.4	-0.03
Bolivia	1994	DHS	4.8	-0.05	Egypt, Arab R.	1988	DHS	4.5	-0.23	Iraq	2006	MICS	4.3	
Bolivia	1998	DHS	4.2	-0.13	Egypt, Arab R.	1992	DHS	3.9	-0.15	Iraq	2011	MICS	4.5	0.04
Bolivia	2003	DHS	3.8	-0.08	Egypt, Arab R.	1995	DHS	3.6	-0.10	Iraq	2018	MICS	3.6	-0.13
Bolivia	2008	DHS	3.5	-0.06	Egypt, Arab R.	2000	DHS	3.5	-0.02	Jordan	1990	DHS	5.6	
Brazil	1986	DHS	3.4		Egypt, Arab R.	2003	DHS	3.2	-0.11	Jordan	1997	DHS	4.4	-0.17
Brazil	1996	DHS	2.5	-0.08	Egypt, Arab R.	2005	DHS	3.1	-0.03	Jordan	2002	DHS	3.7	-0.14
Burkina Faso	1993	DHS	6.5		Egypt, Arab R.	2008	DHS	3.0	-0.04	Jordan	2007	DHS	3.6	-0.02
Burkina Faso	1999	DHS	6.4	-0.01	Egypt, Arab R.	2014	DHS	3.5	0.07	Jordan	2009	DHS	3.8	0.13
Burkina Faso	2003	DHS	5.9	-0.14	El Salvador	1985	DHS	4.2		Jordan	2012	DHS	3.5	-0.11
Burkina Faso	2010	DHS	6.0	0.02	El Salvador	2014	MICS	2.3	-0.07	Jordan	2018	DHS	2.7	-0.13
Burkina Faso	2014	DHS	5.5	-0.13	Ethiopia	2000	DHS	5.5		Kazakhstan	1995	DHS	2.5	
Burkina Faso	2018	DHS	5.2	-0.07	Ethiopia	2005	DHS	5.4	-0.02	Kazakhstan	1999	DHS	2.0	-0.11
Burundi	1987	DHS	6.9		Ethiopia	2011	DHS	4.8	-0.10	Kenya	1977	WFS	7.8	
Burundi	2010	DHS	6.4	-0.02	Ethiopia	2016	DHS	4.6	-0.05	Kenya	1989	DHS	6.7	-0.09
Burundi	2012	DHS	6.1	-0.14	Gabon	2000	DHS	4.2		Kenya	1993	DHS	5.4	-0.32
Burundi	2016	DHS	5.5	-0.14	Gabon	2012	DHS	4.1	-0.01	Kenya	1998	DHS	4.7	-0.14
Cambodia	2000	DHS	3.8		Gambia	2013	DHS	5.6		Kenya	2003	DHS	4.9	0.04
Cambodia	2005	DHS	3.4	-0.07	Gambia	2018	MICS	4.4	-0.25	Kenya	2009	DHS	4.6	-0.05
Cambodia	2010	DHS	3.0	-0.07	Ghana	1988	DHS	6.4		Kenya	2014	DHS	3.9	-0.13
Cambodia	2014	DHS	2.7	-0.08	Ghana	1993	DHS	5.2	-0.25	Kenya	2015	DHS	3.7	-0.17
Cameroon	1978	WFS	6.3		Ghana	1998	DHS	4.4	-0.14	Kyrgyz R.	1997	DHS	3.4	
Cameroon	1991	DHS	5.8	-0.04	Ghana	2003	DHS	4.4	0.00	Kyrgyz R.	2012	DHS	3.6	0.02
Cameroon	1998	DHS	4.8	-0.14	Ghana	2008	DHS	4.0	-0.08	Kyrgyz R.	2014	MICS	4.0	0.19
Cameroon	2004	DHS	5.0	0.03	Ghana	2011	MICS	4.3	0.09	Kyrgyz R.	2018	MICS	3.9	-0.02
Cameroon	2011	DHS	5.1	0.02	Ghana	2014	DHS	4.2	-0.04	Lao PDR	2012	MICS	3.2	
Cameroon	2014	MICS	4.9	-0.07	Ghana	2016	DHS	4.2	-0.01	Lao PDR	2017	MICS	2.7	-0.08
Chad	1997	DHS	6.4		Guatemala	1987	DHS	5.5		Lesotho	1977	WFS	6.8	
Chad	2004	DHS	6.3	0.00	Guatemala	1995	DHS	5.1	-0.05	Lesotho	2004	DHS	3.5	-0.12
Chad	2015	DHS	6.4	0.01	Guatemala	1999	DHS	5.0	-0.02	Lesotho	2009	DHS	3.3	-0.05
Colombia	1976	WFS	4.6		Guatemala	2015	DHS	3.1	-0.12	Lesotho	2014	DHS	3.3	-0.01
Colombia	1986	DHS	3.2	-0.14	Guinea	1999	DHS	5.5		Liberia	1986	DHS	6.7	
Colombia	1990	DHS	2.8	-0.10	Guinea	2005	DHS	5.7	0.03	Liberia	2007	DHS	5.2	-0.07
Colombia	1995	DHS	3.0	0.03	Guinea	2012	DHS	5.1	-0.09	Liberia	2009	DHS	5.9	0.34
Colombia	2000	DHS	2.6	-0.07	Guinea	2016	MICS	4.8	-0.09	Liberia	2011	DHS	4.9	-0.48
Colombia	2005	DHS	2.4	-0.04	Guinea	2018	DHS	4.8	0.03	Liberia	2013	DHS	4.7	-0.10

Note: Tables continues on next page.

Table S2. TFR and annual changes in fertility by country and survey year (continued)

Country	Year		TFR	Annualized change between two subsequent surveys	Country	Year		TFR	Annualized change between two subsequent surveys	Country	Year		TFR	Annualized change between two subsequent surveys
Liberia	2016	DHS	4.2	-0.18	Niger	1998	DHS	7.2	0.04	Sierra Leone	2008	DHS	5.1	
Madagascar	1992	DHS	6.1		Niger	2006	DHS	7.0	-0.02	Sierra Leone	2013	DHS	4.9	-0.04
Madagascar	1997	DHS	6.0	-0.03	Niger	2012	DHS	7.6	0.10	Sierra Leone	2016	DHS	4.2	-0.24
Madagascar	2004	DHS	5.2	-0.11	Nigeria	1990	DHS	6.0		Sierra Leone	2017	MICS	4.1	-0.10
Madagascar	2009	DHS	4.8	-0.07	Nigeria	2003	DHS	5.7	-0.03	South Africa	1998	DHS	2.9	
Madagascar	2011	DHS	5.2	0.18	Nigeria	2008	DHS	5.7	0.01	South Africa	2016	DHS	2.6	-0.01
Madagascar	2013	DHS	4.4	-0.40	Nigeria	2010	DHS	6.1	0.19	Sri Lanka	1975	WFS	5.6	
Madagascar	2016	DHS	4.1	-0.09	Nigeria	2013	DHS	5.5	-0.19	Sri Lanka	1987	DHS	2.7	-0.25
Malawi	1992	DHS	6.7		Nigeria	2015	DHS	5.0	-0.28	Sudan	1978	WFS	7.0	
Malawi	2000	DHS	6.3	-0.05	Nigeria	2017	MICS	5.8	0.42	Sudan	1990	DHS	4.7	-0.19
Malawi	2004	DHS	6.0	-0.08	Pakistan	1975	WFS	7.1		Sudan	2010	MICS	5.7	0.05
Malawi	2006	MICS	6.4	0.19	Pakistan	1991	DHS	4.9	-0.14	Sudan	2014	MICS	5.2	-0.14
Malawi	2010	DHS	5.7	-0.18	Pakistan	2007	DHS	4.1	-0.05	Swaziland	2007	DHS	3.8	
Malawi	2012	DHS	5.3	-0.19	Pakistan	2013	DHS	3.8	-0.04	Swaziland	2010	MICS	3.7	-0.06
Malawi	2014	DHS	5.1	-0.14	Pakistan	2018	DHS	3.6	-0.05	Swaziland	2014	MICS	3.3	-0.09
Malawi	2014	MICS	5.0		Palestine	2010	MICS	6.7		Tajikistan	2012	DHS	3.8	
Malawi	2015	DHS	4.4	-0.57	Palestine	2014	MICS	4.1	-0.66	Tajikistan	2017	DHS	3.8	0.00
Malawi	2017	DHS	4.2	-0.12	Paraguay	1979	WFS	4.9		Tanzania	1992	DHS	6.2	
Maldives	2009	DHS	2.5		Paraguay	1990	DHS	4.7	-0.02	Tanzania	1996	DHS	5.8	-0.11
Maldives	2017	DHS	2.1	-0.05	Paraguay	2016	MICS	2.5	-0.08	Tanzania	1999	DHS	5.6	-0.09
Mali	1987	DHS	7.1		Peru	1977	WFS	8.1		Tanzania	2005	DHS	5.7	0.02
Mali	1996	DHS	6.7	-0.04	Peru	1986	DHS	4.1	-0.45	Tanzania	2008	DHS	5.6	-0.02
Mali	2001	DHS	6.8	0.01	Peru	1992	DHS	3.5	-0.10	Tanzania	2010	DHS	5.4	-0.09
Mali	2006	DHS	6.6	-0.04	Peru	1996	DHS	3.5	0.00	Tanzania	2012	DHS	5.4	-0.03
Mali	2013	DHS	6.1	-0.07	Peru	2000	DHS	2.8	-0.17	Tanzania	2015	DHS	5.2	-0.06
Mali	2015	DHS	6.3	0.11	Peru	2006	DHS	2.5	-0.05	Tanzania	2017	DHS	4.9	-0.16
Mali	2018	DHS	6.3	0.09	Peru	2009	DHS	2.6	0.03	Timor-Leste	2010	DHS	5.7	
Mauritania	1981	WFS	7.1		Peru	2010	DHS	2.5	-0.08	Timor-Leste	2016	DHS	4.2	-0.24
Mauritania	2011	MICS	5.0	-0.07	Peru	2011	DHS	2.6	0.06	Togo	1988	DHS	6.4	
Mauritania	2015	MICS	5.1	0.04	Peru	2012	DHS	2.6	-0.03	Togo	1998	DHS	5.2	-0.12
Mexico	1976	WFS	6.6		Philippines	1978	WFS	8.2		Togo	2014	DHS	4.8	-0.03
Mexico	1987	DHS	4.0	-0.23	Philippines	1993	DHS	4.1	-0.27	Togo	2017	DHS	4.4	-0.14
Moldova	2005	DHS	1.7		Philippines	1998	DHS	3.7	-0.07	Trinidad & T.	1977	WFS	3.1	
Moldova	2012	MICS	2.2	0.07	Philippines	2003	DHS	3.5	-0.04	Trinidad & T.	1987	DHS	3.1	-0.01
Mongolia	2016	MICS	3.1		Philippines	2008	DHS	3.3	-0.05	Tunisia	1988	DHS	4.2	
Mongolia	2018	MICS	3.5	0.19	Philippines	2013	DHS	3.0	-0.04	Tunisia	2012	MICS	2.1	-0.09
Morocco	1980	WFS	5.4		Philippines	2017	DHS	2.7	-0.09	Tunisia	2018	MICS	2.1	0.00
Morocco	1987	DHS	4.6	-0.11	Rwanda	1992	DHS	6.2		Turkey	1978	WFS	5.4	
Morocco	1992	DHS	4.0	-0.12	Rwanda	2000	DHS	5.8	-0.05	Turkey	1993	DHS	2.5	-0.19
Morocco	2004	DHS	2.5	-0.13	Rwanda	2005	DHS	6.1	0.05	Turkey	1998	DHS	2.6	0.02
Mozambique	1997	DHS	5.2		Rwanda	2008	DHS	5.5	-0.19	Turkey	2003	DHS	2.2	-0.08
Mozambique	2003	DHS	5.5	0.06	Rwanda	2010	DHS	4.6	-0.48	Uganda	1989	DHS	7.4	
Mozambique	2008	MICS	6.1	0.11	Rwanda	2013	DHS	4.2	-0.12	Uganda	1995	DHS	6.9	-0.09
Mozambique	2011	DHS	5.9	-0.06	Rwanda	2015	DHS	4.2	-0.02	Uganda	2001	DHS	6.9	0.00
Mozambique	2015	DHS	5.2	-0.18	Rwanda	2017	DHS	4.2	0.01	Uganda	2006	DHS	6.7	-0.04
Mozambique	2018	DHS	5.4	0.06	Sao Tome & P.	2009	DHS	4.9		Uganda	2009	DHS	6.3	-0.14
Namibia	1992	DHS	5.4		Sao Tome & P.	2016	MICS	4.4	-0.07	Uganda	2011	DHS	6.2	-0.03
Namibia	2000	DHS	4.2	-0.15	Senegal	1978	WFS	7.0		Uganda	2015	DHS	5.7	-0.11
Namibia	2007	DHS	3.6	-0.09	Senegal	1986	DHS	6.4	-0.07	Uganda	2016	DHS	5.4	-0.37
Namibia	2013	DHS	3.6	0.01	Senegal	1993	DHS	6.0	-0.05	Vietnam	1997	DHS	2.3	
Nepal	1976	WFS	6.5		Senegal	1997	DHS	5.7	-0.09	Vietnam	2002	DHS	1.9	-0.09
Nepal	1996	DHS	4.6	-0.09	Senegal	2005	DHS	5.3	-0.05	Yemen, Rep.	1979	WFS	9.3	
Nepal	2001	DHS	4.1	-0.11	Senegal	2006	DHS	4.9	-0.32	Yemen, Rep.	1992	DHS	7.7	-0.13
Nepal	2006	DHS	3.1	-0.19	Senegal	2009	DHS	4.9	-0.01	Yemen, Rep.	2006	MICS	6.9	-0.06
Nepal	2011	DHS	2.6	-0.11	Senegal	2011	DHS	5.0	0.03	Yemen, Rep.	2013	DHS	4.4	-0.35
Nepal	2014	MICS	2.3	-0.10	Senegal	2013	DHS	5.3	0.16	Zambia	1992	DHS	6.5	
Nepal	2016	DHS	2.3	0.03	Senegal	2014	DHS	5.0	-0.27	Zambia	1996	DHS	6.1	-0.10
Nicaragua	1998	DHS	3.6		Senegal	2015	DHS	4.9	-0.18	Zambia	2002	DHS	5.9	-0.03
Nicaragua	2001	DHS	3.2	-0.13	Senegal	2016	DHS	4.7	-0.18	Zambia	2007	DHS	6.2	0.06
Niger	1992	DHS	7.0		Senegal	2017	DHS	4.6	-0.06	Zambia	2014	DHS	5.3	-0.13

Note: Tables continues on next page.

Table S2. TFR and annual changes in fertility by country and survey year (continued)

Country	Year		TFR	Annualized change between two subsequent surveys	Country	Year		TFR	Annualized change between two subsequent surveys	Country	Year		TFR	Annualized change between two subsequent surveys
Zimbabwe	1988	DHS	5.4		Zimbabwe	2006	DHS	3.8	-0.02	Zimbabwe	2014	MICS	4.3	0.07
Zimbabwe	1994	DHS	4.3	-0.19	Zimbabwe	2009	MICS	3.7	-0.02	Zimbabwe	2015	DHS	4.0	-0.30
Zimbabwe	1999	DHS	4.0	-0.06	Zimbabwe	2011	DHS	4.1	0.19					

Source: DHS/MICS/WFS data; calculations by the authors.

Table S3. Classification of countries as transition or stall countries

Stall definition	TFR in one survey is at least as high as in the previous survey [1]		Stall if annual pace of fertility decline between two most recent surveys is less then 0.05.[2]		No significant increase in the pace of TFR reduction ($p<0.05$)[3]	
	Two most recent surveys		Two most recent surveys		Three most recent surveys	
Region	Transition	Stall	Transition	Stall	Transition	Stall
Africa	Burkina Faso	Benin	Burkina Faso	Benin	Burkina Faso	Benin
	Burundi	Egypt, Arab Rep.	Burundi	Egypt, Arab Rep.	Burundi	Cote d'Ivoire
	Cameroon	Guinea	Cameroon	Ghana	Cameroon	Egypt, Arab Rep.
	Comoros	Mauritania	Comoros	Guinea	Congo, Rep.	Guinea
	Congo, Rep.	Mozambique	Congo, Rep.	Lesotho	Ethiopia	Mauritania
	Cote d'Ivoire	Namibia	Cote d'Ivoire	Mali	Ghana	Mozambique
	Ethiopia	Nigeria	Ethiopia	Mauritania	Kenya	Namibia
	Gabon	Rwanda	Gabon	Mozambique	Lesotho	Nigeria
	Gambia		Gambia	Namibia	Liberia	Rwanda
	Ghana		Kenya	Nigeria	Madagascar	Swaziland
	Kenya		Liberia	Rwanda	Malawi	
	Lesotho		Madagascar		Mali	
	Liberia		Malawi		Morocco	
	Madagascar		Morocco		Senegal	
	Malawi		Sao Tome & P.		Sierra Leone	
	Mali		Senegal		Tanzania	
	Morocco		Sierra Leone		Togo	
	Sao Tome and P.		South Africa		Uganda	
	Senegal		Swaziland		Zambia	
	Sierra Leone		Tanzania		Zimbabwe	
	South Africa		Timor-Leste			
	Swaziland		Togo			
	Tanzania		Uganda			
	Timor-Leste		Zambia			
	Togo		Zimbabwe			
	Uganda					
	Zambia					
	Zimbabwe					
Asia	Bangladesh	Moldova	Cambodia	Bangladesh	Bangladesh	Nepal
	Cambodia	Mongolia	India	Moldova	Cambodia	Pakistan
	India	Nepal	Indonesia	Mongolia	India	
	Indonesia	Tajikistan	Iraq	Nepal	Indonesia	
	Iraq		Jordan	Tajikistan	Iraq	
	Jordan		Kazakhstan	Tunisia	Jordan	
	Kazakhstan		Kyrgyz Republic		Kyrgyz Republic	
	Kyrgyz Republic		Lao PDR		Philippines	
	Lao PDR		Maldives		Tunisia	
	Maldives		Pakistan		Turkey	
	Pakistan		Palestine		Yemen, Rep.	
	Palestine		Philippines			
	Philippines		Sri Lanka			
	Sri Lanka		Turkey			
	Tunisia		Yemen, Rep.			
	Turkey					
	Yemen, Rep.					
Latin America	Bolivia	Dominican Rep.	Bolivia	Dominican Republic	Bolivia	Colombia
	Brazil		Brazil	Peru	Guatemala	Dominican R.
	Colombia		Colombia		Guyana	Haiti
	Ecuador		Ecuador		Paraguay	Peru
	El Salvador		El Salvador			
	Guatemala		Guatemala			
	Guyana		Guyana			
	Haiti		Haiti			
	Honduras		Honduras			
	Mexico		Mexico			
	Nicaragua		Nicaragua			
	Paraguay		Paraguay			
	Peru		Trinidad & T.			
	Trinidad and Tobago					

Note: Definitions of stalls in fertility (stop in the fertility decline): 1) Countries are classified as stalling if the TFR in one survey is at least as high as in the previous survey (Schoumaker 2009). 2) Countries are classified as stalling if the annual fertility decline is less than 0.05 (New Security Beat 2013). 3) A statistically significant increase in the pace of TFR decline ($p<0.05$) (Bongaarts 2008). A change in the significance level leads only to minor changes in the list (Haiti, Lesotho, and Peru are not significant at $p<0.01$; Burkina Faso becomes significant at $p<0.1$). A country is classified as being in transition if the TFR is at least 10% lower than in the subsequent survey or 10% lower than the average number of children ever born (CEB) among women aged 40-49 in the first available DHS (Schoumaker 2009). Pre-transition countries: Angola, Chad, Congo, Dem. Rep, Niger, and Sudan. Post-transition countries: countries where fertility rates reached replacement level (<2): Albania, Armenia and Vietnam. *Source*: DHS/MICS/WFS data; calculations by the authors.

Table S4. Country classifications and list of stalling countries

Stall definition	Schoumaker (2009) classification of countries: TFR in one survey is at least as high as in the previous survey (two most recent surveys) - DHS before 2007 - only African countries		New Security Beat (2013) country classification: Stall if annual pace of fertility decline between the two most recent surveys is less than 0.05 - DHS before 2013 - only African countries		Bongaarts (2008) classification of countries: A statistically significant increase in the pace of TFR decline ($p<0.05$). DHS with at least three survey rounds before 2009.		Schoumaker (2019) county classification: no significant decline in TFR between two surveys (slight stall) or stagnation or increase in fertility between two surveys (stall) - only African countries	
Region	Transition	Stall	Transition	Stall	Transition	Stall	Transition	Stall
Africa	Burkina Faso	Benin	Ethiopia	Benin	Benin	Cameroon	Benin (1996–2001, 2006–2012)	Benin (2001-2006)
	Cote d'Ivoire	Cameroon	Ghana	Burkina Faso	Burkina Faso	(Chad)	Burkina Faso (1999–2003)	Burkina Faso (2003–2010)
	Eritrea	Ghana	Ghana	Cameroon	Madagascar	Côte d'Ivoire	Burundi (1987–2010, 2010–2017)	Cameroon (1998–2004, 2004–2011)
	Ethiopia	Guinea	Kenya	(Chad)	Malawi	Ethiopia	Cameroon (1991–1998)	(Chad) (2004–2015)
	Madagascar	Kenya	Madagascar	Guinea	Namibia	Ghana	Ethiopia (2005–2010)	Congo (2005–2011)
	Malawi	Mozambique	Malawi	Lesotho	Niger	(Guinea)	Ghana (1988–1993, 1993–1998)	Côte d'Ivoire (1994–1999, 1999–2012)
	Namibia	Nigeria	Namibia	Mali	Senegal	Kenya	Kenya (1989–1993, 1993–1998)	Ethiopia (2000–2005, 2011-2016)
	Senegal	Rwanda	Rwanda	Mozambique		Mali	Liberia (1986-2007, 2007-2013)	Gabon (2000–2012)
	Togo	Tanzania	Senegal	(Niger)		Mozambique	Madagascar (1997–2004, 2004–2009)	Ghana (1998–2003, 2008–2014)
	Zambia		Tanzania	Nigeria		Nigeria	Malawi (1992–2000, 2000–2004,	Kenya (1998–2003)
	Zimbabwe		Uganda	Zambia		Rwanda	2004–2010, 2010–2015)	Lesotho (2009–2014)
				Zimbabwe		Tanzania	Mali (2006–2013)	Madagascar (1992–1997)
	No change					Uganda	Namibia (1992–2000)	Mozambique (1997–2003, 2003–2011)
	(Chad)					Zambia	Nigeria (1990–2003, 2008–2013)	Namibia (2007–2013)
	Mali					Zimbabwe	Rwanda (1992–2000, 2008–2011)	(Niger) (1998–2006, 2006-2012)
	(Niger)						Senegal (1986–1993, 1993–1997,	Nigeria (2003–2008)
							1997–2005, 2005–2011)	Rwanda (2000–2005)
	Uganda						Tanzania (1992–1996, 2010–2015)	Senegal (2011–2013)
							Togo (1988–1998, 1998–2014)	Sierra Leone (2008–2013)
Asia					Bangladesh	Turkey	Uganda (1988–1995,	Tanzania (1996–1999, 2004–2010),
					Egypt		2006–2011, 2011–2016)	Tanzania (1999–2004)
					India		Zambia (1992–1996, 2007–2013)	Uganda (1995–2001, 2001–2006)
					Indonesia		Zimbabwe (1988–1994)	Zambia (1996–2002, 2002-2007)
					Jordan		Comoros (1996–2012)	Zimbabwe (1999–2005, 2011–2015)
					Morocco		Ghana (2003–2008)	Zimbabwe (2005–2011)
					Nepal		Kenya (2003–2009, 2009–2014)	
					Philippines		Lesotho (2004–2009),	
					Yemen		Namibia (2000–2007)	
					(Vietnam)		Rwanda (2011–2015)	
							Senegal (2013–2015)	
Latin					Bolivia	Guatemala	South Africa (1998–2016)	
America					Colombia		Zimbabwe (1994–1999)	**No transition**
					Dominican Rep.			(DR Congo) (2007–2013)
					Haiti			Guinea (1999–2005, 2005–2012)
					Nicaragua			Mali (1987–1996, 1996–2001, 2001–2006)
					Peru			(Niger) (1992–1998)

Source: Schoumaker (2019, 2009), Bongaarts (2008), New Security Beat (2013). The number of countries does to match to the sample we used in this study because since the publication of the cited studies many more DHS data sets have become available. Parentheses indicate pre- or post-transitional societies.

Table S5. Comparing countries across definitions of stalls and over time (three latest surveys and two consecutive periods)

	Definition: no decline between two surveys		Annual pace of fertility decline <0.05		No statistically significant increase in the pace of TFR decline	
	Transition (period t-2 to t-1)	Stall (period t-2 to t-1)	Transition (period t-2 to t-1)	Stall (period t-2 to t-1)	Transition (period t-2 to t-1)	Stall (period t-2 to t-1)
Transtiion (period t-1 to t0)	Bangladesh Bolivia Cambodia Colombia Ethiopia Guinea Haiti Kenya Madagascar Malawi Nepal Pakistan Philippines Rwanda Senegal Tanzania	Burkina Faso Cameroon Indonesia Jordan Mozambique Peru Turkey Zambia	Bolivia Cambodia Guinea Haiti Kenya Malawi Rwanda	Burkina Faso Jordan Madagascar Mozambique Philippines Turkey Zambia	Burkina Faso Jordan Kenya Madagascar Mozambique Philippines	Cameroon Indonesia Turkey Zambia
Stall (period t-1 to t0)	Benin Dominican R. Egypt, Arab Rep. Ghana	Zimbabwe	Bangladesh Dominican R. Ethiopia Nepal Tanzania	Benin Cameroon Colombia Egypt, Arab Rep. Ghana Indonesia Pakistan Peru Senegal Zimbabwe	Bangladesh Bolivia Cambodia Colombia Egypt, Arab Rep. Ethiopia Guinea Haiti Malawi Nepal Pakistan	Benin Dominican R. Ghana Peru Rwanda Senegal Tanzania Zimbabwe

Note: Only countries with at least four surveys are considered. We compare the three most recent consecutive time periods. See Table 1 for the list of countries and periods. For example, we compare changes in TFR in Benin between the periods 1998 to 2004 with the period 2001 to 2006 and the period 2001 to 2006 with 2006 to 2012. We compare three definitions of stalls: 1. Countries are classified as stalling if the TFR in one survey is at least as high as in the previous survey (Schoumaker 2009). 2. Countries are classified as stalling if the annual fertility decline is less than 0.05 (New Security Beat 2013). 3. Countries are classified as stalling if there is no significant deceleration ($p<0.05$) in the pace of fertility decline (Bongaarts 2008). Pre- and Post-Transition countries are excluded. *Source*: DHS/WFS data; calculations by the authors.

Table S6. Fertility regressions including women's education of age group 15 to 25

TFR	(1)	(2)	(3)	(4)	(5)
SSA (=1)		1.114			0.685
		(0.2251)			(0.2276)
Log GDP per capita	-0.791	-0.454		-0.248	-0.0890
	(0.0936)	(0.1122)		(0.0959)	(0.1022)
Under-5 mortality rate			0.0208	0.0144	0.0126
			(0.0012)	(0.0018)	(0.0018)
% of women (15-25) with secondary education				-1.133	-1.142
				(0.4024)	(0.4016)
Constant	10.75	7.458	2.769	5.770	4.278
	(0.7568)	(0.9771)	(0.1555)	(0.7523)	(0.8380)
Observations	345	345	345	341	341
R-squared	0.240	0.351	0.549	0.609	0.648
Period FE	No	No	No	No	No
Country FE	No	No	No	No	No

Note: Robust standard errors in parentheses. Standard errors are clustered at the country level. Child mortality (U5M) is measured as the mortality rate per 1,000 children under 5-year of age. Education (EDU) is measured as the percentage of women aged 15 to 25 with at least secondary education completed. Only countries are used for which at least two surveys are available. Pre-transition countries (Angola, Chad, Congo, Dem. Rep., Niger and Sudan) and post-transition countries (Albania, Armenia, and Vietnam) are excluded. Number of countries: 72. For a list of countries, see Table S2 (Online Appendix).
Source: DHS/MICS/WFS data; calculations by the authors.

Table S7. Fertility regressions including country and period fixed effects

TFR	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
SSA (=1)	2.408		2.373		2.169		2.759		2.482
	(0.0547)		(0.0587)		(0.0847)		(0.0865)		(0.1012)
Log GDP per capita		0.162	0.162					0.130	0.130
		(0.1051)	(0.1051)					(0.0943)	(0.0943)
Under-5 mortality rate				0.00796	0.00796			0.00860	0.00860
				(0.0024)	(0.0024)			(0.0021)	(0.0021)
% of women with secondary education						-3.344	-3.344	-3.445	-3.445
						(0.7011)	(0.7011)	(0.6625)	(0.6625)
Constant	4.909	3.708	3.708	3.717	3.717	5.042	5.042	2.797	2.797
	(0.1516)	(0.7896)	(0.7896)	(0.3876)	(0.3876)	(0.1572)	(0.1572)	(0.7148)	(0.7148)
Observations	345	345	345	345	345	345	345	345	345
R-squared	0.866	0.868	0.868	0.878	0.878	0.896	0.896	0.910	0.910
Period FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Country FE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Note: Robust standard errors in parentheses. Standard errors are clustered at the country level. Child mortality (U5M) is measured as the mortality rate per 1,000 children under 5-year of age. Education (EDU) is measured as the percentage of women aged 15 to 25 with at least secondary education completed. Only countries are used for which at least two surveys are available. Pre-transition countries (Angola, Chad, Congo, Dem. Rep., Niger and Sudan) and post-transition countries (Albania, Armenia, and Vietnam) are excluded. Number of countries: 72. For a list of countries, see Table S2 (Online Appendix).
Source: DHS/MICS/WFS data; calculations by the authors.

Table S8. Fertility regressions including interaction effects

TFR	(1)	(2)	(3)	(4)
SSA (=1)	2.551	1.403	1.370	2.361
	(0.5510)	(0.2675)	(0.3727)	(0.5733)
Log GDP per capita	-0.351			0.0531
	(0.1097)			(0.1136)
Log GDP per capita*SSA	-0.178			-0.0619
	(0.0723)			(0.0969)
Under-5 mortality rate		0.0225		0.0169
		(0.0029)		(0.0026)
Under-5 mortality rate*SSA		-0.00774		-0.00691
		(0.0030)		(0.0033)
% of women with secondary education			-2.758	-0.781
			(0.6122)	(0.5848)
Secondary educaiton*SSA			-1.191	-1.610
			(0.7317)	(0.8380)
Constant	6.584	2.252	4.933	2.494
	(0.9197)	(0.1898)	(0.3471)	(0.9734)
Observations	304	305	305	304
R-squared	0.392	0.647	0.571	0.694

Note: Robust standard errors in parentheses. Standard errors are clustered at the country level. Child mortality (U5M) is measured as the mortality rate per 1,000 children under 5-year of age. Education (EDU) is measured as the percentage of women aged 15 to 25 with at least secondary education completed. Only countries are used for which at least two surveys are available. Pre-transition countries (Angola, Chad, Congo, Dem. Rep., Niger and Sudan) and post-transition countries (Albania, Armenia, and Vietnam) are excluded. Number of countries: 72. For a list of countries, see Table S2 (Online Appendix).
Source: DHS/MICS/WFS data; calculations by the authors.

Table S9. Fertility regressions including lags

TFR	(1)	(2)	(3)	(4)	(5)	(6)
SSA (=1)		1.298		0.763		0.735
		(0.2122)		(0.2092)		(0.2214)
Log GDP per capita (lagged t-2)	-0.671	-0.306			-0.172	-0.0157
	(0.0871)	(0.1038)			(0.0831)	(0.1018)
Under-5 mortality rate (lagged t-2)			0.0196	0.0164	0.0127	0.0106
			(0.0013)	(0.0016)	(0.0018)	(0.0015)
% of women with secondary education					-1.679	-1.679
					(0.4368)	(0.4523)
Constant	9.649	6.108	2.739	2.592	5.298	3.873
	(0.7009)	(0.8717)	(0.1586)	(0.1482)	(0.6763)	(0.8243)
Observations	344	344	345	345	344	344
R-squared	0.186	0.348	0.541	0.600	0.600	0.646

Note: Robust standard errors in parentheses. Standard errors are clustered at the country level. Child mortality (U5M) is measured as the mortality rate per 1,000 children under 5-year of age. Education (EDU) is measured as the percentage of women aged 15 to 25 with at least secondary education completed. Only countries are used for which at least two surveys are available. Pre-transition countries (Angola, Chad, Congo, Dem. Rep., Niger and Sudan) and post-transition countries (Albania, Armenia, and Vietnam) are excluded. Number of countries: 72. For a list of countries, see Table S2 (Online Appendix).
Source: DHS/MICS/WFS data; calculations by the authors.

Table S10. Fertility residuals by country: regression of fertility on GDP per capita, under-5 mortality, and share of secondary education (all surveys)

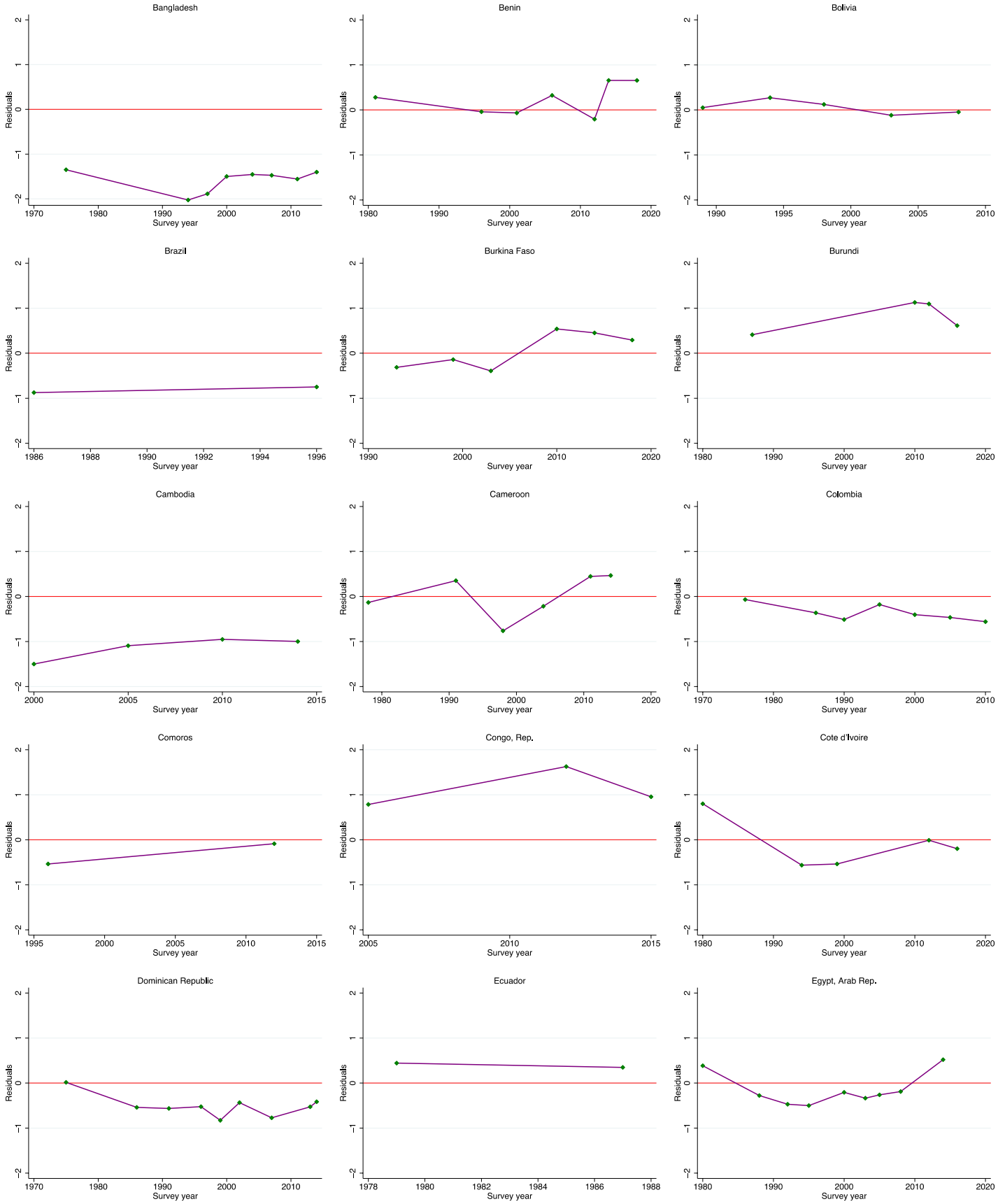
Country	Survey year	Residuals from Table 3	Country	Survey year	Residuals from Table 3	Country	Survey year	Residuals from Table 3	Country	Survey year	Residuals from Table 3
Sub-Sahara Africa											
Benin	1981	0.28	Ghana	2014	0.53	Mali	2015	0.61	Sierra Leone	2013	-0.51
Benin	1996	-0.04	Ghana	2016	0.43	Mali	2015	0.92	Sierra Leone	2016	-1.16
Benin	2001	-0.07	Guinea	1999	-0.81	Mali	2018	1.10	Sierra Leone	2017	-1.08
Benin	2006	0.32	Guinea	2005	-0.04	Mauritania	1981	0.97	South Africa	1998	-0.67
Benin	2012	-0.21	Guinea	2012	-0.22	Mauritania	2011	0.67	South Africa	2016	-0.19
Benin	2014	0.66	Guinea	2016	-0.51	Mauritania	2015	0.83	Swaziland	2007	-0.51
Benin	2018	0.66	Guinea	2018	-0.39	Mozambique	1997	-1.83	Swaziland	2010	-0.23
Burkina Faso	1993	-0.31	Kenya	1977	2.20	Mozambique	2003	-0.59	Swaziland	2014	-0.19
Burkina Faso	1999	-0.14	Kenya	1989	1.62	Mozambique	2008	0.59	Tanzania	1992	0.01
Burkina Faso	2003	-0.39	Kenya	1993	0.21	Mozambique	2011	0.71	Tanzania	1996	-0.28
Burkina Faso	2010	0.54	Kenya	1998	-0.37	Mozambique	2015	0.17	Tanzania	1999	-0.30
Burkina Faso	2014	0.45	Kenya	2003	0.14	Mozambique	2018	0.60	Tanzania	2005	0.51
Burkina Faso	2018	0.29	Kenya	2009	0.35	Namibia	1992	1.22	Tanzania	2008	-1.60
Burundi	1987	0.41	Kenya	2014	0.01	Namibia	2000	0.25	Tanzania	2010	0.74
Burundi	2010	1.13	Kenya	2015	-0.07	Namibia	2007	0.08	Tanzania	2012	-1.42
Burundi	2012	1.10	Lesotho	1977	0.72	Namibia	2013	0.50	Tanzania	2015	0.62
Burundi	2016	0.61	Lesotho	2004	-1.57	Nigeria	1990	-0.55	Tanzania	2017	0.38
Cameroon	1978	-0.13	Lesotho	2009	-1.34	Nigeria	2003	0.03	Timor-Leste	2010	1.71
Cameroon	1991	0.35	Lesotho	2014	-1.02	Nigeria	2008	0.62	Timor-Leste	2016	0.62
Cameroon	1998	-0.76	Liberia	1986	-0.55	Nigeria	2010	1.06	Togo	1988	0.51
Cameroon	2004	-0.22	Liberia	2007	-0.19	Nigeria	2013	0.67	Togo	1998	-0.35
Cameroon	2011	0.45	Liberia	2009	0.75	Nigeria	2015	0.02	Togo	2014	0.17
Cameroon	2014	0.47	Liberia	2011	0.02	Nigeria	2017	1.16	Togo	2017	-0.25
Comoros	1996	-0.54	Liberia	2013	-0.02	Rwanda	1992	-0.12	Uganda	1989	0.76
Comoros	2012	-0.09	Liberia	2016	-0.43	Rwanda	2000	-0.71	Uganda	1995	0.62
Congo, Rep.	2005	0.79	Madagascar	1992	0.41	Rwanda	2005	0.60	Uganda	2001	1.11
Congo, Rep.	2012	1.63	Madagascar	1997	0.59	Rwanda	2008	0.56	Uganda	2006	1.57
Congo, Rep.	2015	0.95	Madagascar	2004	0.40	Rwanda	2010	-0.10	Uganda	2009	1.50
Cote d'Ivoire	1980	0.80	Madagascar	2009	0.31	Rwanda	2013	-0.16	Uganda	2011	1.65
Cote d'Ivoire	1994	-0.56	Madagascar	2011	0.72	Rwanda	2015	-0.04	Uganda	2015	1.49
Cote d'Ivoire	1999	-0.54	Madagascar	2013	-0.03	Rwanda	2017	-0.07	Uganda	2016	1.01
Cote d'Ivoire	2012	-0.01	Madagascar	2016	-0.40	Sao Tome & P.	2009	0.92	Zambia	1992	0.25
Cote d'Ivoire	2016	-0.20	Malawi	1992	-0.49	Sao Tome & P.	2016	0.68	Zambia	1996	0.04
Ethiopia	2000	-0.52	Malawi	2000	-0.03	Senegal	1978	-0.12	Zambia	2002	0.40
Ethiopia	2005	-0.10	Malawi	2004	0.47	Senegal	1986	0.27	Zambia	2007	1.47
Ethiopia	2011	-0.17	Malawi	2006	1.07	Senegal	1993	0.26	Zambia	2014	1.18
Ethiopia	2016	-0.24	Malawi	2010	0.72	Senegal	1997	-0.09	Zimbabwe	1988	0.79
Gabon	2000	0.40	Malawi	2012	0.54	Senegal	2005	0.24	Zimbabwe	1994	-0.47
Gabon	2012	0.90	Malawi	2014	0.42	Senegal	2006	0.02	Zimbabwe	1999	-0.73
Gambia	2013	1.27	Malawi	2014	0.48	Senegal	2009	0.27	Zimbabwe	2006	-0.77
Gambia	2018	0.04	Malawi	2015	-0.22	Senegal	2011	0.49	Zimbabwe	2009	-0.58
Ghana	1988	0.61	Malawi	2017	-0.42	Senegal	2013	0.94	Zimbabwe	2011	0.05
Ghana	1993	-0.29	Mali	1987	-0.44	Senegal	2014	0.76	Zimbabwe	2014	0.63
Ghana	1998	-0.19	Mali	1996	-0.18	Senegal	2015	0.56	Zimbabwe	2015	0.33
Ghana	2003	0.07	Mali	2001	0.31	Senegal	2016	0.45			
Ghana	2008	-0.03	Mali	2006	0.58	Senegal	2017	0.45			
Ghana	2011	0.45	Mali	2013	0.66	Sierra Leone	2008	-1.12			

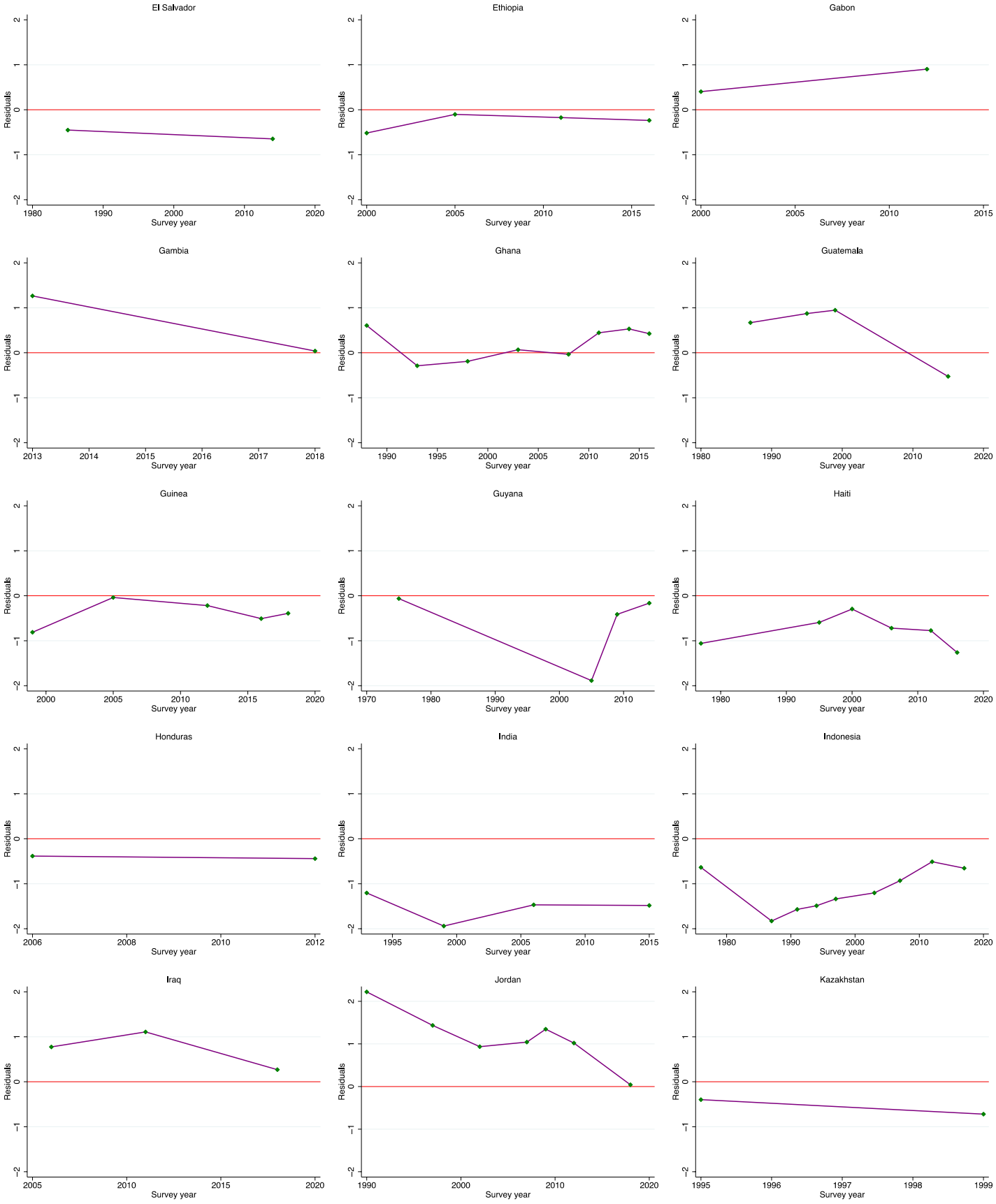
Table continues on next page.

Country	Survey year	Residuals from Table 3	Country	Survey year	Residuals from Table 3	Country	Survey year	Residuals from Table 3	Country	Survey year	Residuals from Table 3
Non-Sub-Sahara Africa								Non-Sub-Sahara Africa			
Bangladesh	1975	-1.35	Guatemala	1995	0.87	Mexico	1987	0.32	Tunisia	1988	-0.21
Bangladesh	1994	-2.03	Guatemala	1999	0.95	Moldova	2005	-0.89	Tunisia	2012	-0.84
Bangladesh	1997	-1.89	Guatemala	2015	-0.52	Moldova	2012	-1.00	Tunisia	2018	-0.87
Bangladesh	2000	-1.50	Guyana	1975	-0.06	Mongolia	2016	0.38	Turkey	1978	-0.16
Bangladesh	2004	-1.45	Guyana	2005	-1.89	Mongolia	2018	0.80	Turkey	1993	-1.67
Bangladesh	2007	-1.47	Guyana	2009	-0.41	Morocco	1980	-0.29	Turkey	1998	-1.11
Bangladesh	2011	-1.56	Guyana	2014	-0.16	Morocco	1987	-0.34	Turkey	2003	-1.33
Bangladesh	2014	-1.40	Haiti	1977	-1.06	Morocco	1992	-0.46	Yemen, Rep.	1979	2.26
Bolivia	1989	0.05	Haiti	1995	-0.59	Morocco	2004	-1.37	Yemen, Rep.	1992	2.15
Bolivia	1994	0.27	Haiti	2000	-0.29	Nepal	1976	-0.89	Yemen, Rep.	2006	2.27
Bolivia	1998	0.12	Haiti	2006	-0.72	Nepal	1996	-0.65	Yemen, Rep.	2013	0.51
Bolivia	2003	-0.12	Haiti	2012	-0.77	Nepal	2001	-0.74			
Bolivia	2008	-0.05	Haiti	2016	-1.26	Nepal	2006	-1.19			
Brazil	1986	-0.87	Honduras	2006	-0.38	Nepal	2011	-1.29			
Brazil	1996	-0.75	Honduras	2012	-0.44	Nepal	2014	-1.40			
Cambodia	2000	-1.50	India	1993	-1.20	Nepal	2016	-1.52			
Cambodia	2005	-1.09	India	1999	-1.94	Nicaragua	1998	-0.21			
Cambodia	2010	-0.95	India	2006	-1.47	Nicaragua	2001	-0.38			
Cambodia	2014	-1.00	India	2015	-1.48	Pakistan	1975	0.70			
Colombia	1976	-0.07	Indonesia	1976	-0.64	Pakistan	1991	-0.68			
Colombia	1986	-0.36	Indonesia	1987	-1.83	Pakistan	2007	-0.72			
Colombia	1990	-0.51	Indonesia	1991	-1.57	Pakistan	2013	-0.66			
Colombia	1995	-0.18	Indonesia	1994	-1.49	Pakistan	2018	-0.94			
Colombia	2000	-0.40	Indonesia	1997	-1.34	Paraguay	1979	0.45			
Colombia	2005	-0.46	Indonesia	2003	-1.20	Paraguay	1990	0.88			
Colombia	2010	-0.56	Indonesia	2007	-0.93	Paraguay	2016	-0.38			
Dominican R.	1975	0.02	Indonesia	2012	-0.51	Peru	1977	2.78			
Dominican R.	1986	-0.54	Indonesia	2017	-0.65	Peru	1986	-0.22			
Dominican R.	1991	-0.56	Iraq	2006	0.78	Peru	1992	-0.23			
Dominican R.	1996	-0.52	Iraq	2011	1.11	Peru	1996	0.04			
Dominican R.	1999	-0.83	Iraq	2018	0.27	Peru	2000	-0.40			
Dominican R.	2002	-0.43	Jordan	1990	2.22	Peru	2006	-0.40			
Dominican R.	2007	-0.77	Jordan	1997	1.43	Peru	2009	-0.20			
Dominican R.	2013	-0.53	Jordan	2002	0.93	Peru	2010	-0.25			
Dominican R.	2014	-0.41	Jordan	2007	1.04	Peru	2011	-0.15			
Ecuador	1979	0.44	Jordan	2009	1.35	Peru	2012	-0.16			
Ecuador	1987	0.35	Jordan	2012	1.02	Philippines	1978	3.80			
Egypt	1980	0.39	Jordan	2018	0.04	Philippines	1993	0.62			
Egypt	1988	-0.28	Kazakhstan	1995	-0.40	Philippines	1998	0.48			
Egypt	1992	-0.47	Kazakhstan	1999	-0.72	Philippines	2003	0.41			
Egypt	1995	-0.50	Kyrgyz R.	1997	0.19	Philippines	2008	0.27			
Egypt	2000	-0.21	Kyrgyz R.	2012	0.98	Philippines	2013	0.16			
Egypt	2003	-0.34	Kyrgyz R.	2014	1.22	Philippines	2017	-0.30			
Egypt	2005	-0.26	Kyrgyz R.	2018	0.98	Sri Lanka	1975	1.18			
Egypt	2008	-0.19	Lao PDR	2012	-0.92	Sri Lanka	1987	-0.61			
Egypt	2014	0.52	Lao PDR	2017	-1.26	Tajikistan	2012	0.77			
El Salvador	1985	-0.45	Maldives	2009	-0.57	Tajikistan	2017	0.62			
El Salvador	2014	-0.65	Maldives	2017	-0.53	Trinidad & T.	1977	-0.62			
Guatemala	1987	0.67	Mexico	1976	1.92	Trinidad & T.	1987	-0.13			

Note: The residuals are based on the regression results shown in Table 3 (column 8). Pre-transition countries (Angola, Chad, DRC., Niger and Sudan) and post-transition countries (Albania, Armenia, and Vietnam) are excluded.
Source: DHS/MICS/WFS data; calculations by the authors.

Figure S1. Residuals by country and survey year of regression of GDP per capita, under-5 mortality and share of secondary education (The residuals are based on the regression results shown in Table 3, column 8

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Gabon
Gambia
Ghana
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Guinea
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Haiti
Honduras
India
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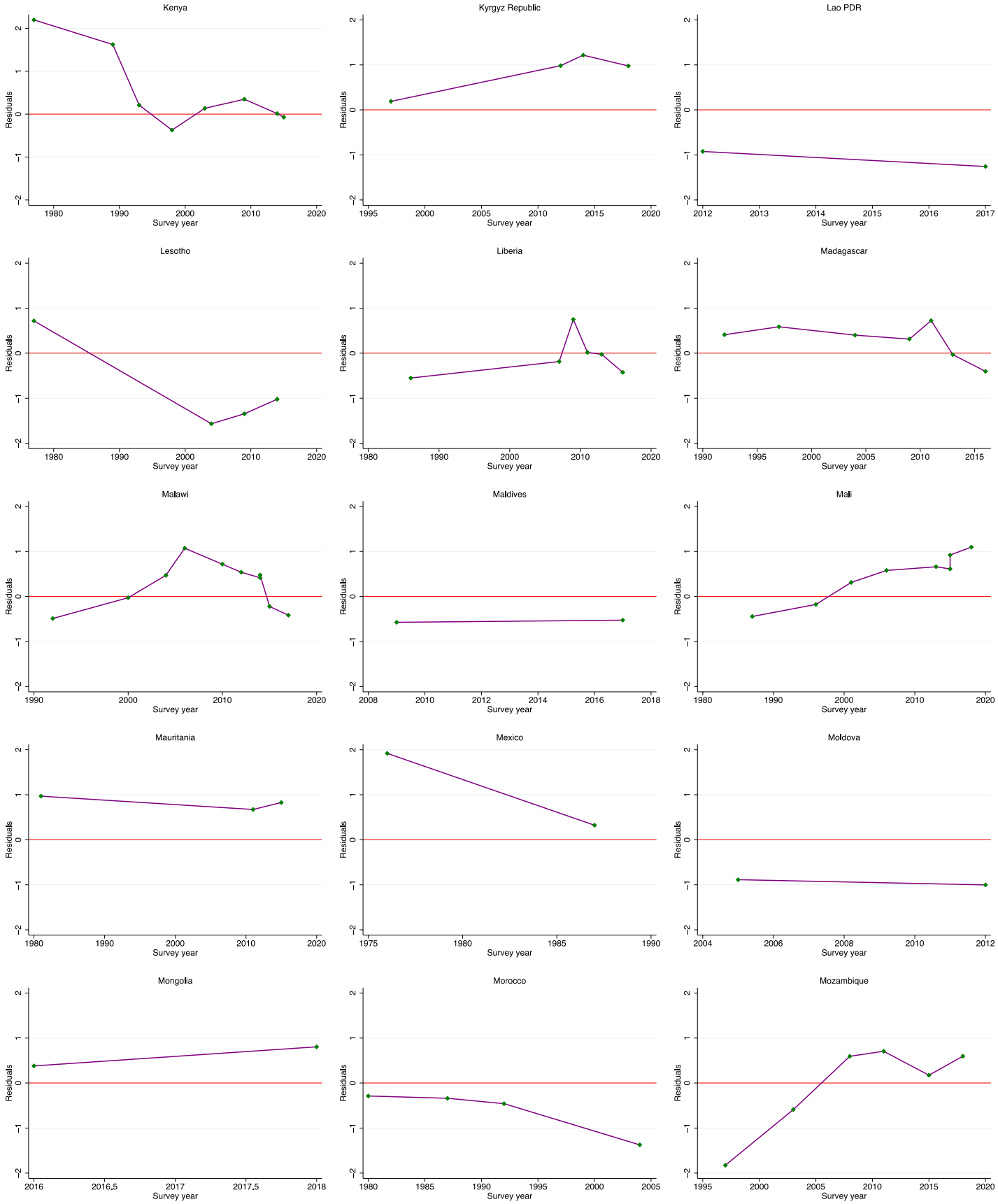
Iraq
Jordan
Kazakhstan
Residuals
Survey year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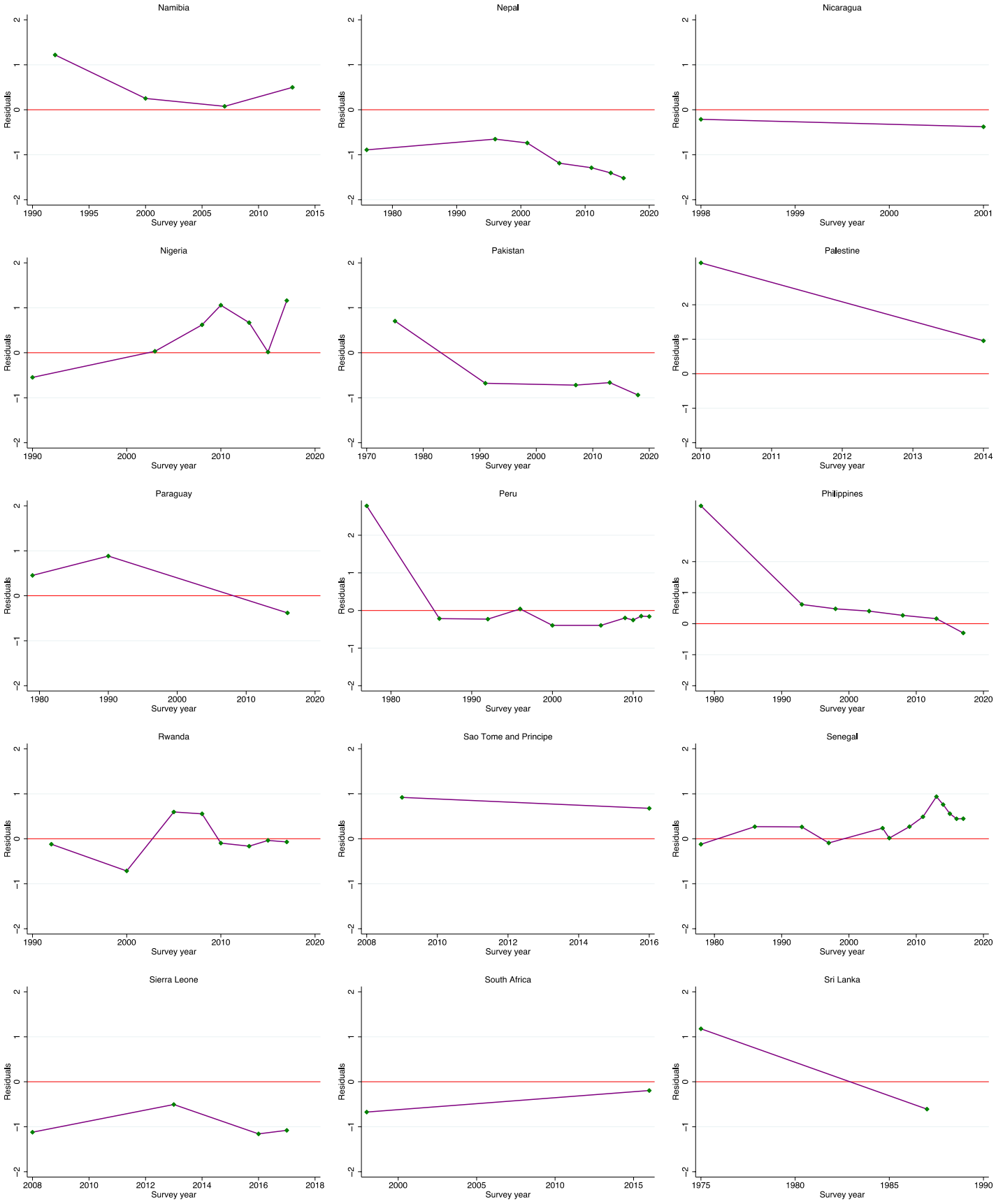
Morocco
Mozambique
Residuals
Survey year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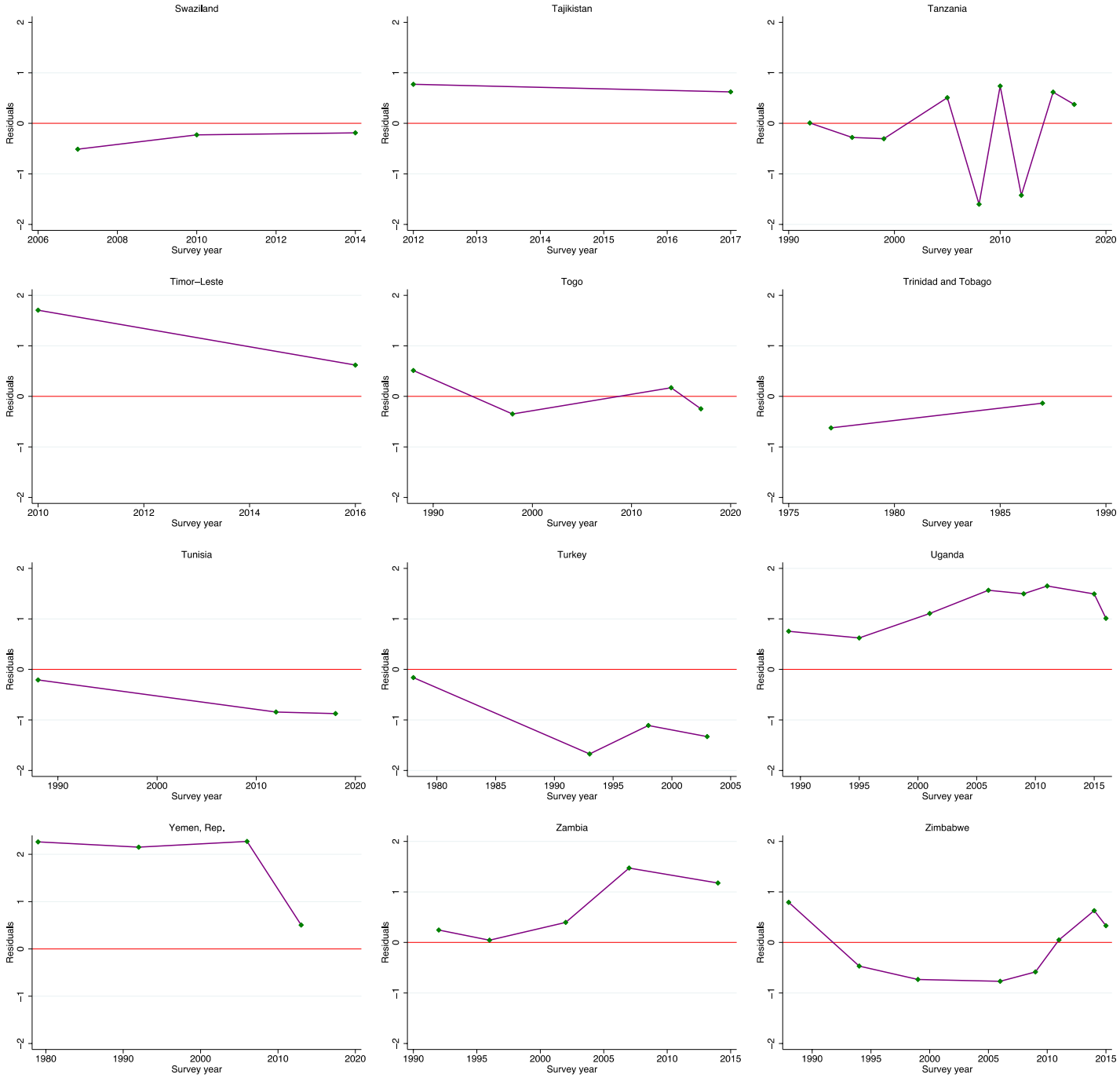
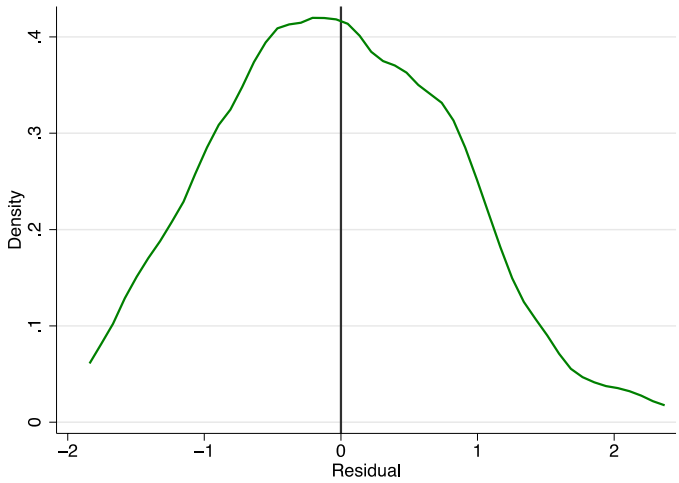
South Africa
Sri Lanka
Residuals
Survey year



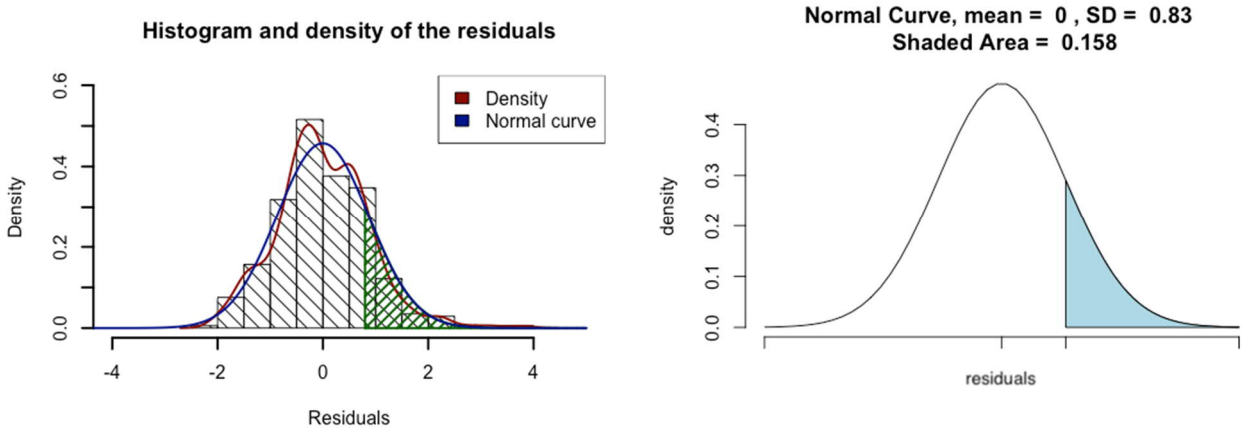
Note: See Table S2 for a complete list of countries and survey years. *Source*: DHS/MICS/WFS data; calculations by the authors.

Figure S2. Distribution of Residuals



Note: The residuals are based on the regression results shown in Table 4, column 8. See Table S1 for a complete list of countries and survey years. *Source*: DHS/MICS/WFS data; calculations by the authors.

Figure S3. Probability Distribution of Residuals



Note: The residuals are based a Bayesian Regression Model using the set-up of the regression results shown in Table 4, column 8. The model to obtain the probability distribution of the residuals is based on the following regression equation: TFR=5.45+log GDP per capita * (-0.20) + Secondary Schooling*(-1.51) + U5M*0.15. The shaded area (left graph: green, right graph: blue) shows the probability of a residual greater than one standard deviation (0.87) measured in TFR. This means that the probability of experiencing a stall is around 16%.

See Table S1 for a complete list of countries and survey years. *Source*: DHS/MICS/WFS data; calculations by the authors.