

Contraceptive Use and Fertility Transitions:
The Distinctive Experience of Sub-Saharan Africa
B – SUPPLEMENTARY TABLES

Aisha N. Z. Dasgupta¹, Mark C. Wheldon¹, Vladimíra Kantorová^{*1}, and Philipp Ueffing¹

¹United Nations, Department of Economic and Social Affairs, Population Division, New York, NY, United States of America[†]

10th March 2021

^{*}Corresponding author. Vladimíra Kantorová, Population Division, Department of Economic and Social Affairs, United Nations, kantorova@un.org

[†]The views and opinions expressed in this paper are those of the authors and do not necessarily represent those of the United Nations. This paper has not been formally edited and cleared by the United Nations.

Contents

B 1 Methods	1
B 1.1 Country Classifications	1
B 2 Supplementary Results	6
B 2.1 Fertility Transition Model Parameter Estimates	6
B 2.2 Contraceptive Transition Model Parameter Estimates	11

List of Tables

B1 Country and region classifications.	1
B2 Fertility transition model parameter summaries.	6
B3 Contraceptive transition model parameter summaries.	11

B 1 Methods

B 1.1 Country Classifications

Table B1. Country and region classifications. Sub-Saharan Africa consists of all countries in Africa except those in Northern Africa. “ Y_c Estimated” indicates countries for which an estimate of Y_c was available (“•”) or not available (“◦”). “ U_c ” indicates the type of estimate available for U_c : “P” = probabilistic, “D” = deterministic, blank = not estimated. “ Ω_c Estimated” indicates countries for which an estimate of Ω_c was available (“•”) or not available (“◦”). These indicators are included only for countries in Africa, Asia and Latin America and the Caribbean and for which model results were available. “Lat. Am. & Caribb.” is Latin America and the Caribbean.

Region	Subregion	Name	ISO Code	Y_c Estimated	U_c	Ω_c Estimated
Africa	Eastern Africa	Burundi	108	•	D	•
		Comoros	174	•	D	•
		Djibouti	262	•	D	•
		Eritrea	232	•	D	•
		Ethiopia	231	•	D	•
		Kenya	404	•	D	•
		Madagascar	450	•	D	•
		Malawi	454	•	D	•
		Mauritius	480	•	D	◦
		Mozambique	508	•	D	•
		Reunion	638	•	D	◦
		Rwanda	646	•	D	•
		Somalia	706	•	D	•
		South Sudan	728	•	D	•
		Uganda	800	•	D	•
		United Republic of Tanzania	834	•	D	•
		Zambia	894	•	D	•
		Zimbabwe	716	•	D	•
		Middle Africa	Angola	24	•	D
	Cameroon		120	•	D	•
	Central African Republic		140	•	D	•
	Chad		148	•	D	•
	Congo		178	•	D	•
	Democratic Republic of the Congo		180	•	D	•
	Equatorial Guinea		226	•	D	•
	Gabon		266	•	D	•

Table B1. Country and region classifications (cont'd).

Region	Subregion	Name	ISO Code	Y_c Estimated	U_c	Ω_c Estimated
		Sao Tome and Principe	678	•	D	•
	Northern Africa	Algeria	12	•	D	•
		Egypt	818	•	D	•
		Libya	434	•	D	•
		Morocco	504	•	D	•
		Sudan	729	•	D	•
		Tunisia	788	•	D	•
	Southern Africa	Botswana	72	•	D	•
		Eswatini	748	•	D	•
		Lesotho	426	•	D	•
		Namibia	516	•	D	•
		South Africa	710	•	D	•
	Western Africa	Benin	204	•	D	•
		Burkina Faso	854	•	D	•
		Cabo Verde	132	•	D	•
		Cote d'Ivoire	384	•	D	•
		Gambia	270	•	D	•
		Ghana	288	•	D	•
		Guinea	324	•	D	•
		Guinea-Bissau	624	•	D	•
		Liberia	430	•	D	•
		Mali	466	•	D	•
		Mauritania	478	•	D	•
		Niger	562	•	D	•
		Nigeria	566	•	D	•
		Senegal	686	•	D	•
		Sierra Leone	694	•	D	•
		Togo	768	•	D	•
Asia		Central Asia	Kazakhstan	398	◦	P
	Kyrgyzstan		417	•	D	◦
	Tajikistan		762	•	D	•
	Turkmenistan		795	•	D	◦

Table B1. Country and region classifications (cont'd).

Region	Subregion	Name	ISO Code	Y_c Estimated	U_c	Ω_c Estimated
		Uzbekistan	860	•	D	•
	Eastern Asia	China	156	•	D	◦
		China, Hong Kong SAR	344	•	D	◦
		China, Taiwan Province of China	158	•	D	◦
		Dem. People's Republic of Korea	408	•	D	◦
		Japan	392	◦	P	◦
		Mongolia	496	•	D	◦
		Republic of Korea	410	•	D	◦
	South-Eastern Asia	Cambodia	116	•	D	•
		Indonesia	360	•	D	•
		Lao People's Democratic Republic	418	•	D	•
		Malaysia	458	•	D	•
		Myanmar	104	•	D	•
		Philippines	608	•	D	•
		Singapore	702	•	D	◦
		Thailand	764	•	D	◦
		Timor-Leste	626	•	D	•
		Viet Nam	704	•	D	•
	Southern Asia	Afghanistan	4	•	D	•
		Bangladesh	50	•	D	•
		Bhutan	64	•	D	•
		India	356	•	D	•
		Iran (Islamic Republic of)	364	•	D	•
		Maldives	462	•	D	•
		Nepal	524	•	D	•
		Pakistan	586	•	D	•
		Sri Lanka	144	•	D	◦
	Western Asia	Armenia	51	◦	P	•
		Azerbaijan	31	•	D	•
		Bahrain	48	•	D	•
		Georgia	268	◦	P	•
		Iraq	368	•	D	•

Table B1. Country and region classifications (cont'd).

Region	Subregion	Name	ISO Code	Y_c Estimated	U_c	Ω_c Estimated
		Israel	376	◦	P	◦
		Jordan	400	•	D	•
		Kuwait	414	•	D	•
		Lebanon	422	•	D	◦
		Oman	512	•	D	•
		Qatar	634	•	D	•
		Saudi Arabia	682	•	D	•
		State of Palestine	275	•	D	•
		Syrian Arab Republic	760	•	D	•
		Turkey	792	•	D	•
		United Arab Emirates	784	•	D	•
		Yemen	887	•	D	•
Lat. Am. & Caribb.	Caribbean	Anguilla	660			•
		Antigua and Barbuda	28	◦	P	•
		Bahamas	44	◦	P	◦
		Barbados	52	◦	P	•
		Cuba	192	◦	P	◦
		Dominica	212			•
		Dominican Republic	214	•	D	•
		Grenada	308	•	D	•
		Guadeloupe	312	•	D	•
		Haiti	332	•	D	•
		Jamaica	388	•	D	•
		Martinique	474	•	D	•
		Montserrat	500			•
		Puerto Rico	630	◦	P	◦
		Saint Kitts and Nevis	659			•
		Saint Lucia	662	•	D	•
		Saint Vincent and the Grenadines	670	•	D	◦
		Trinidad and Tobago	780	•	D	•
		United States Virgin Islands	850	•	D	◦
	Central America	Belize	84	•	D	•
		Costa Rica	188	•	D	◦

Table B1. Country and region classifications (cont'd).

Region	Subregion	Name	ISO Code	Y_c Estimated	U_c	Ω_c Estimated
		El Salvador	222	•	D	•
		Guatemala	320	•	D	•
		Honduras	340	•	D	•
		Mexico	484	•	D	•
		Nicaragua	558	•	D	•
		Panama	591	•	D	◦
	South America	Argentina	32	◦	P	◦
		Bolivia (Plurinational State of)	68	•	D	•
		Brazil	76	•	D	◦
		Chile	152	◦	P	◦
		Colombia	170	•	D	•
		Ecuador	218	•	D	•
		Guyana	328	•	D	•
		Paraguay	600	•	D	•
		Peru	604	•	D	•
		Suriname	740	•	D	•
		Uruguay	858	◦	P	◦
		Venezuela (Bolivarian Republic of)	862	•	D	•

B 2 Supplementary Results

B 2.1 Fertility Transition Model Parameter Estimates: Medians and Uncertainty Intervals

Table B2. Posterior medians and 80 percent uncertainty intervals (lower, upper) of the fertility transition model parameters d_c , Y_c , and U_c and estimated TFR in the five-year periods 1988–1993 and 2018–2023. Estimates of Y_c are not available for countries that entered Phase II of their fertility transitions before the period 1950–1954. U_c is not estimated probabilistically for countries that entered Phase II of their fertility transitions between 1950 and 2014.

Subregion	Country	d_c	Y_c	U_c	TFR 1988–1993	TFR 2018–2023
Eastern Africa	Burundi	0.09 (0.071, 0.12)	2009 (1998, 2020)	7.46	7.46	5.45
	Comoros	0.105 (0.082, 0.131)	1990 (1986, 1997)	7.05	6.70	4.24
	Djibouti	0.147 (0.113, 0.187)	1996 (1993, 1998)	6.84	6.18	2.76
	Eritrea	0.109 (0.085, 0.137)	1994 (1990, 2000)	6.7	6.60	4.10
	Ethiopia	0.131 (0.103, 0.164)	2004 (1999, 2010)	7.42	7.37	4.30
	Kenya	0.124 (0.102, 0.151)	1985 (1979, 1992)	8.11	6.54	3.52
	Madagascar	0.083 (0.069, 0.102)	1984 (1976, 2002)	7.3	6.25	4.11
	Malawi	0.111 (0.09, 0.134)	1991 (1986, 2009)	7.6	7.25	4.25
	Mauritius	0.212 (0.145, 0.292)	1966 (1964, 1968)	6.2	2.31	1.39
	Mayotte	0.179 (0.15, 0.209)	1983 (1980, 1987)	7.91	6.73	3.73
	Mozambique	0.076 (0.061, 0.113)	2014 (1989, 2029)	6.71	6.30	4.89
	Reunion	0.233 (0.165, 0.298)	1968 (1966, 1969)	6.93	2.71	2.27
	Rwanda	0.215 (0.183, 0.245)	1985 (1984, 1988)	8.43	7.80	4.10
	Seychelles	0.175 (0.127, 0.233)	1974 (1971, 1977)	5.92	2.94	2.46
	Somalia	0.101 (0.08, 0.128)	2011 (2004, 2023)	7.7	7.26	6.12
	South Sudan	0.093 (0.073, 0.118)	2004 (1996, 2015)	6.83	6.83	4.74
	Uganda	0.13 (0.096, 0.171)	2013 (2007, 2019)	7.12	7.10	5.01
	United Republic of Tanzania	0.071 (0.06, 0.089)	1993 (1983, 2020)	6.8	6.36	4.92
	Zambia	0.078 (0.065, 0.095)	1987 (1979, 2010)	7.4	6.60	4.66
	Zimbabwe	0.203 (0.172, 0.233)	1979 (1978, 1981)	7.4	5.37	3.63
Middle Africa	Angola	0.078 (0.064, 0.098)	2000 (1991, 2020)	7.5	7.40	5.55
	Cameroon	0.085 (0.069, 0.106)	1993 (1988, 2006)	6.7	6.60	4.60
	Central African Republic	0.083 (0.063, 0.128)	2021 (2003, 2031)	5.95	5.90	4.75
	Chad	0.108 (0.084, 0.137)	2010 (2004, 2020)	7.41	7.21	5.80
	Congo	0.077 (0.064, 0.096)	1980 (1978, 1985)	6.3	5.30	4.45
	Democratic Republic of the Congo	0.104 (0.073, 0.167)	2020 (2013, 2029)	6.77	6.71	5.96
	Equatorial Guinea	0.092 (0.071, 0.124)	2010 (2001, 2020)	5.98	5.98	4.55

Table B2. Posterior medians and 80 percent uncertainty intervals (lower, upper) of the fertility transition model parameters (cont'd).

Subregion	Country	d_c	Y_c	U_c	TFR 1988–1993	TFR 2018–2023	
Northern Africa	Gabon	0.083 (0.066, 0.106)	1992 (1987, 1998)	5.72	5.58	4.00	
	Sao Tome and Principe	0.077 (0.064, 0.095)	1987 (1980, 2003)	6.52	5.96	4.35	
	Algeria	0.203 (0.177, 0.234)	1985 (1983, 1987)	7.65	5.30	3.05	
	Egypt	0.099 (0.078, 0.125)	1975 (1968, 1985)	6.75	5.00	3.33	
	Libya	0.225 (0.2, 0.255)	1985 (1983, 1987)	8.1	5.71	2.25	
	Morocco	0.143 (0.115, 0.177)	1982 (1975, 1985)	7.1	4.43	2.42	
	Sudan	0.081 (0.066, 0.1)	1989 (1981, 2004)	6.92	6.30	4.43	
	Tunisia	0.169 (0.141, 0.2)	1981 (1978, 1983)	6.99	4.00	2.20	
Southern Africa	Western Sahara	0.171 (0.137, 0.209)	1980 (1976, 1984)	6.6	4.60	2.41	
	Botswana	0.166 (0.129, 0.207)	1984 (1981, 1986)	6.7	4.90	2.89	
	Eswatini	0.173 (0.138, 0.209)	1984 (1983, 1986)	6.87	5.49	3.03	
	Lesotho	0.094 (0.072, 0.121)	1985 (1981, 1990)	5.86	4.98	3.16	
	Namibia	0.126 (0.097, 0.157)	1985 (1982, 1988)	6.6	5.55	3.42	
Western Africa	South Africa	0.107 (0.083, 0.138)	1983 (1971, 1988)	6.05	4.40	2.41	
	Benin	0.084 (0.069, 0.104)	1995 (1989, 2010)	7.01	6.88	4.87	
	Burkina Faso	0.087 (0.069, 0.116)	2010 (1999, 2021)	7.17	7.07	5.23	
	Cabo Verde	0.141 (0.114, 0.18)	1991 (1985, 1994)	6.97	5.63	2.29	
	Cote d'Ivoire	0.1 (0.082, 0.12)	1981 (1978, 1991)	7.93	6.85	4.68	
	Gambia	0.082 (0.062, 0.13)	2026 (2005, 2039)	6.4	6.15	5.25	
	Ghana	0.092 (0.074, 0.115)	1984 (1977, 1991)	6.95	5.88	3.89	
	Guinea	0.088 (0.07, 0.112)	2004 (1995, 2016)	6.63	6.63	4.74	
	Guinea-Bissau	0.095 (0.075, 0.118)	1997 (1992, 2008)	6.7	6.68	4.51	
	Liberia	0.091 (0.074, 0.113)	1994 (1987, 2008)	6.96	6.72	4.35	
	Mali	0.096 (0.069, 0.151)	2020 (2011, 2030)	7.15	7.15	5.92	
	Mauritania	0.073 (0.062, 0.089)	1985 (1977, 2005)	6.79	6.05	4.58	
	Niger	0.101 (0.071, 0.154)	2026 (2017, 2037)	7.9	7.80	6.95	
	Nigeria	0.076 (0.061, 0.123)	2018 (1990, 2035)	6.76	6.60	5.42	
	Senegal	0.093 (0.073, 0.116)	1988 (1985, 1997)	7.25	6.70	4.65	
	Sierra Leone	0.12 (0.093, 0.152)	2007 (2000, 2013)	6.72	6.72	4.32	
	Togo	0.102 (0.081, 0.126)	1985 (1982, 1992)	7.28	6.50	4.35	
	Central Asia	Kazakhstan	0.096 (0.07, 0.143)		7.27 (5.9, 8.5)	3.03	2.76
		Kyrgyzstan	0.09 (0.07, 0.117)	1975 (1966, 1980)	5.55	4.06	3.00

Table B2. Posterior medians and 80 percent uncertainty intervals (lower, upper) of the fertility transition model parameters (cont'd).

Subregion	Country	d_c	Y_c	U_c	TFR 1988–1993	TFR 2018–2023
Eastern Asia	Tajikistan	0.108 (0.084, 0.136)	1974 (1972, 1977)	7	5.50	3.61
	Turkmenistan	0.129 (0.101, 0.162)	1977 (1971, 1981)	6.8	4.55	2.79
	Uzbekistan	0.127 (0.1, 0.16)	1980 (1974, 1984)	6.5	4.40	2.43
	China	0.302 (0.228, 0.371)	1972 (1970, 1973)	6.3	2.73	1.69
	China, Hong Kong SAR	0.182 (0.122, 0.263)	1967 (1964, 1970)	5.05	1.36	1.33
	China, Macao SAR	0.135 (0.095, 0.189)		6.75 (5.7, 8.3)	2.00	1.20
	China, Taiwan Province of China	0.193 (0.147, 0.248)	1964 (1959, 1967)	6.72	1.77	1.15
	Dem. People's Republic of Korea	0.104 (0.074, 0.149)	1960 (1959, 1969)	5.12	2.36	1.91
	Japan	0.155 (0.092, 0.253)		6.94 (5.76, 8.39)	1.65	1.37
	Mongolia	0.211 (0.183, 0.246)	1984 (1982, 1986)	7.5	4.84	2.90
South-Eastern Asia	Republic of Korea	0.174 (0.136, 0.225)	1969 (1965, 1972)	6.33	1.57	1.11
	Brunei Darussalam	0.154 (0.114, 0.199)	1968 (1963, 1975)	6.9	3.47	1.85
	Cambodia	0.096 (0.077, 0.12)	1984 (1969, 1994)	6.95	5.99	2.52
	Indonesia	0.129 (0.097, 0.168)	1977 (1973, 1981)	5.67	3.40	2.32
	Lao People's Democratic Republic	0.2 (0.16, 0.242)	1994 (1991, 1996)	6.36	6.27	2.70
	Malaysia	0.155 (0.103, 0.203)	1964 (1963, 1968)	6.38	3.67	2.01
	Myanmar	0.14 (0.105, 0.178)	1976 (1972, 1981)	6.1	3.78	2.17
	Philippines	0.108 (0.082, 0.139)	1970 (1963, 1978)	7.42	4.53	2.58
	Singapore	0.249 (0.198, 0.308)	1963 (1959, 1965)	6.61	1.70	1.21
	Thailand	0.215 (0.166, 0.276)	1973 (1970, 1975)	6.14	2.30	1.53
Southern Asia	Timor-Leste	0.144 (0.103, 0.192)	2006 (2004, 2011)	6.25	5.40	4.10
	Viet Nam	0.172 (0.143, 0.211)	1981 (1976, 1984)	6.46	3.85	2.06
	Afghanistan	0.186 (0.155, 0.222)	2009 (2004, 2013)	7.65	7.47	4.56
	Bangladesh	0.186 (0.15, 0.228)	1984 (1980, 1987)	6.92	4.98	2.05
	Bhutan	0.191 (0.154, 0.235)	1992 (1990, 1995)	6.67	5.90	2.00
	India	0.094 (0.074, 0.123)	1978 (1970, 1988)	5.9	4.27	2.24
	Iran (Islamic Republic of)	0.343 (0.299, 0.389)	1989 (1988, 1990)	6.53	5.62	2.15
	Maldives	0.318 (0.283, 0.359)	1991 (1990, 1992)	7.26	6.66	1.88
	Nepal	0.142 (0.106, 0.187)	1999 (1995, 2001)	5.96	5.33	1.93
	Pakistan	0.114 (0.087, 0.145)	1996 (1992, 2001)	6.6	6.30	3.55
Western Asia	Sri Lanka	0.122 (0.088, 0.168)	1966 (1960, 1971)	5.8	2.64	2.21
	Armenia	0.116 (0.079, 0.176)		7.18 (5.85, 8.49)	2.60	1.76

Table B2. Posterior medians and 80 percent uncertainty intervals (lower, upper) of the fertility transition model parameters (cont'd).

Subregion	Country	d_c	Y_c	U_c	TFR 1988–1993	TFR 2018–2023
	Azerbaijan	0.146 (0.099, 0.201)	1969 (1965, 1973)	6	3.20	2.08
	Bahrain	0.177 (0.134, 0.221)	1970 (1968, 1975)	7.17	4.08	2.00
	Cyprus	0.131 (0.084, 0.21)		7.3 (5.92, 8.52)	2.43	1.34
	Georgia	0.11 (0.074, 0.177)		7.24 (5.87, 8.5)	2.26	2.06
	Iraq	0.093 (0.075, 0.114)	1982 (1974, 1995)	7.4	6.09	3.68
	Israel	0.093 (0.068, 0.135)		7.58 (6.14, 8.58)	3.07	3.04
	Jordan	0.18 (0.142, 0.22)	1986 (1984, 1988)	8	6.02	2.77
	Kuwait	0.2 (0.171, 0.232)	1978 (1976, 1981)	7.4	3.65	2.10
	Lebanon	0.108 (0.08, 0.15)	1971 (1965, 1979)	5.74	3.50	2.09
	Oman	0.333 (0.303, 0.369)	1991 (1990, 1992)	8.32	7.85	2.93
	Qatar	0.162 (0.129, 0.202)	1981 (1975, 1985)	6.97	4.40	1.88
	Saudi Arabia	0.177 (0.149, 0.211)	1989 (1985, 1993)	7.3	6.22	2.34
	State of Palestine	0.102 (0.083, 0.128)	1996 (1982, 2001)	8	6.76	3.67
	Syrian Arab Republic	0.181 (0.147, 0.217)	1984 (1980, 1986)	7.56	5.87	2.84
	Turkey	0.123 (0.094, 0.16)	1974 (1966, 1978)	6.69	3.39	2.08
	United Arab Emirates	0.138 (0.113, 0.174)	1989 (1982, 1991)	6.97	4.90	1.42
	Yemen	0.271 (0.238, 0.302)	1993 (1990, 1995)	8.8	8.80	3.84
Caribbean	Antigua and Barbuda	0.104 (0.074, 0.153)		7.02 (5.76, 8.43)	2.07	2.00
	Aruba	0.169 (0.117, 0.227)	1960 (1956, 1963)	5.65	2.30	1.90
	Bahamas	0.113 (0.076, 0.173)		7.45 (6.02, 8.55)	2.65	1.76
	Barbados	0.118 (0.081, 0.183)		7.04 (5.78, 8.43)	1.77	1.62
	Cuba	0.121 (0.081, 0.185)		7.14 (5.84, 8.46)	1.85	1.62
	Curacao	0.141 (0.093, 0.202)	1962 (1959, 1966)	5.1	2.30	1.76
	Dominican Republic	0.178 (0.14, 0.22)	1968 (1964, 1971)	7.64	3.58	2.36
	Grenada	0.181 (0.132, 0.231)	1963 (1960, 1964)	6.7	4.14	2.07
	Guadeloupe	0.178 (0.134, 0.229)	1973 (1969, 1975)	5.61	2.45	2.17
	Haiti	0.118 (0.09, 0.151)	1990 (1985, 1997)	6.21	5.70	2.96
	Jamaica	0.149 (0.102, 0.206)	1972 (1969, 1974)	5.78	3.10	1.99
	Martinique	0.189 (0.135, 0.259)	1971 (1968, 1973)	5.71	2.14	1.88
	Puerto Rico	0.135 (0.091, 0.201)		7.2 (5.84, 8.49)	2.26	1.22
	Saint Lucia	0.146 (0.119, 0.189)	1980 (1972, 1982)	6.94	3.65	1.44
	Saint Vincent and the Grenadines	0.183 (0.143, 0.229)	1970 (1966, 1973)	7.33	3.10	1.90
	Trinidad and Tobago	0.156 (0.101, 0.218)	1963 (1960, 1965)	5.3	2.75	1.73

Table B2. Posterior medians and 80 percent uncertainty intervals (lower, upper) of the fertility transition model parameters (cont'd).

Subregion	Country	d_c	Y_c	U_c	TFR 1988–1993	TFR 2018–2023
Central America	United States Virgin Islands	0.177 (0.124, 0.235)	1970 (1968, 1972)	5.67	3.02	2.05
	Belize	0.122 (0.094, 0.156)	1983 (1980, 1988)	6.65	4.70	2.32
	Costa Rica	0.221 (0.169, 0.272)	1964 (1962, 1965)	6.65	3.41	1.76
	El Salvador	0.125 (0.098, 0.162)	1979 (1970, 1983)	6.67	4.17	2.05
	Guatemala	0.099 (0.078, 0.127)	1994 (1985, 2000)	7.12	5.58	2.90
	Honduras	0.119 (0.098, 0.146)	1986 (1977, 1991)	7.42	5.37	2.49
	Mexico	0.195 (0.152, 0.239)	1974 (1971, 1977)	6.78	3.75	2.14
	Nicaragua	0.152 (0.118, 0.191)	1986 (1983, 1989)	7.45	5.00	2.42
South America	Panama	0.119 (0.087, 0.16)	1969 (1965, 1974)	5.87	3.24	2.47
	Argentina	0.104 (0.072, 0.158)		7.48 (6.03, 8.56)	3.05	2.27
	Bolivia (Plurinational State of)	0.085 (0.068, 0.108)	1988 (1972, 1997)	6.5	5.07	2.75
	Brazil	0.133 (0.097, 0.179)	1969 (1964, 1974)	6.1	3.14	1.74
	Chile	0.112 (0.077, 0.169)		7.23 (5.86, 8.5)	2.60	1.65
	Colombia	0.199 (0.15, 0.252)	1965 (1963, 1968)	6.68	3.17	1.82
	Ecuador	0.13 (0.098, 0.167)	1972 (1968, 1976)	6.75	3.97	2.44
	French Guiana	0.073 (0.061, 0.093)	1969 (1968, 1970)	5.02	3.73	3.36
	Guyana	0.13 (0.094, 0.171)	1967 (1962, 1971)	6.45	3.13	2.47
	Paraguay	0.095 (0.075, 0.123)	1972 (1966, 1988)	6.5	4.77	2.45
	Peru	0.132 (0.103, 0.168)	1975 (1969, 1980)	6.95	4.20	2.27
	Suriname	0.148 (0.106, 0.196)	1968 (1965, 1972)	6.56	3.36	2.43
	Uruguay	0.109 (0.074, 0.172)		7.35 (5.93, 8.51)	2.53	1.98
	Venezuela (Bolivarian Republic of)	0.125 (0.092, 0.163)	1967 (1962, 1972)	6.46	3.65	2.28

B 2.2 Contraceptive Transition Model Parameter Estimates: Medians and Uncertainty Intervals

Table B3. Posterior medians and 80 percent uncertainty intervals (lower, upper) of the contraceptive prevalence model parameters ω_c , Ω_c , \tilde{P}_c , and contraceptive prevalence (CP) in 1990 and 2020. Estimates of Ω_c are not defined for countries with estimated contraceptive prevalence at asymptote levels for the entire observation period. Estimates of contraceptive prevalence are for any method (modern and traditional).

Subregion	Country	ω_c	Ω_c	\tilde{P}_c	CP (1990)	CP (2020)
Eastern Africa	Burundi	0.065 (0.047, 0.085)	2019 (2010, 2032)	0.69 (0.58, 0.81)	0.09 (0.07, 0.12)	0.3 (0.25, 0.37)
	Comoros	0.06 (0.04, 0.08)	2010 (2000, 2023)	0.68 (0.58, 0.8)	0.16 (0.11, 0.22)	0.26 (0.18, 0.36)
	Djibouti	0.067 (0.047, 0.091)	2026 (2015, 2042)	0.7 (0.59, 0.82)	0.05 (0.03, 0.1)	0.28 (0.18, 0.4)
	Eritrea	0.06 (0.04, 0.079)	2030 (2019, 2050)	0.69 (0.58, 0.82)	0.06 (0.04, 0.08)	0.13 (0.08, 0.21)
	Ethiopia	0.077 (0.057, 0.108)	2027 (2017, 2041)	0.7 (0.59, 0.82)	0.04 (0.02, 0.05)	0.4 (0.35, 0.45)
	Kenya	0.072 (0.054, 0.097)	1997 (1992, 2003)	0.71 (0.61, 0.82)	0.28 (0.25, 0.31)	0.63 (0.59, 0.68)
	Madagascar	0.069 (0.05, 0.093)	2009 (2002, 2019)	0.69 (0.58, 0.81)	0.14 (0.11, 0.18)	0.49 (0.42, 0.55)
	Malawi	0.077 (0.057, 0.106)	2011 (2004, 2021)	0.72 (0.62, 0.84)	0.12 (0.09, 0.14)	0.64 (0.56, 0.71)
	Mauritius	0.068 (0.047, 0.095)		0.7 (0.6, 0.8)	0.69 (0.62, 0.76)	0.66 (0.55, 0.76)
	Mozambique	0.067 (0.048, 0.09)	2026 (2016, 2041)	0.69 (0.58, 0.81)	0.05 (0.03, 0.08)	0.27 (0.2, 0.36)
	Reunion	0.067 (0.046, 0.093)		0.7 (0.59, 0.81)	0.66 (0.6, 0.72)	0.72 (0.57, 0.85)
	Rwanda	0.072 (0.053, 0.097)	2003 (1997, 2011)	0.7 (0.6, 0.82)	0.2 (0.16, 0.24)	0.57 (0.49, 0.65)
	Somalia	0.065 (0.045, 0.088)	2023 (2011, 2041)	0.69 (0.58, 0.81)	0.07 (0.04, 0.13)	0.26 (0.13, 0.45)
	South Sudan	0.06 (0.04, 0.079)	2041 (2027, 2064)	0.69 (0.58, 0.82)	0.03 (0.02, 0.06)	0.07 (0.05, 0.11)
	Uganda	0.073 (0.054, 0.099)	2020 (2011, 2032)	0.7 (0.59, 0.82)	0.07 (0.06, 0.09)	0.43 (0.38, 0.49)
	United Republic of Tanzania	0.07 (0.051, 0.094)	2014 (2007, 2025)	0.69 (0.58, 0.81)	0.11 (0.09, 0.13)	0.43 (0.36, 0.51)
	Zambia	0.071 (0.052, 0.099)	2008 (2001, 2018)	0.69 (0.58, 0.8)	0.15 (0.12, 0.18)	0.52 (0.47, 0.57)
	Zimbabwe	0.068 (0.047, 0.093)	1982 (1972, 1988)	0.7 (0.6, 0.81)	0.44 (0.41, 0.48)	0.69 (0.61, 0.75)
	Middle Africa	Angola	0.038 (0.023, 0.056)	2049 (2028, 2088)	0.7 (0.59, 0.82)	0.06 (0.04, 0.1)
Cameroon		0.04 (0.025, 0.061)	2029 (2014, 2057)	0.69 (0.58, 0.81)	0.12 (0.1, 0.15)	0.22 (0.18, 0.27)
Central African Republic		0.038 (0.023, 0.056)	2030 (2013, 2059)	0.69 (0.59, 0.81)	0.12 (0.08, 0.17)	0.26 (0.16, 0.39)
Chad		0.037 (0.022, 0.053)	2069 (2043, 2118)	0.7 (0.59, 0.82)	0.04 (0.02, 0.06)	0.07 (0.05, 0.1)
Congo		0.038 (0.023, 0.059)	2005 (1980, 2028)	0.69 (0.58, 0.81)	0.25 (0.14, 0.38)	0.43 (0.32, 0.54)
Democratic Republic of the Congo		0.036 (0.022, 0.052)	2028 (2011, 2054)	0.69 (0.58, 0.81)	0.14 (0.1, 0.18)	0.24 (0.17, 0.33)
Equatorial Guinea		0.037 (0.023, 0.055)	2044 (2023, 2079)	0.69 (0.59, 0.81)	0.08 (0.05, 0.13)	0.17 (0.11, 0.25)
Gabon		0.038 (0.023, 0.056)	2010 (1990, 2032)	0.69 (0.58, 0.81)	0.22 (0.14, 0.33)	0.37 (0.27, 0.48)
Sao Tome and Principe		0.039 (0.024, 0.061)	2014 (1995, 2036)	0.7 (0.59, 0.82)	0.2 (0.12, 0.3)	0.45 (0.35, 0.57)
Northern Africa	Algeria	0.051 (0.03, 0.082)	1979 (1960, 1989)	0.7 (0.6, 0.81)	0.46 (0.4, 0.52)	0.64 (0.52, 0.74)
	Egypt	0.05 (0.03, 0.077)	1984 (1973, 1991)	0.7 (0.6, 0.81)	0.42 (0.39, 0.45)	0.61 (0.52, 0.69)

Table B3. Posterior medians and 80 percent uncertainty intervals (lower, upper) of the fertility transition model parameters (cont'd).

Subregion	Country	ω_c	Ω_c	\tilde{P}_c	CP (1990)	CP (2020)
	Libya	0.046 (0.028, 0.07)	1985 (1959, 2001)	0.67 (0.57, 0.78)	0.37 (0.27, 0.5)	0.38 (0.27, 0.5)
	Morocco	0.054 (0.032, 0.087)	1988 (1979, 1995)	0.73 (0.63, 0.83)	0.39 (0.36, 0.43)	0.7 (0.66, 0.74)
	Sudan	0.045 (0.028, 0.065)	2035 (2020, 2064)	0.69 (0.58, 0.81)	0.08 (0.07, 0.09)	0.15 (0.1, 0.22)
	Tunisia	0.051 (0.03, 0.08)	1970 (1946, 1980)	0.69 (0.6, 0.79)	0.52 (0.48, 0.56)	0.58 (0.5, 0.66)
Southern Africa	Botswana	0.089 (0.058, 0.128)	1990 (1986, 1995)	0.71 (0.62, 0.82)	0.35 (0.31, 0.39)	0.69 (0.6, 0.76)
	Eswatini	0.089 (0.059, 0.127)	2000 (1995, 2008)	0.72 (0.62, 0.84)	0.2 (0.15, 0.26)	0.67 (0.57, 0.77)
	Lesotho	0.089 (0.061, 0.121)	2000 (1995, 2008)	0.71 (0.61, 0.83)	0.2 (0.16, 0.25)	0.65 (0.58, 0.72)
	Namibia	0.082 (0.052, 0.119)	1991 (1985, 1997)	0.68 (0.58, 0.79)	0.31 (0.27, 0.35)	0.61 (0.51, 0.69)
	South Africa	0.082 (0.051, 0.122)	1977 (1962, 1985)	0.65 (0.58, 0.75)	0.49 (0.42, 0.56)	0.57 (0.5, 0.64)
Western Africa	Benin	0.046 (0.032, 0.06)	2026 (2014, 2044)	0.69 (0.58, 0.81)	0.11 (0.08, 0.15)	0.17 (0.14, 0.21)
	Burkina Faso	0.051 (0.037, 0.07)	2030 (2018, 2047)	0.7 (0.59, 0.82)	0.08 (0.06, 0.1)	0.33 (0.29, 0.37)
	Cabo Verde	0.055 (0.039, 0.083)	1997 (1990, 2006)	0.72 (0.62, 0.84)	0.3 (0.25, 0.35)	0.67 (0.54, 0.79)
	Cote d'Ivoire	0.05 (0.036, 0.066)	2029 (2017, 2046)	0.69 (0.58, 0.81)	0.09 (0.07, 0.12)	0.25 (0.21, 0.29)
	Gambia	0.046 (0.032, 0.06)	2030 (2017, 2050)	0.69 (0.58, 0.81)	0.1 (0.07, 0.13)	0.15 (0.11, 0.19)
	Ghana	0.048 (0.034, 0.064)	2020 (2010, 2035)	0.69 (0.58, 0.81)	0.14 (0.12, 0.16)	0.35 (0.29, 0.41)
	Guinea	0.05 (0.036, 0.068)	2060 (2041, 2089)	0.7 (0.59, 0.81)	0.02 (0.01, 0.03)	0.09 (0.06, 0.13)
	Guinea-Bissau	0.05 (0.035, 0.069)	2040 (2025, 2063)	0.7 (0.59, 0.82)	0.05 (0.03, 0.08)	0.19 (0.13, 0.28)
	Liberia	0.05 (0.036, 0.067)	2032 (2020, 2051)	0.7 (0.59, 0.82)	0.07 (0.06, 0.09)	0.29 (0.22, 0.37)
	Mali	0.05 (0.035, 0.066)	2042 (2027, 2064)	0.7 (0.59, 0.82)	0.05 (0.04, 0.06)	0.18 (0.16, 0.22)
	Mauritania	0.052 (0.037, 0.071)	2045 (2029, 2069)	0.7 (0.59, 0.82)	0.04 (0.03, 0.05)	0.17 (0.12, 0.24)
	Niger	0.05 (0.036, 0.067)	2043 (2028, 2064)	0.69 (0.59, 0.81)	0.05 (0.03, 0.06)	0.18 (0.14, 0.23)
	Nigeria	0.048 (0.034, 0.064)	2035 (2022, 2055)	0.69 (0.58, 0.81)	0.08 (0.06, 0.09)	0.19 (0.16, 0.22)
	Senegal	0.051 (0.038, 0.068)	2034 (2021, 2052)	0.7 (0.59, 0.82)	0.07 (0.05, 0.08)	0.3 (0.25, 0.36)
	Sierra Leone	0.053 (0.039, 0.076)	2046 (2030, 2067)	0.7 (0.59, 0.82)	0.03 (0.02, 0.05)	0.24 (0.21, 0.27)
	Togo	0.047 (0.033, 0.062)	2023 (2012, 2039)	0.69 (0.58, 0.81)	0.12 (0.09, 0.15)	0.26 (0.2, 0.33)
Central Asia	Kazakhstan	0.037 (0.019, 0.07)		0.67 (0.58, 0.78)	0.55 (0.46, 0.63)	0.53 (0.46, 0.59)
	Kyrgyzstan	0.036 (0.019, 0.065)		0.66 (0.56, 0.77)	0.56 (0.44, 0.66)	0.41 (0.33, 0.48)
	Tajikistan	0.035 (0.019, 0.063)	1992 (1959, 2015)	0.68 (0.57, 0.8)	0.32 (0.21, 0.46)	0.31 (0.26, 0.37)
	Turkmenistan	0.037 (0.019, 0.07)		0.67 (0.58, 0.79)	0.56 (0.42, 0.68)	0.54 (0.44, 0.64)
	Uzbekistan	0.039 (0.019, 0.075)	1967 (1916, 1988)	0.71 (0.6, 0.82)	0.52 (0.41, 0.61)	0.69 (0.55, 0.81)
Eastern Asia	China	0.175 (0.129, 0.232)		0.83 (0.69, 0.88)	0.77 (0.74, 0.8)	0.85 (0.8, 0.88)
	China, Hong Kong SAR	0.149 (0.099, 0.205)		0.72 (0.62, 0.8)	0.82 (0.78, 0.85)	0.7 (0.64, 0.76)

Table B3. Posterior medians and 80 percent uncertainty intervals (lower, upper) of the fertility transition model parameters (cont'd).

Subregion	Country	ω_c	Ω_c	\tilde{P}_c	CP (1990)	CP (2020)
	China, Taiwan Province of China	0.152 (0.108, 0.203)		0.75 (0.64, 0.84)	0.76 (0.69, 0.81)	0.79 (0.67, 0.88)
	Dem. People's Republic of Korea	0.15 (0.098, 0.211)		0.7 (0.6, 0.77)	0.62 (0.57, 0.67)	0.74 (0.68, 0.8)
	Japan	0.156 (0.106, 0.218)		0.64 (0.57, 0.71)	0.69 (0.66, 0.72)	0.54 (0.46, 0.62)
	Mongolia	0.146 (0.094, 0.206)		0.63 (0.56, 0.7)	0.54 (0.4, 0.66)	0.56 (0.48, 0.63)
	Republic of Korea	0.147 (0.108, 0.189)		0.79 (0.69, 0.84)	0.76 (0.72, 0.8)	0.81 (0.75, 0.85)
South-Eastern Asia	Cambodia	0.101 (0.072, 0.141)	2006 (2000, 2014)	0.71 (0.6, 0.82)	0.11 (0.07, 0.16)	0.62 (0.53, 0.7)
	Indonesia	0.112 (0.079, 0.166)	1980 (1974, 1984)	0.66 (0.59, 0.75)	0.49 (0.47, 0.52)	0.62 (0.56, 0.67)
	Lao People's Democratic Republic	0.098 (0.069, 0.134)	2002 (1997, 2009)	0.69 (0.59, 0.8)	0.16 (0.12, 0.2)	0.6 (0.54, 0.66)
	Malaysia	0.099 (0.069, 0.139)	1977 (1966, 1984)	0.64 (0.56, 0.74)	0.5 (0.43, 0.57)	0.57 (0.47, 0.66)
	Myanmar	0.096 (0.068, 0.131)	2002 (1997, 2009)	0.68 (0.57, 0.79)	0.16 (0.13, 0.19)	0.57 (0.5, 0.64)
	Philippines	0.088 (0.059, 0.122)	1984 (1975, 1991)	0.64 (0.56, 0.75)	0.4 (0.34, 0.46)	0.56 (0.5, 0.62)
	Singapore	0.094 (0.063, 0.137)		0.66 (0.57, 0.75)	0.65 (0.6, 0.69)	0.68 (0.54, 0.81)
	Thailand	0.111 (0.078, 0.16)		0.78 (0.68, 0.84)	0.68 (0.64, 0.71)	0.8 (0.73, 0.86)
	Timor-Leste	0.074 (0.049, 0.102)	1998 (1993, 2006)	0.66 (0.56, 0.78)	0.23 (0.2, 0.25)	0.3 (0.24, 0.37)
	Viet Nam	0.101 (0.069, 0.148)	1980 (1968, 1985)	0.78 (0.66, 0.85)	0.58 (0.52, 0.63)	0.8 (0.74, 0.85)
Southern Asia	Afghanistan	0.07 (0.051, 0.09)	2023 (2013, 2038)	0.69 (0.58, 0.81)	0.06 (0.04, 0.09)	0.25 (0.2, 0.31)
	Bangladesh	0.082 (0.058, 0.118)	1991 (1986, 1996)	0.7 (0.61, 0.8)	0.35 (0.31, 0.39)	0.65 (0.57, 0.73)
	Bhutan	0.075 (0.052, 0.106)	2004 (1996, 2013)	0.71 (0.6, 0.82)	0.18 (0.12, 0.26)	0.6 (0.47, 0.71)
	India	0.075 (0.053, 0.103)	1983 (1975, 1990)	0.66 (0.58, 0.77)	0.4 (0.37, 0.45)	0.56 (0.49, 0.64)
	Iran (Islamic Republic of)	0.075 (0.052, 0.104)	1980 (1968, 1986)	0.77 (0.66, 0.86)	0.55 (0.51, 0.6)	0.81 (0.71, 0.88)
	Maldives	0.059 (0.039, 0.081)	1996 (1987, 2005)	0.65 (0.56, 0.77)	0.27 (0.23, 0.33)	0.21 (0.17, 0.26)
	Nepal	0.08 (0.058, 0.111)	2003 (1996, 2011)	0.68 (0.58, 0.8)	0.18 (0.15, 0.22)	0.54 (0.47, 0.61)
	Pakistan	0.066 (0.048, 0.085)	2015 (2008, 2027)	0.68 (0.57, 0.8)	0.11 (0.1, 0.12)	0.36 (0.31, 0.42)
	Sri Lanka	0.074 (0.051, 0.106)		0.71 (0.62, 0.79)	0.63 (0.58, 0.67)	0.67 (0.6, 0.73)
Western Asia	Armenia	0.052 (0.033, 0.076)	1967 (1934, 1983)	0.67 (0.58, 0.78)	0.53 (0.44, 0.62)	0.59 (0.51, 0.67)
	Azerbaijan	0.052 (0.033, 0.077)	1979 (1947, 1997)	0.68 (0.58, 0.79)	0.44 (0.3, 0.6)	0.56 (0.44, 0.68)
	Bahrain	0.052 (0.034, 0.078)	1969 (1939, 1983)	0.7 (0.59, 0.82)	0.54 (0.45, 0.63)	0.67 (0.49, 0.81)
	Georgia	0.051 (0.033, 0.074)	1995 (1975, 2011)	0.68 (0.57, 0.8)	0.29 (0.19, 0.43)	0.46 (0.38, 0.54)
	Iraq	0.052 (0.035, 0.073)	2006 (1997, 2019)	0.7 (0.59, 0.81)	0.22 (0.17, 0.27)	0.55 (0.47, 0.63)
	Israel	0.052 (0.033, 0.078)		0.7 (0.59, 0.82)	0.69 (0.63, 0.74)	0.74 (0.56, 0.87)
	Jordan	0.052 (0.034, 0.073)	1985 (1976, 1992)	0.68 (0.59, 0.79)	0.39 (0.37, 0.42)	0.53 (0.47, 0.6)
	Kuwait	0.051 (0.033, 0.074)	1983 (1969, 1994)	0.69 (0.59, 0.81)	0.41 (0.34, 0.47)	0.59 (0.43, 0.74)
	Lebanon	0.051 (0.033, 0.075)		0.68 (0.58, 0.78)	0.6 (0.52, 0.67)	0.62 (0.49, 0.74)

Table B3. Posterior medians and 80 percent uncertainty intervals (lower, upper) of the fertility transition model parameters (cont'd).

Subregion	Country	ω_c	Ω_c	\tilde{P}_c	CP (1990)	CP (2020)
	Oman	0.051 (0.034, 0.074)	2015 (2004, 2032)	0.69 (0.58, 0.81)	0.15 (0.11, 0.2)	0.34 (0.25, 0.44)
	Qatar	0.05 (0.032, 0.072)	1988 (1973, 1999)	0.68 (0.57, 0.79)	0.36 (0.29, 0.44)	0.47 (0.35, 0.6)
	Saudi Arabia	0.047 (0.031, 0.067)	2002 (1986, 2019)	0.68 (0.57, 0.8)	0.24 (0.16, 0.35)	0.29 (0.21, 0.38)
	State of Palestine	0.053 (0.034, 0.079)	1985 (1964, 1998)	0.69 (0.59, 0.81)	0.39 (0.29, 0.5)	0.61 (0.51, 0.71)
	Syrian Arab Republic	0.052 (0.034, 0.076)	1986 (1971, 1997)	0.7 (0.59, 0.81)	0.39 (0.31, 0.47)	0.61 (0.48, 0.73)
	Turkey	0.054 (0.035, 0.079)	1961 (1933, 1975)	0.73 (0.63, 0.83)	0.61 (0.56, 0.66)	0.71 (0.66, 0.76)
	United Arab Emirates	0.052 (0.033, 0.077)	2000 (1984, 2015)	0.69 (0.59, 0.81)	0.26 (0.17, 0.37)	0.5 (0.3, 0.68)
	Yemen	0.06 (0.039, 0.086)	2022 (2011, 2041)	0.7 (0.59, 0.82)	0.09 (0.08, 0.11)	0.41 (0.32, 0.52)
Caribbean	Anguilla	0.045 (0.026, 0.07)	1983 (1946, 2004)	0.69 (0.58, 0.81)	0.41 (0.25, 0.59)	0.55 (0.38, 0.71)
	Antigua and Barbuda	0.045 (0.026, 0.07)	1970 (1938, 1986)	0.7 (0.59, 0.82)	0.5 (0.4, 0.61)	0.63 (0.43, 0.8)
	Bahamas	0.045 (0.026, 0.071)		0.7 (0.59, 0.82)	0.57 (0.45, 0.68)	0.67 (0.47, 0.83)
	Barbados	0.044 (0.026, 0.07)	1964 (1929, 1980)	0.69 (0.59, 0.81)	0.53 (0.45, 0.62)	0.63 (0.51, 0.74)
	Cuba	0.045 (0.026, 0.072)		0.7 (0.59, 0.81)	0.69 (0.63, 0.74)	0.75 (0.65, 0.82)
	Dominica	0.044 (0.026, 0.07)	1964 (1926, 1982)	0.69 (0.58, 0.81)	0.54 (0.43, 0.64)	0.64 (0.45, 0.81)
	Dominican Republic	0.047 (0.027, 0.076)	1968 (1940, 1980)	0.73 (0.63, 0.84)	0.55 (0.52, 0.58)	0.72 (0.63, 0.79)
	Grenada	0.046 (0.026, 0.075)	1976 (1950, 1988)	0.71 (0.6, 0.83)	0.48 (0.39, 0.56)	0.63 (0.44, 0.8)
	Guadeloupe	0.045 (0.026, 0.07)	1981 (1956, 1999)	0.7 (0.59, 0.82)	0.43 (0.29, 0.57)	0.59 (0.37, 0.78)
	Haiti	0.045 (0.027, 0.067)	2026 (2012, 2053)	0.69 (0.58, 0.81)	0.12 (0.1, 0.14)	0.37 (0.31, 0.44)
	Jamaica	0.046 (0.027, 0.072)	1961 (1925, 1977)	0.71 (0.61, 0.82)	0.57 (0.52, 0.63)	0.67 (0.54, 0.78)
	Martinique	0.045 (0.026, 0.07)	1975 (1947, 1993)	0.7 (0.59, 0.82)	0.47 (0.34, 0.61)	0.62 (0.4, 0.8)
	Montserrat	0.044 (0.026, 0.07)	1965 (1928, 1985)	0.7 (0.59, 0.82)	0.54 (0.41, 0.66)	0.65 (0.45, 0.81)
	Puerto Rico	0.045 (0.026, 0.07)		0.72 (0.59, 0.85)	0.73 (0.66, 0.79)	0.82 (0.69, 0.9)
	Saint Kitts and Nevis	0.045 (0.026, 0.071)	1977 (1948, 1992)	0.7 (0.59, 0.82)	0.46 (0.34, 0.58)	0.61 (0.4, 0.79)
	Saint Lucia	0.044 (0.026, 0.069)	1965 (1929, 1982)	0.68 (0.58, 0.8)	0.52 (0.43, 0.61)	0.61 (0.48, 0.72)
	Saint Vincent and the Grenadines	0.044 (0.026, 0.07)		0.7 (0.59, 0.82)	0.57 (0.47, 0.66)	0.66 (0.47, 0.82)
	Trinidad and Tobago	0.042 (0.025, 0.064)	1961 (1928, 1977)	0.66 (0.56, 0.78)	0.5 (0.45, 0.56)	0.48 (0.36, 0.61)
	United States Virgin Islands	0.045 (0.026, 0.072)		0.71 (0.59, 0.83)	0.67 (0.5, 0.79)	0.75 (0.6, 0.86)
Central America	Belize	0.076 (0.047, 0.113)	1981 (1964, 1991)	0.65 (0.57, 0.76)	0.44 (0.34, 0.54)	0.56 (0.47, 0.66)
	Costa Rica	0.078 (0.048, 0.117)		0.7 (0.59, 0.81)	0.72 (0.67, 0.77)	0.73 (0.66, 0.79)
	El Salvador	0.084 (0.054, 0.122)	1978 (1966, 1984)	0.73 (0.63, 0.82)	0.53 (0.47, 0.59)	0.73 (0.64, 0.81)
	Guatemala	0.075 (0.05, 0.105)	1995 (1989, 2003)	0.7 (0.6, 0.81)	0.28 (0.23, 0.32)	0.63 (0.55, 0.71)
	Honduras	0.082 (0.052, 0.119)	1984 (1975, 1990)	0.74 (0.63, 0.84)	0.46 (0.39, 0.52)	0.75 (0.67, 0.83)
	Mexico	0.083 (0.053, 0.123)	1975 (1961, 1981)	0.74 (0.65, 0.82)	0.58 (0.54, 0.62)	0.73 (0.68, 0.78)

Table B3. Posterior medians and 80 percent uncertainty intervals (lower, upper) of the fertility transition model parameters (cont'd).

Subregion	Country	ω_c	Ω_c	\tilde{P}_c	CP (1990)	CP (2020)
South America	Nicaragua	0.086 (0.055, 0.125)	1986 (1977, 1992)	0.78 (0.66, 0.87)	0.45 (0.39, 0.52)	0.82 (0.73, 0.88)
	Panama	0.075 (0.046, 0.112)		0.65 (0.57, 0.75)	0.59 (0.49, 0.67)	0.59 (0.5, 0.69)
	Argentina	0.075 (0.048, 0.113)		0.71 (0.6, 0.8)	0.68 (0.52, 0.79)	0.71 (0.61, 0.79)
	Bolivia (Plurinational State of)	0.078 (0.052, 0.114)	1992 (1987, 1997)	0.7 (0.61, 0.81)	0.34 (0.3, 0.38)	0.67 (0.59, 0.74)
	Brazil	0.074 (0.047, 0.112)		0.72 (0.59, 0.83)	0.72 (0.66, 0.77)	0.8 (0.72, 0.86)
	Chile	0.076 (0.049, 0.114)		0.73 (0.61, 0.83)	0.53 (0.35, 0.69)	0.77 (0.7, 0.83)
	Colombia	0.087 (0.058, 0.132)	1971 (1954, 1978)	0.78 (0.67, 0.86)	0.67 (0.64, 0.69)	0.82 (0.76, 0.86)
	Ecuador	0.077 (0.051, 0.112)	1981 (1970, 1987)	0.77 (0.65, 0.87)	0.52 (0.47, 0.57)	0.81 (0.72, 0.88)
	Guyana	0.064 (0.042, 0.091)	1985 (1973, 1995)	0.65 (0.56, 0.77)	0.37 (0.3, 0.45)	0.45 (0.34, 0.56)
	Paraguay	0.076 (0.05, 0.11)	1981 (1972, 1986)	0.73 (0.63, 0.83)	0.49 (0.46, 0.52)	0.72 (0.63, 0.79)
	Peru	0.075 (0.05, 0.106)	1978 (1965, 1984)	0.75 (0.65, 0.84)	0.55 (0.51, 0.59)	0.76 (0.73, 0.8)
	Suriname	0.068 (0.043, 0.099)	1981 (1961, 1993)	0.64 (0.55, 0.76)	0.42 (0.31, 0.53)	0.45 (0.37, 0.53)
	Uruguay	0.074 (0.047, 0.112)		0.7 (0.59, 0.8)	0.8 (0.75, 0.84)	0.79 (0.7, 0.86)
	Venezuela (Bolivarian Republic of)	0.073 (0.048, 0.107)	1971 (1950, 1981)	0.72 (0.61, 0.82)	0.58 (0.52, 0.65)	0.75 (0.64, 0.84)