

SUPPLEMENTARY DATA. Raw data used in analysis (year of data in parentheses)

Country name		Sex ratio at live birth	HIV/AIDS prevalence %	Tuberculosis prevalence per 100 000 population	Gross National Product in US\$	Latitude in degrees	Malnutrition prevalence %
African Countries							
1	Algeria	1.050 (2010)	0.1 (2009)	67 (2009)	4420 (2009)	38	5 (2005)
2	Angola	1.050 (2010)	2 (2009)	389 (2009)	3750 (2009)	8	44 (2005)
3	Benin	1.050 (2010)	1.2 (2009)	146 (2009)	750 (2009)	9	19 (2005)
4	Botswana	1.030 (2010)	24.8 (2009)	531 (2009)	6260 (2009)	24	26 (2005)
5	Burkina Faso	1.030 (2010)	1.2 (2009)	397 (2009)	510 (2009)	12	9 (2005)
6	Burundi	1.030 (2010)	3.3 (2009)	549 (2009)	150 (2009)	3	63 (2005)
7	Cameroon	1.030 (2010)	5.3 (2009)	191 (2009)	1190 (2009)	3	23 (2005)
8	Cape Verde	1.030 (2010)	0.04 (2009)	227 (2009)	3010 (2009)	15	14 (2005)
9	Central African Republic	1.030 (2010)	4.7 (2009)	395 (2009)	450 (2009)	4	41 (2005)
10	Chad	1.040 (2010)	3.4 (2009)	456 (2009)	540 (2009)	12	38 (2005)
11	Comoros	1.030 (2010)	0.1 (2009)	68 (2009)	870 (2009)	11	51 (2005)
12	Democratic Republic of Congo	1.030 (2010)	n/a	645 (2009)	160 (2009)	4	75 (2005)
13	Congo	1.030 (2010)	3.4 (2009)	461 (2009)	2080 (2009)	4	21 (2005)
14	Djibouti	1.030 (2010)	2.5 (2009)	869 (2009)	1280 (2009)	11	31 (2005)
15	Egypt	1.050 (2010)	0.1 (2009)	30 (2009)	2070 (2009)	30	5 (2005)
16	Equatorial Guinea	1.030 (2010)	5 (2009)	129 (2009)	12420 (2009)	3	n/a
17	Eritrea	1.030 (2010)	0.8 (2009)	142 (2009)	270 (2009)	15	66 (2005)
18	Ethiopia	1.030 (2010)	n/a	572 (2009)	330 (2009)	9	44 (2005)
19	Gabon	1.030 (2010)	5.2 (2009)	603 (2009)	7370 (2009)	0	5 (2005)
20	Gambia	1.030 (2010)	2 (2009)	425 (2009)	440 (2009)	13	29 (2005)
21	Ghana	1.030 (2010)	1.8 (2009)	329 (2009)	1190 (2009)	5	8 (2005)

22	Guinea	1.030 (2010)	1.3 (2009)	562 (2009)	370 (2009)	9	16 (2005)
23	Guinea Bissau	1.030 (2010)	2.5 (2009)	305 (2009)	510 (2009)	11	31 (2005)
24	Ivory Coast	1.030 (2010)	3.4 (2009)	606 (2009)	1070 (2009)	6	14 (2005)
25	Kenya	1.020 (2010)	6.3 (2009)	282 (2009)	760 (2009)	1	30 (2005)
26	Lesotho	1.030 (2010)	23.6 (2009)	405 (2009)	980 (2009)	29	15 (2005)
27	Liberia	1.030 (2010)	1.5 (2009)	518 (2009)	160 (2009)	6	38 (2005)
28	Libya	1.050 (2010)	0.3 (2009)	55 (2009)	12020 (2009)	25	5 (2005)
29	Madagascar	1.030 (2010)	0.2 (2009)	478 (2009)	420 (2009)	18	35 (2005)
30	Malawi	1.015 (2010)	11 (2009)	243 (2009)	280 (2009)	14	29 (2005)
31	Mali	1.030 (2010)	1 (2009)	628 (2009)	680 (2009)	12	10 (2005)
32	Mauritania	1.030 (2010)	0.7 (2009)	676 (2009)	960 (2009)	20	8 (2005)
33	Mauritius	1.050 (2010)	1 (2009)	40 (2009)	7250 (2009)	20	6 (2005)
34	Morocco	1.050 (2010)	0.1 (2009)	109 (2009)	2770 (2009)	32	5 (2005)
35	Mozambique	1.017 (2010)	11.5 (2009)	323 (2009)	440 (2009)	25	37 (2005)
36	Namibia	1.030 (2010)	13.1 (2009)	588 (2009)	4270 (2009)	22	19 (2005)
37	Niger	1.030 (2010)	0.8 (2009)	328 (2009)	340 (2009)	13	28 (2005)
38	Nigeria	1.060 (2010)	3.6 (2009)	497 (2009)	1190 (2009)	9	8 (2005)
39	Rwanda	1.030 (2010)	2.9 (2009)	565 (2009)	460 (2009)	1	40 (2005)
40	Sao Tome and Principe	1.030 (2010)	n/a	162 (2009)	1140 (2009)	0	5 (2005)
41	Senegal	1.030 (2010)	0.9 (2009)	545 (2009)	1040 (2009)	14	25 (2005)
42	Seychelles	1.031 (2010)	n/a	61 (2009)	8480 (2009)	4	8 (2005)
43	Sierra Leone	1.030 (2010)	1.6 (2009)	1193 (2009)	340 (2009)	8	46 (2005)
44	Somalia	1.030 (2010)	0.7 (2009)	494 (2009)	n/a	2	n/a
45	South Africa	1.020 (2010)	17.8 (2009)	808 (2009)	5760 (2009)	25	5 (2005)
46	Sudan	1.050 (2010)	1.1 (2009)	206 (2009)	1220 (2009)	15	20 (2005)

47	Swaziland	1.030 (2010)	25.9 (2009)	673 (2009)	n/a	26	18(2005)
48	Tanzania	1.030 (2010)	5.6 (2009)	170 (2009)	500 (2009)	6	35(2005)
49	Togo	1.030 (2010)	3.2 (2009)	796 (2009)	440 (2009)	6	37(2005)
50	Tunisia	1.073 (2010)	0.1 (2009)	30 (2009)	3720 (2009)	36	5(2005)
51	Uganda	1.030 (2010)	6.5 (2009)	278 (2009)	460 (2009)	0	15(2005)
52	Zambia	1.030 (2010)	13.5 (2009)	309 (2009)	970 (2009)	15	45(2005)
53	Zimbabwe	1.030 (2010)	14.3 (2009)	431 (2009)	360 (2009)	17	39(2005)
Asian Countries							
54	Afghanistan	1.050 (2010)	0.01 (2009)	337 (2009)	310 (2009)	34	n/a
55	Bahrain	1.030 (2010)	0.2 (2009)	57 (2009)	25420 (2009)	26	n/a
56	Bangladesh	1.040 (2010)	0.1 (2009)	425 (2009)	580 (2009)	23	26 (2005)
57	Bhutan	1.050 (2010)	0.2 (2009)	179 (2009)	2030 (2009)	27	n/a
58	Brunei	1.047 (2010)	0.1 (2009)	72 (2009)	27050 (2009)	4	5 (2005)
59	Cambodia	1.045 (2010)	0.5 (2009)	693 (2009)	610 (2009)	11	25 (2005)
60	China	1.140 (2010)	0.1 (2009)	138 (2009)	3650 (2009)	39	10 (2005)
61	India	1.120 (2010)	0.3 (2009)	249 (2009)	1180 (2009)	28	22 (2005)
62	Indonesia	1.050 (2010)	0.2 (2009)	285 (2009)	2050 (2009)	6	n/a
63	Iran	1.050 (2010)	0.2 (2009)	27 (2009)	4530 (2009)	35	5 (2005)
64	Iraq	1.050 (2010)	0.1 (2009)	117 (2009)	2210 (2009)	33	5 (2005)
65	Israel	1.050 (2010)	0.2 (2009)	6.3 (2009)	25790 (2009)	31	5 (2005)
66	Japan	1.056 (2010)	0.1 (2009)	26 (2009)	38080 (2009)	36	5 (2005)
67	Jordan	1.060 (2010)	0.1 (2009)	6.2 (2009)	3980 (2009)	31	5 (2005)
68	Kazakhstan	1.058 (2010)	0.1 (2009)	211 (2009)	6920 (2009)	51	5 (2005)
69	South Korea	1.070 (2010)	0.1 (2009)	n/a	19830 (2009)	37	32 (2005)
70	Kuwait	1.041 (2010)	0.1 (2009)	44 (2009)	43930 (2009)	29	5 (2005)
71	Kyrgyzstan	1.053	0.3	236	870	42	5

		(2010)	(2009)	(2009)	(2009)		(2005)
72	Laos	1.040 (2010)	0.2 (2009)	n/a	880 (2009)	18	19 (2005)
73	Lebanon	1.050 (2010)	0.1 (2009)	20 (2009)	8060 (2009)	33	5 (2005)
74	Malaysia	1.069 (2010)	0.5 (2009)	109 (2009)	7350 (2009)	3	5 (2005)
75	Maldives	1.050 (2010)	0.1 (2009)	47 (2009)	3970 (2009)	4	7 (2005)
76	Mongolia	1.050 (2010)	0.1 (2009)	323 (2009)	1630 (2009)	46	29 (2005)
77	Nepal	1.040 (2010)	0.4 (2009)	240 (2009)	440 (2009)	27	16 (2005)
78	Oman	1.050 (2010)	0.1 (2009)	16 (2009)	17890 (2009)	23	n/a
79	Pakistan	1.050 (2010)	0.1 (2009)	373 (2009)	1000 (2009)	33	23 (2005)
80	Philippines	1.050 (2010)	0.1 (2009)	520 (2009)	2050 (2009)	14	15 (2005)
81	Qatar	1.056 (2010)	0.1 (2009)	61 (2009)	n/a	25	n/a
82	Russia	1.060 (2010)	1 (2009)	132 (2009)	9340 (2009)	55	5 (2005)
83	Saudi Arabia	1.050 (2010)	0.01 (2009)	22 (2009)	17700 (2009)	24	5 (2005)
84	Singapore	1.077 (2010)	0.1 (2009)	43 (2009)	37220 (2009)	1	n/a
85	Sri Lanka	1.044 (2010)	0.1 (2009)	101 (2009)	1990 (2009)	7	21 (2005)
86	Syria	1.060 (2010)	0.1 (2009)	27 (2009)	2410 (2009)	33	5 (2005)
87	Tajikistan	1.050 (2010)	0.2 (2009)	373 (2009)	700 (2009)	38	26 (2005)
88	Thailand	1.054 (2010)	1.3 (2009)	189 (2009)	3760 (2009)	13	17 (2005)
89	Turkey	1.050 (2010)	0.1 (2009)	41 (2009)	8720 (2009)	39	5 (2005)
90	Turkmenistan	1.050 (2010)	0.1 (2009)	90 (2009)	3420 (2009)	38	6 (2005)
91	United Arab	1.050 (2010)	0.2 (2009)	7.1 (2009)	26370 (2009)	24	5 (2005)
92	Uzbekistan	1.060 (2010)	0.1 (2009)	227 (2009)	1100 (2009)	41	13 (2005)
93	Vietnam	1.115 (2010)	0.4 (2009)	333 (2009)	930 (2009)	21	13 (2005)
94	Yemen	1.050 (2010)	0.1 (2009)	85 (2009)	1060 (2009)	15	32 (2005)
European countries							
95	Albania	1.123	n/a	17	4000	41	5

		(2010)		(2009)	(2009)		(2005)
96	Andorra	1.066 (2010)	n/a	16 (2009)	41130 (2009)	42	n/a
97	Armenia	1.133 (2010)	0.1 (2009)	107 (2009)	3100 (2009)	40	23 (2005)
98	Austria	1.051 (2010)	0.3 (2009)	13 (2009)	46450 (2009)	48	5 (2005)
99	Azerbaijan	1.124 (2010)	0.1 (2009)	172 (2009)	4850 (2009)	40	11 (2005)
100	Belarus	1.062 (2010)	0.3 (2009)	58 (2009)	5560 (2009)	53	5 (2005)
101	Belgium	1.045 (2010)	0.2 (2009)	10 (2009)	45270 (2009)	50	5 (2005)
102	Bosnia	1.074 (2010)	0.1 (2009)	62 (2009)	4700 (2009)	43	5 (2005)
103	Bulgaria	1.060 (2010)	0.1 (2009)	51 (2009)	6060 (2009)	42	5 (2005)
104	Croatia	1.055 (2010)	0.1 (2009)	31 (2009)	13720 (2009)	45	5 (2005)
105	Cyprus	1.050 (2010)	0.1 (2009)	6.8 (2009)	26940 (2009)	35	5 (2005)
106	Czech Republic	1.059 (2010)	0.1 (2009)	11 (2009)	17310 (2009)	50	5 (2005)
107	Denmark	1.055 (2010)	0.2 (2009)	8.2 (2009)	59060 (2009)	55	5 (2005)
108	Estonia	1.063 (2010)	1.2 (2009)	33 (2009)	14060 (2009)	59	5 (2005)
109	Finland	1.040 (2010)	0.1 (2009)	12 (2009)	45940 (2009)	60	5 (2005)
110	France	1.051 (2010)	0.4 (2009)	7.3 (2009)	42620 (2009)	48	5 (2005)
111	Georgia	1.120 (2010)	0.1 (2009)	116 (2009)	2530 (2009)	41	12 (2005)
112	Germany	1.055 (2010)	0.1 (2009)	5.9 (2009)	42450 (2009)	52	5 (2005)
113	Greece	1.064 (2010)	0.1 (2009)	5.1 (2009)	29040 (2009)	37	5 (2005)
114	Hungary	1.057 (2010)	0.1 (2009)	20 (2009)	12980 (2009)	47	5 (2005)
115	Iceland	1.040 (2010)	0.3 (2009)	4 (2009)	43430 (2009)	64	5 (2005)
116	Ireland	1.057 (2010)	0.2 (2009)	10 (2009)	44280 (2009)	53	5 (2005)
117	Italy	1.066 (2010)	0.3 (2009)	7.7 (2009)	35110 (2009)	41	5 (2005)
118	Latvia	1.054 (2010)	0.7 (2009)	48 (2009)	12390 (2009)	56	5 (2005)
119	Lithuania	1.057 (2010)	0.1 (2009)	80 (2009)	11410 (2009)	54	5 (2005)
120	Luxembourg	1.066	0.3	11	76710	49	5

		(2010)	(2009)	(2009)	(2009)		(2005)
121	Macedonia	1.077 (2010)	0.1 (2009)	26 (2009)	4400 (2009)	41	n/a
122	Malta	1.058 (2010)	0.1 (2009)	12 (2009)	16690 (2009)	35	5 (2005)
123	Moldova	1.059 (2010)	0.4 (2009)	47 (2009)	1560 (2009)	47	n/a
124	Netherlands	1.052 (2010)	0.2 (2009)	9.7 (2009)	48460 (2009)	52	5 (2005)
125	Norway	1.054 (2010)	0.1 (2009)	7.3 (2009)	84640 (2009)	59	5 (2005)
126	Poland	1.061 (2010)	0.1 (2009)	32 (2009)	12260 (2009)	52	5 (2005)
127	Portugal	1.067 (2010)	0.6 (2009)	32 (2009)	21910 (2009)	38	5 (2005)
128	Romania	1.060 (2010)	0.1 (2009)	168 (2009)	8330 (2009)	44	n/a
129	San Marino	1.086 (2010)	n/a	n/a	50670 (2009)	43	5 (2005)
130	Serbia	1.065 (2010)	0.1 (2009)	25 (2009)	6000 (2009)	44	5 (2005)
131	Slovakia	1.051 (2010)	0.1 (2009)	10 (2009)	16130 (2009)	48	5 (2005)
132	Slovenia	1.066 (2010)	0.1 (2009)	14 (2009)	23520 (2009)	46	5 (2005)
133	Spain	1.065 (2010)	0.4 (2009)	19 (2009)	32120 (2009)	40	5 (2005)
134	Sweden	1.061 (2010)	0.1 (2009)	8.1 (2009)	48840 (2009)	59	5 (2005)
135	Switzerland	1.054 (2010)	0.4 (2009)	6 (2009)	65430 (2009)	46	5 (2005)
136	Ukraine	1.065 (2010)	1.1 (2009)	130 (2009)	2800 (2009)	50	5 (2005)
137	United Kingdom	1.052 (2010)	0.2 (2009)	15 (2009)	41370 (2009)	51	5 (2005)
North American countries							
138	Antigua	1.050 (2010)	n/a	8.8 (2009)	12130 (2009)	17	27 (2005)
139	Bahamas	1.030 (2010)	3.1 (2009)	14 (2009)	21390 (2009)	25	6 (2005)
140	Barbados	1.012 (2010)	1.4 (2009)	0.81 (2009)	9140 (2009)	13	5 (2005)
141	Belize	1.050 (2010)	2.3 (2009)	51 (2009)	3740 (2009)	17	5 (2005)
142	Canada	1.056 (2010)	0.2 (2009)	5.8 (2009)	41980 (2009)	45	5 (2005)
143	Costa Rica	1.050 (2010)	0.3 (2009)	11 (2009)	6260 (2009)	9	5 (2005)
144	Cuba	1.060 (2010)	0.1 (2009)	7.5 (2009)	5550 (2009)	23	5 (2005)

145	Dominica	1.050 (2010)	n/a	13 (2009)	4900 (2009)	15	5 (2005)
146	Dominican Republic	1.040 (2010)	0.9 (2009)	107 (2009)	4550 (2009)	18	21 (2005)
147	El Salvador	1.050 (2010)	0.8 (2009)	33 (2009)	3370 (2009)	13	10 (2005)
148	Grenada	1.097 (2010)	n/a	4.7 (2009)	5580 (2009)	12	23 (2005)
149	Guatemala	1.050 (2010)	0.8 (2009)	104 (2009)	2650 (2009)	14	16 (2005)
150	Haiti	1.011 (2010)	1.9 (2009)	312 (2009)	n/a	18	58 (2005)
151	Honduras	1.050 (2010)	0.8 (2009)	81 (2009)	1800 (2009)	14	12 (2005)
152	Jamaica	1.050 (2010)	1.7 (2009)	7.7 (2009)	4590 (2009)	18	5 (2005)
153	Mexico	1.050 (2010)	0.3 (2009)	19 (2009)	8960 (2009)	19	5 (2005)
154	Nicaragua	1.050 (2010)	0.2 (2009)	53 (2009)	1000 (2009)	12	21 (2005)
155	Panama	1.045 (2010)	0.9 (2009)	54 (2009)	6570 (2009)	9	17 (2005)
156	St. Kitts	1.020 (2010)	n/a	n/a	10150 (2009)	17	15 (2005)
157	St. Lucia	1.055 (2010)	n/a	16 (2009)	5190 (2009)	14	8 (2005)
158	St. Vincent	1.030 (2010)	n/a	25 (2009)	5130 (2009)	13	6 (2005)
159	Trinidad and Tobago	1.028 (2010)	1.5 (2009)	23 (2009)	16700 (2009)	11	10
160	USA	1.047 (2010)	0.6 (2009)	4.5 (2009)	46360 (2009)	39	5 (2005)
Oceania Countries							
161	Australia	1.055 (2010)	0.1 (2009)	7.8 (2009)	43770 (2009)	35	5 (2005)
162	Fiji	1.050 (2010)	0.1 (2009)	26 (2009)	3840 (2009)	18	5 (2005)
163	Kiribati	1.050 (2010)	n/a	288 (2009)	1830 (2009)	1	5 (2005)
164	Marshall	1.050 (2010)	n/a	231	3060 (2009)	9	n/a
165	Micronesia	1.050 (2010)	n/a	155 (2009)	2500 (2009)	6	n/a
166	New Zealand	1.048 (2010)	0.1 (2009)	9.7 (2009)	27260 (2009)	41	5 (2005)
167	Palau	1.065 (2010)	n/a	83 (2009)	6220 (2009)	7	n/a
168	Papua New Guinea	1.059 (2010)	0.9 (2009)	337 (2009)	1180 (2009)	9	n/a
169	Samoa	1.050	n/a	33	2840	13	5

		(2010)		(2009)	(2009)		(2005)
170	Solomon Islands	1.050 (2010)	n/a	185 (2009)	910 (2009)	9	9 (2005)
171	Tonga	1.050 (2010)	n/a	44 (2009)	3260 (2009)	21	n/a
172	Vanuatu	1.050 (2010)	n/a	110 (2009)	2620 (2009)	17	6 (2005)
South American Countries							
173	Argentina	1.052 (2010)	0.5 (2009)	40 (2009)	7550 (2009)	36	5(2005)
174	Bolivia	1.050 (2010)	0.2 (2009)	216 (2009)	1630 (2009)	16	23(2005)
175	Brazil	1.050 (2010)	n/a	50 (2009)	8040 (2009)	15	6(2005)
176	Chile	1.050 (2010)	0.4 (2009)	15 (2009)	9470 (2009)	33	5(2005)
177	Colombia	1.060 (2010)	0.5 (2009)	49 (2009)	4990 (2009)	4	10(2005)
178	Ecuador	1.050 (2010)	0.4 (2009)	112 (2009)	3970 (2009)	0	13 (2005)
179	Guyana	1.050 (2010)	1.2 (2009)	127 (2009)	1450 (2009)	6	6 (2005)
180	Paraguay	1.050 (2010)	0.3 (2009)	66 (2009)	2250 (2009)	25	12 (2005)
181	Peru	1.046 (2010)	0.4 (2009)	126 (2009)	4200 (2009)	12	13 (2005)
182	Suriname	1.068 (2010)	1 (2009)	208 (2009)	4760 (2009)	5	7 (2005)
183	Uruguay	1.037 (2010)	0.5 (2009)	23 (2009)	9010 (2009)	34	5 (2005)
184	Venezuela	1.050 (2010)	n/a	48 (2009)	10090 (2009)	10	12 (2005)

Data Sources

The World Health Organisation (2010). "Tuberculosis prevalence (2009 estimates)." Retrieved 28 December 2010, from: <http://apps.who.int/ghodata/>

The World Health Organisation (2010). "HIV/AIDS prevalence (2009 estimates)." Retrieved 26 August 2011, from: <http://apps.who.int/ghodata/>

The Central Intelligence Agency (2010). "Country data (2009/2010 estimates)." Retrieved 28 December 2010, from: <https://www.cia.gov/library/publications/the-world-factbook/index.html>.

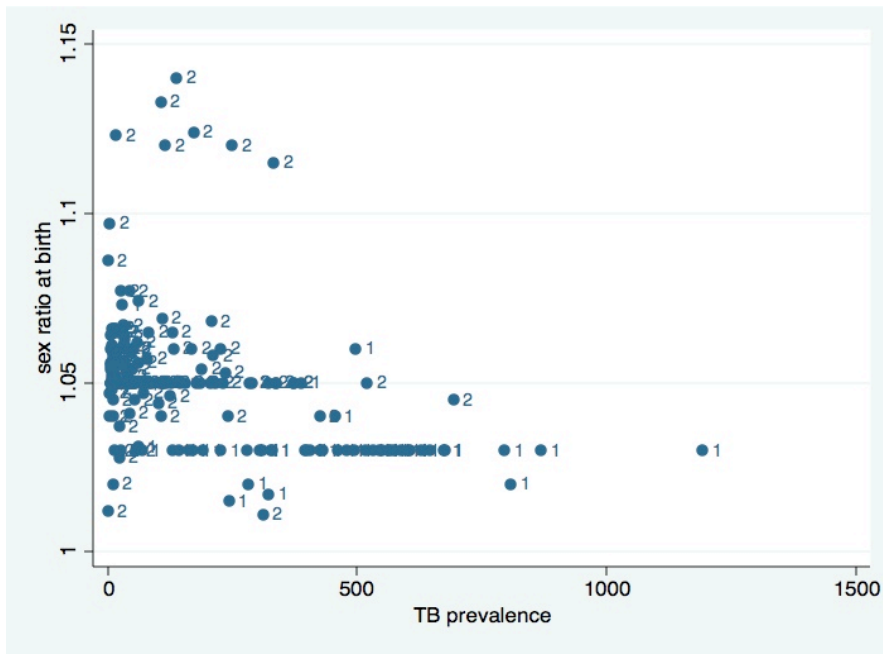
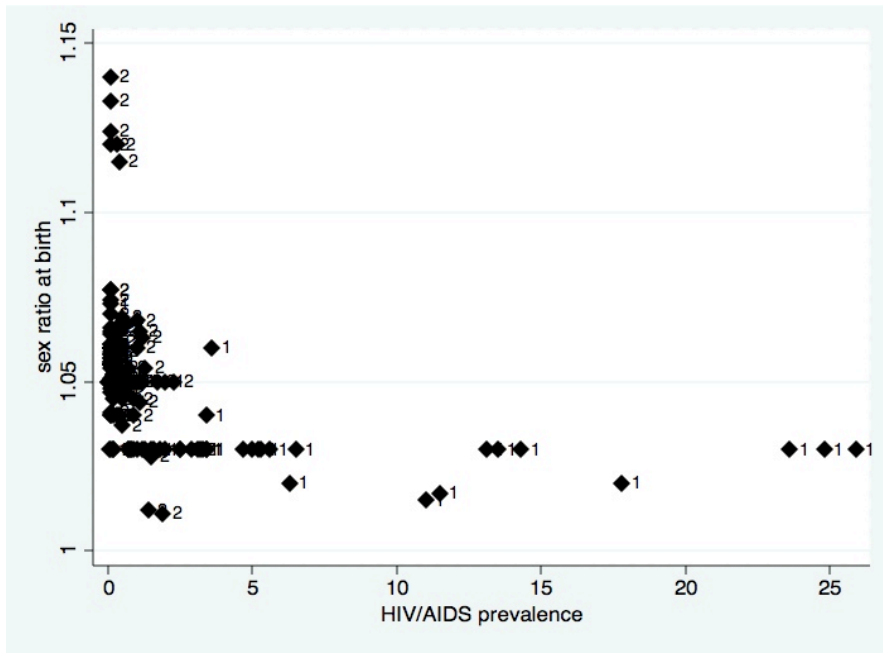
The United Nations Statistics Division (2010). "Malnutrition prevalence (2005 estimates)." Retrieved

29December2010from:<http://data.un.org/Data.aspx?q=undernourished&d=MDG&f=seriesRowID%3a566>

The World Bank (2011). "GNP per capita (2009 estimates)." Retrieved 11 May 2011, from: <http://data.worldbank.org/indicator/NY.GNP.PCAP.CD>.

The World Atlas (2011). "Country Latitudes." Retrieved 11 May 2011, from: <http://www.worldatlas.com/>.

[Scatter plots of raw data used in analyses of associations with sex ratio and prevalence of HIV/AIDS and Tuberculosis](#)



[1= Data from African country](#)
[2 = Data from non-African country](#)