

## **Results appendix to Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019**

This appendix provides supplemental figures and tables.

## **List of supplementary figures and tables**

**Supplementary figure 1. Map of the UHC effective coverage index, by decile, in 1990.** Deciles are based on the distribution of UHC effective coverage index values in 2019. Where lower and upper bounds of deciles appear to overlap, they should be interpreted as values up to but not equalling the upper bound in the preceding decile (ie, exclusive of the upper bound value) and values equalling the lower bound of the following decile (ie, inclusive of the lower bound value). UHC=universal health coverage.

**Supplementary figure 2. Map of the UHC effective coverage index, by decile, in 2010.** Deciles are based on the distribution of UHC effective coverage index values in 2019. Where lower and upper bounds of deciles appear to overlap, they should be interpreted as values up to but not equalling the upper bound in the preceding decile (ie, exclusive of the upper bound value) and values equalling the lower bound of the following decile (ie, inclusive of the lower bound value). UHC=universal health coverage.

**Supplementary figure 3. UHC effective coverage index frontier relative to total health spending per capita (A) and log-transformed total health spending per capita (B).** Total health spending per capita includes government health expenditures, prepaid private expenditures, out-of-pocket expenditures, and development assistance for health. All health spending estimates are for 2017 measured in 2019 PPP dollars adjusted for inflation. The black line represents the frontier values estimated for UHC effective coverage in 2019 relative to spending per capita in 2017. Locations are colour-coded by GBD super-region, with a subset abbreviated according to their ISO3 codes. UHC=universal health coverage. GBD=Global Burden of Disease. PPP=purchasing-power parity.

**Supplementary figure 4. UHC effective coverage index frontier relative to domestic pooled health spending per capita (A) and log-transformed domestic pooled health spending per capita (B).** Domestic pooled health spending per capita includes government health expenditures and prepaid private expenditures. All health spending estimates are for 2017 measured in 2019 PPP dollars adjusted for inflation. The black line represents the frontier values estimated for UHC effective coverage in 2019 relative to spending per capita in 2017. Locations are colour-coded by GBD super-region, with a subset abbreviated according to their ISO3 codes. UHC=universal health coverage. GBD=Global Burden of Disease. PPP=purchasing-power parity.

**Supplementary figure 5. Comparing the UHC effective coverage index in 2019 with GBD 2017 UHC service coverage index in 2017.** Locations are colour-coded by GBD super-region, and are abbreviated according to their ISO3 codes. UHC=universal health coverage. GBD=Global Burden of Disease.

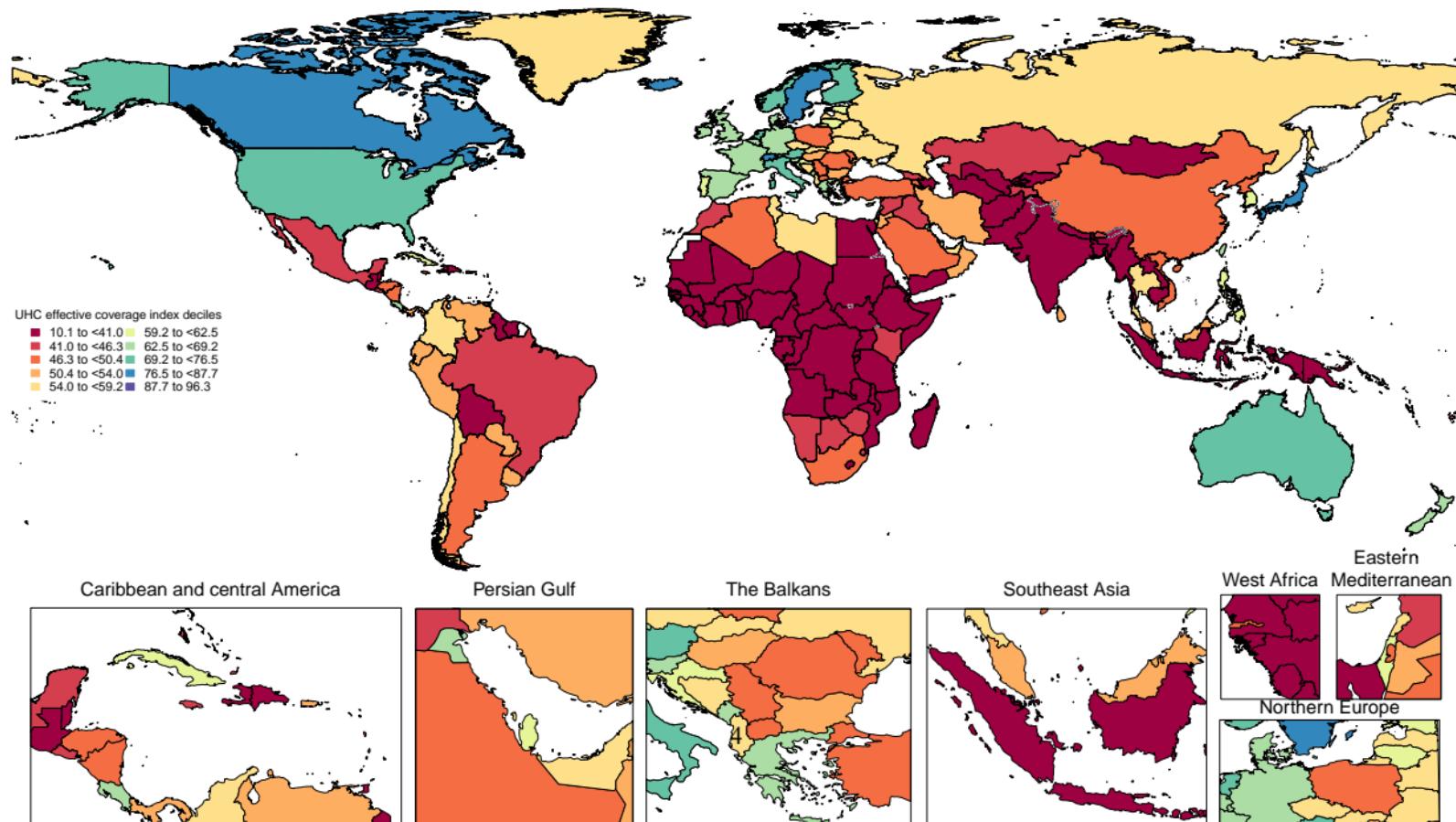
**Supplementary figure 6. Comparing the UHC effective coverage index in 2019 with UHC SCI in 2017.** Locations are colour-coded by GBD super-region, and are abbreviated according to their ISO3 codes. UHC SCI is used to measure SDG indicator 3.8.1 for UHC service coverage, with WHO as its custodial agency. UHC=universal health coverage. SCI=service coverage index. GBD=Global Burden of Disease. SDG=Sustainable Development Goal.

**Supplementary figure 7. Comparing the UHC effective coverage index in 2019 with the World Bank service coverage index.** Locations are colour-coded by GBD super-region, and are abbreviated according to their ISO3 codes. The World Bank's service coverage index is reported for the most recent year for each country. UHC=universal health coverage. GBD=Global Burden of Disease.

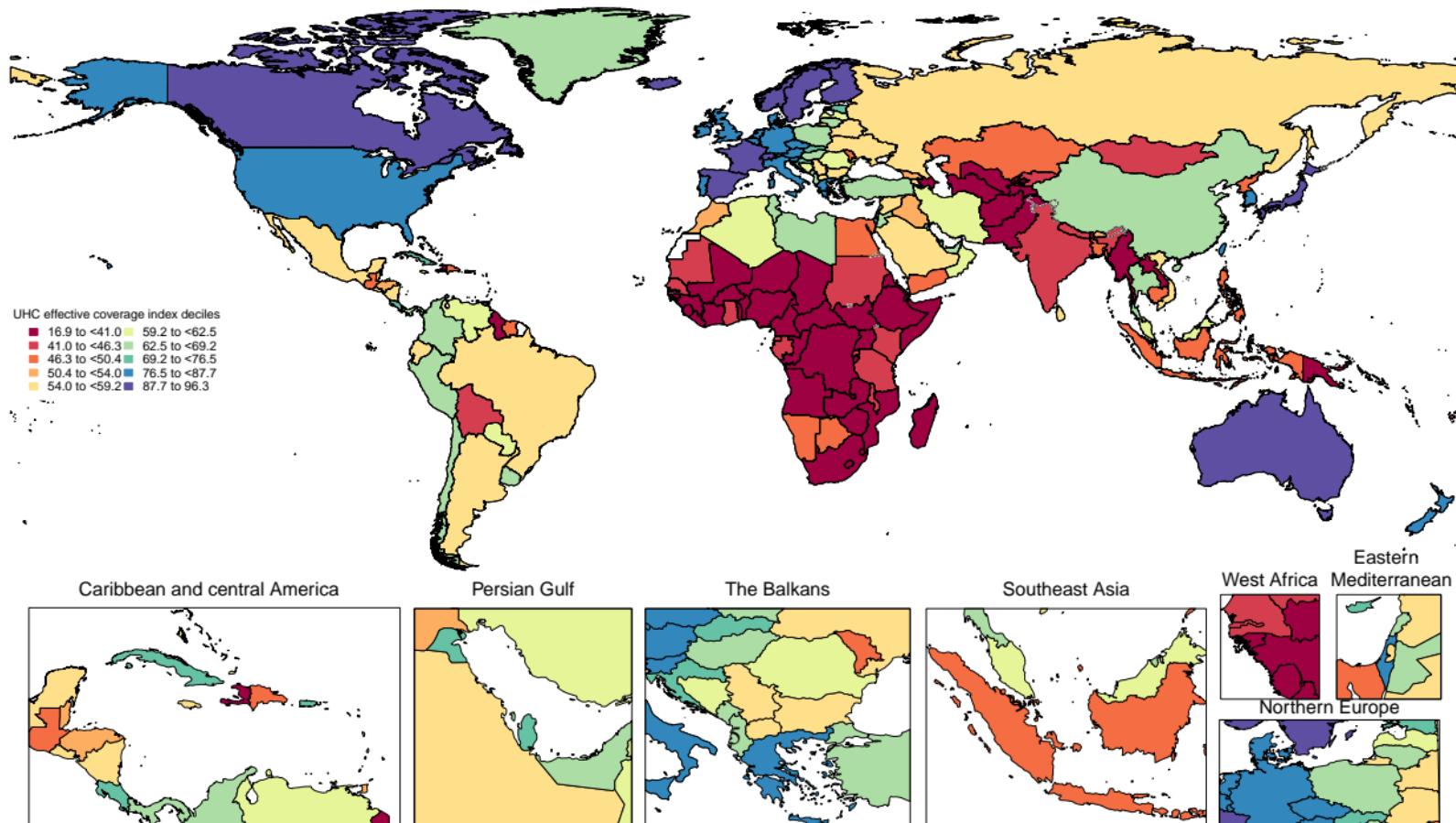
**Supplementary table 1. Health gain weights, by effective coverage indicator, for each location in 2019.** Estimation of health gain weights are further detailed within the methods appendix. FP=family planning. MCV1=measles-containing vaccine, 1 dose. DTP3=diphtheria, tetanus, pertussis vaccine, 3 doses. LRI=lower respiratory infection. ART=antiretroviral therapy. TB=tuberculosis. IHD=ischaemic heart disease. CKD=chronic kidney disease. COPD=chronic obstructive pulmonary disease.

**Supplementary table 2. UHC effective coverage index values for 1990, 2010, and 2019, and annualised rates of change for 1990-2019, 1990-2010, and 2010-2019.** All estimates are accompanied by 95% uncertainty intervals in parentheses. Annualised rate of change is reported in terms of percentages. UHC=universal health coverage.

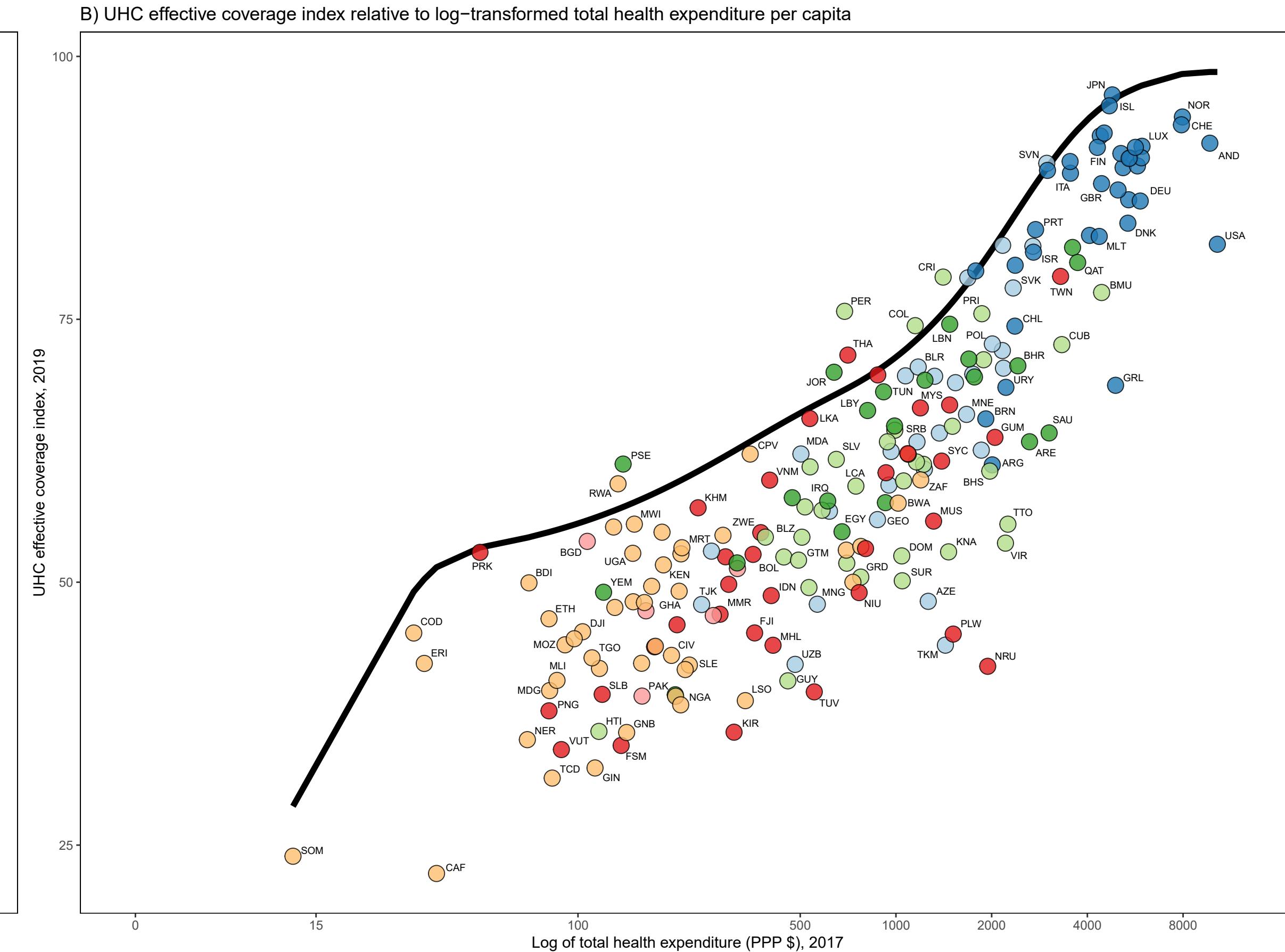
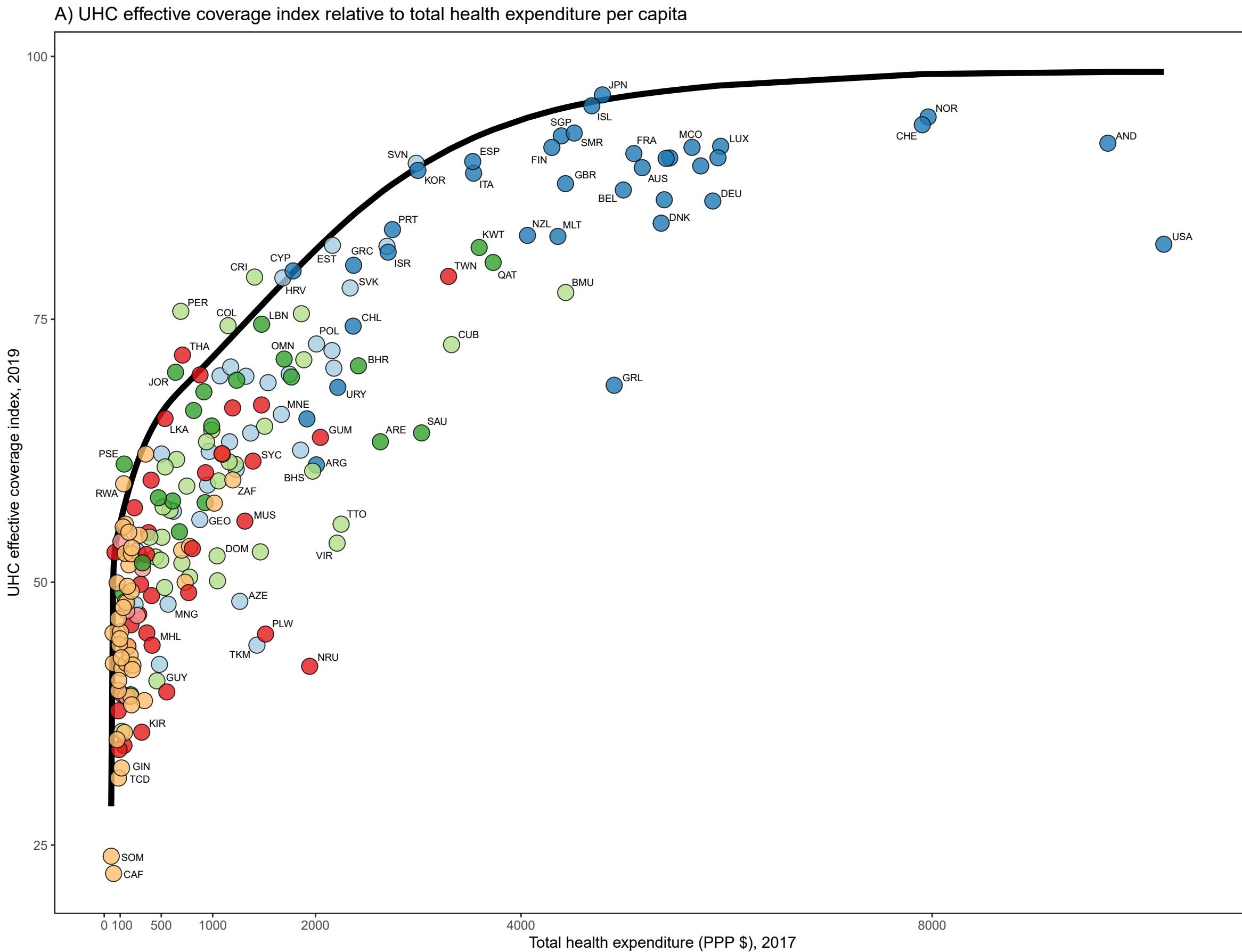
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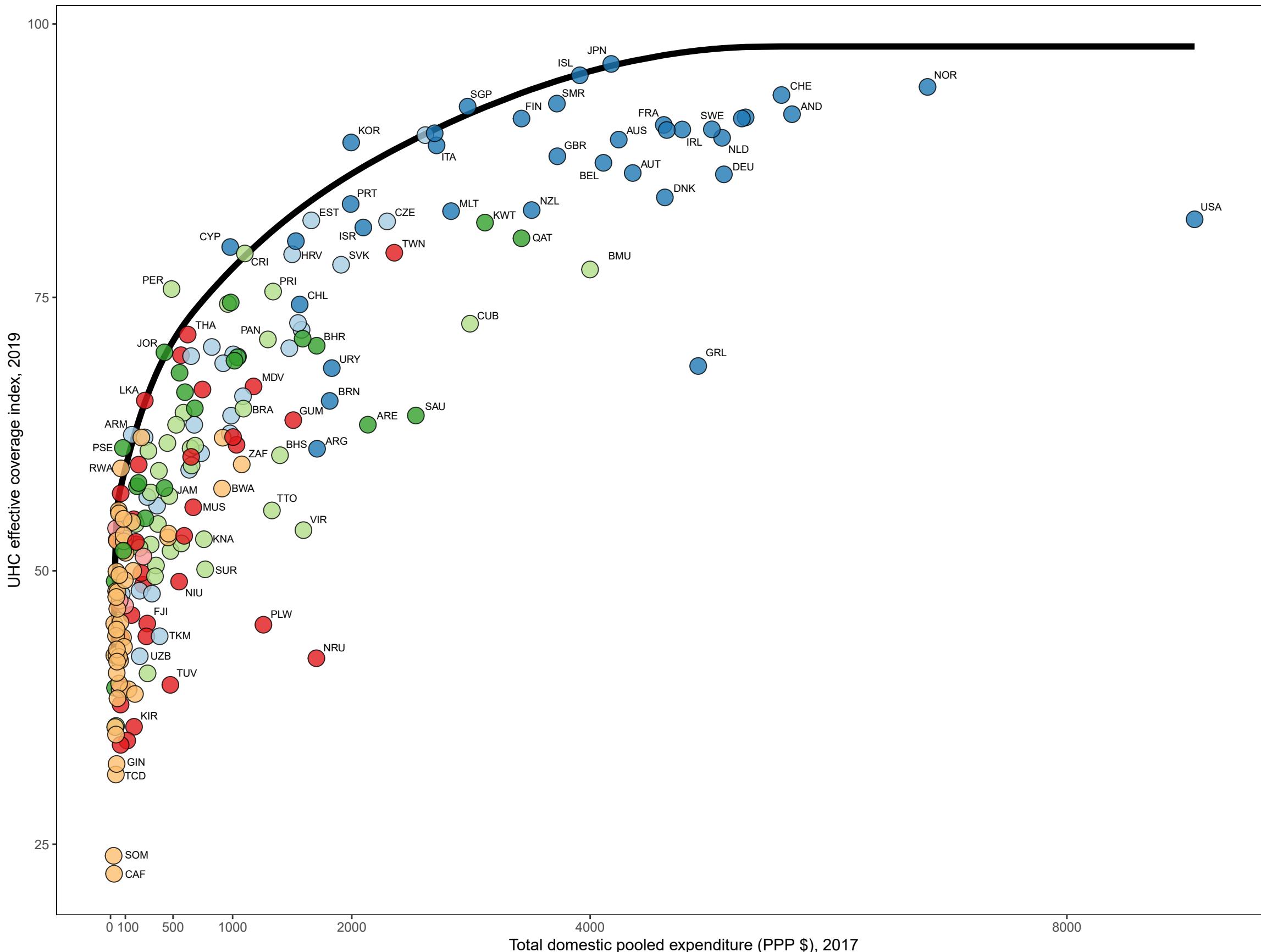


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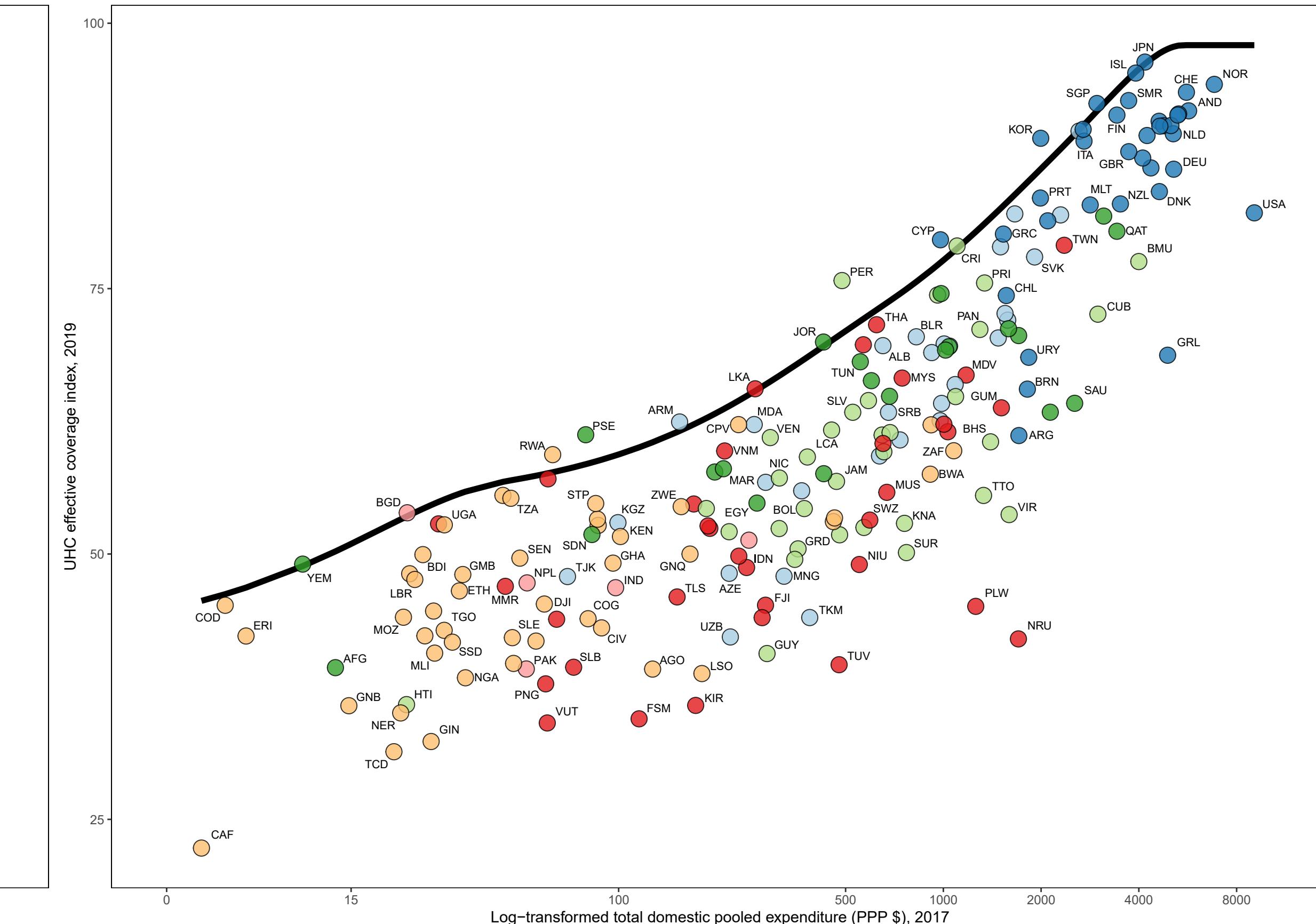


**Supplementary figure 4. UHC effective coverage index frontier relative to domestic pooled health spending per capita (A) and log-transformed domestic pooled health spending per capita (B).** Domestic pooled health spending per capita includes government health expenditures and prepaid private expenditures. All health spending estimates are for 2017 measured in 2019 PPP dollars adjusted for inflation. The black line represents the frontier values estimated for UHC effective coverage in 2019 relative to spending per capita in 2017. Locations are colour-coded by GBD super-region, with a subset abbreviated according to their ISO3 codes. UHC=universal health coverage. GBD=Global Burden of Disease. PPP=purchasing-power parity.

A) UHC effective coverage index relative to domestic pooled health spending per capita



B) UHC effective coverage index relative to log-transformed domestic pooled health spending per capita



GBD super-region

Central Europe, Eastern Europe, and Central Asia

High-income

Latin America and Caribbean

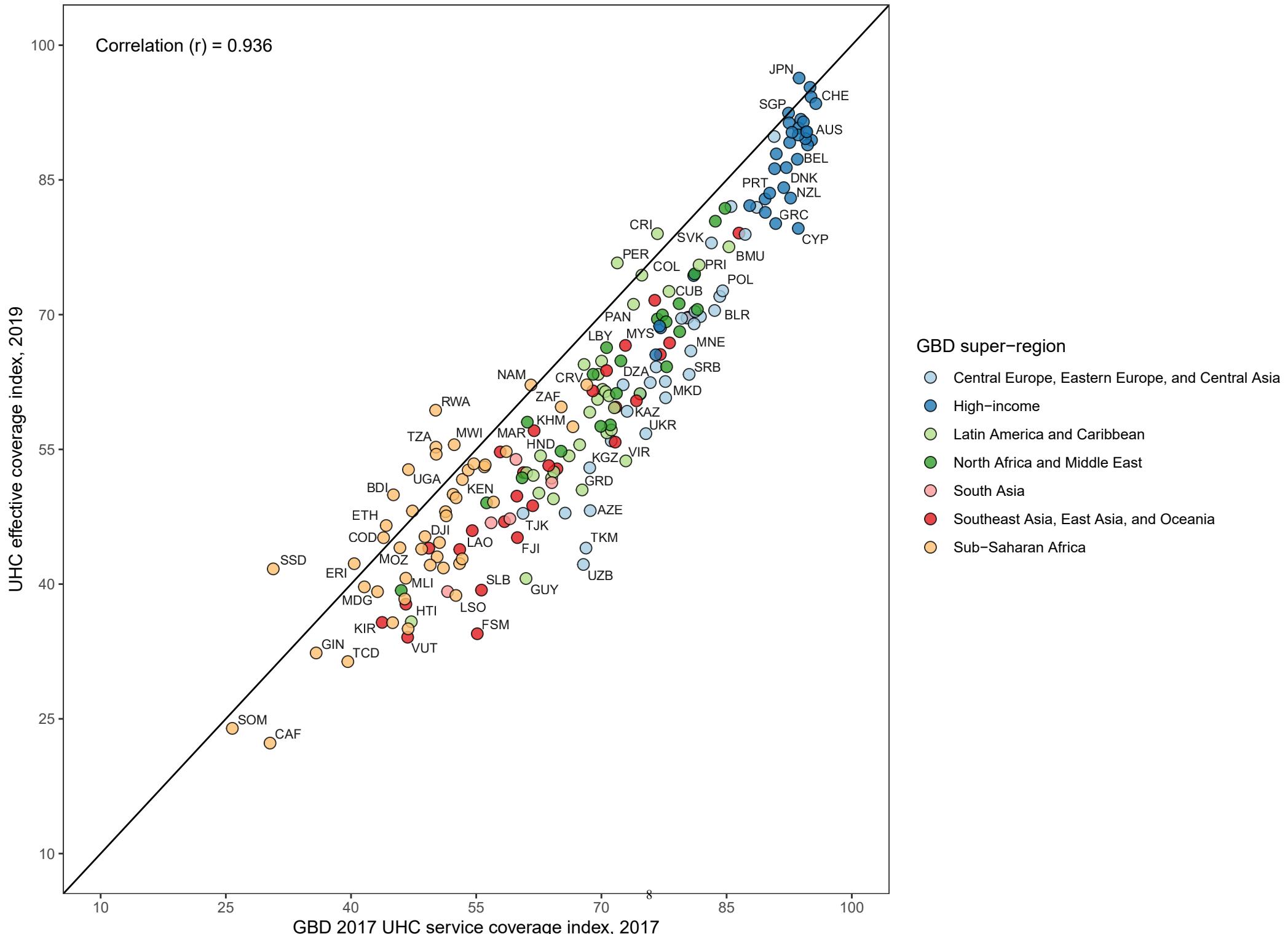
North Africa and Middle East

South Asia

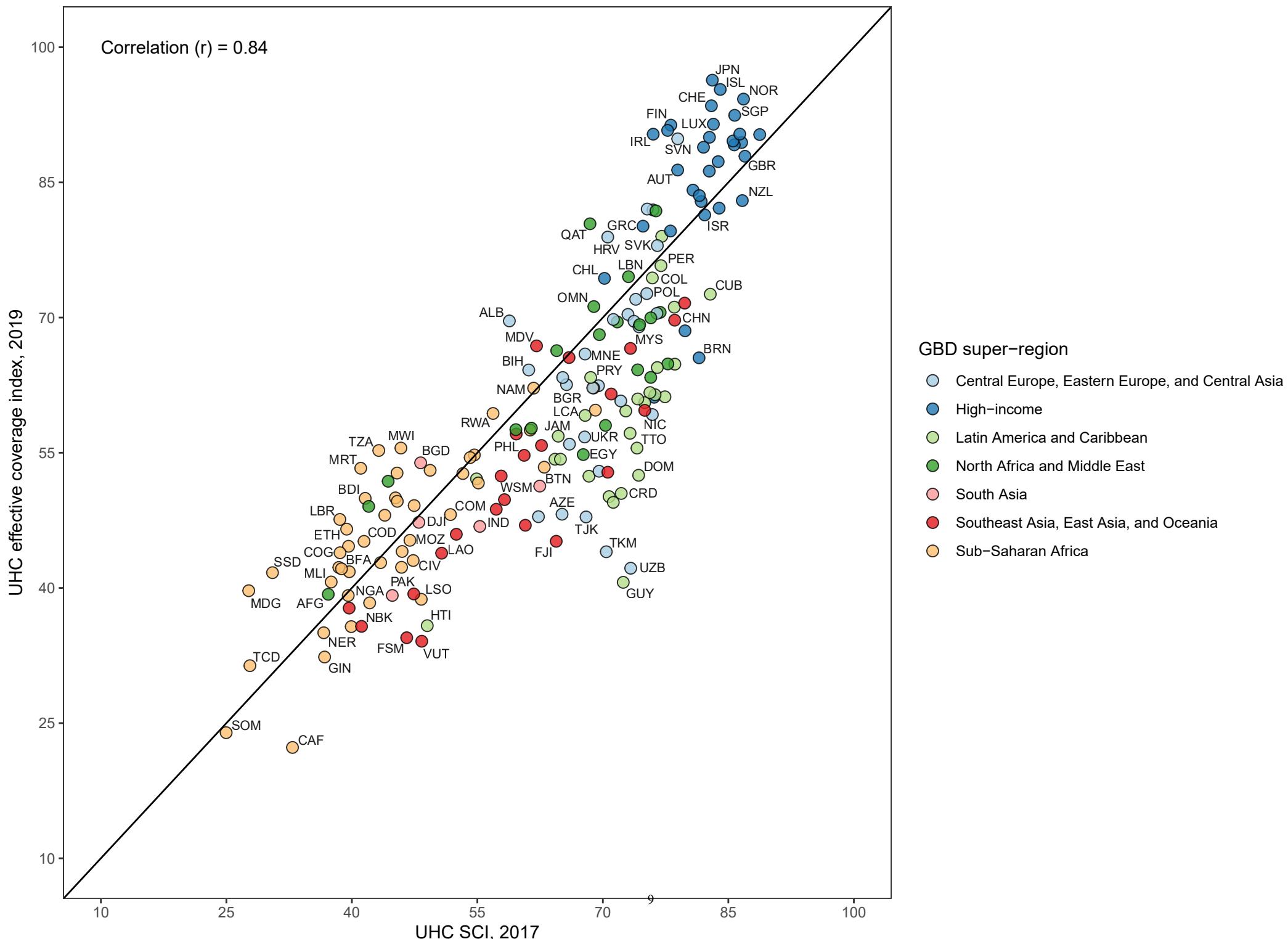
Southeast Asia, East Asia, and Oceania

Sub-Saharan Africa

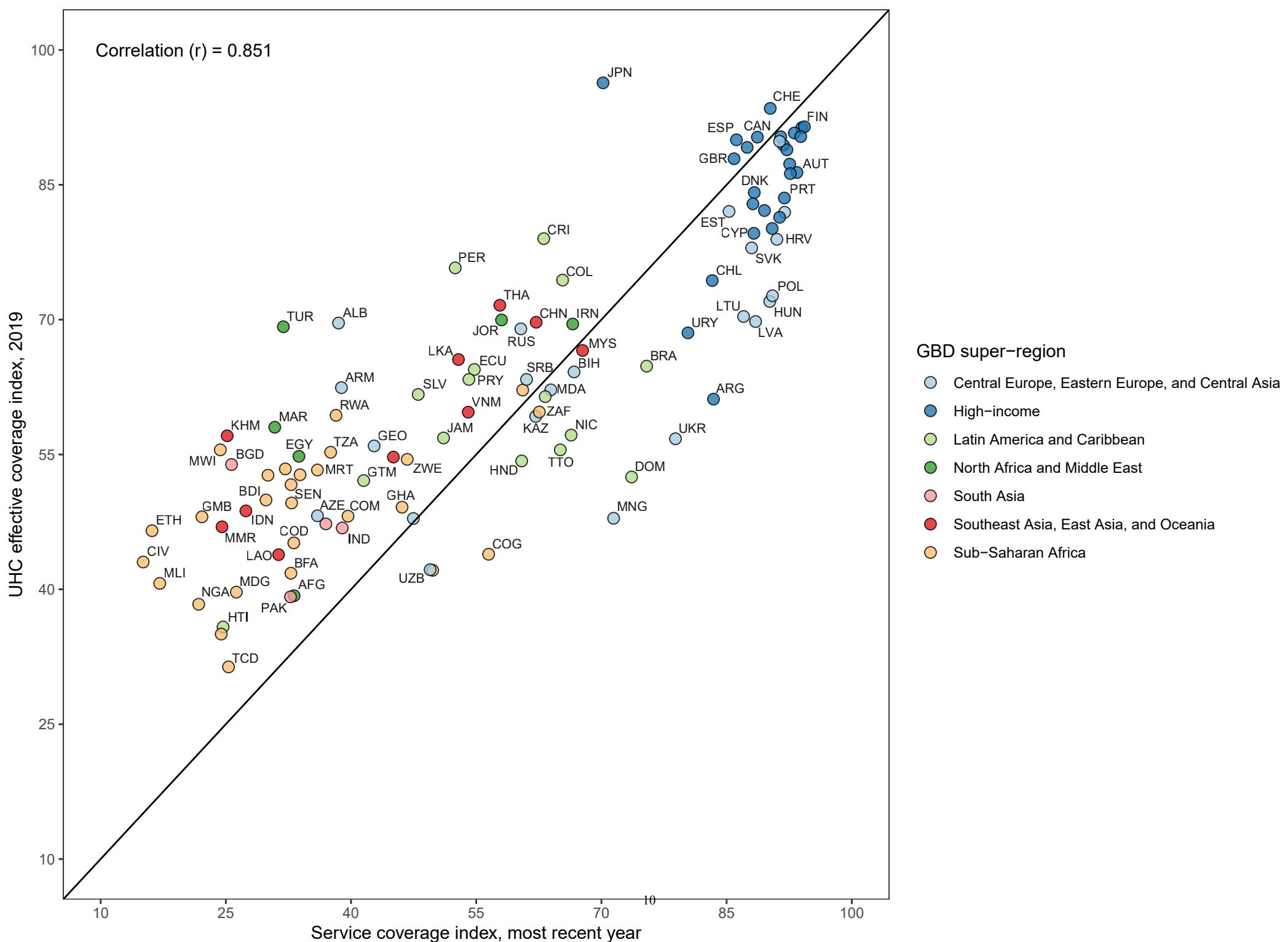
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**Supplementary table 1. Health gain weights, by effective coverage indicator, for each location in 2019.** Estimation of health gain weights are further detailed within the methods appendix. FP=family planning. MCV1=measles-containing vaccine, 1 dose. DTP3=diphtheria, tetanus, pertussis vaccine, 3 doses. LRI=lower respiratory infection. ART=antiretroviral therapy. TB=tuberculosis. IHD=ischaemic heart disease. CKD=chronic kidney disease. COPD=chronic obstructive pulmonary disease.

	Met need for FP with modern contraception	Antenatal, peripartum and postpartum care for newborns	Antenatal, peripartum and postpartum care for mothers	MCV1 coverage	DTP3 coverage	Diarrhoea treatment	LRI treatment	ART coverage	TB treatment	Acute lymphoid leukaemia treatment	Breast cancer treatment	Cervical cancer treatment	Uterine cancer treatment	Colon/rectum cancer treatment	IHD treatment	Stroke treatment	Diabetes treatment	CKD treatment	COPD treatment	Asthma treatment	Epilepsy treatment	Appendicitis treatment
Afghanistan	0.000	0.068	0.068	0.068	0.068	0.068	0.004	0.071	0.003	0.003	0.003	0.003	0.003	0.137	0.137	0.071	0.071	0.071	0.003	0.006	0.006	
Albania	0.001	0.063	0.001	0.001	0.007	0.063	0.063	0.003	0.008	0.008	0.070	0.064	0.014	0.127	0.127	0.070	0.127	0.014	0.007	0.015	0.003	
Algeria	0.001	0.063	0.008	0.008	0.063	0.063	0.063	0.009	0.064	0.002	0.071	0.008	0.002	0.071	0.126	0.126	0.071	0.126	0.015	0.008	0.016	0.009
American Samoa	0.001	0.060	0.010	0.060	0.010	0.060	0.060	0.012	0.011	0.002	0.070	0.011	0.020	0.070	0.121	0.121	0.121	0.121	0.020	0.010	0.012	0.003
Andorra	0.001	0.007	0.001	0.001	0.001	0.007	0.007	0.009	0.008	0.008	0.127	0.071	0.071	0.127	0.127	0.071	0.127	0.071	0.007	0.009	0.002	
Angola	0.001	0.067	0.067	0.067	0.067	0.067	0.067	0.134	0.071	0.001	0.005	0.005	0.001	0.005	0.071	0.133	0.071	0.071	0.005	0.004	0.009	0.005
Antigua and Barbuda	0.001	0.012	0.001	0.001	0.001	0.058	0.058	0.060	0.014	0.002	0.070	0.070	0.025	0.070	0.115	0.115	0.115	0.025	0.012	0.015	0.015	
Argentina	0.001	0.055	0.015	0.001	0.001	0.015	0.055	0.058	0.016	0.003	0.070	0.070	0.016	0.111	0.111	0.070	0.111	0.030	0.015	0.018	0.018	
Armenia	0.001	0.060	0.001	0.001	0.001	0.060	0.060	0.013	0.060	0.002	0.071	0.071	0.022	0.071	0.119	0.119	0.119	0.071	0.022	0.011	0.013	0.013
Australia	0.001	0.008	0.001	0.001	0.001	0.008	0.008	0.010	0.009	0.002	0.125	0.071	0.016	0.125	0.125	0.071	0.125	0.071	0.015	0.063	0.010	0.010
Austria	0.001	0.008	0.001	0.001	0.001	0.008	0.008	0.010	0.009	0.009	0.124	0.017	0.017	0.124	0.124	0.017	0.124	0.008	0.010	0.002		
Azerbaijan	0.001	0.065	0.001	0.001	0.065	0.065	0.065	0.008	0.071	0.001	0.071	0.007	0.007	0.071	0.129	0.129	0.071	0.071	0.016	0.006	0.013	0.008
Bahrain	0.001	0.008	0.001	0.001	0.008	0.062	0.062	0.010	0.063	0.002	0.070	0.009	0.009	0.070	0.125	0.125	0.070	0.008	0.017	0.010		
Bangladesh	0.001	0.061	0.009	0.009	0.061	0.061	0.003	0.070	0.002	0.070	0.010	0.002	0.018	0.123	0.123	0.070	0.070	0.001	0.011	0.019		
Barbados	0.001	0.011	0.001	0.001	0.001	0.011	0.011	0.061	0.012	0.002	0.118	0.070	0.023	0.118	0.118	0.070	0.118	0.023	0.011	0.013		
Belarus	0.001	0.007	0.001	0.001	0.001	0.007	0.065	0.064	0.001	0.127	0.071	0.014	0.127	0.127	0.071	0.071	0.071	0.014	0.064	0.008	0.008	
Belgium	0.001	0.009	0.001	0.001	0.001	0.009	0.009	0.011	0.010	0.010	0.124	0.018	0.018	0.124	0.124	0.018	0.124	0.009	0.011	0.003	0.003	
Belize	0.001	0.061	0.009	0.001	0.001	0.061	0.071	0.062	0.003	0.062	0.070	0.011	0.018	0.122	0.122	0.070	0.122	0.018	0.009	0.020	0.012	
Benin	0.003	0.068	0.068	0.068	0.068	0.068	0.068	0.136	0.071	0.001	0.004	0.004	0.001	0.004	0.135	0.135	0.006	0.071	0.006	0.003	0.007	0.002
Bermuda	0.001	0.008	0.001	0.001	0.001	0.008	0.008	0.064	0.009	0.002	0.125	0.071	0.016	0.125	0.125	0.071	0.125	0.016	0.008	0.010		
Bhutan	0.001	0.060	0.010	0.001	0.010	0.060	0.060	0.070	0.003	0.012	0.012	0.003	0.021	0.119	0.119	0.070	0.120	0.119	0.001	0.013	0.022	
Bolivia	0.002	0.061	0.008	0.002	0.061	0.061	0.065	0.070	0.010	0.002	0.070	0.018	0.013	0.070	0.122	0.122	0.017	0.008	0.012	0.019		
Bosnia and Herzegovina	0.001	0.008	0.001	0.001	0.008	0.008	0.008	0.002	0.016	0.001	0.125	0.071	0.016	0.125	0.125	0.016	0.125	0.016	0.002	0.010	0.002	
Botswana	0.000	0.069	0.002	0.065	0.069	0.069	0.069	0.207	0.071	0.001	0.002	0.069	0.001	0.004	0.138	0.138	0.071	0.071	0.004	0.002	0.003	0.001
Brazil	0.001	0.059	0.011	0.001	0.001	0.059	0.059	0.061	0.070	0.003	0.070	0.060	0.013	0.070	0.117	0.117	0.070	0.070	0.023	0.011	0.014	0.014
Brunei	0.001	0.061	0.001	0.001	0.010	0.010	0.061	0.012	0.062	0.070	0.011	0.121	0.121	0.121	0.070	0.070	0.019	0.010	0.012	0.012		
Bulgaria	0.001	0.008	0.001	0.001	0.001	0.008	0.008	0.063	0.009	0.001	0.126	0.071	0.071	0.126	0.126	0.071	0.126	0.016	0.008	0.009	0.009	
Burkina Faso	0.003	0.068	0.068	0.068	0.068	0.068	0.068	0.137	0.071	0.001	0.003	0.069	0.001	0.003	0.136	0.136	0.071	0.006	0.071	0.003	0.006	0.001
Burundi	0.003	0.068	0.068	0.068	0.068	0.068	0.068	0.136	0.135	0.001	0.004	0.004	0.001	0.004	0.135	0.135	0.006	0.071	0.006	0.003	0.007	0.002
Cambodia	0.001	0.064	0.007	0.064	0.064	0.064	0.064	0.066	0.072	0.002	0.008	0.008	0.008	0.003	0.127	0.127	0.070	0.070	0.013	0.007	0.009	0.009
Cameroon	0.001	0.067	0.067	0.067	0.067	0.067	0.067	0.138	0.071	0.001	0.004	0.004	0.001	0.004	0.134	0.134	0.071	0.007	0.004	0.008	0.002	
Canada	0.001	0.009	0.001	0.001	0.009	0.009	0.010	0.009	0.009	0.001	0.125	0.071	0.071	0.125	0.125	0.071	0.125	0.071	0.009	0.010	0.002	
Cape Verde	0.002	0.060	0.010	0.060	0.060	0.060	0.071	0.070	0.004	0.062	0.012	0.004	0.020	0.119	0.119	0.070	0.120	0.020	0.010	0.022	0.005	
Central African Republic	0.000	0.068	0.068	0.068	0.068	0.068	0.068	0.139	0.136	0.001	0.003	0.003	0.001	0.003	0.071	0.071	0.071	0.006	0.003	0.006	0.001	
Chad	0.002	0.069	0.069	0.069	0.069	0.069	0.069	0.138	0.071	0.001	0.002	0.002	0.001	0.002	0.128	0.128	0.004	0.004	0.002	0.004	0.001	
Chile	0.002	0.056	0.002	0.002	0.002	0.014	0.056	0.060	0.027	0.003	0.070	0.070	0.015	0.112	0.112	0.070	0.112	0.027	0.014	0.017	0.017	
China	0.001	0.008	0.001	0.000	0.008	0.008	0.062	0.010	0.070	0.009	0.070	0.009	0.009	0.124	0.124	0.070	0.124	0.008	0.010	0.003	0.003	
Colombia	0.002	0.057	0.012	0.002	0.002	0.057	0.057	0.061	0.015	0.004	0.070	0.070	0.015	0.126	0.126	0.071	0.126	0.016	0.006	0.009	0.009	
Comoros	0.001	0.065	0.005	0.065	0.065	0.065	0.065	0.135	0.071	0.002	0.007	0.007	0.002	0.007	0.129	0.129	0.071	0.071	0.005	0.011	0.003	0.003
Congo (Brazzaville)	0.001	0.065	0.006	0.065	0.065	0.065	0.065	0.135	0.071	0.001	0.005	0.005	0.001	0.005	0.131	0.131	0.071	0.071	0.006	0.012	0.002	0.002
Cook Islands	0.001	0.009	0.001	0.009	0.009	0.009	0.061	0.063	0.019	0.002	0.002	0.007	0.002	0.007	0.122	0.122	0.070	0.070	0.009	0.011	0.003	0.003
Costa Rica	0.002	0.057	0.002	0.002	0.002	0.057	0.057	0.060	0.014	0.014	0.070	0.059	0.014	0.070	0.114	0.114	0.070	0.114	0.025	0.013	0.027	0.016
Croatia	0.001	0.008	0.001	0.001	0.001	0.008	0.008	0.009	0.016	0.001	0.126	0.071	0.071	0.126	0.126	0.071	0.126	0.016	0.008	0.009	0.002	
Cuba	0.001	0.012	0.001	0.001	0.012	0.012	0.060	0.013	0.013	0.002	0.071	0.071	0.011	0.117	0.117	0.071	0.117	0.024	0.012	0.014	0.014	
Cyprus	0.001	0.008	0.001	0.001	0.001	0.008	0.008	0.002	0.008	0.008	0.126	0.015	0.015	0.126	0.126	0.015	0.126	0.071	0.007	0.009	0.002	
Czech Republic	0.001	0.007	0.007	0.001	0.001	0.007	0.007	0.009	0.009	0.001	0.127	0.071	0.014	0.127	0.127	0.071	0.127	0.071	0.007	0.009	0.002	
Côte d'Ivoire	0.001	0.067	0.067	0.067	0.067	0.067	0.067	0.138	0.071	0.001	0.004	0.004	0.001	0.004	0.135	0.135	0.071	0.071	0			

	Met need for FP with modern contraception	Antenatal, peripartum and postnatal care for newborns	Antenatal, postpartum and postnatal care for mothers	MCV1 coverage	DTP3 coverage	Diarrhoea treatment	LRI treatment	ART coverage	TB treatment	Acute lymphoid leukaemia treatment	Breast cancer treatment	Cervical cancer treatment	Uterine cancer treatment	Colon/rectum cancer treatment	IHD treatment	Stroke treatment	Diabetes treatment	CKD treatment	COPD treatment	Asthma treatment	Epilepsy treatment	Appendicitis treatment
Jamaica	0.001	0.060	0.001	0.001	0.010	0.060	0.071	0.011	0.003	0.070	0.070	0.019	0.070	0.121	0.121	0.121	0.019	0.010	0.013	0.013	0.013	
Japan	0.001	0.006	0.001	0.001	0.001	0.006	0.002	0.012	0.007	0.130	0.071	0.071	0.130	0.071	0.130	0.071	0.071	0.006	0.007	0.007	0.007	
Jordan	0.001	0.061	0.007	0.007	0.064	0.064	0.064	0.002	0.008	0.002	0.071	0.008	0.008	0.071	0.127	0.071	0.127	0.014	0.064	0.015	0.009	
Kazakhstan	0.001	0.061	0.009	0.001	0.001	0.061	0.061	0.011	0.062	0.002	0.071	0.062	0.018	0.071	0.123	0.071	0.123	0.009	0.019	0.011	0.011	
Kenya	0.000	0.067	0.067	0.004	0.067	0.067	0.067	0.067	0.138	0.135	0.001	0.004	0.004	0.001	0.004	0.135	0.135	0.007	0.007	0.004	0.008	
Kiribati	0.001	0.065	0.006	0.065	0.065	0.065	0.065	0.007	0.071	0.001	0.071	0.071	0.006	0.006	0.130	0.130	0.071	0.071	0.011	0.006	0.012	
Kuwait	0.001	0.064	0.007	0.001	0.001	0.064	0.064	0.008	0.065	0.007	0.071	0.007	0.007	0.071	0.128	0.128	0.071	0.128	0.013	0.064	0.014	
Kyrgyzstan	0.001	0.064	0.006	0.001	0.001	0.064	0.064	0.066	0.071	0.002	0.071	0.065	0.007	0.013	0.128	0.128	0.071	0.071	0.006	0.014	0.008	
Laos	0.001	0.064	0.007	0.064	0.064	0.064	0.064	0.066	0.070	0.002	0.065	0.008	0.008	0.013	0.127	0.127	0.070	0.070	0.013	0.007	0.009	
Larvia	0.001	0.008	0.001	0.001	0.001	0.008	0.008	0.064	0.071	0.001	0.126	0.016	0.071	0.126	0.126	0.071	0.126	0.016	0.008	0.009	0.002	
Lebanon	0.001	0.061	0.001	0.009	0.009	0.061	0.061	0.012	0.011	0.011	0.122	0.011	0.011	0.122	0.122	0.070	0.122	0.019	0.009	0.012	0.012	
Lesotho	0.000	0.069	0.003	0.003	0.069	0.069	0.069	0.206	0.137	0.001	0.005	0.005	0.001	0.005	0.133	0.133	0.071	0.071	0.005	0.003	0.001	
Liberia	0.004	0.066	0.066	0.066	0.066	0.066	0.066	0.071	0.071	0.001	0.005	0.005	0.001	0.005	0.133	0.133	0.071	0.071	0.005	0.004	0.002	
Libya	0.001	0.062	0.009	0.001	0.001	0.062	0.062	0.010	0.063	0.002	0.071	0.010	0.071	0.124	0.124	0.071	0.124	0.071	0.009	0.018	0.010	
Lithuania	0.001	0.008	0.001	0.001	0.008	0.008	0.008	0.064	0.071	0.001	0.125	0.071	0.017	0.125	0.125	0.071	0.125	0.017	0.008	0.010	0.002	
Luxembourg	0.001	0.009	0.001	0.001	0.001	0.009	0.011	0.010	0.123	0.010	0.071	0.123	0.123	0.123	0.123	0.123	0.071	0.009	0.011	0.011		
Madagascar	0.001	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.071	0.001	0.004	0.068	0.001	0.004	0.134	0.134	0.008	0.008	0.004	0.008	0.002	
Malawi	0.000	0.068	0.003	0.068	0.068	0.068	0.068	0.139	0.137	0.001	0.003	0.069	0.001	0.001	0.126	0.126	0.005	0.005	0.003	0.006	0.001	
Malaysia	0.002	0.059	0.002	0.011	0.011	0.059	0.059	0.062	0.070	0.004	0.070	0.013	0.013	0.070	0.118	0.118	0.022	0.011	0.014	0.005		
Maldives	0.001	0.061	0.010	0.010	0.010	0.061	0.061	0.003	0.070	0.002	0.070	0.011	0.011	0.070	0.121	0.121	0.070	0.070	0.010	0.020	0.003	
Mali	0.003	0.068	0.068	0.068	0.068	0.068	0.068	0.137	0.071	0.001	0.003	0.003	0.001	0.003	0.136	0.136	0.006	0.006	0.003	0.006	0.001	
Malta	0.001	0.063	0.001	0.001	0.001	0.008	0.008	0.009	0.009	0.009	0.126	0.016	0.016	0.126	0.126	0.071	0.126	0.008	0.009	0.002		
Marshall Islands	0.001	0.063	0.008	0.063	0.063	0.063	0.063	0.064	0.071	0.002	0.071	0.009	0.009	0.016	0.125	0.125	0.071	0.071	0.016	0.008	0.010	
Mauritania	0.005	0.065	0.065	0.065	0.065	0.065	0.065	0.007	0.071	0.002	0.066	0.002	0.006	0.131	0.131	0.010	0.071	0.010	0.065	0.011		
Mauritius	0.001	0.062	0.001	0.001	0.001	0.062	0.062	0.064	0.009	0.002	0.071	0.017	0.017	0.125	0.125	0.017	0.008	0.017	0.002			
Mexico	0.002	0.060	0.010	0.002	0.002	0.060	0.060	0.063	0.012	0.012	0.070	0.012	0.012	0.070	0.119	0.119	0.020	0.010	0.022	0.005		
Moldova	0.001	0.062	0.001	0.001	0.001	0.062	0.063	0.071	0.001	0.071	0.071	0.124	0.124	0.124	0.071	0.071	0.017	0.009	0.010	0.010		
Monaco	0.001	0.006	0.001	0.001	0.001	0.006	0.006	0.007	0.011	0.006	0.130	0.066	0.011	0.130	0.130	0.071	0.006	0.007	0.002			
Mongolia	0.001	0.066	0.005	0.001	0.066	0.066	0.066	0.002	0.071	0.001	0.067	0.067	0.005	0.071	0.132	0.132	0.071	0.071	0.009	0.005	0.010	
Montenegro	0.001	0.007	0.001	0.001	0.007	0.007	0.007	0.008	0.008	0.001	0.128	0.071	0.014	0.128	0.128	0.014	0.014	0.008	0.002	0.002		
Morocco	0.001	0.063	0.007	0.063	0.063	0.063	0.063	0.009	0.070	0.002	0.070	0.008	0.002	0.015	0.126	0.126	0.015	0.007	0.009	0.009		
Mozambique	0.000	0.068	0.068	0.068	0.068	0.068	0.068	0.139	0.137	0.001	0.003	0.069	0.001	0.003	0.137	0.137	0.005	0.005	0.003	0.005		
Myanmar	0.001	0.061	0.009	0.061	0.061	0.061	0.061	0.071	0.070	0.002	0.010	0.010	0.010	0.018	0.122	0.122	0.070	0.070	0.009	0.011		
Namibia	0.000	0.069	0.002	0.000	0.069	0.069	0.069	0.207	0.071	0.001	0.071	0.003	0.001	0.003	0.138	0.138	0.004	0.004	0.002	0.003		
Nauru	0.001	0.064	0.006	0.006	0.064	0.064	0.064	0.065	0.065	0.001	0.071	0.065	0.007	0.007	0.129	0.129	0.071	0.071	0.011	0.013		
Nepal	0.001	0.060	0.010	0.060	0.060	0.060	0.060	0.063	0.070	0.003	0.011	0.011	0.003	0.011	0.120	0.120	0.020	0.070	0.120	0.001	0.021	
Netherlands	0.001	0.008	0.001	0.001	0.001	0.008	0.008	0.009	0.009	0.009	0.126	0.071	0.016	0.126	0.126	0.071	0.008	0.009	0.002			
New Zealand	0.001	0.063	0.001	0.001	0.001	0.008	0.008	0.009	0.009	0.009	0.126	0.016	0.016	0.126	0.126	0.071	0.008	0.009	0.002			
Nicaragua	0.002	0.061	0.008	0.002	0.008	0.008	0.008	0.061	0.061	0.010	0.070	0.063	0.004	0.017	0.122	0.122	0.070	0.070	0.017	0.008	0.019	
Niger	0.002	0.069	0.069	0.069	0.069	0.069	0.069	0.071	0.071	0.001	0.002	0.070	0.001	0.001	0.139	0.139	0.003	0.003	0.002	0.001		
Nigeria	0.001	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.074	0.071	0.001	0.068	0.004	0.001	0.035	0.135	0.007	0.071	0.004	0.002		
Niue	0.001	0.059	0.001	0.011	0.011	0.059	0.059	0.071	0.012	0.003	0.070	0.009	0.002	0.022	0.119	0.119	0.022	0.011	0.013	0.003		
North Korea	0.001	0.062	0.001	0.009	0.009	0.062	0.062	0.011	0.071	0.002	0.071	0.018	0.011	0.071	0.123	0.123	0.012	0.018	0.009	0.011	0.002	
North Macedonia	0.001	0.062	0.001	0.009	0.009	0.062	0.062	0.002	0.010	0.001	0.071	0.018	0.011	0.071	0.123	0.123	0.012	0.018	0.009	0.011	0.002	
Northern Mariana Islands	0.001	0.009	0.001	0.009	0.009	0.061	0.061	0.011	0.062	0.002	0.070	0.070	0.070	0.070	0.122	0.122	0.070	0.070	0.019	0.011	0.003	
Norway	0.001	0.008	0.001	0.001	0.001	0.008	0.008	0.010	0.009	0.009	0.125	0.063	0.016	0.125	0.125	0.071	0.071	0.011	0.010	0.010		
Oman	0.001	0.063	0.007	0.001	0.063	0.063	0.063	0.009	0.064	0.008	0.071	0.008	0.001	0.071	0.127	0.127	0.071	0.071	0.015	0.013	0.009	
Pakistan	0.001	0.066	0.066	0.066	0.066	0.066	0.066	0.067	0.069	0.005	0.070	0.059	0.014	0.024	0.115	0.115	0.070	0.070	0.024	0.058	0.016	
Peru	0.002	0.057	0.012	0.002	0.057	0.057	0.057	0.062	0.069	0.005	0.059	0.069	0.015	0.069	0.099	0.099	0.024	0.014	0.015	0.017	0.027	
Philippines	0.001	0.063	0.008	0.063	0.063	0.063	0.063	0.010	0.125	0.002	0.071	0.009										

	Met need for FP with modern contraception	Antenatal, peripartum and postnatal care for newboms	Antenatal, postpartum and postnatal care for mothers	MCV1 coverage	DTP3 coverage	Diarrhoea treatment	LRI treatment	ART coverage	TB treatment	Acute lymphoid leukaemia treatment	Breast cancer treatment	Cervical cancer treatment	Uterine cancer treatment	Colon/rectum cancer treatment	IHD treatment	Stroke treatment	Diabetes treatment	CKD treatment	COPD treatment	Asthma treatment	Epilepsy treatment	Appendicitis treatment	
Tanzania	0.001	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.138	0.071	0.001	0.004	0.004	0.001	0.004	0.134	0.134	0.007	0.071	0.004	0.004	0.008	0.002
Thailand	0.002	0.010	0.002	0.010	0.010	0.010	0.060	0.071	0.119	0.003	0.070	0.061	0.012	0.070	0.119	0.119	0.070	0.119	0.020	0.002	0.013	0.005	
The Bahamas	0.001	0.062	0.009	0.001	0.001	0.062	0.062	0.079	0.010	0.002	0.070	0.063	0.010	0.070	0.123	0.123	0.070	0.123	0.017	0.009	0.011	0.011	
The Gambia	0.005	0.066	0.066	0.066	0.066	0.066	0.066	0.071	0.132	0.001	0.005	0.005	0.001	0.005	0.132	0.132	0.009	0.071	0.009	0.005	0.010	0.002	
Timor-Leste	0.001	0.064	0.006	0.000	0.064	0.064	0.064	0.064	0.076	0.128	0.002	0.008	0.008	0.002	0.013	0.128	0.128	0.070	0.128	0.013	0.006	0.009	0.004
Togo	0.001	0.067	0.067	0.004	0.067	0.067	0.067	0.067	0.138	0.071	0.001	0.005	0.067	0.001	0.005	0.133	0.133	0.008	0.071	0.008	0.004	0.009	0.002
Tokelau	0.001	0.058	0.012	0.058	0.012	0.058	0.058	0.058	0.060	0.070	0.002	0.070	0.013	0.013	0.025	0.116	0.116	0.070	0.025	0.012	0.015	0.012	0.004
Tonga	0.001	0.060	0.010	0.010	0.060	0.060	0.060	0.012	0.070	0.003	0.070	0.019	0.011	0.011	0.121	0.121	0.121	0.121	0.019	0.010	0.012	0.004	
Trinidad and Tobago	0.001	0.062	0.001	0.001	0.062	0.062	0.064	0.010	0.002	0.070	0.017	0.017	0.070	0.123	0.123	0.123	0.123	0.017	0.009	0.011	0.011		
Tunisia	0.001	0.061	0.009	0.009	0.009	0.061	0.061	0.011	0.010	0.002	0.070	0.010	0.010	0.070	0.123	0.123	0.123	0.123	0.070	0.009	0.011	0.011	
Turkey	0.001	0.059	0.001	0.011	0.059	0.059	0.004	0.012	0.003	0.070	0.012	0.012	0.070	0.119	0.119	0.070	0.119	0.119	0.011	0.023	0.013		
Turkmenistan	0.001	0.066	0.004	0.001	0.001	0.066	0.066	0.068	0.071	0.001	0.071	0.067	0.005	0.071	0.133	0.133	0.071	0.071	0.009	0.004	0.010	0.006	
Tuvalu	0.001	0.060	0.010	0.010	0.010	0.060	0.060	0.062	0.070	0.002	0.070	0.012	0.012	0.021	0.120	0.120	0.070	0.070	0.010	0.013	0.003		
UK	0.001	0.009	0.001	0.001	0.001	0.009	0.009	0.011	0.010	0.010	0.123	0.010	0.018	0.123	0.123	0.123	0.123	0.123	0.009	0.011	0.011		
USA	0.001	0.010	0.001	0.001	0.001	0.010	0.010	0.010	0.062	0.010	0.001	0.122	0.020	0.020	0.122	0.122	0.071	0.122	0.122	0.010	0.011	0.011	
Uganda	0.001	0.068	0.068	0.068	0.068	0.068	0.068	0.139	0.071	0.001	0.004	0.068	0.001	0.004	0.135	0.135	0.006	0.071	0.004	0.003	0.007	0.002	
Ukraine	0.001	0.064	0.001	0.001	0.001	0.007	0.064	0.065	0.071	0.001	0.071	0.071	0.013	0.128	0.128	0.071	0.071	0.013	0.007	0.008	0.008		
United Arab Emirates	0.000	0.065	0.006	0.000	0.006	0.065	0.006	0.066	0.066	0.001	0.071	0.006	0.006	0.071	0.131	0.131	0.071	0.071	0.006	0.071	0.006	0.006	
Uruguay	0.001	0.057	0.001	0.001	0.013	0.057	0.059	0.015	0.003	0.114	0.070	0.027	0.114	0.114	0.027	0.070	0.070	0.013	0.016	0.016	0.016		
Uzbekistan	0.001	0.065	0.005	0.001	0.001	0.065	0.065	0.067	0.071	0.001	0.071	0.066	0.006	0.071	0.131	0.131	0.071	0.071	0.011	0.005	0.011	0.007	
Vanuatu	0.001	0.064	0.006	0.000	0.064	0.064	0.064	0.066	0.071	0.002	0.071	0.007	0.007	0.007	0.128	0.128	0.071	0.071	0.011	0.006	0.014	0.002	
Venezuela	0.002	0.060	0.010	0.002	0.002	0.060	0.060	0.063	0.012	0.003	0.070	0.070	0.012	0.070	0.120	0.120	0.070	0.120	0.020	0.010	0.013	0.013	
Vietnam	0.001	0.059	0.001	0.011	0.059	0.059	0.062	0.119	0.003	0.070	0.021	0.003	0.070	0.119	0.070	0.070	0.119	0.070	0.021	0.011	0.013	0.013	
Virgin Islands	0.001	0.061	0.001	0.001	0.009	0.009	0.009	0.064	0.010	0.002	0.122	0.018	0.010	0.122	0.122	0.122	0.122	0.018	0.009	0.011	0.011		
Yemen	0.001	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.004	0.071	0.001	0.068	0.004	0.001	0.044	0.135	0.135	0.071	0.071	0.007	0.003	0.007	0.007
Zambia	0.000	0.069	0.003	0.069	0.069	0.069	0.069	0.140	0.137	0.001	0.003	0.069	0.001	0.003	0.071	0.137	0.005	0.071	0.003	0.003	0.005	0.001	
Zimbabwe	0.000	0.069	0.002	0.069	0.069	0.069	0.069	0.207	0.138	0.001	0.002	0.002	0.001	0.002	0.138	0.138	0.071	0.004	0.071	0.004	0.002	0.005	

**Supplementary table 2. UHC effective coverage index values for 1990, 2010, and 2019, and annualised rates of change for 1990–2019, 1990–2010, and 2010–2019.** All estimates are accompanied by 95% uncertainty intervals in parentheses. Annualised rate of change is reported in terms of percentages. UHC=universal health coverage.

	UHC effective coverage index			Annualised rate of change (%)		
	1990	2010	2019	1990–2019	1990–2010	2010–2019
<b>Global</b>	<b>45.8</b> <b>(44.2 to 47.5)</b>	<b>55.7</b> <b>(54.4 to 57.0)</b>	<b>60.3</b> <b>(58.7 to 61.9)</b>	<b>0.9</b> <b>(0.8 to 1.1)</b>	<b>1.0</b> <b>(0.8 to 1.1)</b>	<b>0.9</b> <b>(0.6 to 1.2)</b>
<b>Central Europe, eastern Europe, and central Asia</b>	<b>51.3</b> <b>(49.8 to 52.7)</b>	<b>57.0</b> <b>(55.7 to 58.2)</b>	<b>64.0</b> <b>(61.5 to 66.6)</b>	<b>0.8</b> <b>(0.6 to 0.9)</b>	<b>0.5</b> <b>(0.4 to 0.6)</b>	<b>1.3</b> <b>(0.8 to 1.8)</b>
<b>Central Asia</b>	<b>39.3</b> <b>(37.3 to 41.3)</b>	<b>41.9</b> <b>(40.1 to 43.7)</b>	<b>49.0</b> <b>(47.3 to 50.8)</b>	<b>0.8</b> <b>(0.5 to 1.0)</b>	<b>0.3</b> <b>(0.1 to 0.5)</b>	<b>1.7</b> <b>(1.1 to 2.3)</b>
Armenia	46.9 (44.8 to 49.1)	55.7 (54.0 to 57.2)	62.4 (59.5 to 65.6)	1.0 (0.8 to 1.2)	0.8 (0.7 to 1.0)	1.3 (0.8 to 1.8)
Azerbaijan	32.0 (29.2 to 34.6)	40.3 (38.3 to 42.5)	48.2 (44.9 to 51.5)	1.4 (1.0 to 1.8)	1.2 (0.8 to 1.6)	2.0 (1.0 to 2.8)
Georgia	43.6 (41.8 to 45.9)	53.2 (50.6 to 55.9)	55.9 (52.8 to 59.6)	0.8 (0.6 to 1.1)	1.0 (0.7 to 1.3)	0.5 (-0.2 to 1.4)
Kazakhstan	44.8 (42.4 to 47.1)	50.0 (47.6 to 52.0)	59.3 (56.2 to 62.1)	1.0 (0.7 to 1.2)	0.6 (0.3 to 0.8)	1.9 (1.3 to 2.5)
Kyrgyzstan	35.0 (32.3 to 38.0)	42.8 (40.6 to 45.0)	52.9 (49.9 to 56.1)	1.4 (1.1 to 1.7)	1.0 (0.7 to 1.3)	2.4 (1.7 to 3.0)
Mongolia	27.4 (22.6 to 31.5)	42.3 (38.6 to 45.9)	47.9 (44.2 to 51.7)	1.9 (1.3 to 2.7)	2.2 (1.3 to 3.2)	1.4 (0.3 to 2.5)
Tajikistan	41.6 (38.9 to 44.5)	40.4 (37.4 to 43.8)	47.9 (44.7 to 51.0)	0.5 (0.1 to 0.8)	-0.2 (-0.6 to 0.3)	1.9 (0.7 to 3.0)
Turkmenistan	31.8 (29.7 to 34.4)	39.0 (35.0 to 42.0)	44.0 (39.9 to 47.9)	1.1 (0.6 to 1.6)	1.0 (0.5 to 1.4)	1.3 (-0.1 to 2.9)
Uzbekistan	38.1 (35.4 to 40.4)	35.7 (32.8 to 38.4)	42.2 (39.2 to 45.1)	0.4 (0.0 to 0.7)	-0.3 (-0.7 to 0.1)	1.9 (0.7 to 3.1)
<b>Central Europe</b>	<b>52.2</b> <b>(50.7 to 53.6)</b>	<b>66.6</b> <b>(65.3 to 67.8)</b>	<b>71.9</b> <b>(68.1 to 75.3)</b>	<b>1.1</b> <b>(0.9 to 1.3)</b>	<b>1.2</b> <b>(1.1 to 1.3)</b>	<b>0.9</b> <b>(0.2 to 1.4)</b>
Albania	54.5 (52.6 to 56.2)	68.4 (65.8 to 71.1)	69.7 (64.5 to 74.5)	0.8 (0.5 to 1.1)	1.1 (0.9 to 1.4)	0.2 (-0.6 to 1.0)
Bosnia and Herzegovina	54.2 (52.1 to 56.1)	61.6 (59.7 to 63.3)	64.3 (59.3 to 68.7)	0.6 (0.3 to 0.9)	0.6 (0.5 to 0.8)	0.5 (-0.4 to 1.3)
Bulgaria	52.4 (50.7 to 54.3)	56.3 (54.4 to 58.0)	62.6 (58.0 to 67.1)	0.6 (0.3 to 0.9)	0.4 (0.2 to 0.5)	1.2 (0.3 to 2.0)
Croatia	61.0 (59.3 to 62.7)	73.2 (71.6 to 74.6)	79.0 (74.0 to 83.3)	0.9 (0.7 to 1.1)	0.9 (0.8 to 1.0)	0.8 (0.1 to 1.5)
Czech Republic	55.9 (54.4 to 57.4)	77.7 (76.3 to 79.0)	82.1 (77.6 to 85.9)	1.3 (1.1 to 1.5)	1.6 (1.5 to 1.8)	0.6 (-0.0 to 1.2)
Hungary	53.8 (52.0 to 55.4)	67.1 (65.6 to 68.6)	72.0 (67.5 to 76.3)	1.0 (0.8 to 1.2)	1.1 (1.0 to 1.2)	0.8 (0.1 to 1.4)
Montenegro	63.3 (61.4 to 65.2)	63.5 (61.9 to 65.1)	66.0 (62.5 to 69.4)	0.1 (-0.1 to 0.3)	0.0 (-0.1 to 0.2)	0.4 (-0.2 to 1.0)
North Macedonia	49.6 (47.3 to 51.7)	55.7 (53.9 to 57.4)	60.8 (55.9 to 65.4)	0.7 (0.4 to 1.0)	0.6 (0.4 to 0.8)	1.0 (0.0 to 1.8)
Poland	49.8 (48.2 to 51.5)	68.3 (66.8 to 69.6)	72.7 (64.3 to 80.5)	1.3 (0.9 to 1.7)	1.6 (1.5 to 1.7)	0.7 (-0.7 to 1.8)
Romania	50.1 (48.1 to 52.0)	62.6 (60.8 to 64.0)	69.6 (66.3 to 72.7)	1.1 (0.9 to 1.4)	1.1 (1.0 to 1.2)	1.2 (0.5 to 1.8)
Serbia	49.2 (47.1 to 51.0)	57.0 (55.3 to 58.6)	63.3 (58.6 to 67.9)	0.9 (0.6 to 1.2)	0.7 (0.6 to 0.9)	1.2 (0.3 to 2.0)
Slovakia	56.2 (54.6 to 57.8)	72.3 (71.0 to 73.8)	78.1 (73.2 to 82.5)	1.1 (0.9 to 1.3)	1.3 (1.2 to 1.4)	0.8 (0.1 to 1.4)
Slovenia	67.1 (62.3 to 71.4)	84.9 (83.4 to 86.3)	90.0 (85.5 to 93.0)	1.0 (0.7 to 1.3)	1.2 (0.8 to 1.6)	0.6 (0.1 to 1.1)
<b>Eastern Europe</b>	<b>54.4</b> <b>(52.8 to 55.9)</b>	<b>57.5</b> <b>(56.2 to 58.9)</b>	<b>66.5</b> <b>(61.8 to 70.6)</b>	<b>0.7</b> <b>(0.4 to 0.9)</b>	<b>0.3</b> <b>(0.1 to 0.4)</b>	<b>1.6</b> <b>(0.8 to 2.3)</b>
Belarus	57.1 (55.5 to 59.2)	58.5 (57.2 to 59.9)	70.5 (66.7 to 73.8)	0.7 (0.5 to 0.9)	0.1 (-0.0 to 0.2)	2.1 (1.3 to 2.7)
Estonia	60.1 (58.5 to 61.7)	74.9 (72.2 to 76.6)	82.0 (77.6 to 86.3)	1.1 (0.8 to 1.3)	1.1 (0.9 to 1.2)	1.0 (0.4 to 1.6)
Latvia	55.4 (53.9 to 56.9)	62.0 (60.4 to 63.6)	69.8 (66.8 to 72.6)	0.8 (0.6 to 1.0)	0.6 (0.4 to 0.7)	1.3 (0.7 to 1.9)
Lithuania	60.6 (59.0 to 62.2)	65.9 (64.3 to 67.5)	70.4 (66.7 to 73.7)	0.5 (0.3 to 0.7)	0.4 (0.3 to 0.5)	0.7 (0.0 to 1.4)
Moldova	48.5 (46.8 to 50.2)	48.6 (47.1 to 50.2)	62.2 (59.4 to 64.9)	0.9 (0.7 to 1.0)	0.0 (-0.2 to 0.2)	2.7 (2.3 to 3.2)
Russia	54.2 (52.6 to 55.9)	57.6 (56.2 to 59.1)	69.1 (63.1 to 74.2)	0.8 (0.5 to 1.1)	0.3 (0.2 to 0.4)	2.0 (1.0 to 2.8)
Ukraine	54.0 (52.5 to 56.0)	56.4 (55.1 to 57.7)	56.8 (48.4 to 64.2)	0.2 (-0.4 to 0.6)	0.2 (0.1 to 0.3)	0.1 (-1.7 to 1.4)
<b>High income</b>	<b>70.1</b> <b>(69.0 to 71.1)</b>	<b>84.1</b> <b>(83.1 to 84.9)</b>	<b>86.1</b> <b>(84.4 to 87.3)</b>	<b>0.7</b> <b>(0.7 to 0.7)</b>	<b>0.9</b> <b>(0.9 to 0.9)</b>	<b>0.3</b> <b>(0.1 to 0.4)</b>
<b>Australasia</b>	<b>71.5</b> <b>(70.2 to 72.8)</b>	<b>87.3</b> <b>(85.9 to 88.5)</b>	<b>88.5</b> <b>(86.5 to 89.7)</b>	<b>0.7</b> <b>(0.7 to 0.8)</b>	<b>1.0</b> <b>(0.9 to 1.1)</b>	<b>0.1</b> <b>(0.0 to 0.3)</b>
Australia	72.2 (70.9 to 73.5)	88.3 (86.9 to 89.5)	89.5 (87.3 to 90.8)	0.7 (0.7 to 0.8)	1.0 (0.9 to 1.1)	0.2 (-0.0 to 0.3)
New Zealand	68.1 (66.6 to 69.5)	82.3 (81.0 to 83.6)	83.0 (80.8 to 84.9)	0.7 (0.6 to 0.8)	0.9 (0.8 to 1.1)	0.1 (-0.2 to 0.3)
<b>High-income Asia Pacific</b>	<b>75.2</b> <b>(73.8 to 76.4)</b>	<b>91.1</b> <b>(90.0 to 92.0)</b>	<b>94.1</b> <b>(92.8 to 95.1)</b>	<b>0.8</b> <b>(0.7 to 0.8)</b>	<b>1.0</b> <b>(0.9 to 1.0)</b>	<b>0.4</b> <b>(0.3 to 0.4)</b>

	UHC effective coverage index			Annualised rate of change (%)		
	1990	2010	2019	1990-2019	1990-2010	2010-2019
Brunei	52.3 (49.5 to 55.2)	63.1 (60.8 to 65.4)	65.6 (62.6 to 67.9)	0.8 (0.5 to 1.0)	0.9 (0.6 to 1.3)	0.4 (-0.1 to 0.9)
Japan	80.9 (79.5 to 82.1)	93.6 (92.5 to 94.7)	96.4 (95.0 to 97.4)	0.6 (0.5 to 0.7)	0.7 (0.7 to 0.8)	0.3 (0.2 to 0.4)
South Korea	59.7 (57.8 to 61.4)	84.8 (83.1 to 86.0)	89.2 (87.3 to 90.5)	1.4 (1.3 to 1.5)	1.7 (1.6 to 1.9)	0.6 (0.4 to 0.7)
Singapore	66.5 (64.7 to 68.2)	89.5 (88.1 to 90.7)	92.6 (90.1 to 93.9)	1.1 (1.0 to 1.2)	1.5 (1.4 to 1.6)	0.4 (0.1 to 0.6)
<b>High-income North America</b>	<b>74.0 (72.9 to 75.1)</b>	<b>81.9 (80.8 to 83.0)</b>	<b>83.0 (81.2 to 84.4)</b>	<b>0.4 (0.3 to 0.4)</b>	<b>0.5 (0.5 to 0.6)</b>	<b>0.2 (-0.1 to 0.3)</b>
Canada	79.8 (78.4 to 81.2)	88.1 (86.9 to 89.2)	90.4 (88.4 to 91.7)	0.4 (0.4 to 0.5)	0.5 (0.4 to 0.6)	0.3 (0.1 to 0.4)
Greenland	54.1 (51.9 to 56.4)	63.5 (61.2 to 66.2)	68.8 (64.6 to 72.9)	0.8 (0.6 to 1.1)	0.8 (0.6 to 1.0)	0.9 (0.2 to 1.5)
USA	73.4 (72.3 to 74.5)	81.2 (80.0 to 82.4)	82.2 (80.4 to 83.6)	0.4 (0.3 to 0.4)	0.5 (0.5 to 0.6)	0.1 (-0.1 to 0.2)
<b>Southern Latin America</b>	<b>49.5 (48.0 to 51.1)</b>	<b>61.7 (60.1 to 63.5)</b>	<b>65.4 (59.9 to 69.3)</b>	<b>1.0 (0.7 to 1.1)</b>	<b>1.1 (1.0 to 1.2)</b>	<b>0.6 (-0.2 to 1.2)</b>
Argentina	46.6 (44.8 to 48.3)	58.9 (57.2 to 60.8)	61.4 (55.6 to 65.7)	0.9 (0.6 to 1.2)	1.2 (1.0 to 1.3)	0.4 (-0.5 to 1.1)
Chile	55.9 (54.1 to 57.9)	68.2 (66.2 to 69.9)	74.6 (69.7 to 77.8)	1.0 (0.8 to 1.1)	1.0 (0.8 to 1.1)	1.0 (0.4 to 1.4)
Uruguay	53.4 (51.6 to 55.2)	64.2 (62.5 to 65.9)	68.8 (62.8 to 73.1)	0.9 (0.6 to 1.1)	0.9 (0.7 to 1.1)	0.8 (-0.2 to 1.4)
<b>Western Europe</b>	<b>66.3 to 68.6 (66.3 to 68.6)</b>	<b>84.8 to 86.6 (84.8 to 86.6)</b>	<b>86.0 to 89.9 (86.0 to 89.9)</b>	<b>0.9 to 1.0 (0.9 to 1.0)</b>	<b>1.1 to 1.3 (1.1 to 1.3)</b>	<b>0.1 to 0.5 (0.1 to 0.5)</b>
Andorra	80.9 (75.6 to 84.3)	90.8 (87.2 to 93.3)	91.9 (87.6 to 94.5)	0.4 (0.2 to 0.7)	0.6 (0.3 to 0.9)	0.1 (-0.3 to 0.5)
Austria	71.2 (69.6 to 72.6)	82.3 (81.1 to 83.5)	86.5 (83.5 to 88.6)	0.7 (0.6 to 0.8)	0.7 (0.6 to 0.8)	0.5 (0.2 to 0.8)
Belgium	67.6 (66.0 to 69.0)	83.4 (82.1 to 84.8)	87.5 (83.9 to 90.0)	0.9 (0.8 to 1.0)	1.1 (1.0 to 1.1)	0.5 (0.1 to 0.8)
Cyprus	56.9 (54.8 to 58.9)	74.8 (73.0 to 76.5)	79.6 (77.6 to 81.7)	1.2 (1.0 to 1.3)	1.4 (1.2 to 1.5)	0.7 (0.4 to 1.0)
Denmark	65.3 (63.4 to 67.1)	80.8 (79.3 to 82.3)	84.3 (80.6 to 86.7)	0.9 (0.7 to 1.0)	1.1 (1.0 to 1.2)	0.5 (0.0 to 0.8)
Finland	71.4 (69.8 to 73.0)	88.5 (87.2 to 89.8)	91.4 (89.0 to 92.9)	0.8 (0.8 to 0.9)	1.1 (1.0 to 1.2)	0.4 (0.1 to 0.5)
France	66.2 (64.5 to 67.8)	88.0 (86.8 to 89.0)	91.0 (86.6 to 93.6)	1.1 (0.9 to 1.2)	1.4 (1.3 to 1.5)	0.4 (-0.2 to 0.7)
Germany	66.1 (65.1 to 67.9)	79.9 (82.1 to 84.7)	80.3 (82.1 to 89.1)	0.7 (0.7 to 1.0)	1.0 (1.0 to 1.2)	0.0 (-0.1 to 0.7)
Greece	66.1 (64.4 to 67.8)	78.3 (78.3 to 81.6)	82.9 (76.3 to 82.9)	0.7 (0.5 to 0.8)	0.9 (0.9 to 1.0)	0.4 (-0.4 to 0.4)
Iceland	78.2 (76.3 to 80.2)	93.8 (92.5 to 95.2)	95.3 (93.6 to 96.8)	0.7 (0.6 to 0.8)	0.9 (0.8 to 1.1)	0.2 (-0.0 to 0.4)
Ireland	63.2 (61.5 to 65.0)	86.3 (84.7 to 87.6)	90.6 (87.3 to 92.3)	1.2 (1.1 to 1.3)	1.6 (1.4 to 1.7)	0.5 (0.1 to 0.8)
Israel	59.5 (57.8 to 61.1)	78.6 (77.1 to 80.0)	81.6 (77.8 to 84.1)	1.1 (0.9 to 1.2)	1.4 (1.3 to 1.5)	0.4 (-0.1 to 0.7)
Italy	70.4 (69.0 to 71.6)	86.8 (85.6 to 88.2)	89.0 (86.2 to 90.7)	0.8 (0.7 to 0.9)	1.0 (1.0 to 1.1)	0.3 (-0.0 to 0.4)
Luxembourg	66.2 (64.3 to 68.1)	87.5 (85.6 to 89.3)	91.5 (90.3 to 92.5)	1.1 (1.0 to 1.2)	1.4 (1.2 to 1.6)	0.5 (0.3 to 0.7)
Malta	60.0 (57.7 to 62.2)	77.5 (75.9 to 79.0)	82.9 (80.8 to 84.6)	1.1 (1.0 to 1.3)	1.3 (1.1 to 1.5)	0.8 (0.5 to 1.0)
Monaco	78.2 (74.7 to 82.1)	88.7 (85.9 to 91.6)	91.2 (88.5 to 94.8)	0.5 (0.3 to 0.7)	0.6 (0.4 to 0.9)	0.3 (-0.0 to 0.7)
Netherlands	69.8 (68.2 to 71.3)	87.6 (86.1 to 89.1)	89.9 (86.0 to 91.7)	0.9 (0.7 to 0.9)	1.1 (1.0 to 1.2)	0.3 (-0.1 to 0.5)
Norway	72.0 (70.4 to 73.5)	90.2 (88.7 to 91.4)	94.4 (91.3 to 96.1)	0.9 (0.8 to 1.0)	1.1 (1.0 to 1.2)	0.5 (0.2 to 0.7)
Portugal	60.8 (59.1 to 62.4)	79.2 (77.5 to 80.7)	83.8 (80.3 to 85.8)	1.1 (1.0 to 1.2)	1.3 (1.2 to 1.4)	0.6 (0.2 to 0.9)
San Marino	83.1 (80.1 to 85.7)	91.9 (85.8 to 96.1)	93.4 (84.8 to 97.3)	0.4 (0.1 to 0.6)	0.5 (0.1 to 0.8)	0.2 (-0.5 to 0.8)
Spain	65.0 (63.6 to 66.4)	88.4 (87.1 to 89.7)	90.3 (87.1 to 91.6)	1.1 (1.0 to 1.2)	1.5 (1.4 to 1.6)	0.2 (-0.1 to 0.4)
Sweden	78.8 (77.5 to 80.0)	88.3 (87.1 to 89.4)	90.4 (88.3 to 92.2)	0.5 (0.4 to 0.5)	0.6 (0.5 to 0.6)	0.3 (0.0 to 0.5)
Switzerland	77.2 (75.7 to 78.6)	90.7 (89.4 to 91.9)	93.7 (91.0 to 95.0)	0.7 (0.6 to 0.7)	0.8 (0.7 to 0.9)	0.4 (0.1 to 0.5)
UK	67.2 (65.9 to 68.4)	86.0 (84.9 to 87.1)	88.0 (85.2 to 89.9)	0.9 (0.8 to 1.0)	1.2 (1.2 to 1.3)	0.3 (-0.1 to 0.5)
<b>Latin America and Caribbean</b>	<b>45.3 (43.5 to 47.2)</b>	<b>58.6 (57.4 to 59.9)</b>	<b>63.8 (61.5 to 65.9)</b>	<b>1.2 (1.0 to 1.3)</b>	<b>1.3 (1.1 to 1.4)</b>	<b>0.9 (0.6 to 1.3)</b>
<b>Andean Latin America</b>	<b>48.1 (45.0 to 51.4)</b>	<b>59.2 (57.1 to 61.1)</b>	<b>68.3 (64.4 to 71.5)</b>	<b>1.2 (0.9 to 1.5)</b>	<b>1.0 (0.7 to 1.4)</b>	<b>1.6 (0.9 to 2.2)</b>
Bolivia	29.0 (23.8 to 34.3)	44.8 (40.9 to 49.4)	52.5 (47.2 to 58.0)	2.0 (1.4 to 2.8)	2.2 (1.3 to 3.1)	1.7 (0.6 to 2.7)
Ecuador	51.5 (47.5 to 54.6)	57.2 (54.8 to 59.5)	64.5 (60.4 to 68.4)	0.8 (0.4 to 1.1)	0.5 (0.2 to 0.9)	1.3 (0.5 to 2.1)

	UHC effective coverage index			Annualised rate of change (%)		
	1990	2010	2019	1990-2019	1990-2010	2010-2019
Peru	52.3 (48.1 to 56.4)	65.2 (62.2 to 68.1)	76.0 (70.4 to 79.9)	1.3 (0.9 to 1.7)	1.1 (0.7 to 1.5)	1.7 (0.8 to 2.5)
<b>Caribbean</b>	<b>41.8</b> <b>(40.2 to 43.4)</b>	<b>51.7</b> <b>(50.3 to 53.2)</b>	<b>55.1</b> <b>(52.3 to 57.8)</b>	<b>1.0</b> <b>(0.7 to 1.2)</b>	<b>1.1</b> <b>(0.8 to 1.3)</b>	<b>0.7</b> <b>(0.0 to 1.3)</b>
Antigua and Barbuda	47.1 (45.4 to 48.9)	59.9 (58.1 to 61.6)	59.7 (56.5 to 62.7)	0.8 (0.6 to 1.0)	1.2 (1.0 to 1.4)	-0.0 (-0.7 to 0.5)
The Bahamas	45.5 (43.3 to 47.9)	59.8 (57.7 to 61.8)	60.6 (56.9 to 64.3)	1.0 (0.7 to 1.3)	1.4 (1.1 to 1.6)	0.1 (-0.6 to 0.8)
Barbados	46.6 (44.8 to 48.4)	60.8 (59.2 to 62.5)	61.3 (57.5 to 65.0)	0.9 (0.7 to 1.2)	1.3 (1.2 to 1.5)	0.1 (-0.6 to 0.7)
Belize	39.5 (36.5 to 42.2)	52.1 (49.9 to 54.4)	54.3 (51.2 to 57.2)	1.1 (0.8 to 1.4)	1.4 (1.1 to 1.7)	0.4 (-0.3 to 1.1)
Bermuda	55.9 (54.3 to 57.4)	73.8 (71.8 to 75.4)	77.7 (73.3 to 80.8)	1.1 (0.9 to 1.3)	1.4 (1.2 to 1.6)	0.6 (0.0 to 1.0)
Cuba	59.4 (57.8 to 60.8)	70.9 (69.4 to 72.4)	72.5 (69.0 to 76.4)	0.7 (0.5 to 0.9)	0.9 (0.8 to 1.0)	0.3 (-0.4 to 0.9)
Dominica	43.9 (41.7 to 46.4)	50.9 (48.0 to 53.4)	51.9 (47.2 to 56.0)	0.6 (0.2 to 0.9)	0.7 (0.3 to 1.1)	0.2 (-0.7 to 1.0)
Dominican Republic	37.6 (34.2 to 40.9)	48.4 (44.8 to 52.1)	52.7 (46.6 to 58.0)	1.2 (0.7 to 1.6)	1.3 (0.6 to 1.9)	0.9 (-0.7 to 2.3)
Grenada	33.9 (31.6 to 36.0)	48.4 (46.5 to 50.2)	50.5 (48.3 to 52.8)	1.4 (1.1 to 1.6)	1.8 (1.5 to 2.1)	0.5 (0.0 to 1.0)
Guyana	23.2 (20.1 to 26.5)	33.1 (30.3 to 36.0)	40.7 (34.9 to 46.3)	1.9 (1.3 to 2.6)	1.8 (1.0 to 2.6)	2.3 (0.6 to 3.7)
Haiti	11.8 (9.0 to 15.3)	25.0 (21.0 to 29.0)	35.8 (30.5 to 41.2)	3.8 (2.8 to 4.9)	3.8 (2.4 to 5.2)	4.0 (2.5 to 5.5)
Jamaica	44.7 (42.8 to 46.5)	57.7 (55.9 to 59.3)	56.9 (51.9 to 61.5)	0.8 (0.5 to 1.1)	1.3 (1.1 to 1.5)	-0.1 (-1.1 to 0.7)
Puerto Rico	53.4 (51.4 to 55.2)	71.7 (70.0 to 73.2)	75.8 (70.4 to 79.9)	1.2 (0.9 to 1.4)	1.5 (1.3 to 1.6)	0.6 (-0.2 to 1.3)
Saint Kitts and Nevis	35.7 (33.7 to 37.4)	55.4 (53.5 to 57.3)	53.0 (49.4 to 56.0)	1.4 (1.1 to 1.6)	2.2 (1.9 to 2.5)	-0.5 (-1.3 to 0.1)
Saint Lucia	39.9 (37.7 to 42.2)	58.0 (56.3 to 59.8)	59.2 (55.4 to 62.6)	1.4 (1.1 to 1.6)	1.9 (1.6 to 2.1)	0.2 (-0.5 to 0.9)
Saint Vincent and the Grenadines	37.9 (35.8 to 39.8)	49.7 (47.6 to 51.9)	49.6 (46.4 to 52.6)	0.9 (0.7 to 1.2)	1.4 (1.1 to 1.6)	-0.1 (-0.8 to 0.7)
Suriname	36.4 (33.8 to 39.4)	48.9 (47.0 to 50.6)	50.2 (46.0 to 54.0)	1.1 (0.7 to 1.5)	1.5 (1.1 to 1.8)	0.3 (-0.7 to 1.1)
Trinidad and Tobago	37.5 (35.4 to 39.7)	51.9 (50.1 to 53.6)	55.6 (49.3 to 61.4)	1.4 (0.9 to 1.7)	1.6 (1.4 to 1.8)	0.8 (-0.6 to 1.9)
Virgin Islands	47.6 (44.4 to 50.9)	52.6 (50.6 to 54.7)	53.7 (50.6 to 56.9)	0.4 (0.1 to 0.7)	0.5 (0.1 to 0.9)	0.2 (-0.3 to 0.8)
<b>Central Latin America</b>	<b>48.7</b> <b>(46.9 to 50.5)</b>	<b>59.2</b> <b>(57.7 to 60.7)</b>	<b>63.3</b> <b>(59.8 to 66.9)</b>	<b>0.9</b> <b>(0.7 to 1.1)</b>	<b>1.0</b> <b>(0.9 to 1.1)</b>	<b>0.7</b> <b>(0.1 to 1.4)</b>
Colombia	55.7 (53.8 to 57.4)	66.4 (64.8 to 67.9)	74.5 (69.2 to 79.0)	1.0 (0.7 to 1.2)	0.9 (0.7 to 1.0)	1.3 (0.5 to 2.0)
Costa Rica	65.8 (63.8 to 67.6)	74.0 (72.0 to 75.7)	79.1 (74.2 to 83.1)	0.6 (0.4 to 0.8)	0.6 (0.4 to 0.7)	0.8 (-0.0 to 1.5)
El Salvador	41.6 (39.1 to 44.2)	56.7 (54.6 to 58.4)	61.7 (56.3 to 66.6)	1.4 (1.0 to 1.7)	1.5 (1.3 to 1.8)	0.9 (-0.1 to 1.9)
Guatemala	39.5 (36.7 to 42.8)	47.2 (43.3 to 51.0)	52.2 (46.1 to 57.8)	1.0 (0.4 to 1.4)	0.9 (0.4 to 1.4)	1.1 (-0.6 to 2.6)
Honduras	46.9 (43.5 to 50.2)	52.7 (48.8 to 57.2)	54.5 (49.2 to 58.4)	0.5 (0.1 to 0.8)	0.6 (0.1 to 1.1)	0.3 (-0.8 to 1.3)
Mexico	46.2 (44.3 to 48.1)	57.8 (55.9 to 59.6)	61.4 (56.4 to 66.8)	1.0 (0.7 to 1.3)	1.1 (1.0 to 1.3)	0.7 (-0.2 to 1.5)
Nicaragua	47.4 (44.7 to 49.8)	54.1 (52.3 to 56.1)	57.1 (54.0 to 60.8)	0.6 (0.4 to 0.9)	0.7 (0.4 to 0.9)	0.6 (-0.2 to 1.4)
Panama	53.9 (52.2 to 55.9)	63.9 (62.1 to 65.7)	71.3 (65.4 to 76.3)	1.0 (0.6 to 1.2)	0.8 (0.7 to 1.0)	1.2 (0.3 to 2.1)
Venezuela	51.2 (47.3 to 54.0)	60.3 (58.4 to 62.3)	61.1 (55.1 to 66.3)	0.6 (0.2 to 1.0)	0.8 (0.6 to 1.2)	0.1 (-1.0 to 1.1)
<b>Tropical Latin America</b>	<b>42.0</b> <b>(39.8 to 44.2)</b>	<b>59.1</b> <b>(57.6 to 60.8)</b>	<b>64.8</b> <b>(63.0 to 66.7)</b>	<b>1.5</b> <b>(1.3 to 1.7)</b>	<b>1.7</b> <b>(1.5 to 2.0)</b>	<b>1.0</b> <b>(0.8 to 1.3)</b>
Brazil	41.6 (39.5 to 43.9)	59.1 (57.6 to 60.8)	64.8 (63.0 to 66.7)	1.5 (1.4 to 1.7)	1.7 (1.5 to 2.0)	1.0 (0.8 to 1.3)
Paraguay	53.3 (50.6 to 55.9)	59.5 (57.3 to 61.8)	63.4 (57.9 to 68.2)	0.6 (0.2 to 0.9)	0.6 (0.3 to 0.8)	0.7 (-0.3 to 1.6)
<b>North Africa and Middle East</b>	<b>44.4</b> <b>(43.0 to 45.8)</b>	<b>55.6</b> <b>(54.5 to 56.7)</b>	<b>60.5</b> <b>(58.3 to 62.6)</b>	<b>1.1</b> <b>(0.9 to 1.2)</b>	<b>1.1</b> <b>(1.0 to 1.3)</b>	<b>0.9</b> <b>(0.6 to 1.3)</b>
<b>North Africa and Middle East</b>	<b>44.4</b> <b>(43.0 to 45.8)</b>	<b>55.6</b> <b>(54.5 to 56.7)</b>	<b>60.5</b> <b>(58.3 to 62.6)</b>	<b>1.1</b> <b>(0.9 to 1.2)</b>	<b>1.1</b> <b>(1.0 to 1.3)</b>	<b>0.9</b> <b>(0.6 to 1.3)</b>
Afghanistan	21.9 (17.1 to 27.2)	31.0 (25.5 to 36.4)	39.2 (33.6 to 45.1)	2.0 (1.3 to 2.9)	1.7 (0.6 to 3.0)	2.6 (1.2 to 4.0)
Algeria	48.7 (45.3 to 51.9)	62.5 (59.5 to 65.5)	64.8 (61.4 to 68.3)	1.0 (0.7 to 1.3)	1.3 (0.9 to 1.7)	0.4 (-0.3 to 1.2)
Bahrain	54.8 (52.2 to 57.4)	66.3 (64.1 to 68.6)	70.6 (66.4 to 74.5)	0.9 (0.6 to 1.1)	1.0 (0.7 to 1.2)	0.7 (0.0 to 1.4)
Egypt	38.2 (35.1 to 40.9)	49.9 (47.4 to 52.8)	54.7 (49.0 to 60.6)	1.2 (0.8 to 1.7)	1.3 (1.1 to 1.7)	1.0 (-0.3 to 2.2)
Iran	52.6 (50.1 to 54.8)	62.1 (60.3 to 63.8)	69.6 (67.4 to 71.4)	1.0 (0.8 to 1.1)	0.8 (0.7 to 1.0)	1.3 (1.0 to 1.5)

	UHC effective coverage index			Annualised rate of change (%)		
	1990	2010	2019	1990-2019	1990-2010	2010-2019
Iraq	45.4 (42.5 to 48.2)	50.5 (46.6 to 55.0)	57.7 (53.5 to 62.4)	0.8 (0.5 to 1.2)	0.6 (0.1 to 1.0)	1.5 (0.7 to 2.2)
Jordan	53.0 (49.8 to 56.4)	68.0 (65.4 to 70.8)	70.0 (66.9 to 72.8)	1.0 (0.7 to 1.2)	1.2 (0.9 to 1.6)	0.3 (-0.3 to 0.9)
Kuwait	65.4 (61.7 to 67.9)	75.1 (73.4 to 76.7)	81.9 (78.6 to 84.9)	0.8 (0.6 to 1.0)	0.7 (0.5 to 1.0)	1.0 (0.4 to 1.4)
Lebanon	54.3 (51.4 to 56.7)	69.0 (67.0 to 71.3)	74.5 (72.5 to 76.6)	1.1 (0.9 to 1.3)	1.2 (1.0 to 1.5)	0.8 (0.5 to 1.2)
Libya	57.7 (54.2 to 61.6)	66.6 (64.8 to 68.4)	66.4 (62.3 to 70.6)	0.5 (0.1 to 0.8)	0.7 (0.4 to 1.0)	-0.0 (-0.8 to 0.7)
Morocco	41.0 (38.0 to 44.3)	53.2 (49.5 to 57.6)	57.8 (54.6 to 62.5)	1.2 (0.8 to 1.6)	1.3 (0.8 to 1.9)	0.9 (0.1 to 1.7)
Oman	53.5 (49.7 to 57.6)	61.6 (59.9 to 63.2)	71.2 (69.0 to 73.3)	1.0 (0.7 to 1.3)	0.7 (0.3 to 1.1)	1.6 (1.3 to 2.0)
Palestine	47.2 (43.9 to 50.6)	56.6 (54.7 to 58.4)	61.3 (58.3 to 64.1)	0.9 (0.6 to 1.2)	0.9 (0.5 to 1.4)	0.9 (0.3 to 1.5)
Qatar	60.0 (55.4 to 63.7)	76.4 (72.2 to 79.3)	80.7 (75.9 to 83.3)	1.0 (0.7 to 1.3)	1.2 (0.8 to 1.6)	0.6 (-0.0 to 1.3)
Saudi Arabia	50.1 (45.3 to 55.6)	58.4 (55.9 to 61.2)	64.2 (59.6 to 68.9)	0.8 (0.4 to 1.3)	0.8 (0.2 to 1.3)	1.0 (0.1 to 1.9)
Sudan	27.3 (22.4 to 33.2)	44.3 (39.5 to 49.6)	51.9 (47.1 to 56.6)	2.2 (1.5 to 2.9)	2.4 (1.4 to 3.5)	1.7 (0.8 to 2.7)
Syria	45.3 (42.0 to 49.3)	56.4 (52.9 to 59.8)	57.6 (52.6 to 62.5)	0.8 (0.3 to 1.3)	1.1 (0.5 to 1.6)	0.2 (-0.9 to 1.3)
Tunisia	55.9 (53.0 to 58.9)	63.5 (58.6 to 68.9)	68.2 (61.7 to 73.8)	0.7 (0.3 to 1.0)	0.6 (0.1 to 1.2)	0.8 (-0.2 to 1.6)
Turkey	47.8 (44.9 to 50.7)	64.1 (61.6 to 66.8)	69.2 (64.6 to 73.9)	1.3 (1.0 to 1.6)	1.5 (1.2 to 1.8)	0.8 (0.0 to 1.7)
United Arab Emirates	55.1 (50.5 to 59.7)	63.4 (59.4 to 67.1)	63.2 (56.8 to 69.9)	0.5 (0.0 to 0.9)	0.7 (0.2 to 1.2)	-0.0 (-1.1 to 1.2)
Yemen	30.1 (24.1 to 37.7)	47.7 (42.4 to 52.6)	49.1 (43.8 to 53.9)	1.7 (0.9 to 2.5)	2.3 (1.3 to 3.4)	0.3 (-0.7 to 1.3)
<b>South Asia</b>	<b>28.4</b> <b>(25.2 to 31.8)</b>	<b>42.1</b> <b>(39.6 to 44.6)</b>	<b>46.5</b> <b>(42.8 to 50.1)</b>	<b>1.7</b> <b>(1.3 to 2.1)</b>	<b>2.0</b> <b>(1.5 to 2.5)</b>	<b>1.1</b> <b>(0.2 to 2.0)</b>
<b>South Asia</b>	<b>28.4</b> <b>(25.2 to 31.8)</b>	<b>42.1</b> <b>(39.6 to 44.6)</b>	<b>46.5</b> <b>(42.8 to 50.1)</b>	<b>1.7</b> <b>(1.3 to 2.1)</b>	<b>2.0</b> <b>(1.5 to 2.5)</b>	<b>1.1</b> <b>(0.2 to 2.0)</b>
Bangladesh	31.7 (28.2 to 35.5)	50.3 (47.3 to 52.8)	53.7 (49.6 to 58.3)	1.8 (1.3 to 2.3)	2.3 (1.7 to 2.9)	0.8 (-0.1 to 1.6)
Bhutan	42.0 (35.0 to 52.0)	51.8 (47.7 to 56.5)	51.4 (45.3 to 57.3)	0.7 (-0.2 to 1.4)	1.1 (-0.1 to 2.0)	-0.1 (-1.3 to 0.9)
India	27.0 (23.1 to 30.7)	42.1 (39.3 to 45.0)	46.8 (42.4 to 51.5)	1.9 (1.4 to 2.5)	2.2 (1.7 to 2.9)	1.2 (0.1 to 2.3)
Nepal	29.3 (25.9 to 33.0)	44.8 (41.4 to 49.4)	47.2 (43.1 to 51.7)	1.7 (1.1 to 2.2)	2.1 (1.4 to 2.9)	0.6 (-0.4 to 1.5)
Pakistan	36.3 (31.8 to 41.1)	35.1 (30.5 to 40.0)	39.3 (33.1 to 45.1)	0.3 (-0.4 to 0.8)	-0.2 (-1.0 to 0.6)	1.2 (-0.8 to 3.3)
<b>Southeast Asia, east Asia, and Oceania</b>	<b>48.5</b> <b>(46.0 to 51.1)</b>	<b>59.4</b> <b>(56.9 to 61.6)</b>	<b>65.0</b> <b>(61.0 to 68.5)</b>	<b>1.0</b> <b>(0.8 to 1.3)</b>	<b>1.0</b> <b>(0.7 to 1.3)</b>	<b>1.0</b> <b>(0.2 to 1.7)</b>
<b>East Asia</b>	<b>49.9</b> <b>(46.9 to 53.2)</b>	<b>63.1</b> <b>(60.0 to 65.9)</b>	<b>69.7</b> <b>(64.1 to 74.6)</b>	<b>1.1</b> <b>(0.8 to 1.5)</b>	<b>1.2</b> <b>(0.8 to 1.5)</b>	<b>1.1</b> <b>(0.1 to 2.0)</b>
China	49.7 (46.6 to 53.2)	63.1 (59.9 to 66.0)	69.9 (64.1 to 74.9)	1.2 (0.8 to 1.5)	1.2 (0.8 to 1.6)	1.1 (0.1 to 2.1)
North Korea	46.5 (42.9 to 50.5)	49.7 (47.3 to 53.0)	52.9 (49.5 to 56.1)	0.4 (0.1 to 0.8)	0.3 (-0.1 to 0.8)	0.7 (-0.0 to 1.3)
Taiwan (province of China)	62.7 (60.8 to 64.6)	77.4 (75.7 to 78.9)	79.3 (74.7 to 82.7)	0.8 (0.6 to 1.0)	1.0 (0.9 to 1.2)	0.3 (-0.4 to 0.8)
<b>Oceania</b>	<b>37.4</b> <b>(34.5 to 40.3)</b>	<b>35.3</b> <b>(31.3 to 39.3)</b>	<b>39.0</b> <b>(32.9 to 45.5)</b>	<b>0.2</b> <b>(-0.4 to 0.7)</b>	<b>-0.3</b> <b>(-0.8 to 0.2)</b>	<b>1.2</b> <b>(-0.0 to 2.3)</b>
American Samoa	53.9 (51.3 to 56.0)	54.1 (51.5 to 56.0)	53.3 (49.7 to 56.3)	-0.0 (-0.3 to 0.2)	0.0 (-0.2 to 0.3)	-0.2 (-0.8 to 0.5)
Cook Islands	52.9 (50.2 to 55.3)	64.5 (62.3 to 66.7)	62.3 (58.2 to 66.5)	0.6 (0.3 to 0.9)	1.0 (0.7 to 1.3)	-0.4 (-1.1 to 0.3)
Fiji	44.3 (41.2 to 47.6)	42.4 (40.7 to 44.3)	45.2 (40.4 to 49.9)	0.1 (-0.4 to 0.5)	-0.2 (-0.6 to 0.2)	0.7 (-0.5 to 1.8)
Guam	63.0 (60.9 to 64.9)	67.1 (65.2 to 68.9)	63.8 (60.6 to 66.8)	0.0 (-0.2 to 0.2)	0.3 (0.1 to 0.5)	-0.6 (-1.2 to -0.0)
Kiribati	25.8 (23.4 to 28.8)	32.0 (29.6 to 35.2)	35.7 (32.1 to 39.8)	1.1 (0.5 to 1.7)	1.1 (0.4 to 1.7)	1.2 (0.1 to 2.3)
Marshall Islands	38.7 (36.4 to 41.4)	42.1 (38.9 to 45.9)	43.9 (39.1 to 49.5)	0.4 (-0.1 to 0.9)	0.4 (-0.1 to 0.9)	0.5 (-0.8 to 1.7)
Federated States of Micronesia	39.5 (30.2 to 38.3)	38.4 (34.9 to 41.8)	41.9 (31.1 to 39.8)	0.2 (-0.5 to 0.7)	-0.2 (-0.2 to 1.3)	-1.1 (-2.1 to 0.0)
Nauru	47.8 (37.0 to 42.6)	48.4 (35.7 to 40.9)	48.9 (39.0 to 46.1)	0.1 (-0.1 to 0.5)	0.1 (-0.6 to 0.2)	0.1 (0.2 to 2.0)
Niue	47.8 (44.5 to 50.6)	48.4 (45.3 to 51.6)	48.9 (44.8 to 53.3)	0.1 (-0.3 to 0.5)	0.1 (-0.3 to 0.4)	0.1 (-0.6 to 0.9)
Northern Mariana Islands	62.6 (60.2 to 64.5)	63.6 (61.6 to 65.9)	60.4 (58.1 to 63.0)	-0.1 (-0.3 to 0.1)	0.1 (-0.1 to 0.3)	-0.6 (-1.1 to -0.1)
Palau	46.1 (41.4 to 49.8)	49.4 (46.2 to 52.9)	44.8 (41.1 to 49.6)	-0.1 (-0.5 to 0.4)	0.3 (-0.2 to 1.0)	-1.0 (-2.0 to -0.0)
Papua New Guinea	35.5 (31.6 to 39.7)	33.0 (27.8 to 38.1)	37.6 (30.2 to 45.3)	0.2 (-0.5 to 0.9)	-0.4 (-1.1 to 0.3)	1.5 (-0.0 to 3.0)

	UHC effective coverage index			Annualised rate of change (%)		
	1990	2010	2019	1990-2019	1990-2010	2010-2019
Samoa	39.5 (35.1 to 43.4)	43.5 (39.3 to 47.2)	49.8 (44.4 to 55.0)	0.8 (0.3 to 1.3)	0.5 (-0.2 to 1.2)	1.5 (0.4 to 2.6)
Solomon Islands	25.3 (22.4 to 28.8)	33.1 (30.8 to 35.6)	39.3 (37.0 to 41.8)	1.5 (1.0 to 2.0)	1.3 (0.6 to 2.0)	1.9 (1.1 to 2.7)
Tokelau	43.2 (38.4 to 47.4)	52.6 (47.9 to 56.5)	52.7 (47.4 to 57.7)	0.7 (0.2 to 1.2)	1.0 (0.4 to 1.6)	0.0 (-0.8 to 0.9)
Tonga	53.9 (50.9 to 57.5)	51.7 (47.9 to 55.4)	52.6 (47.6 to 56.8)	-0.1 (-0.5 to 0.3)	-0.2 (-0.7 to 0.2)	0.1 (-0.7 to 1.0)
Tuvalu	29.2 (25.9 to 33.1)	38.8 (35.2 to 42.9)	39.6 (34.1 to 45.0)	1.1 (0.2 to 1.7)	1.4 (0.5 to 2.2)	0.2 (-1.1 to 1.4)
Vanuatu	33.2 (28.3 to 39.0)	33.6 (29.4 to 37.9)	34.1 (29.2 to 39.7)	0.1 (-0.7 to 0.8)	0.1 (-0.9 to 1.0)	0.1 (-1.4 to 1.7)
<b>Southeast Asia</b>	<b>44.8</b> <b>(42.8 to 46.7)</b>	<b>51.2</b> <b>(49.4 to 53.1)</b>	<b>55.1</b> <b>(52.0 to 58.0)</b>	<b>0.7</b> <b>(0.5 to 0.9)</b>	<b>0.7</b> <b>(0.4 to 0.9)</b>	<b>0.8</b> <b>(0.1 to 1.5)</b>
Cambodia	30.1 (26.5 to 33.6)	50.0 (46.9 to 53.2)	56.9 (53.7 to 61.1)	2.2 (1.7 to 2.7)	2.5 (1.9 to 3.3)	1.5 (0.7 to 2.3)
Indonesia	38.6 (35.4 to 41.9)	47.3 (43.9 to 51.0)	48.6 (42.2 to 54.9)	0.8 (0.3 to 1.3)	1.0 (0.5 to 1.5)	0.3 (-1.4 to 1.8)
Laos	15.4 (11.4 to 19.4)	34.3 (29.2 to 40.3)	43.8 (38.3 to 49.2)	3.6 (2.7 to 4.7)	4.0 (2.6 to 5.6)	2.7 (1.1 to 4.4)
Malaysia	51.3 (49.4 to 53.0)	62.2 (60.3 to 63.8)	66.6 (62.3 to 70.7)	0.9 (0.6 to 1.2)	1.0 (0.8 to 1.1)	0.8 (-0.0 to 1.5)
Maldives	36.8 (33.7 to 40.2)	63.3 (61.4 to 65.1)	66.9 (64.0 to 69.9)	2.1 (1.7 to 2.4)	2.7 (2.3 to 3.1)	0.6 (-0.0 to 1.2)
Mauritius	43.8 (41.5 to 46.0)	49.0 (47.0 to 51.0)	55.9 (51.3 to 60.0)	0.8 (0.5 to 1.2)	0.6 (0.4 to 0.8)	1.4 (0.5 to 2.3)
Myanmar	28.0 (23.6 to 33.3)	39.1 (35.5 to 42.5)	46.9 (42.9 to 50.9)	1.8 (1.1 to 2.5)	1.6 (0.7 to 2.7)	2.1 (0.9 to 3.2)
Philippines	59.8 (56.2 to 62.9)	49.2 (45.9 to 52.3)	54.8 (48.5 to 60.5)	-0.3 (-0.7 to 0.1)	-1.0 (-1.3 to -0.6)	1.2 (-0.2 to 2.4)
Seychelles	53.9 (52.0 to 55.8)	60.2 (58.5 to 61.8)	61.5 (59.5 to 63.5)	0.5 (0.3 to 0.6)	0.5 (0.4 to 0.7)	0.2 (-0.2 to 0.7)
Sri Lanka	53.1 (50.4 to 56.0)	57.1 (55.0 to 59.0)	65.6 (59.7 to 71.2)	0.7 (0.3 to 1.1)	0.4 (0.1 to 0.6)	1.5 (0.4 to 2.5)
Thailand	57.6 (55.2 to 59.9)	65.5 (62.8 to 68.0)	71.6 (66.2 to 76.6)	0.8 (0.4 to 1.0)	0.6 (0.4 to 0.9)	1.0 (0.0 to 1.9)
Timor-Leste	30.4 (26.3 to 36.2)	45.2 (40.6 to 53.1)	45.8 (41.1 to 51.6)	1.4 (0.6 to 2.1)	2.0 (1.0 to 3.0)	0.2 (-1.4 to 1.4)
Viet Nam	47.3 (43.2 to 51.6)	56.7 (54.8 to 58.5)	59.7 (56.7 to 63.0)	0.8 (0.4 to 1.2)	0.9 (0.5 to 1.4)	0.6 (0.0 to 1.2)
<b>Sub-Saharan Africa</b>	<b>27.1</b> <b>(24.7 to 29.4)</b>	<b>35.4</b> <b>(33.4 to 37.8)</b>	<b>45.0</b> <b>(42.3 to 47.8)</b>	<b>1.8</b> <b>(1.4 to 2.1)</b>	<b>1.3</b> <b>(1.0 to 1.7)</b>	<b>2.6</b> <b>(1.9 to 3.3)</b>
<b>Central sub-Saharan Africa</b>	<b>22.1</b> <b>(18.5 to 26.1)</b>	<b>30.1</b> <b>(26.3 to 34.8)</b>	<b>43.0</b> <b>(37.9 to 48.1)</b>	<b>2.3</b> <b>(1.6 to 3.0)</b>	<b>1.6</b> <b>(0.6 to 2.5)</b>	<b>3.9</b> <b>(2.5 to 5.3)</b>
Angola	18.5 (14.2 to 23.9)	31.5 (27.4 to 35.4)	39.1 (34.1 to 44.1)	2.6 (1.5 to 3.6)	2.7 (1.2 to 4.2)	2.4 (0.8 to 3.9)
Central African Republic	17.6 (14.4 to 21.7)	16.7 (12.5 to 22.3)	22.2 (16.3 to 29.3)	0.8 (-0.6 to 2.1)	-0.3 (-2.1 to 1.5)	3.0 (-0.0 to 6.3)
Congo (Brazzaville)	25.2 (21.4 to 29.7)	36.4 (32.2 to 41.0)	43.9 (38.6 to 49.3)	1.9 (1.2 to 2.6)	1.8 (0.9 to 2.8)	2.1 (0.7 to 3.4)
DR Congo	22.8 (18.3 to 27.8)	29.7 (24.9 to 35.7)	45.1 (39.5 to 51.1)	2.3 (1.6 to 3.2)	1.3 (0.1 to 2.5)	4.6 (2.9 to 6.3)
Equatorial Guinea	16.7 (12.1 to 21.9)	42.6 (35.7 to 49.4)	50.1 (42.3 to 56.3)	3.8 (2.6 to 5.0)	4.7 (3.1 to 6.4)	1.8 (0.4 to 3.3)
Gabon	35.8 (31.6 to 40.0)	41.8 (38.4 to 45.9)	52.9 (48.4 to 58.1)	1.3 (0.9 to 1.9)	0.8 (0.1 to 1.6)	2.7 (1.5 to 3.7)
<b>Eastern sub-Saharan Africa</b>	<b>25.6</b> <b>(23.4 to 27.9)</b>	<b>37.9</b> <b>(35.9 to 40.3)</b>	<b>48.1</b> <b>(45.5 to 51.2)</b>	<b>2.2</b> <b>(1.9 to 2.5)</b>	<b>2.0</b> <b>(1.6 to 2.3)</b>	<b>2.7</b> <b>(2.1 to 3.1)</b>
Burundi	27.0 (21.8 to 32.8)	38.0 (32.9 to 43.4)	50.0 (43.5 to 55.8)	2.1 (1.3 to 3.0)	1.7 (0.6 to 2.9)	3.0 (1.8 to 4.2)
Comoros	34.2 (27.3 to 54.0)	41.8 (36.8 to 46.6)	48.2 (42.7 to 53.8)	1.2 (-0.4 to 2.0)	1.0 (-1.3 to 2.1)	1.6 (0.3 to 2.8)
Djibouti	39.1 (32.8 to 44.6)	40.6 (34.5 to 47.1)	45.4 (38.7 to 52.0)	0.5 (-0.2 to 1.2)	0.2 (-0.7 to 1.2)	1.2 (-0.3 to 2.7)
Eritrea	17.7 (12.2 to 23.5)	35.0 (30.3 to 40.2)	42.3 (35.9 to 48.2)	3.0 (1.9 to 4.3)	3.4 (1.9 to 5.3)	2.1 (0.7 to 3.3)
Ethiopia	10.0 (7.3 to 13.4)	35.8 (32.3 to 39.5)	46.5 (42.3 to 51.0)	5.3 (4.3 to 6.5)	6.3 (5.0 to 8.0)	2.9 (2.0 to 3.9)
Kenya	42.8 (38.9 to 47.7)	42.0 (38.5 to 45.8)	51.7 (46.7 to 56.2)	0.6 (0.3 to 0.9)	-0.1 (-0.5 to 0.3)	2.3 (1.5 to 3.1)
Madagascar	30.6 (26.7 to 34.4)	36.4 (32.3 to 40.5)	39.7 (34.2 to 45.4)	0.9 (0.3 to 1.5)	0.9 (-0.0 to 1.7)	1.0 (-0.4 to 2.3)
Malawi	31.8 (28.1 to 35.4)	41.8 (38.6 to 45.3)	55.5 (51.9 to 59.1)	1.9 (1.5 to 2.4)	1.4 (0.8 to 2.0)	3.1 (2.2 to 4.0)
Mozambique	23.9 (19.2 to 29.8)	31.5 (27.9 to 35.5)	44.0 (39.4 to 48.7)	2.1 (1.3 to 3.0)	1.4 (0.3 to 2.5)	3.7 (2.3 to 5.1)
Rwanda	23.4 (19.6 to 27.8)	45.4 (42.0 to 49.1)	59.3 (54.5 to 64.4)	3.2 (2.5 to 3.8)	3.3 (2.5 to 4.1)	3.0 (2.2 to 3.8)
Somalia	15.2 (9.9 to 20.9)	18.8 (13.0 to 25.5)	24.1 (17.1 to 31.1)	1.6 (0.0 to 3.0)	1.1 (-0.9 to 3.0)	2.7 (-0.5 to 5.8)
South Sudan	31.8 (24.8 to 37.9)	34.5 (28.3 to 40.9)	41.6 (34.5 to 49.6)	0.9 (0.1 to 1.8)	0.4 (-0.6 to 1.5)	2.1 (0.3 to 3.9)

	UHC effective coverage index			Annualised rate of change (%)		
	1990	2010	2019	1990-2019	1990-2010	2010-2019
Uganda	29.1 (25.6 to 32.9)	39.9 (36.2 to 44.4)	52.7 (49.0 to 56.9)	2.0 (1.6 to 2.5)	1.6 (0.9 to 2.3)	3.1 (2.0 to 4.2)
Tanzania	35.5 (31.4 to 40.1)	45.1 (41.4 to 49.3)	55.2 (51.1 to 59.3)	1.5 (1.1 to 2.0)	1.2 (0.6 to 1.9)	2.2 (1.3 to 3.2)
Zambia	29.8 (26.0 to 33.6)	38.2 (35.1 to 41.1)	52.7 (49.0 to 56.6)	2.0 (1.4 to 2.6)	1.2 (0.5 to 2.0)	3.6 (2.5 to 4.5)
<b>Southern sub-Saharan Africa</b>	<b>47.3</b> <b>(44.3 to 49.9)</b>	<b>39.6</b> <b>(37.6 to 41.7)</b>	<b>58.1</b> <b>(55.5 to 60.6)</b>	<b>0.7</b> <b>(0.5 to 1.0)</b>	<b>-0.9</b> <b>(-1.2 to -0.5)</b>	<b>4.3</b> <b>(3.7 to 4.8)</b>
Botswana	44.6 (40.2 to 48.8)	46.4 (42.1 to 51.5)	57.5 (52.5 to 62.4)	0.9 (0.5 to 1.3)	0.2 (-0.3 to 0.8)	2.4 (1.3 to 3.3)
eSwatini	44.8 (40.7 to 49.0)	35.0 (30.8 to 39.5)	53.3 (48.4 to 58.6)	0.6 (0.1 to 1.1)	-1.2 (-2.1 to -0.4)	4.7 (3.4 to 6.1)
Lesotho	39.4 (35.4 to 43.4)	31.8 (28.3 to 35.6)	38.6 (33.9 to 44.3)	-0.1 (-0.6 to 0.5)	-1.1 (-1.8 to -0.3)	2.1 (1.0 to 3.3)
Namibia	43.8 (39.9 to 48.8)	49.2 (45.6 to 53.0)	62.1 (57.4 to 66.8)	1.2 (0.7 to 1.6)	0.6 (-0.0 to 1.1)	2.6 (1.8 to 3.4)
South Africa	48.8 (45.2 to 51.9)	40.7 (38.1 to 43.6)	59.7 (56.7 to 62.8)	0.7 (0.5 to 1.0)	-0.9 (-1.3 to -0.5)	4.3 (3.6 to 4.9)
Zimbabwe	44.5 (40.7 to 47.5)	34.2 (31.7 to 37.4)	54.5 (50.3 to 58.5)	0.7 (0.3 to 1.1)	-1.3 (-1.7 to -0.8)	5.1 (4.1 to 6.1)
<b>Western sub-Saharan Africa</b>	<b>24.4</b> <b>(20.9 to 27.9)</b>	<b>33.6</b> <b>(30.4 to 37.4)</b>	<b>40.2</b> <b>(36.3 to 44.5)</b>	<b>1.7</b> <b>(1.2 to 2.4)</b>	<b>1.6</b> <b>(0.9 to 2.3)</b>	<b>2.0</b> <b>(0.6 to 3.2)</b>
Benin	27.5 (23.1 to 31.5)	35.6 (30.8 to 40.4)	44.7 (38.2 to 51.0)	1.7 (0.9 to 2.4)	1.3 (0.3 to 2.3)	2.5 (1.1 to 3.9)
Burkina Faso	22.8 (18.8 to 27.3)	37.6 (34.0 to 42.9)	41.7 (37.8 to 46.6)	2.1 (1.4 to 2.8)	2.5 (1.7 to 3.5)	1.1 (-0.2 to 2.4)
Cape Verde	49.8 (47.4 to 52.3)	61.2 (59.2 to 63.1)	62.3 (58.6 to 65.1)	0.8 (0.5 to 1.0)	1.0 (0.8 to 1.3)	0.2 (-0.5 to 0.8)
Cameroon	29.1 (24.8 to 34.2)	30.9 (26.7 to 35.6)	42.3 (36.6 to 48.5)	1.3 (0.6 to 2.0)	0.3 (-0.7 to 1.3)	3.5 (1.8 to 5.0)
Chad	21.0 (16.7 to 25.2)	26.0 (22.4 to 30.1)	31.4 (26.4 to 36.7)	1.4 (0.5 to 2.4)	1.1 (-0.1 to 2.4)	2.1 (-0.0 to 4.0)
Côte d'Ivoire	26.4 (21.9 to 31.6)	33.7 (28.8 to 38.8)	42.7 (37.8 to 49.3)	1.7 (1.0 to 2.4)	1.2 (0.3 to 2.2)	2.7 (1.2 to 4.1)
The Gambia	47.6 (41.1 to 54.2)	45.8 (42.3 to 49.9)	48.1 (43.5 to 53.5)	0.0 (-0.6 to 0.7)	-0.2 (-0.9 to 0.6)	0.5 (-0.6 to 1.6)
Ghana	29.5 (24.6 to 34.7)	41.5 (38.1 to 45.3)	49.2 (45.5 to 53.1)	1.8 (1.1 to 2.5)	1.7 (0.8 to 2.7)	1.8 (0.9 to 2.8)
Guinea	20.8 (16.3 to 25.2)	31.4 (26.5 to 36.1)	32.4 (26.1 to 38.3)	1.5 (0.5 to 2.5)	2.1 (0.9 to 3.3)	0.4 (-1.8 to 2.3)
Guinea-Bissau	18.7 (14.6 to 23.3)	23.8 (20.3 to 28.2)	35.8 (30.4 to 41.5)	2.2 (1.3 to 3.4)	1.2 (-0.1 to 2.7)	4.5 (2.4 to 6.2)
Liberia	19.2 (14.9 to 23.3)	36.8 (32.8 to 41.2)	47.6 (41.9 to 53.7)	3.1 (2.3 to 4.1)	3.3 (2.3 to 4.6)	2.9 (1.6 to 4.1)
Mali	20.8 (16.7 to 25.6)	35.5 (31.0 to 39.8)	40.8 (34.5 to 46.6)	2.3 (1.4 to 3.2)	2.6 (1.5 to 3.8)	1.6 (-0.1 to 3.0)
Mauritania	27.2 (22.1 to 32.4)	46.3 (42.2 to 50.1)	53.1 (47.5 to 59.6)	2.3 (1.6 to 3.2)	2.7 (1.8 to 3.7)	1.5 (0.3 to 2.8)
Niger	18.0 (13.5 to 22.6)	31.6 (26.2 to 37.4)	35.1 (28.4 to 41.5)	2.3 (1.2 to 3.4)	2.9 (1.5 to 4.2)	1.2 (-1.0 to 3.0)
Nigeria	22.6 (16.9 to 28.3)	31.5 (26.3 to 37.2)	38.4 (31.8 to 44.7)	1.8 (0.9 to 2.9)	1.7 (0.3 to 3.1)	2.2 (-0.4 to 4.5)
São Tomé and Príncipe	41.6 (38.0 to 48.0)	51.0 (48.3 to 54.4)	54.7 (50.7 to 59.1)	0.9 (0.4 to 1.3)	1.0 (0.3 to 1.6)	0.8 (0.0 to 1.5)
Senegal	31.9 (27.6 to 38.7)	45.0 (41.8 to 49.1)	49.4 (44.9 to 54.9)	1.5 (0.7 to 2.2)	1.7 (0.8 to 2.4)	1.0 (-0.1 to 2.2)
Sierra Leone	28.2 (23.3 to 34.2)	36.8 (31.5 to 42.3)	42.1 (35.8 to 48.7)	1.4 (0.6 to 2.2)	1.3 (0.2 to 2.3)	1.5 (-0.2 to 3.1)
Togo	32.6 (28.4 to 36.7)	33.6 (29.7 to 37.7)	42.8 (37.9 to 48.0)	0.9 (0.3 to 1.5)	0.2 (-0.6 to 1.0)	2.7 (1.3 to 4.0)