

Chapter 2

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## **Statistical Appendix**

# Statistical Appendix for “Caring and sharing: Global analysis of happiness and kindness,” Chapter 2 in *World Happiness Report 2025*

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## 1 Data Sources and Variable Definitions

- Happiness score or subjective well-being (variable name *ladder*): The survey measure of SWB is from the November, 2024 release of the Gallup World Poll (GWP) covering years from 2005/06 to 2024. Unless stated otherwise, it is the national average response to the question of life evaluations. The English wording of the question is “Please imagine a ladder, with steps numbered from 0 at the bottom to 10 at the top. The top of the ladder represents the best possible life for you and the bottom of the ladder represents the worst possible life for you. On which step of the ladder would you say you personally feel you stand at this time?” This measure is also referred to as *Cantril life ladder*, or just *life ladder* in our analysis.
- The statistics of GDP per capita (variable name *gdp*) in purchasing power parity (PPP) at constant 2021 international dollar prices are from World Development Indicators (WDI, version 34, Last Updated: Oct 28, 2024). The GDP figures for Taiwan Province of China, Syria, State of Palestine, Venezuela, Djibouti and Yemen are from the Penn World Table 10.01, after adjusting the constant 2017 prices to 2021 price based on the U.S. inflation.
  - GDP per capita in 2024 are not yet available as of January 2025. We extend the GDP-per-capita time series from 2023 to 2024 using country-specific forecasts of real GDP growth in 2024 first from the OECD Economic Outlook No 116 (Edition 2024/2) and then, if missing, forecasts from World Bank’s Global Economic Prospects (Last Updated: 06/11/2024). The GDP growth forecasts are adjusted for population growth with the subtraction of 2022-23 population growth as the projected 2023-24 growth.
- Healthy Life Expectancy (HLE). Healthy life expectancies at birth are based on the data extracted from the World Health Organization’s (WHO) Global Health

Observatory data repository. The yearly data are available up to 2021 (Last updated: 2024-08-02). To match this report's sample period, extrapolation and interpolation (when necessary) are used. A few countries (regions) are missing in the WHO data. We compute the measure of healthy life expectancy using information from World Development Indicators' life expectancy measure, which is not adjusted for health, and the ratio of healthy life expectancy to life expectancy from Table 2 of "Healthy life expectancy for 187 countries, 1990-2010: a systematic analysis for the Global Burden Disease Study 2010" by Joshua A Salomon et al. in Lancet (2012).

- Social support (or having someone to count on in times of trouble) is the national average of the binary responses (either 0 or 1) to the GWP question "If you were in trouble, do you have relatives or friends you can count on to help you whenever you need them, or not?"
- Freedom to make life choices is the national average of responses to the GWP question "Are you satisfied or dissatisfied with your freedom to choose what you do with your life?"
- Generosity is the residual of regressing national average of response to the GWP question "Have you donated money to a charity in the past month?" on GDP per capita.
- Corruption Perception: The measure is the national average of the survey responses to two questions in the GWP: "Is corruption widespread throughout the government or not" and "Is corruption widespread within businesses or not?" The overall perception is just the average of the two 0-or-1 responses. In case the perception of government corruption is missing, we use the perception of business corruption as the overall perception. The corruption perception at the national level is just the average response of the overall perception at the individual level.
- Positive affect is defined as the average of three positive affect measures in GWP: laugh, enjoyment and doing interesting things in the Gallup World Poll. These measures are the responses to the following three questions, respectively: "Did you smile or laugh a lot yesterday?", and "Did you experience the following feelings during A LOT OF THE DAY yesterday? How about Enjoyment?", "Did you learn or do something interesting yesterday?"
- Negative affect is defined as the average of three negative affect measures in GWP. They are worry, sadness and anger, respectively the responses to "Did you experience the following feelings during A LOT OF THE DAY yesterday? How about Worry?", "Did you experience the following feelings during A LOT OF THE DAY yesterday? How about Sadness?", and "Did you experience the following feelings during A LOT OF THE DAY yesterday? How about Anger?"

- Institutional trust: The first principal component of the following five measures: confidence in the national government, confidence in the judicial system and courts, confidence in the honesty of elections, confidence in the local police force, and perceived corruption in business. This principal component is then used to create a binary measure of high institutional trust using the 75th percentile in the global distribution as the cutoff point; this way a country whose population tends to have a low level of institutional trust in the global distribution will have a low average institutional trust at the national level. This measure is not available for all countries since not all surveys in all countries ask all of the questions that are used to derive the principal component.

## 2 Coverage, Summary Statistics and Regression Tables

WP5 is GWP’s coding of countries including some sub-country territories such as Hong Kong. Not all the countries and territories appear in all the years. Our analysis does not cover all of the country/territories that have valid happiness scores.

To appear in regression analysis that uses data from outside the GWP survey, a wp5-year pair needs to have the necessary external information (GDP, healthy life expectancy, etc). The regression analysis thus does not necessarily cover all of the countries/territories in the GWP. Nor does it necessarily cover all the countries/territories that are ranked by their happiness scores in this report. The underlying principle is that we always use the largest available sample. For different kinds of analysis/ranking, the largest available samples can be different.

Regions: Some of the analysis includes dummy indicator for regions, namely Western Europe, Central and Eastern Europe, Commonwealth of Independent States, Southeast Asia, South Asia, East Asia, Latin America and Caribbean, North America and ANZ, Middle East and North Africa, and Sub-Saharan Africa. A later set of tables lists individual countries by their region grouping.

## 3 Imputed Missing Values in Our Exercise of Explaining Ladder Scores with Six Factors

We do not make use of any imputed missing values in our rankings of happiness and its supporting factors. The only place where we make use of imputation is when we try to decompose a country’s average ladder score into components explained by six hypothesized underlying determinants (GDP per person, healthy life expectancy, social support, perceived freedom to make life choice, generosity and perception of corruption). A small number of countries have missing values in one or more of these factors. The most prominent is about the perception of corruption in businesses and governments. In several countries, the relevant questions were not asked in the Gallup World Poll. For these countries we impute the missing values using the “control

of corruption” indicator from the Worldwide Governance Indicators (WGI) project. Specifically, the imputed value is calculated as the predicted value using estimates from a model that regresses Gallup World Poll’s perception of corruption on WGI’s control of corruption. We list in a later table all the countries that have the measure of corruption perception imputed in this way.

In a few cases, countries are missing one or more of the happiness factors in the most recent years, but the information is available in earlier years; for example they may have GDP statistics in 2021 but not in the period from 2022 to 2024. In this case we use the information from the last available year. There is a limit of 3 years for how far back we go in search of those missing values. A few territories/countries do not have data on healthy life expectancy in the World Health Organization’s (WHO) Global Health Observatory data repository. For Hong Kong, we calculate the health life-to-life expectancy ratio using estimates reported in “Healthy life expectancy in Hong Kong Special Administrative Region of China,” by C.K. Law, & P.S.F. Yip, published at the *Bulletin of the World Health Organization*, 2003, 81 (1). The same ratio information for Eswatini in the period 2005-2010 can be found in “Healthy life expectancy for 187 countries, 1990 - 2010: a systematic analysis for the Global Burden Disease Study 2010,” by Joshua A Salomon et al, *The Lancet*, Volume 380, Issue 9859. We then multiply the ratios for Hong Kong and Eswatini, respectively, with their life expectancy time series in the WDI to get the health life expectancy. The time series is then extrapolated to the end of our sample period just like for other countries. The Lancet article also provides information for Taiwan Province of China and State of Palestine. But the WDI does not provide life expectancy data for these two regions. For these two, we use their 2010 healthy life expectancy. For Kosovo, we adjust its time series of life expectancy (available in the World Development Indicators) to a time series of health life expectancy by assuming that its health life-to-life expectancy ratio equals to the world average. We note again we do not use any of the imputed values to generate country rankings. We use them only for our decomposition exercises, and the ranking of countries does not depend on those exercises.

Table 1: Number of ladder (WP16) observations for WP5-years - Part 1

Country/territory (ID)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
United States (1)	1001	1225	1004	1003	1005	1008	1008	2094	1005	2048	1019	1032	1013	1004	1026	1007	1005	1003	1005	1000
Egypt (2)	999	1024	1105	2112	2053	5296	4186	1149	1000	1000	1000	1000	1000	1000	2070	1002	1002	1001	1001	1001
Morocco (3)					1006	1001	3000	1007			2050	1008	1006	1001	1015	1006	1001	1015	1015	1019
Lebanon (4)	996	1000		1000	2010	2027	2007	2013	1000	1000	1000	1000	1000	1000	1040	1050	1000	1000	1000	1004
Saudi Arabia (5)	1004		1006	1150	2052	2038	2022	1077	2036	2035	1012	1000	1002	1003	1045	1043	1008	1023	1021	1018
Jordan (6)	1000		1016	1007	2016	2000	2000	2000	1000	1000	1000	1000	1012	1002	1001	1012	1000	1000	1000	1006
Syria (7)				1209	2100	2035	2041	2043	1022		1002									
Turkiye (8)	995		1001	1004	999	1000	1001	2000	1000	2003	1002	1001	1000	1000	2059	1000	1000	1000	1000	1000
Pakistan (9)	1001		1502	2484	3122	1030	1000	3012	1000	1000	1000	1000	1600	1000	1091	1000	1000	1012	1001	1000
Indonesia (10)		1180	1000	1050	1080	1080	1000	3000	1000	1000	1000	1000	1000	1000	2192	1062	1063	1002	1000	1073
Bangladesh (11)		1048	1200	1000	1000	1000	1000	3000	1000	1000	1000	1000	1000	1000	3072	1013	1000	1000	1000	1000
United Kingdom (12)	1037		1204	1001	1002	1000	9239	13408	750	2000	1000	1000	1000	1000	1025	1000	1000	1000	1000	1000
France (13)	1002	1220		1006	1000	1004	1001	2005	751	2000	1000	1000	1000	1000	1025	1000	1000	1000	1000	1000
Germany (14)	1001		1221	3016	2010	1007	9105	13269	751	2014	1000	2000	1000	1000	1025	1000	1000	1002	1001	1000
Netherlands (15)	1000		1000	1000		1001	1000	1000	751	2002	1003	1000	1001	1002	1029	1006	1000	1006	1016	1004
Belgium (16)	1003		1022	1002		1003	1002	1001	1006	2004	1037	1000	1001	1011	1025	1005	1010	1000	1000	1002
Spain (17)	1000		1004	1009	1005	1000	1006	2003	1004	2000	1000	1000	1000	1000	1025	1000	1000	1000	1002	1000
Italy (18)	1002		1008	1008	1005	1000	1005	2007	1004	2000	1000	1000	1000	1000	1025	1000	1000	1000	1000	1001
Poland (19)	1000		1000	1000	2000	1029	1000	1000	1000	1000	1000	1000	1000	1000	1080	1010	1001	1000	1002	1000
Hungary (20)	1025		1010		1008	1008	1014	1004	1019	1003	1000	1000	1000	1000	1080	1001	1000	1009	1006	1006
Czechia (21)	1001		1072			2082	1000	1005	1001	1008	1000	1000	1000	1000		1004	1008	1003	1003	1003
Romania (22)	1022		1000		1000	1000	1008	1000	1000	998	1001	1001	1001	1002	1080	1000	1009	1000	1000	1000
Sweden (23)	1000		1001	1000	1002	1002	1006	1000	750	2001	1000	1000	1000	1001	1025	1000	1010	1001	1001	1004
Greece (24)	1002		1000		1000	1000	1000	1000	1003	1000	1000	1000	1000	1000	1080	1002	1006	1000	1006	1004
Denmark (25)	1004		1009	1001	1000	1000	1005	1001	753	2002	1005	1000	1000	1000	1025	1000	1010	1001	1008	1005
Iran (26)	1300		1004	1040			1003	3507	1000	2009	1001	1000	1000	1002	1058	1009	1011	1007	1007	1008
Hong Kong SAR of China (27)		800		751	755	756	1028	1006		2017		1005	1007		1004	1005	1007	1004	1005	1006
Singapore (28)		1095	1000	2551	1005	1001	1000		1000	1000	1000	1000	1000	1000	1040		1000	1028	1000	1000
Japan (29)	1000		1150	3000	1000	1000	1000	2000	1001	2006	1003	1003	1002	1003	1023	1016	1007	1005	1009	1008
China (30)		3730	3733	3712	3833	4151	4220	9413	4244	4696	4265	4373	4141	3649	3709	3503	3500		2221	1009
India (31)		2100	3186	2000	3010	6000	3518	10080	5540	3000	3000	3000	3000	3000	6643	9453	3000	3000	3009	3086
Venezuela (32)	1000	1000		1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1080	1000	1000	1000	1002	1002
Brazil (33)	1029		1038	1032	1031	1043	1042	1002	2006	1007	1004	1001	1000	1000	3001	1002	1005	1000	1000	1000



Table 2: Number of ladder (WP16) observations for WP5-years - Part 2

Country/territory (ID)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Mexico (34)	1007		999	1000	1000	1000	1000	2000	1000	1017	1031	1000	1000	1034	1001	1010	1000	1000	1000	1038
Nigeria (35)		1000	1000	1000	1000	1000		2000	1002		1000	1000	1000	1000	3000	1004	1000	1000	1000	1000
Kenya (36)		1000	1000	2200	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1001	1008	1000	1000	1002	1003
Tanzania (37)		1000	1000	1000	1000	1000	1000	1000	1008	1008	1000	1000	1000	1000	1000	1001	1000	1001	1004	1001
Israel (38)		1002	1001	1001	1000	1000	1000	1000	1000	1000	1000	1000	1000	1010	1095	1057	1001	1000	1001	1001
State of Palestine (39)		1000	1000	1000	2014	2000	2000	2000	1000	1000	1000	1000	1000	1000	1090			1000	1000	1000
Ghana (40)		1000	1000	1000	1000	1000	1000	1000	1008	1000	1000	1000	1000	1000	1010	1000	1000	1000	1000	1000
Uganda (41)		1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1016	1000	1000	1000	1009
Benin (42)		1000		1000			1000	1000	1000	1000	1000	1000	1000	1000	1000	1042	1000	1000	1000	1000
Madagascar (43)		1000		1000			1000	1000	1008	1008	1000	1000	1000	1000	1000			1000	1000	1000
Malawi (44)		1000	1000		1000		1000	1000	1000	1000	1000	1000	1000	1000	1000			1000	1002	1002
South Africa (45)		1001	1000	1000	1000	1000	1000	2000	1000	1000	1000	1000	1000	1000	1060	1019	1032	1007	1000	1000
Canada (46)	1355		1010	1005	1011	1007	1013	2003	1021	2025	1011	1016	1005	1009	1031	1006	1008	1014	1004	1024
Australia (47)	1000		1205	1005		1000	1010	1002	1002	2002	1001	1004	1003	1001	1047	1003	1000	1000	1002	1000
Philippines (48)		1200	1000	1000	1000	1000	1000	2000	1000	1000	1000	1000	1000	1000	2090	1000	1000	1000	1000	1000
Sri Lanka (49)		1033	1000	1000	1000	1030	1000	2031	1030	1062	1062		1104	1109	1083	1000	1005	1000	1000	1000
Viet Nam (50)		1023	1015	1016	1008	1000	1000	2000	1017	1000	1000	1039	1002	1012	2000	1000	1020	1000	1000	1000
Thailand (51)		1410	1006	1038	1019	1000	1000	2000	1000	1000	1000	1000	1000	1000	2000	1000	1006	1000	1000	1003
Cambodia (52)		1000	1000	1024	1000	1000	1000	1000	1000	1000	1000	1000	1600	1000	1000	1002	1000	1000	1000	1000
Lao PDR (53)		1001	1000	1000			1000	1000					1000	2504	1070	1000	1000	1000	1000	1000
Myanmar (54)								1020	1020	1020	1020	1020	1600	1000	1100	1000	1000	1000	1000	1001
New Zealand (55)		1028	750	750		750	1000	1008	500	2001	1007	1004	1001	1001	1042	1002	1000	1000	1000	1000
Angola (56)							1000	1000	1000	1000										
Botswana (57)		1000		1000		1000	1000	1000	1000	1000	1000	1000	1000	1002	1114			1003	1005	1000
Ethiopia (60)								1500	1000	1004	1000	1000	1000	1000	2222	1003		1000	1000	1001
Mali (61)		1000		1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1130	1000	1000	1000	1000	1000
Mauritania (62)			1000	1000	1984	2000	2000	1000	1008	1000	1000	1000	1000	1000	1100			1000	1000	1000
Mozambique (63)		1000	1000	1000			1000				1000		1000	1000	1000		1000	1000	1000	1000
Niger (64)		1000	1000	1000	1000	1000	1000	1000	1008	1008	1000	1000	1000	1000	1000			1000	1000	1000
Rwanda (65)		1504		1000	1000		1000	1000	1000	1000	1000	1000	1000	1000	1000			1000	1000	1000
Senegal (66)		1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Zambia (67)		1001	1000	1000	1000		1000	1000	1000	1000	1000	1000	1000	1000	1000	1026	1000	1000	1000	1002
Republic of Korea (68)		1100	1000	1000	1000	1000	1001	2000	1000	2000	1000	1000	1000	1015	1016	1005	1001	1010	1003	1003

Table 3: Number of ladder (WP16) observations for WP5-years - Part 3

Country/territory (ID)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Taiwan Province of China (69)	1002	1000		1000	1000	1001	1000	1000	1000	2000	1000	1000	1000	1000	1030	1000	1000	1000	1003	1000
Afghanistan (70)		1010	2000	1000	1000	1000	1000	2000	1000	1000	1000	1000	1000	1000	1127		1000	1000	1000	
Belarus (71)	1092	1114	1091	1077	1013	1007	1052	1032	1036	1034	1039	1053	1061	1128						
Georgia (72)	1000	1000	1080	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1080	1003	1001	1000	1000	1000
Kazakhstan (73)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1080	1000	1000	1000	1000	1000
Kyrgyzstan (74)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1080	1000	1001	1000	1000	1000
Republic of Moldova (75)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1080	1000	1000	1000	1000	1000
Russian Federation (76)	2011	2949	2019	2042	4000	2000	3000	2000	2000	2000	2000	2000	2000	2000	3003	2022	2001	2006	2017	1000
Ukraine (77)	1102	1066	1074	1081	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1080	1001	1000	1000	1000	1000
Burkina Faso (78)	1000	1000	1000		1000	1000	1000	1000	1008	1000	1000	1000	1000	1000	1000	1007	1000		1000	1000
Cameroon (79)	1000	1000	1000	1000	1200	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Sierra Leone (80)	1000	1000	1000		1000	1000			1008	1008	1000	1000	1000	1000	1133		1000	1000	1000	1000
Zimbabwe (81)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1082	1004	1000	1000	1000	1001
Costa Rica (82)	1002	1002	1000	1000	1000	1006	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1001	1000	1000	1003
Albania (83)		981		1000	1000	1000	1006	1029	1035	999	1000	999	1000	1000	1080	1000	1000	1000	1000	1000
Algeria (84)					1000	2001	2027		1002			1001	1016	1000	1100	1016	1005	821		1003
Argentina (87)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1060	1000	1000	1005	1007	1000
Armenia (88)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1080		1002	1003	1000	1000
Austria (89)	1004		1001		2000	1004	1001	1000	1000	2000	1000	1000	1000	1000	1025	1000	1000	1000	1000	1000
Azerbaijan (90)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1080		1028	1000	1000	1000
Bahrain (92)				2128	2032	2010	1000	1000	1002	1005	2004	1010	1064		1060	1009			1009	1015
Belize (94)		502								504										509
Bhutan (95)									1000	1020	1020									
Bolivia (96)	1000	1000	1003	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1001	1004	1000	1000	1000
Bosnia and Herzegovina (97)		2002		1002	1000	1009	1005	1010	1001	1000	1000	1000	1000	1000	1080	1001	1000	1000	1000	1000
Bulgaria (99)		1003			2000	1006	1000	1000	1000	1000	1000	1000	1000	1001	1080	1000	1005	1000	1000	1000
Burundi (100)			1000	1000		1000			1000				1000							
Central African Republic (102)												1000	1000							
Chad (103)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1111			1000	1000	1000
Chile (104)	1007	1023	1108	1009	1007	1009	1003	1001	1032	1040	1008	1040	1000	1000	1060	1000	1001	1000	1000	1000
Colombia (105)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1003	1000
Comoros (106)				2000	2000	2000	1000							1000	1000			1000	1001	1000
DR Congo (107)				1000		1000	1000	1000	1000	1000	1000	1000	1000					1000	1000	1000



Table 4: Number of ladder (WP16) observations for WP5-years - Part 4

Country/territory (ID)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Congo (108)				1000			1000	500	1000	1000	1000	1000	1000	1000	1090	1002	1000	1000	1000	1000
Croatia (109)			1000		1009	1029	1029	1000	1000	1000	1000	1000	1000	1000	1080	1002	1002	1002	1004	1000
Cuba (110)	1000																			
Cyprus (111)	1000				502	1005	1005	500	500	2000	1029	1006	1008	1026	1043	1005	1019	1014	1022	1010
Djibouti (112)				1000	2000	1000	1000													
Dominican Republic (114)				1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1078	1000	1001	1000	1000	1000
Ecuador (115)	1067	1061	1001	1000	1000	1000	1003	1003	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
El Salvador (116)	1000	1001	1000	1000	1006	1001	1000	1000	1000	1000	1000	1000	1000	1000	1080	1000	1001	1000	1000	1000
Estonia (119)	1003	1001	601	608			1007	1004	1010	1000	1000	1000	1000	1000	1080	1000	1024	1004	1006	1006
Finland (121)	1010			1005		1000	1000	1000	750	2001	1000	1000	1000	1000	1025	1000	1005	1000	1011	1000
Gabon (122)							1000	1000	1008	1008	1000	1000	1000	1000	1070	1000	1000	1000	1000	1000
Guatemala (124)	1021	1000	1000	1015	1014	1000	1000	1000	1000	1000	1000	1000	1000	1000	1100			1000	1000	1000
Guinea (125)							1000	1000	1008	1000	1000	1000	1000	1000	1140	1005	1000	1000	1000	1000
Guyana (127)			501																	
Haiti (128)	505		500		504	504	504	504	504	504	504	504	504	500						
Honduras (129)	1000	1000	1000	1002	1000	1000	1002	1000	1000	1000	1000	1000	1000	1000	1000		1005	1000	1000	1004
Iceland (130)				502				1002	502		596	529	500		504	501	500	500	507	500
Iraq (131)				990	2001	2000	2000	2000	1003	2010	1009	1011	1000	2097		1000	1002	1046	1035	1000
Ireland (132)	1000			1001	500	1001	1000	1000	1000	2000	1000	1000	1000	1000	1025	1000	1000	1000	1002	1000
Côte d'Ivoire (134)				1000					1008	1000	1000	1000	1000	1000	1000	1021	1000	1000	1000	1000
Jamaica (135)	543						506		504	504			504		501	502	505	500		
Kuwait (137)	1000				2002	2004	2000	1000	1008	1013	2000	1000	1000		2023			1004	1071	1003
Latvia (138)	1000	1017	513	515			1006	1001	1000	1002	1001	1019	1002	1021	1080	1001	1017	1014	1001	1001
Lesotho (139)							1000					1000	1000		1000			1010		1020
Liberia (140)			1000	1000		1000				1000	1000	1000	1000	1000	1000			1001	1000	1000
Libya (141)								1002			1006	1001	1007	1004	1040			1000	1016	1000
Lithuania (143)	1015	1007	506		500	1001	1000	1000	1000	1000	1000	1000	1000	1000	1080	1002	1009	1000	1000	1012
Luxembourg (144)					500	1002	1000	1001	500	2000	1000	1000	1000	1000	1025			1000	1000	
North Macedonia (145)			1042		1008	1000	1018	1025	1020	1000	1024	1024	1008	1008	1080	1003	1024	1000	1000	1005
Malaysia (146)	1012	1233	1000	1011	1000	1000	1000	1000	1000	2008	1002				1000	1060	1000	1000	1000	1000
Maldives (147)															1000					
Malta (148)					508	1008	1004	1004	500	2013	1002	1011	1004	1010	1027	1001	1001	1002	1002	1006
Mauritius (150)							1000			1000		1000	1000	1000	1059	1000	1000	1000	1000	1000

Table 5: Number of ladder (WP16) observations for WP5-years - Part 5

Country/territory (ID)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Mongolia (153)			1000	1000		1000	1000	1000	1000	1000	1000	1000	1000	1000	1070	1000	1000	1000	1000	1000
Montenegro (154)			834		1003	1000	1000	1000	1000	1000	1000	1000	1000	1000	1080	1004		1000	1000	1000
Namibia (155)			1000						1000					1000	1005	1002	1000	1001	1003	1000
Nepal (157)		1002	1000	1003	1002	1000	1000	2000	1050	1050	1000	1000	1000	1000	1000	2095	1000	1000	1000	1000
Nicaragua (158)		1001	1000	1000	1012	1000	1003	1000	1000	1000	1000	1000	1000	1000	1080	1002	1010	1000	1000	1129
Norway (160)		1001	1000					1004		2000	1005	2000	1000	1000	1000	1025	1000	1007	1002	1004
Oman (161)							2016													1003
Panama (163)		1005	1000	1004	1018	1000	1000	1001	1000	1000	1000	1000	1000	1000	1080		1003	1000	1000	1010
Paraguay (164)		1001	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	2000		1079	1000	1001	1000	1000	1000
Peru (165)		1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1006	1000	1000	1000	1000
Portugal (166)		1007	1002			2002	1000	1001	1001	2020	1021	1008	1000	1003	1026	1002	1002	1002	1003	1001
Qatar (168)				2028	1000	1032	2000				1000									
Serbia (173)			1556		1008	1000	1001	1023	1030	1000	1000	1000	1000	1000	1080	1002	1000	1001	1000	1000
Slovakia (175)		1018				1007	1012	1007	1004	1000	1000	1000	1000	1000	1080	1001	1003	1001	1001	1001
Slovenia (176)		1009		500	1002	1001	1000	1001	1001	2020	1002	1000	1000	1000	1025	1001	1001	1030	1000	1001
Somalia (178)									1000	1000	1000	1191								1001
Sudan (181)				1784	1808	2000	1000	1000		1000										
Suriname (182)							504													
Eswatini (183)						1000								1000	1110		1000	1000	1043	
Switzerland (184)		1000		1003			1000			2010	501	1000	1000	1000	1025	1000	1000	1000	1001	1000
Tajikistan (185)		1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	3000	1080	1000	1000	1001	1000
The Gambia (186)													1000	1000	1120			1000	1000	1016
Togo (187)		1000	1000				1000			1000	1000	1000	1000	1000	1130		1000	1000	1000	1000
Trinidad and Tobago (189)		508	502				504		504			504								502
Tunisia (190)				1006	2085	2034	2053	2053	1053	1056	1000	1001	1001	1001	1000	1003	1000	1000	1000	1000
Turkmenistan (191)				1000		1000	1000	1000	1000	1000	1000	1000	1000	1000	1089					
United Arab Emirates (193)		1013			2054	2066	2036	2016	1000	1002	2903	1855	1850	1857	1413	2928	1002	1030	1000	1000
Uruguay (194)		1004	1004	1005	1000	1000	1000	1009	1000	1000	1000	1000	1000	1000	1080	1001	1000	1000	1000	1000
Uzbekistan (195)		1000		1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1080	1000	1000	1000	1000	1000
Yemen (197)			1000		2000	2000	2000	2000	1000	1000	1000	1000	1000	1000	1140			1000	1000	
Kosovo (198)			1046	1047	1000	1017	1047	1024	1000	1001	1000	1000	1000	1000	1088	1000	1000	1000	1001	1000
Somaliland region (199)																				
South Sudan (205)				2000	2000	2000	1000	1000		1000	1000	1000	1000							

Figure 1: Country-by-country trajectory plots - part 1



Figure 2: Country-by-country trajectory plots - part 2



Figure 3: Country-by-country trajectory plots - part 3

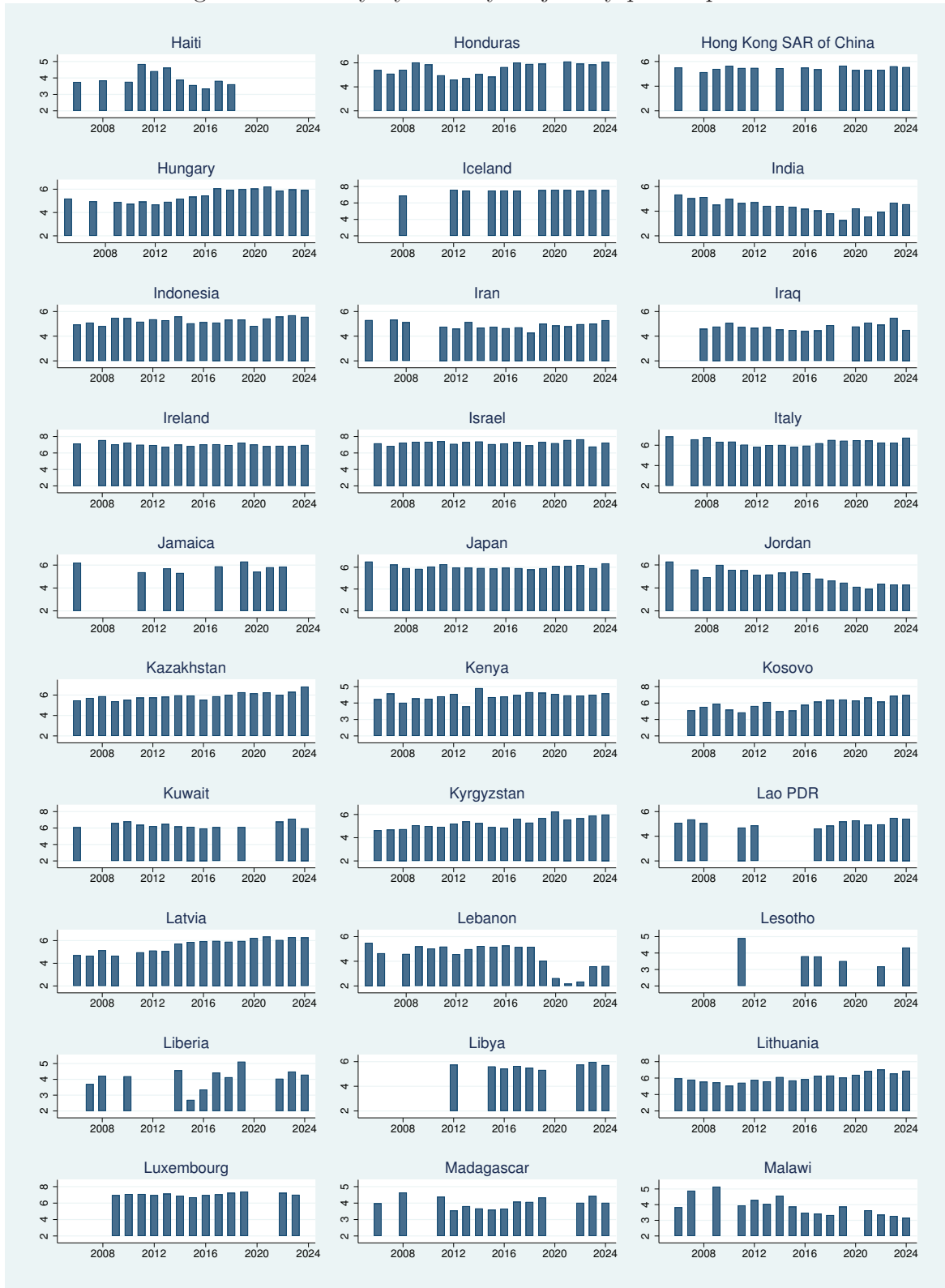


Figure 4: Country-by-country trajectory plots - part 4

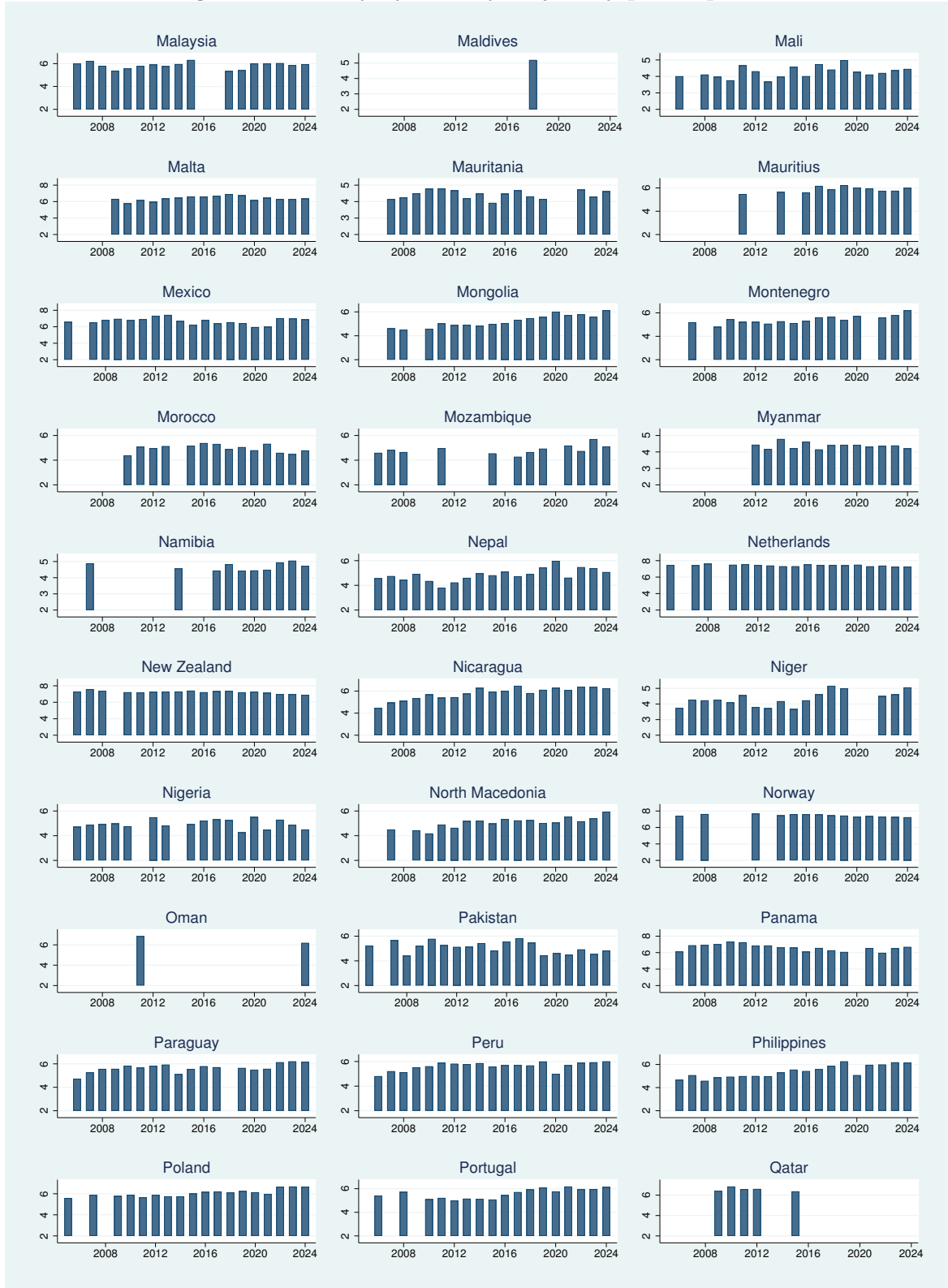




Figure 5: Country-by-country trajectory plots - part 5



Figure 6: Country-by-country trajectory plots - part 6



Figure 7: Country-by-country trajectory of prosociality - part 1

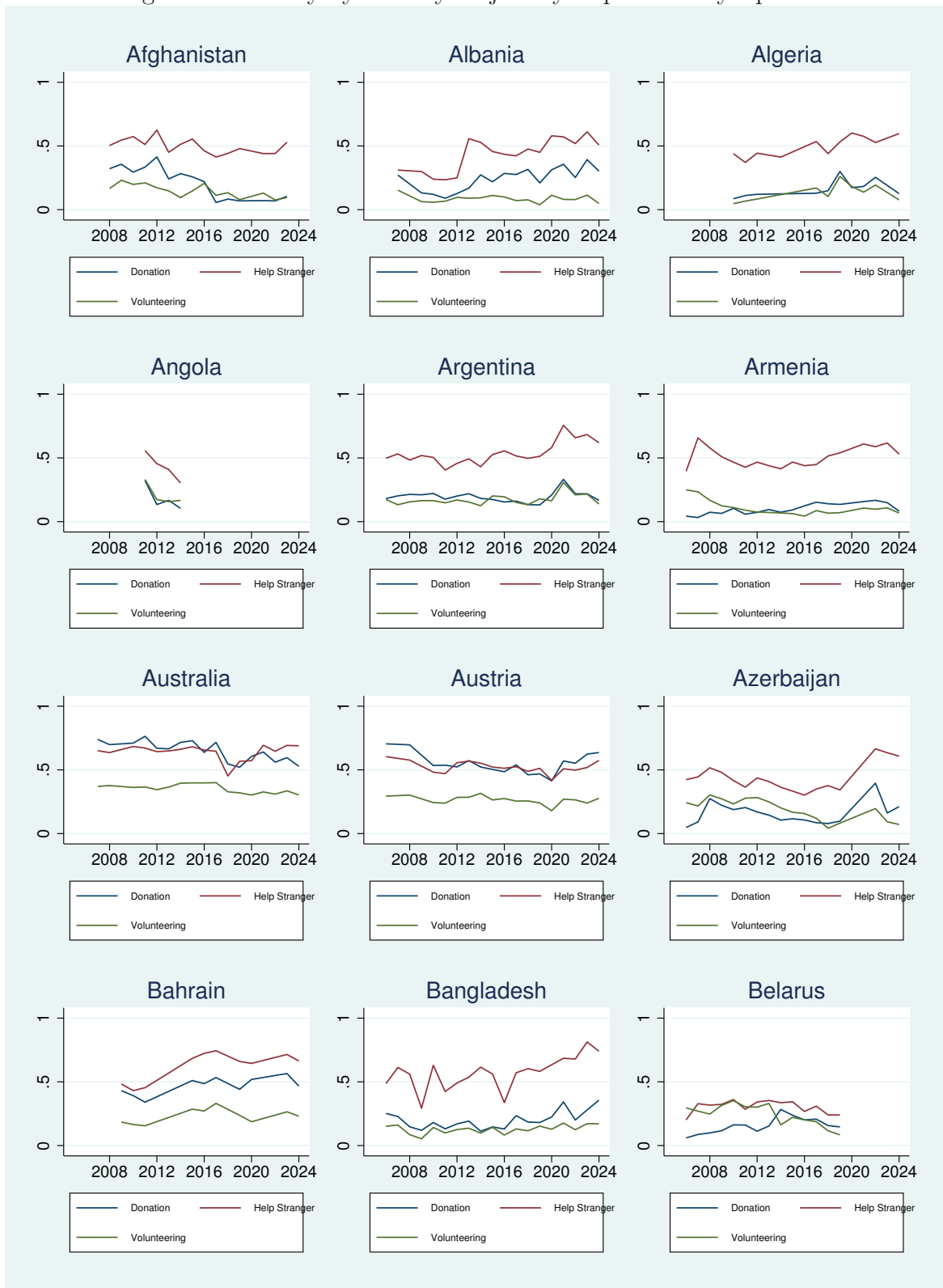


Figure 8: Country-by-country trajectory of prosociality - part 2

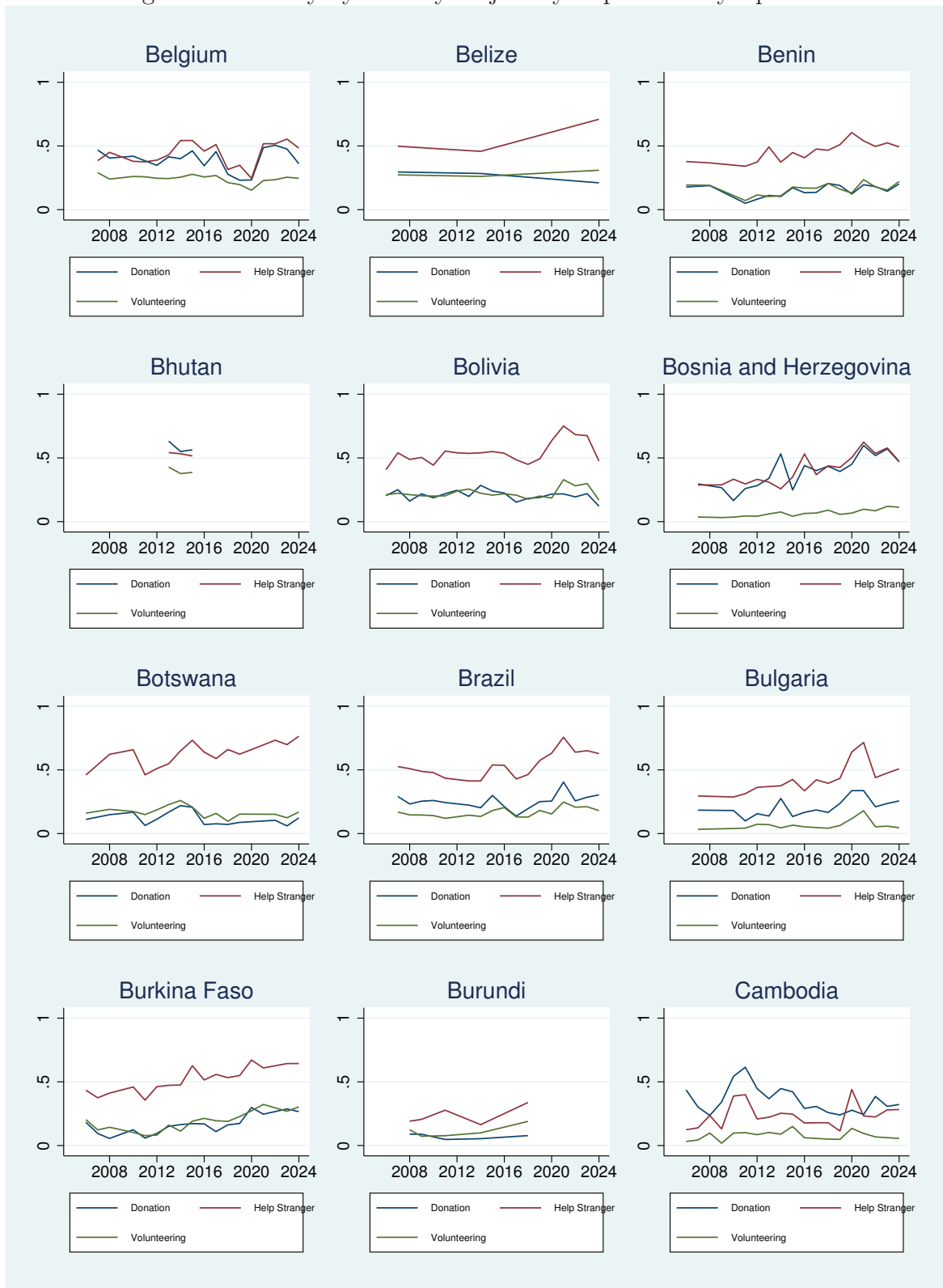


Figure 9: Country-by-country trajectory of prosociality - part 3

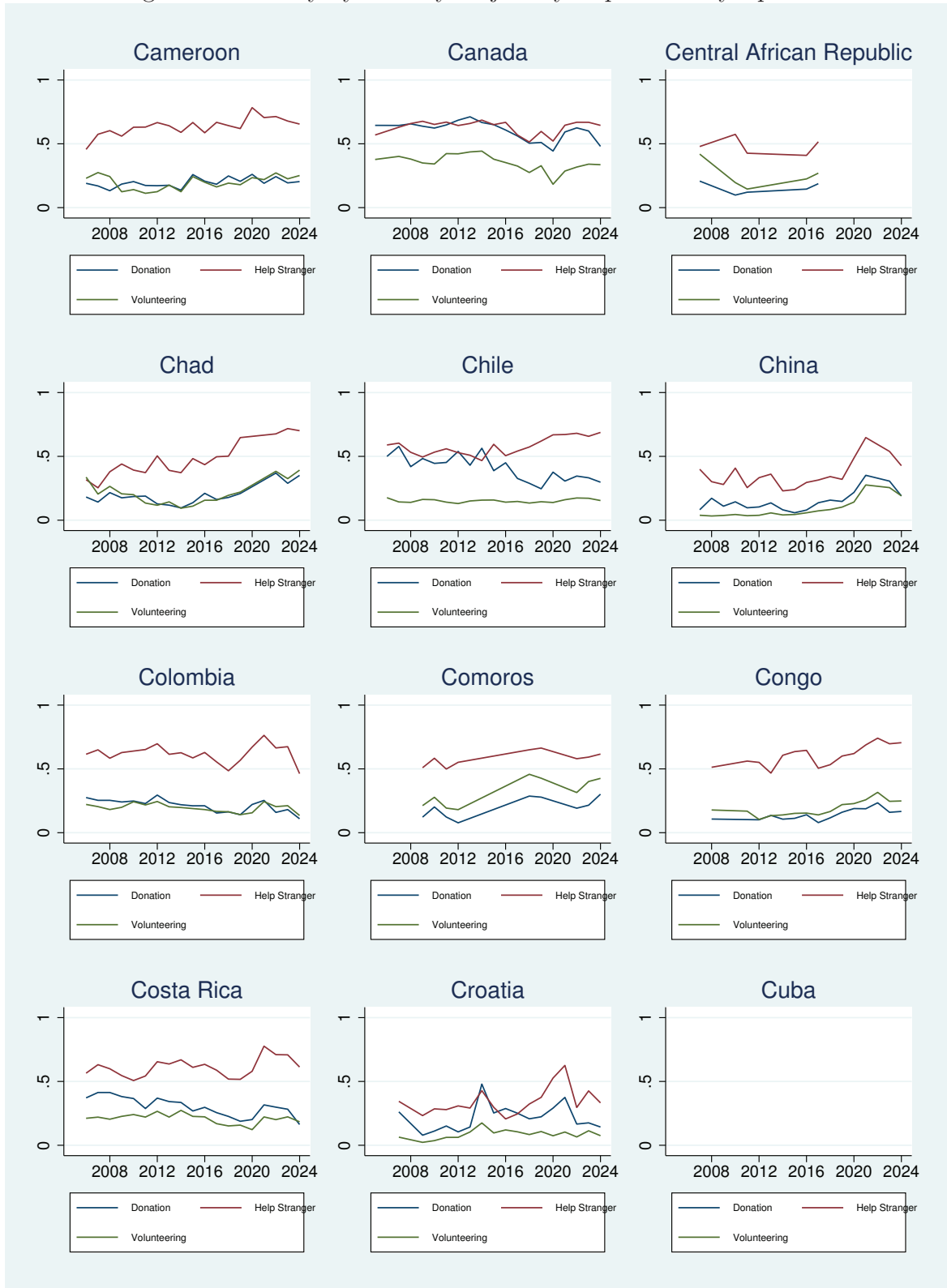


Figure 10: Country-by-country trajectory of prosociality - part 4

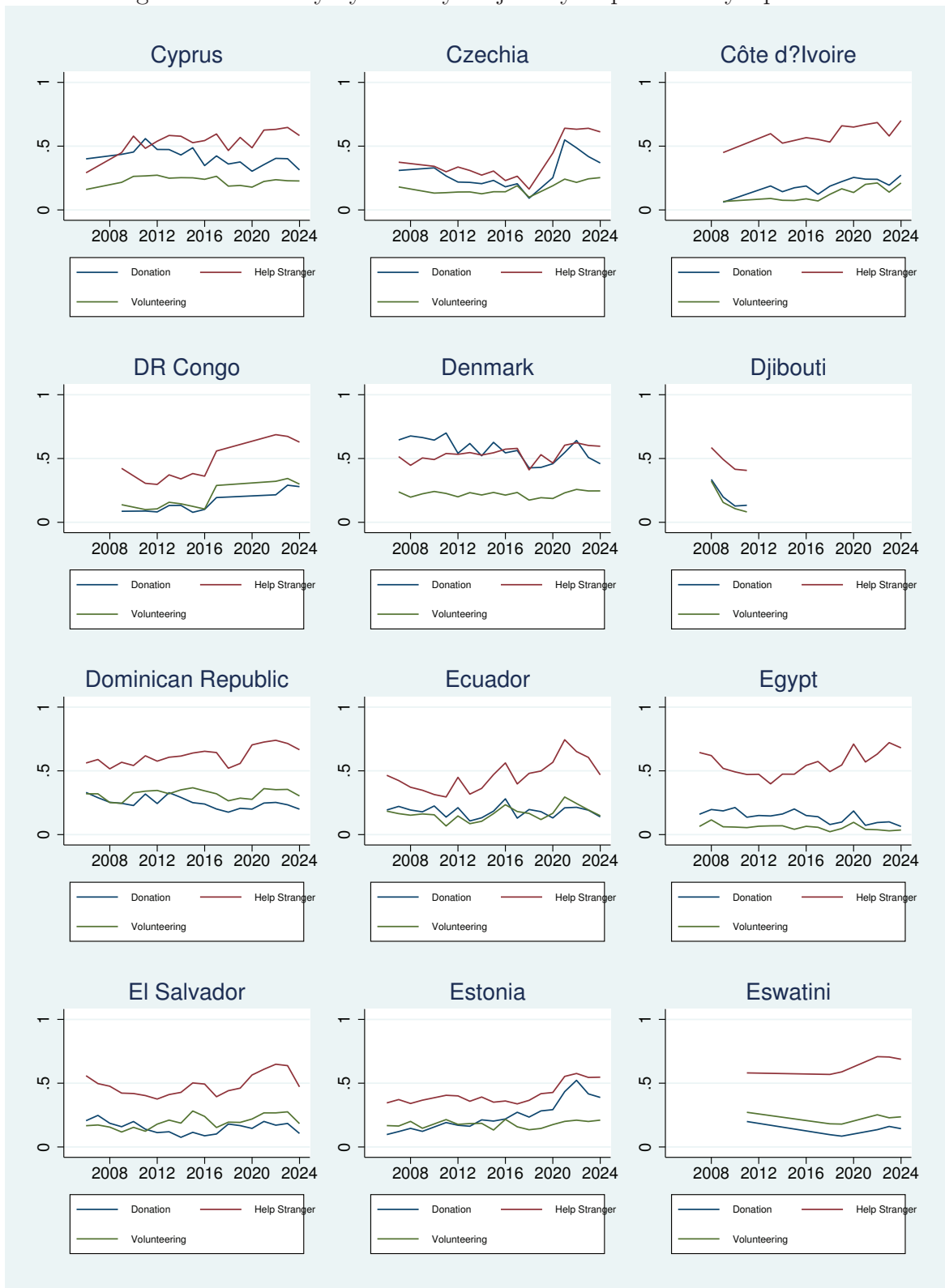




Figure 11: Country-by-country trajectory of prosociality - part 5

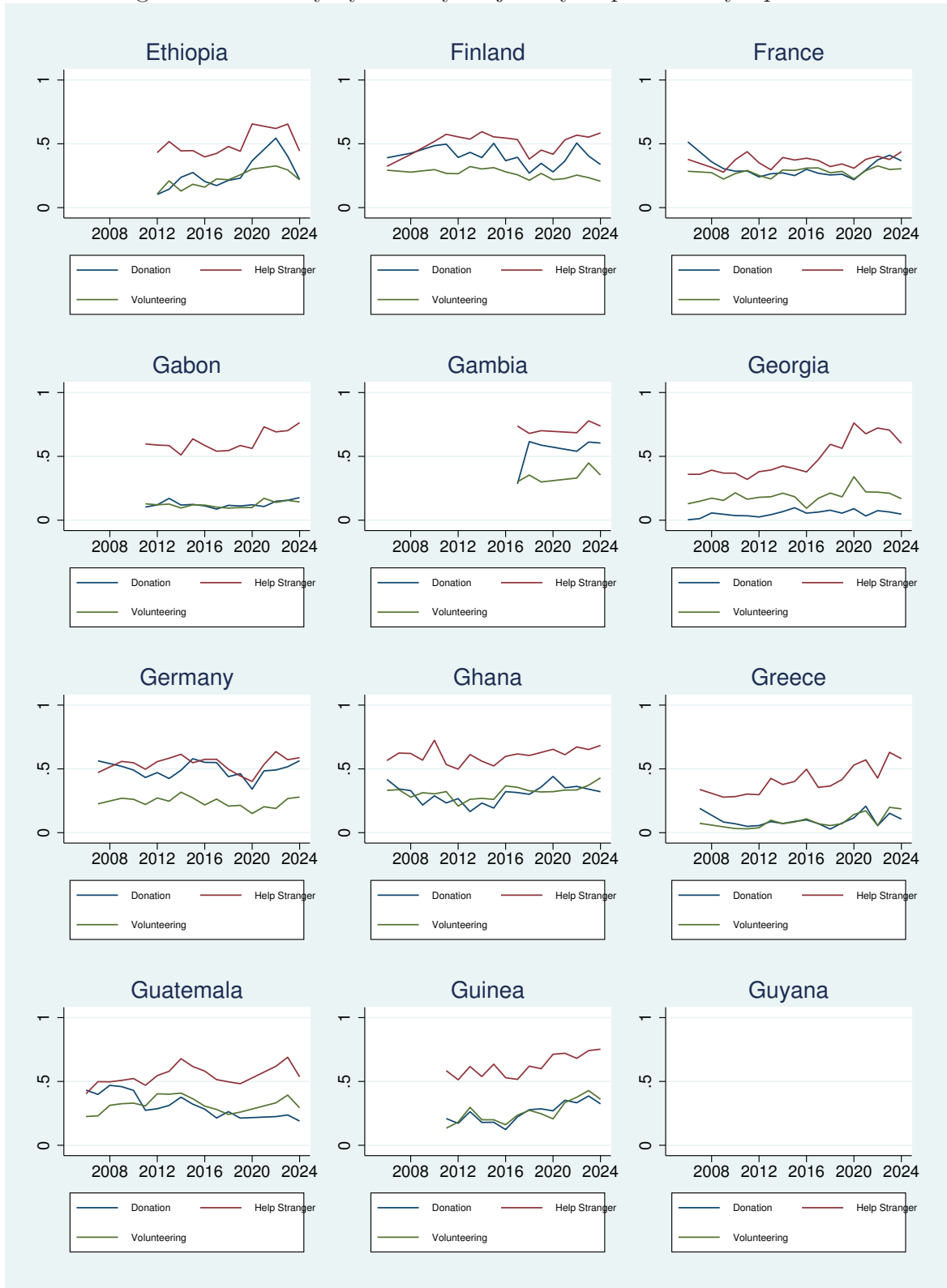


Figure 12: Country-by-country trajectory of prosociality - part 6

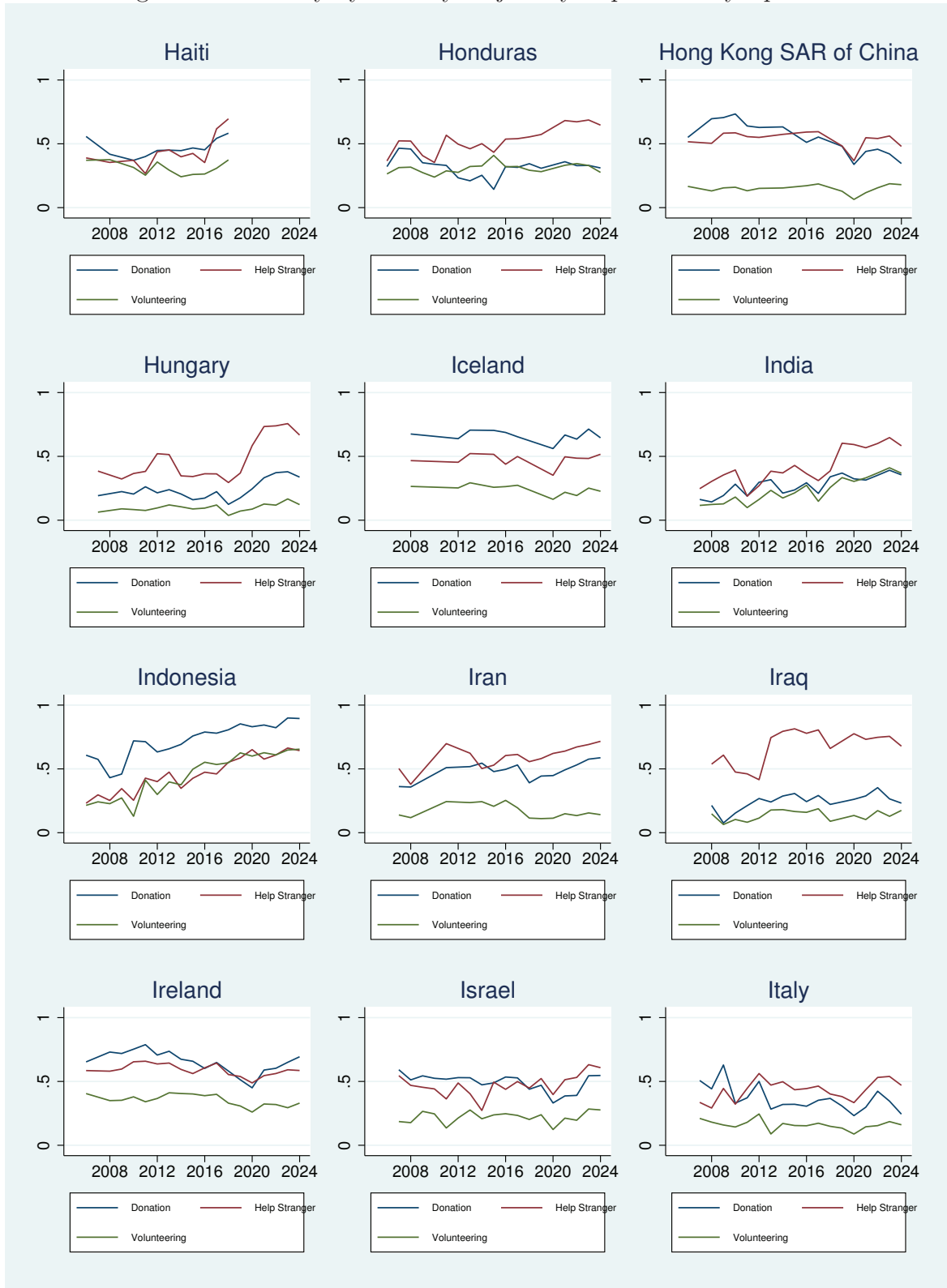


Figure 13: Country-by-country trajectory of prosociality - part 7

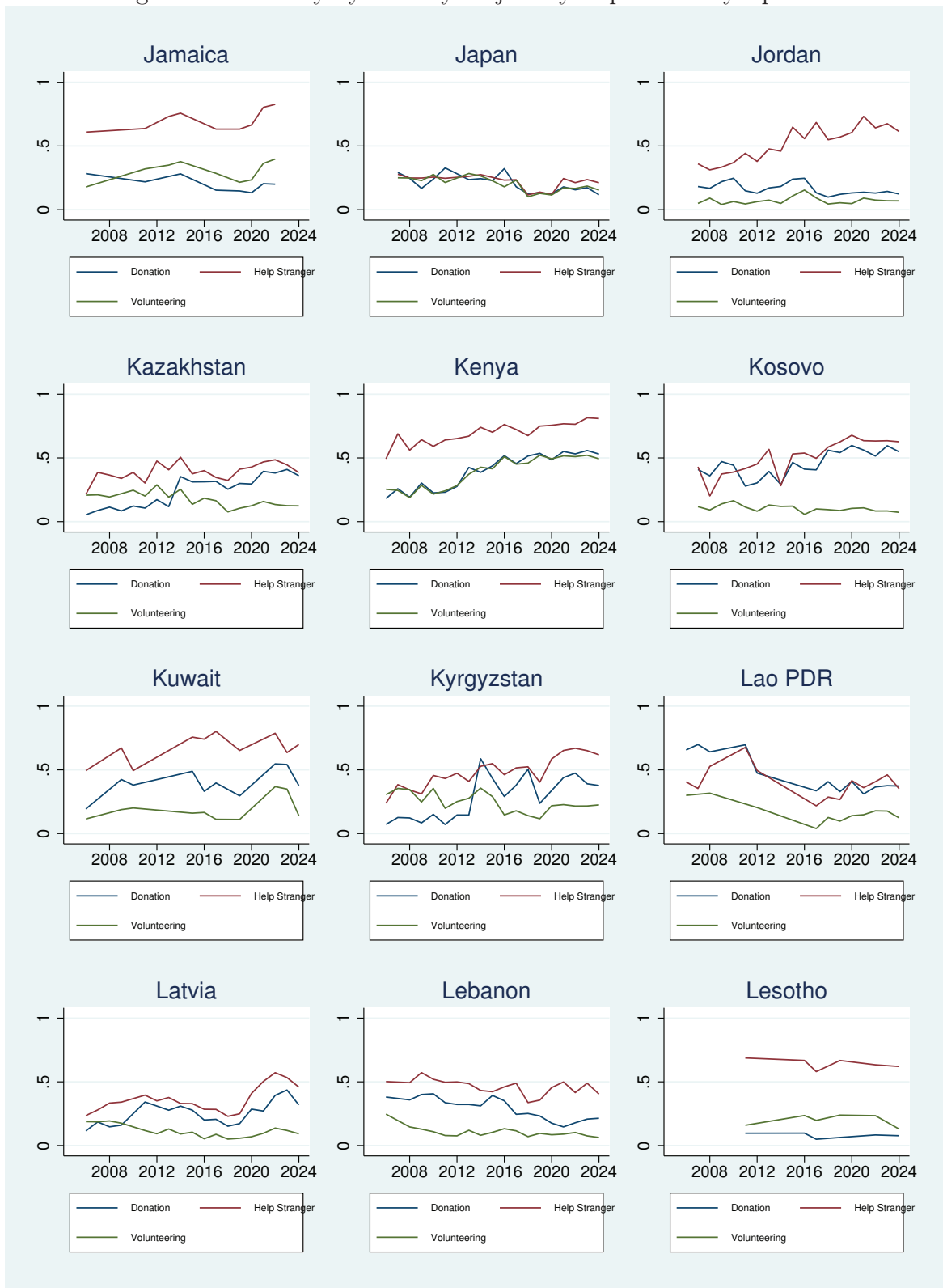


Figure 14: Country-by-country trajectory of prosociality - part 8

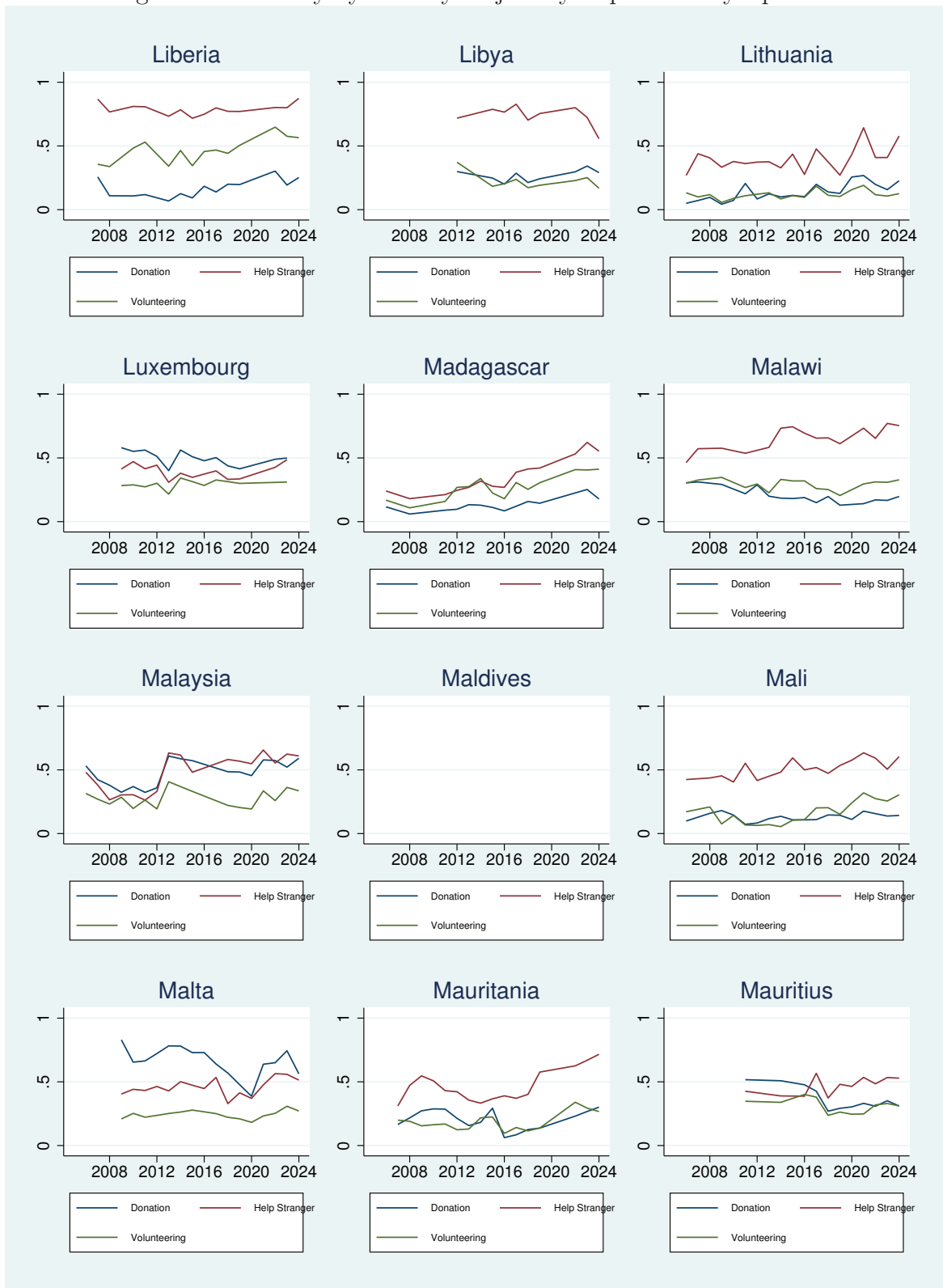


Figure 15: Country-by-country trajectory of prosociality - part 9

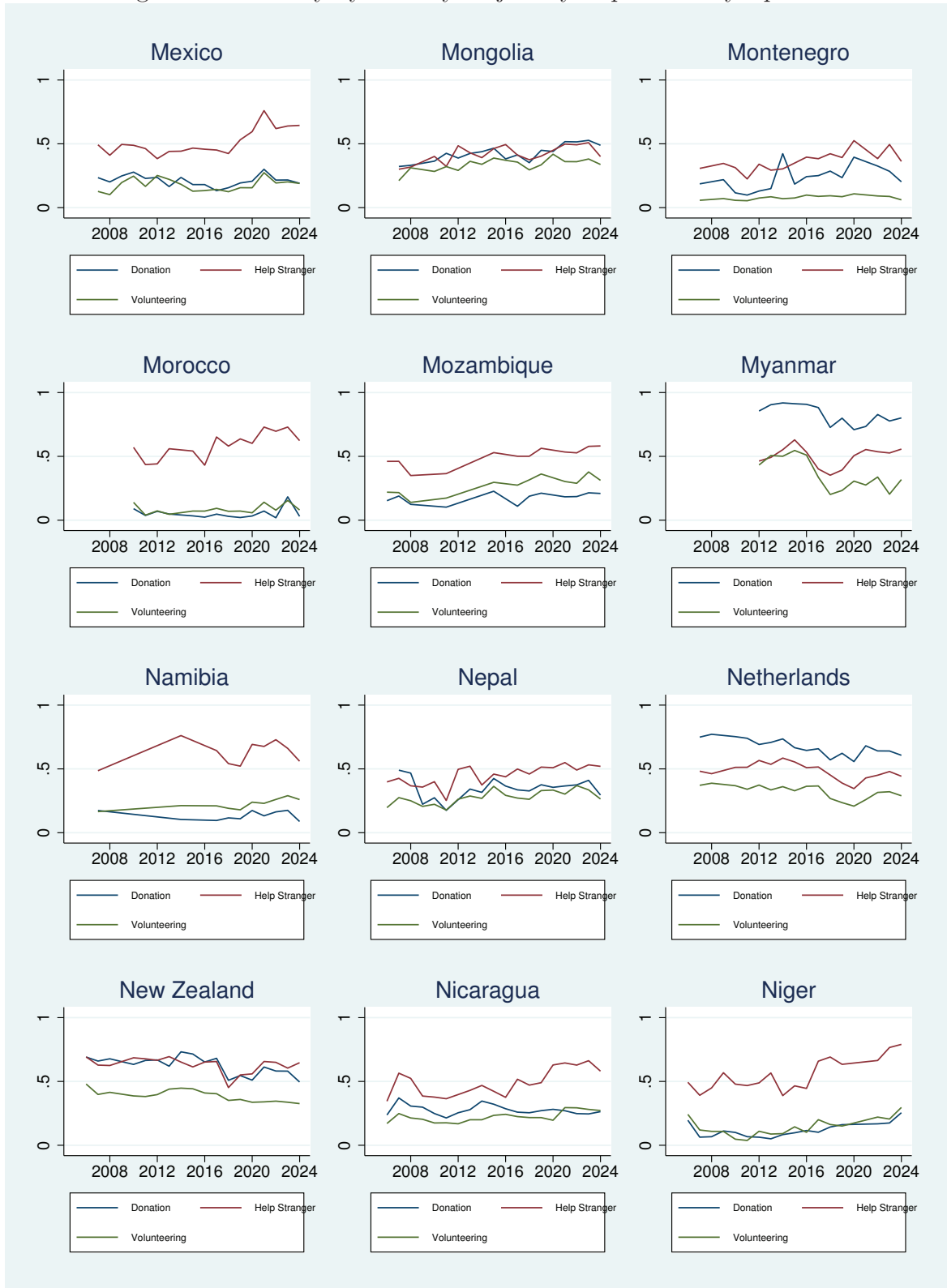


Figure 16: Country-by-country trajectory of prosociality - part 10

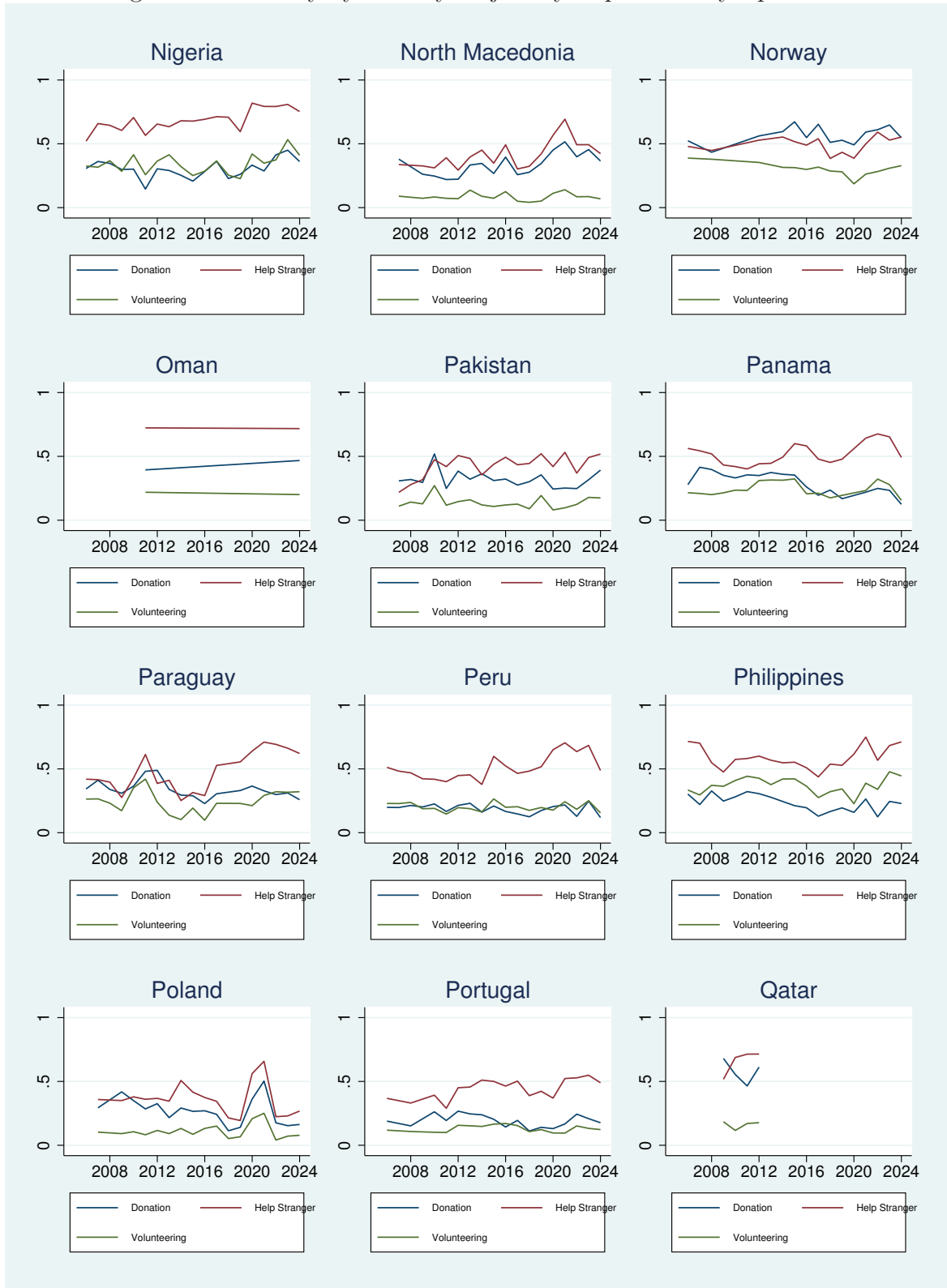




Figure 17: Country-by-country trajectory of prosociality - part 11

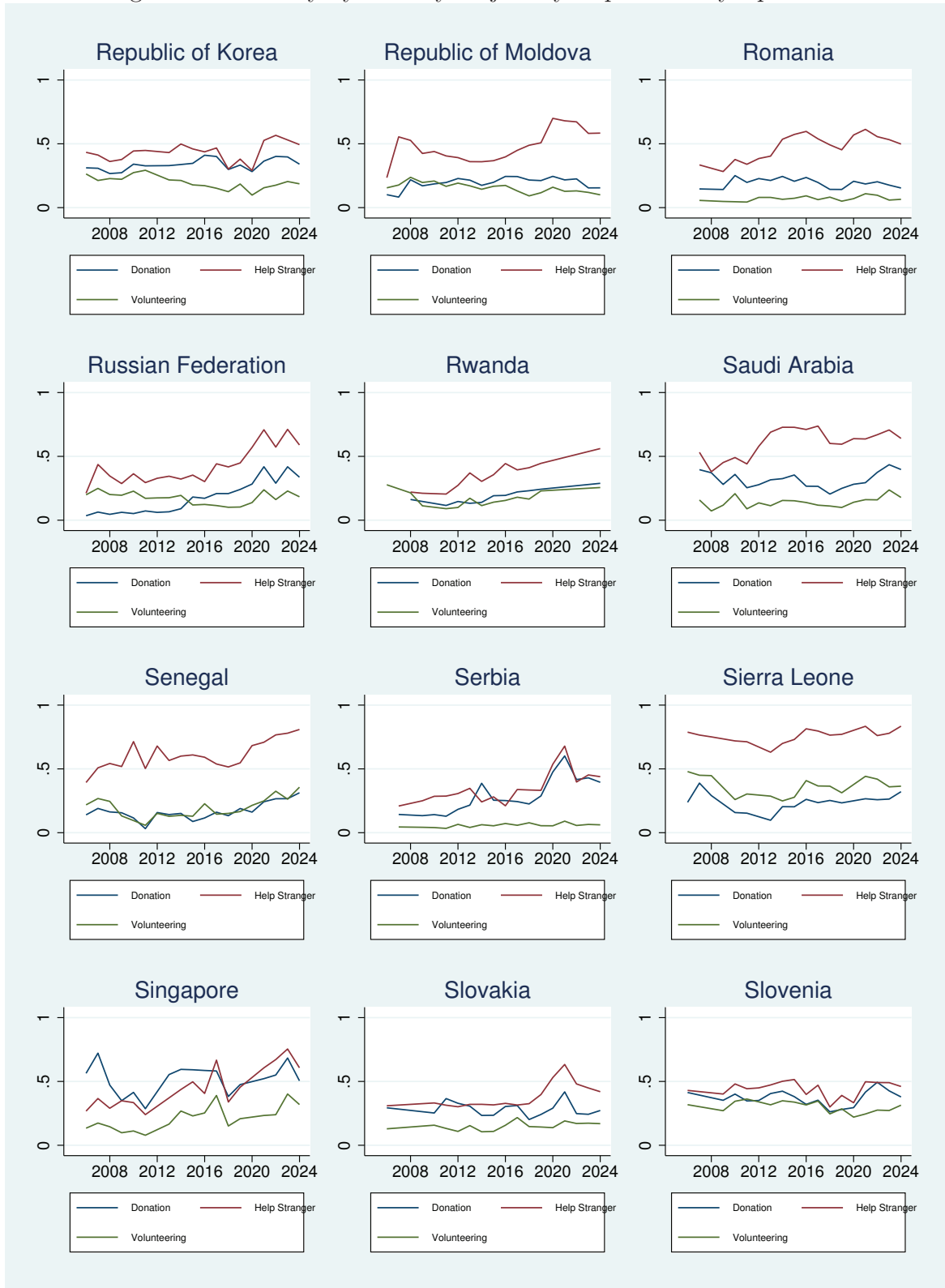


Figure 18: Country-by-country trajectory of prosociality - part 12

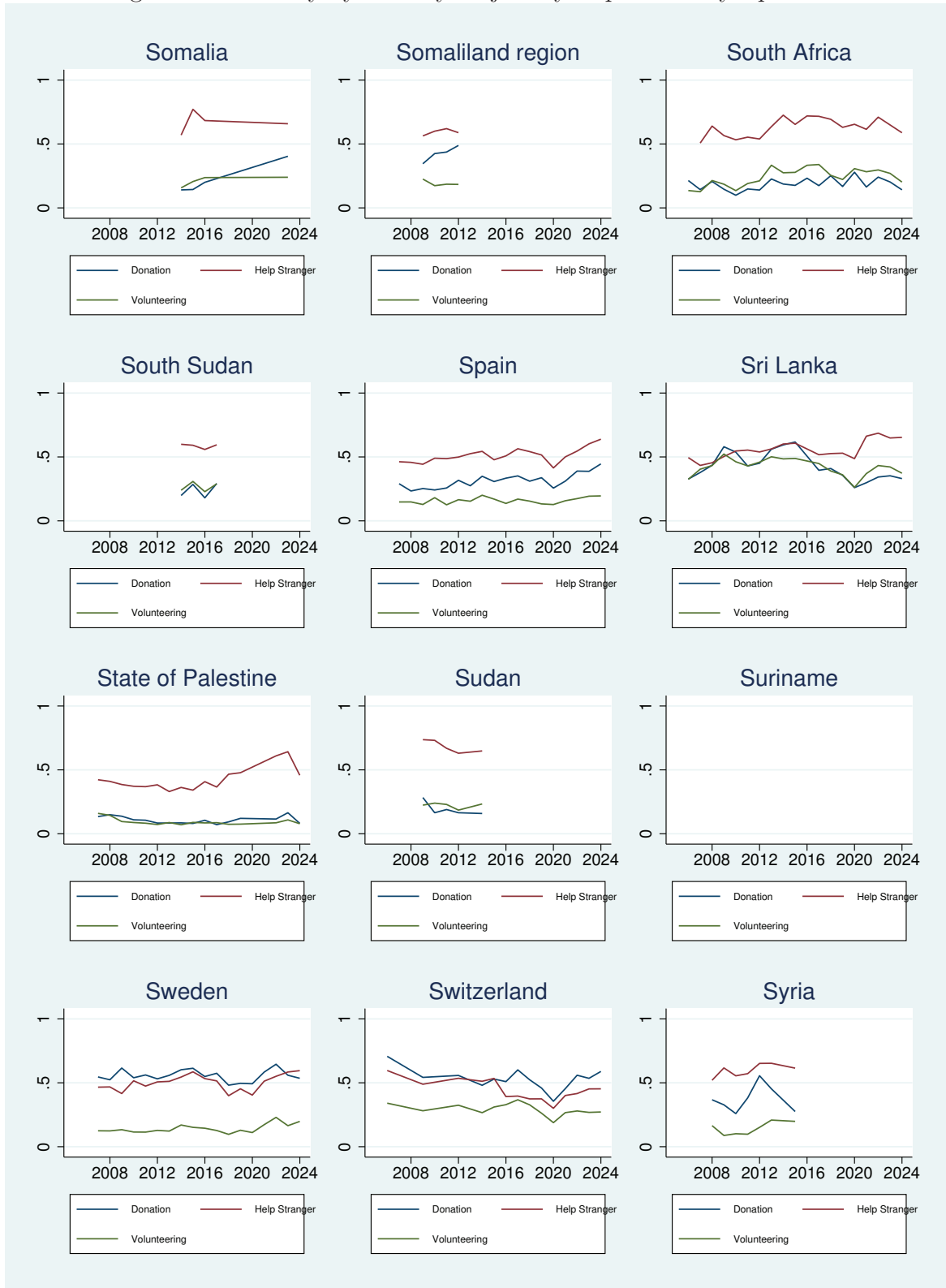


Figure 19: Country-by-country trajectory of prosociality - part 13

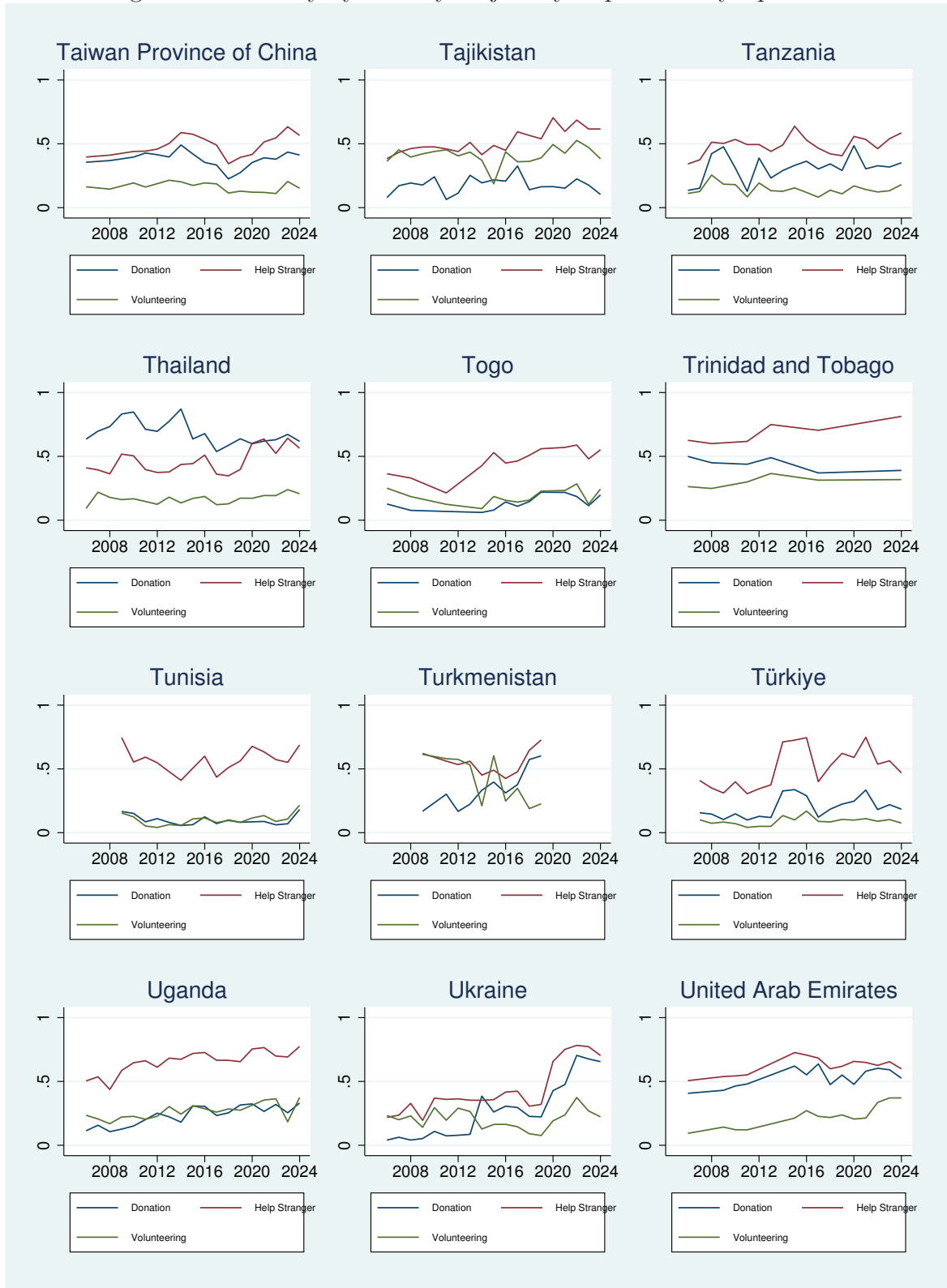


Figure 20: Country-by-country trajectory of prosociality - part 14

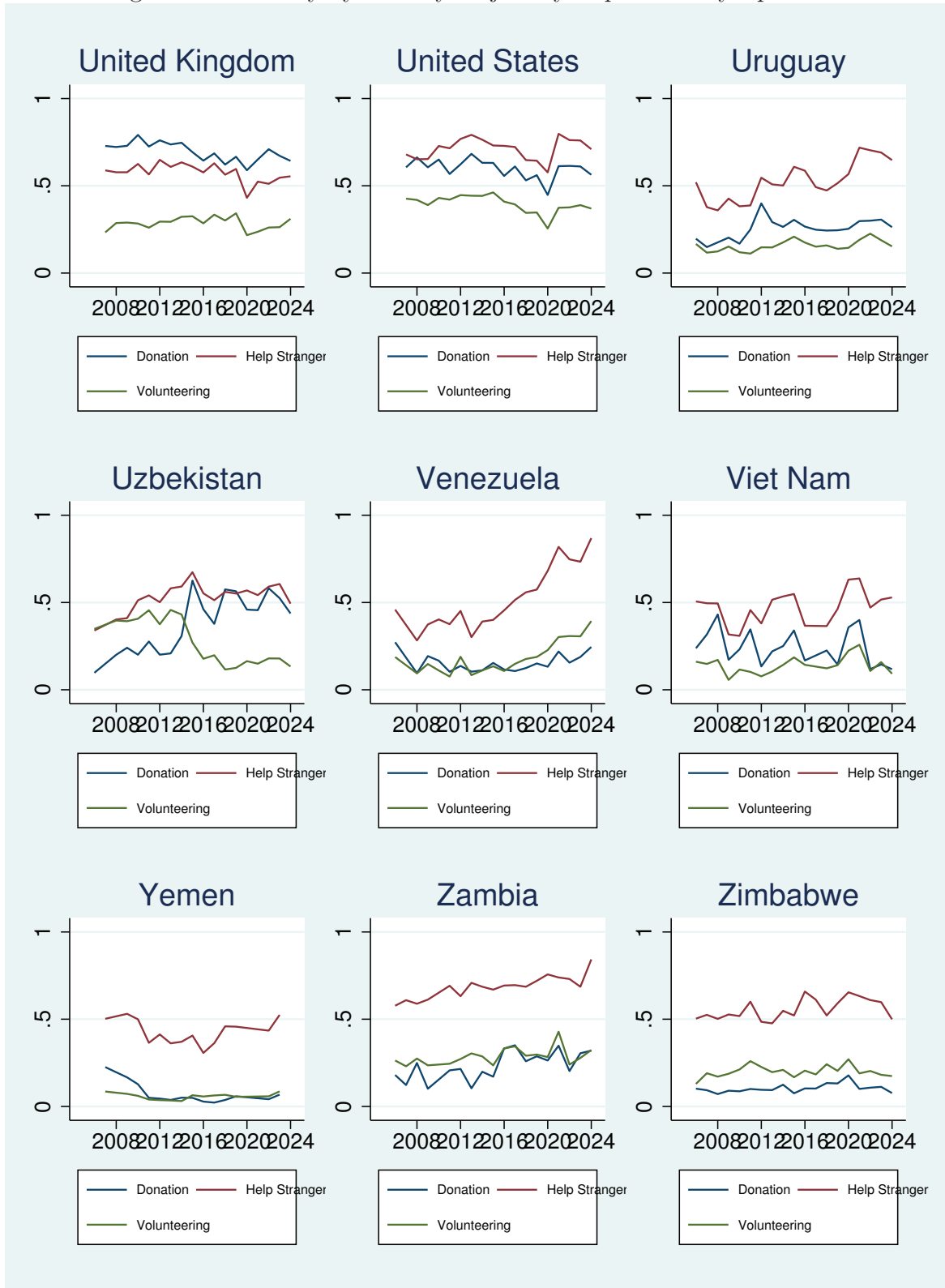


Table 6: Summary statistics for country-year observations with valid happiness scores  
- Fullest sample

<b>Variable</b>	<b>Mean</b>	<b>Std. Dev.</b>	<b>Min.</b>	<b>Max.</b>	<b>N</b>
Life Ladder	5.49	1.13	1.28	8.02	2508
Positive affect	0.65	0.11	0.18	0.88	2484
Negative affect	0.27	0.09	0.08	0.70	2492
Log GDP per capita	9.56	1.14	5.62	11.89	2478
Social support	0.81	0.12	0.23	0.99	2495
Healthy life expectancy at birth	62.52	6.64	35.27	73.8	2440
Freedom to make life choices	0.75	0.14	0.23	0.99	2470
Generosity	0	0.16	-0.34	0.69	2425
Perceptions of corruption	0.74	0.18	0.04	0.98	2374

Table 7: Summary statistics for country-year observations with valid happiness scores  
- Period from 2022 to 2024

<b>Variable</b>	<b>Mean</b>	<b>Std. Dev.</b>	<b>Min.</b>	<b>Max.</b>	<b>N</b>
Life Ladder	5.59	1.16	1.28	7.78	423
Positive affect	0.66	0.11	0.21	0.86	423
Negative affect	0.29	0.09	0.08	0.58	423
Log GDP per capita	9.67	1.13	7.23	11.81	407
Social support	0.8	0.13	0.23	0.99	423
Healthy life expectancy at birth	61.12	6.79	43.25	73.5	411
Freedom to make life choices	0.79	0.12	0.23	0.98	417
Generosity	0.02	0.16	-0.32	0.59	407
Perceptions of corruption	0.72	0.17	0.15	0.95	402

Table 8: Regressions to Explain Average Happiness across Countries (Pooled OLS with year fixed effects)

	Ladder	PosAffect	NegAffect	LadderAgain
	(1)	(2)	(3)	(4)
Log GDP per capita	0.328 (0.062)***	-.017 (0.01)*	-.0008 (0.007)	0.366 (0.061)***
Social support	2.686 (0.336)***	0.325 (0.055)***	-.343 (0.043)***	2.021 (0.348)***
Healthy life expectancy at birth	0.032 (0.01)***	-.0007 (0.001)	0.003 (0.001)***	0.033 (0.01)***
Freedom to make life choices	1.518 (0.295)***	0.381 (0.045)***	-.089 (0.039)**	0.694 (0.276)**
Generosity	0.382 (0.243)	0.081 (0.032)**	0.026 (0.027)	0.198 (0.232)
Perceptions of corruption	-.669 (0.249)***	-.016 (0.027)	0.095 (0.021)***	-.645 (0.235)***
Positive affect				2.212 (0.326)***
Negative affect				0.147 (0.379)
Year 2005	0.405 (0.081)***	-.003 (0.009)	0.034 (0.008)***	0.408 (0.076)***
Year 2006	-.047 (0.061)	-.003 (0.01)	-.0006 (0.009)	-.033 (0.06)
Year 2007	0.237 (0.063)***	0.011 (0.009)	-.028 (0.007)***	0.23 (0.062)***
Year 2008	0.345 (0.06)***	0.021 (0.008)***	-.041 (0.007)***	0.311 (0.064)***
Year 2009	0.223 (0.059)***	0.006 (0.008)	-.025 (0.008)***	0.217 (0.057)***
Year 2010	0.134 (0.049)***	-.003 (0.008)	-.027 (0.006)***	0.147 (0.05)***
Year 2011	0.144 (0.049)***	-.014 (0.007)**	-.022 (0.006)***	0.18 (0.05)***
Year 2012	0.128 (0.041)***	-.0003 (0.006)	-.015 (0.006)**	0.133 (0.042)***
Year 2013	0.021 (0.04)	0.004 (0.005)	-.007 (0.006)	0.017 (0.041)
Year 2015	0.009 (0.039)	-.0002 (0.005)	0.003 (0.004)	0.011 (0.038)
Year 2016	-.037 (0.047)	-.008 (0.005)	0.017 (0.005)***	-.020 (0.045)
Year 2017	0.036 (0.054)	-.018 (0.006)***	0.022 (0.006)***	0.075 (0.052)
Year 2018	0.048 (0.061)	-.016 (0.007)**	0.028 (0.006)***	0.081 (0.058)
Year 2019	0.04 (0.063)	-.019 (0.007)**	0.026 (0.007)***	0.079 (0.06)
Year 2020	0.077 (0.067)	-.018 (0.007)**	0.042 (0.006)***	0.112 (0.063)*
Year 2021	0.078 (0.065)	-.019 (0.007)***	0.025 (0.006)***	0.118 (0.059)**
Year 2022	0.071 (0.059)	-.017 (0.007)**	0.032 (0.007)***	0.106 (0.056)*
Year 2023	0.174 (0.058)***	-.019 (0.007)***	0.027 (0.007)***	0.214 (0.056)***
Year 2024	0.227 (0.063)***	-.011 (0.007)	0.031 (0.007)***	0.249 (0.061)***
Obs.	2234	2229	2233	2228
e(N-clust)	155	155	155	155
e(r2-a)	0.761	0.437	0.35	0.785

Notes: 1). Standard errors in parentheses. \*, \*\*, and \*\*\* indicate statistical significance at 10 percent, 5 percent and 1 percent levels. All standard errors are clustered at the country level.



Table 9: Regressions to Explain Average Happiness across Countries (Pooled OLS without year fixed effects)

	Ladder	PosAffect	NegAffect	LadderAgain
	(1)	(2)	(3)	(4)
Log GDP per capita	0.349 (0.059)***	-.018 (0.009)**	0.003 (0.007)	0.389 (0.058)***
Social support	2.678 (0.33)***	0.341 (0.053)***	-.386 (0.043)***	1.931 (0.34)***
Healthy life expectancy at birth	0.028 (0.009)***	-.0007 (0.001)	0.003 (0.001)***	0.029 (0.009)***
Freedom to make life choices	1.428 (0.274)***	0.355 (0.04)***	-.026 (0.036)	0.64 (0.252)**
Generosity	0.428 (0.242)*	0.087 (0.031)***	0.017 (0.027)	0.235 (0.231)
Perceptions of corruption	-.668 (0.246)***	-.018 (0.027)	0.101 (0.022)***	-.627 (0.234)***
Positive affect				2.230 (0.329)***
Negative affect				0.025 (0.349)
Obs.	2234	2229	2233	2228
e(N-clust)	155	155	155	155
e(r2-a)	0.756	0.432	0.285	0.781

Notes: 1). Standard errors in parentheses. \*, \*\*, and \*\*\* indicate statistical significance at 10 percent, 5 percent and 1 percent levels. All standard errors are cluster-adjusted at the country level. The row “e(N-clust)” indicates the number of countries. 2). See section “Data Sources and Variable Definitions” for more information.

Table 10: Regressions to Explain Average Happiness across Countries (Pooled OLS with both year fixed effects and country fixed effects)

	Ladder	PosAffect	NegAffect	LadderAgain
	(1)	(2)	(3)	(4)
Log GDP per capita	0.588 (0.125)***	0.043 (0.012)***	-.025 (0.009)***	0.457 (0.103)***
Social support	2.510 (0.319)***	0.143 (0.032)***	-.372 (0.038)***	1.790 (0.288)***
Healthy life expectancy at birth	-.012 (0.01)	0.0004 (0.0009)	0.003 (0.001)**	-.010 (0.009)
Freedom to make life choices	0.947 (0.239)***	0.119 (0.022)***	-.072 (0.028)**	0.599 (0.218)***
Generosity	0.585 (0.202)***	0.122 (0.023)***	0.091 (0.026)***	0.383 (0.168)**
Perceptions of corruption	-.842 (0.21)***	0.003 (0.025)	0.11 (0.025)***	-.733 (0.215)***
Positive affect				2.403 (0.355)***
Negative affect				-.992 (0.41)**
Year 2005	0.194 (0.049)***	-.008 (0.005)	-.018 (0.005)***	0.196 (0.048)***
Year 2006	-.134 (0.062)**	-.007 (0.006)	0.005 (0.007)	-.109 (0.057)*
Year 2007	0.138 (0.065)**	0.004 (0.007)	-.029 (0.007)***	0.091 (0.063)
Year 2008	0.247 (0.066)***	0.0002 (0.006)	-.042 (0.008)***	0.208 (0.066)***
Year 2009	0.211 (0.055)***	0.002 (0.006)	-.028 (0.008)***	0.18 (0.055)***
Year 2010	0.116 (0.048)**	-.0006 (0.006)	-.030 (0.006)***	0.089 (0.049)*
Year 2011	0.141 (0.048)***	-.010 (0.006)	-.023 (0.005)***	0.143 (0.049)***
Year 2012	0.11 (0.039)***	-.006 (0.005)	-.014 (0.005)***	0.112 (0.038)***
Year 2013	0.028 (0.038)	0.003 (0.004)	-.005 (0.005)	0.018 (0.039)
Year 2015	0.013 (0.039)	0.004 (0.004)	0.0006 (0.004)	0.007 (0.039)
Year 2016	-.030 (0.043)	-.0008 (0.004)	0.018 (0.005)***	-.008 (0.041)
Year 2017	0.062 (0.054)	-.010 (0.005)**	0.024 (0.005)***	0.111 (0.049)**
Year 2018	0.094 (0.061)	-.007 (0.005)	0.033 (0.006)***	0.144 (0.053)***
Year 2019	0.103 (0.064)	-.010 (0.005)*	0.03 (0.006)***	0.159 (0.056)***
Year 2020	0.097 (0.063)	-.005 (0.005)	0.046 (0.006)***	0.155 (0.054)***
Year 2021	0.036 (0.062)	-.016 (0.006)***	0.025 (0.006)***	0.101 (0.053)*
Year 2022	-.002 (0.061)	-.017 (0.006)***	0.032 (0.006)***	0.074 (0.053)
Year 2023	0.067 (0.061)	-.018 (0.006)***	0.028 (0.007)***	0.141 (0.054)***
Year 2024	0.089 (0.062)	-.006 (0.006)	0.034 (0.007)***	0.139 (0.055)**
Obs.	2234	2229	2233	2228
e(N-clust)	155	155	155	155
e(r2-a)	0.897	0.868	0.74	0.907

Notes: 1). Standard errors in parentheses. \*, \*\*, and \*\*\* indicate statistical significance at 10 percent, 5 percent and 1 percent levels. All standard errors are clustered at the country level.

Table 11: Individual-Level Regressions by Sample Period and Age Group, with Year Fixed Effects and Country Fixed Effects

	All	Below30	Age30To59	Age60above
	(1)	(2)	(3)	(4)
Female	0.178 (0.014)***	0.199 (0.016)***	0.199 (0.016)***	0.129 (0.018)***
Age below 30	0.231 (0.036)***			
Age 30 to 44	-.040 (0.031)		0.038 (0.013)***	
Age 45 to 59	-.069 (0.023)***			
Log of household income	0.354 (0.015)***	0.28 (0.015)***	0.396 (0.016)***	0.373 (0.018)***
Social support	0.737 (0.019)***	0.725 (0.025)***	0.714 (0.019)***	0.759 (0.021)***
Unemployed	-.404 (0.02)***	-.317 (0.022)***	-.512 (0.025)***	-.540 (0.054)***
Freedom to make life choices	0.445 (0.018)***	0.397 (0.018)***	0.445 (0.019)***	0.555 (0.024)***
University degree	0.298 (0.018)***	0.15 (0.02)***	0.347 (0.021)***	0.313 (0.028)***
Married or domestic partner	-.051 (0.016)***	-.212 (0.016)***	0.084 (0.018)***	0.144 (0.03)***
Separated, divorced or widowed	-.242 (0.018)***	-.462 (0.034)***	-.138 (0.018)***	0.041 (0.028)
Donation	0.23 (0.011)***	0.175 (0.015)***	0.23 (0.011)***	0.259 (0.016)***
Volunteering	0.094 (0.011)***	0.079 (0.013)***	0.079 (0.012)***	0.13 (0.018)***
Help stranger	0.03 (0.009)***	0.038 (0.013)***	0.028 (0.009)***	0.062 (0.013)***
Foreign born indicator	-.081 (0.026)***	-.077 (0.032)**	-.083 (0.03)***	-.005 (0.03)
Perception of corruption	-.235 (0.014)***	-.189 (0.017)***	-.239 (0.015)***	-.280 (0.023)***
Health problems	-.444 (0.023)***	-.252 (0.027)***	-.420 (0.021)***	-.591 (0.018)***
Institutional trust	0.264 (0.015)***	0.253 (0.019)***	0.257 (0.017)***	0.295 (0.022)***
Obs.	1556187	487373	783174	285640
e(N-clust)	155	155	155	155
e(r2-a)	0.265	0.239	0.282	0.3

Notes: 1) All regressions include year fixed effects and country fixed effects (estimates not shown here for space reason). 2). Standard errors in parentheses. \*, \*\*, and \*\*\* indicate statistical significance at 10 percent, 5 percent and 1 percent levels. All standard errors are cluster-adjusted at the country level. The row “e(N-clust)” indicates the number of countries. 3). See section “Data Sources and Variable Definitions” for more information.

Table 12: Individual-Level Regressions with Cohort Fixed Effects, Year Fixed Effects and Country Fixed Effects

	AllYears	NAandANZ	AllYears2	NAandANZ2	Y2017To2023	Y2009To2016
	(1)	(2)	(3)	(4)	(5)	(6)
Log of household income			0.354 (0.015)***	0.257 (0.03)***	0.307 (0.015)***	0.413 (0.014)***
Social support			0.728 (0.019)***	0.997 (0.137)***	0.8 (0.021)***	0.641 (0.023)***
Unemployed			-.398 (0.02)***	-.515 (0.079)***	-.426 (0.022)***	-.355 (0.028)***
Freedom to make life choices			0.446 (0.018)***	0.701 (0.102)***	0.507 (0.018)***	0.364 (0.02)***
University degree			0.333 (0.018)***	0.156 (0.047)***	0.342 (0.019)***	0.345 (0.02)***
Married or domestic partner			0.028 (0.015)*	0.241 (0.048)***	0.052 (0.018)***	-.017 (0.015)
Separated, divorced or widowed			-.173 (0.016)***	-.071 (0.044)	-.156 (0.022)***	-.208 (0.017)***
Generosity			0.261 (0.012)***	0.215 (0.012)***	0.244 (0.014)***	0.249 (0.012)***
Foreign born indicator			-.079 (0.026)***	-.140 (0.049)***	-.071 (0.03)**	-.098 (0.028)***
Perception of corruption			-.227 (0.014)***	-.206 (0.012)***	-.237 (0.017)***	-.182 (0.018)***
Health problems			-.435 (0.023)***	-.713 (0.054)***	-.476 (0.026)***	-.413 (0.021)***
Institutional trust (TIDA)			0.259 (0.015)***	0.31 (0.027)***	0.269 (0.016)***	0.232 (0.02)***
Female	0.089 (0.014)***	0.124 (0.022)***	0.169 (0.014)***	0.159 (0.008)***	0.207 (0.018)***	0.135 (0.014)***
Age	-.047 (0.003)***	-.046 (0.003)***	-.052 (0.003)***	-.051 (0.007)***	-.054 (0.003)***	-.047 (0.004)***
Age squared divided by 100	0.033 (0.003)***	0.051 (0.005)***	0.044 (0.003)***	0.06 (0.006)***	0.046 (0.003)***	0.039 (0.003)***
Born 1965-1980	0.14 (0.012)***	0.181 (0.042)***	0.164 (0.013)***	0.151 (0.085)*	0.188 (0.017)***	0.112 (0.017)***
Born before 1965	0.205 (0.023)***	0.257 (0.046)***	0.247 (0.025)***	0.211 (0.108)*	0.278 (0.033)***	0.19 (0.028)***
Obs.	2812735	78773	1558530	40562	732003	721316
e(N-clust)	165	4	155	4	146	150
e(r2-a)	0.196	0.027	0.266	0.199	0.252	0.304

Notes: 1) All regressions include year fixed effects and country fixed effects (estimates not shown here for space reason). 2). Standard errors in parentheses. \*, \*\*, and \*\*\* indicate statistical significance at 10 percent, 5 percent and 1 percent levels. All standard errors are cluster-adjusted at the country level. The row “e(N-clust)” indicates the number of countries. 3). See section “Data Sources and Variable Definitions” for more information.

Table 13: Individual-Level Regressions by Birth Cohort, with Year Fixed Effects and Country Fixed Effects

	All	GenY	GenX	Boomer	GenYNAandANZ	GenXNAandANZ	BoomerNAandANZ
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Log of household income	0.354 (0.015)***	0.301 (0.015)***	0.405 (0.016)***	0.403 (0.017)***	0.241 (0.055)***	0.284 (0.043)***	0.248 (0.017)***
Social support	0.728 (0.019)***	0.724 (0.022)***	0.702 (0.021)***	0.731 (0.019)***	0.94 (0.22)***	1.101 (0.155)***	0.908 (0.114)***
Unemployed	-.398 (0.02)***	-.346 (0.02)***	-.535 (0.029)***	-.526 (0.038)***	-.380 (0.081)***	-.753 (0.14)***	-.677 (0.058)***
Freedom to make life choices	0.446 (0.018)***	0.412 (0.017)***	0.441 (0.021)***	0.502 (0.023)***	0.627 (0.113)***	0.692 (0.11)***	0.811 (0.121)***
University degree	0.333 (0.018)***	0.309 (0.017)***	0.343 (0.022)***	0.331 (0.026)***	0.208 (0.026)***	0.146 (0.048)***	0.137 (0.051)***
Married or domestic partner	0.028 (0.015)*	-.018 (0.016)	0.102 (0.021)***	0.128 (0.026)***	0.219 (0.045)***	0.26 (0.091)***	0.338 (0.038)***
Separated, divorced or widowed	-.173 (0.016)***	-.244 (0.023)***	-.112 (0.023)***	-.013 (0.023)	-.153 (0.151)	-.074 (0.067)	0.048 (0.019)**
Generosity	0.261 (0.012)***	0.215 (0.014)***	0.27 (0.014)***	0.278 (0.013)***	0.119 (0.033)***	0.244 (0.046)***	0.301 (0.033)***
Foreign born indicator	-.079 (0.026)***	-.075 (0.03)**	-.070 (0.034)**	-.031 (0.027)	-.213 (0.032)***	-.129 (0.056)**	-.057 (0.066)
Perception of corruption	-.227 (0.014)***	-.184 (0.016)***	-.239 (0.016)***	-.270 (0.021)***	-.143 (0.031)***	-.125 (0.052)**	-.311 (0.029)***
Health problems	-.435 (0.023)***	-.280 (0.027)***	-.397 (0.021)***	-.568 (0.017)***	-.709 (0.08)***	-.692 (0.106)***	-.711 (0.045)***
Institutional trust (TIDA)	0.259 (0.015)***	0.248 (0.017)***	0.253 (0.019)***	0.29 (0.02)***	0.422 (0.062)***	0.245 (0.055)***	0.244 (0.017)***
Female	0.169 (0.014)***	0.182 (0.016)***	0.191 (0.016)***	0.145 (0.017)***	0.109 (0.01)***	0.192 (0.021)***	0.172 (0.022)***
Age	-.052 (0.003)***	-.029 (0.001)***	-.002 (0.001)	0.006 (0.001)***	-.018 (0.007)***	0.009 (0.003)***	0.029 (0.003)***
Age squared divided by 100	0.044 (0.003)***						
Born 1965-1980	0.164 (0.013)***						
Born before 1965	0.247 (0.025)***						
Obs.	1558530	712886	411705	433939	8999	9667	21896
e(N-clust)	155	155	155	155	4	4	4
e(r2-a)	0.266	0.248	0.288	0.302	0.174	0.225	0.189

Notes: 1) All regressions include year fixed effects and country fixed effects (estimates not shown here for space reason). 2). Standard errors in parentheses. \*, \*\*, and \*\*\* indicate statistical significance at 10 percent, 5 percent and 1 percent levels. All standard errors are cluster-adjusted at the country level. The row “e(N-clust)” indicates the number of countries. 3). See section “Data Sources and Variable Definitions” for more information.

Table 14: Countries/territories that are missing 2024 information

Country name	2022 samplesize	2023 samplesize	2024 samplesize
Afghanistan	997	999	
Jamaica	492		
Luxembourg	997	1000	
Somalia		1000	
Yemen	998	998	

Figure 21: Ranking of Happiness: 2022-2024 (Part 1)

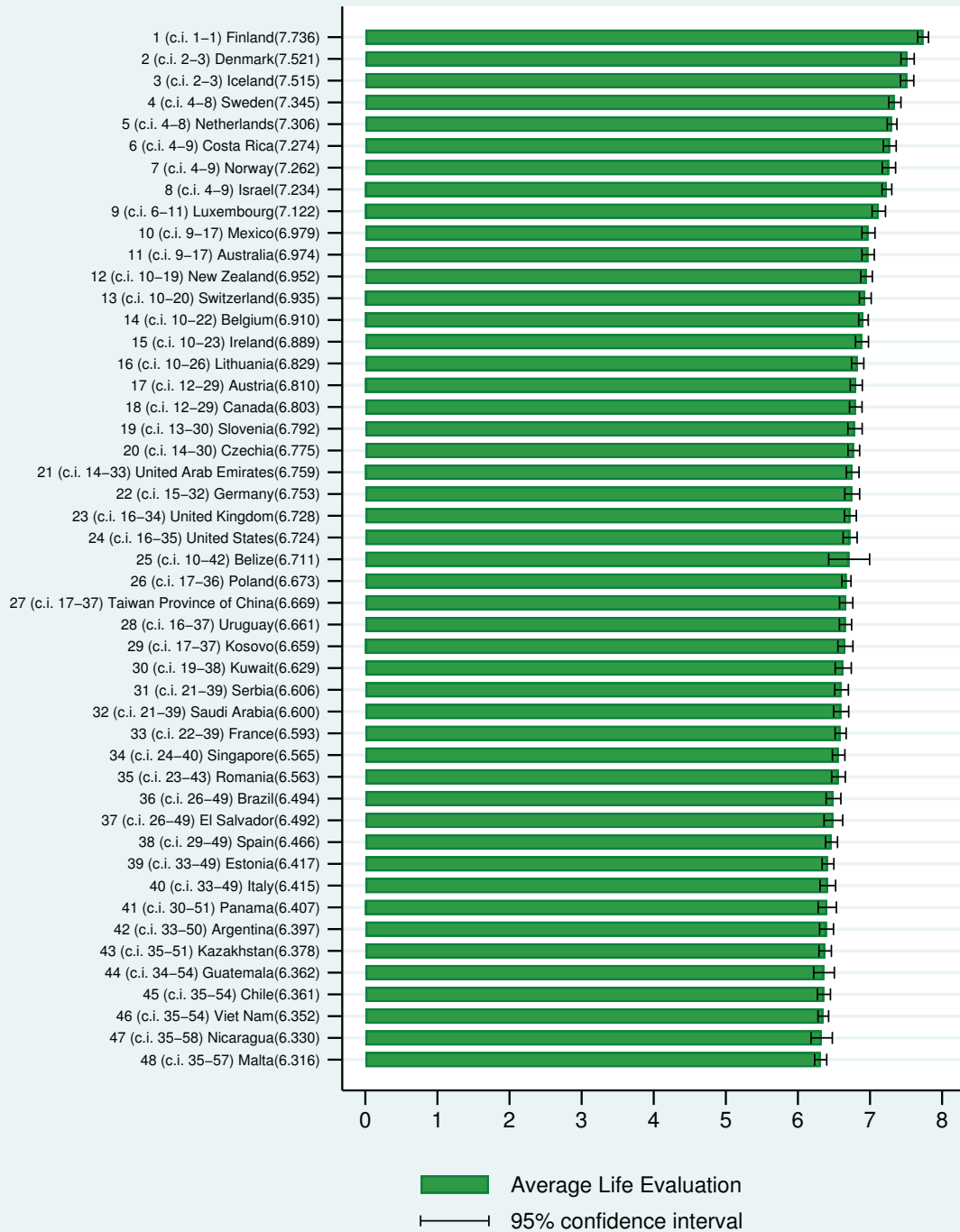


Figure 22: Ranking of Happiness: 2022-2024 (Part 2)

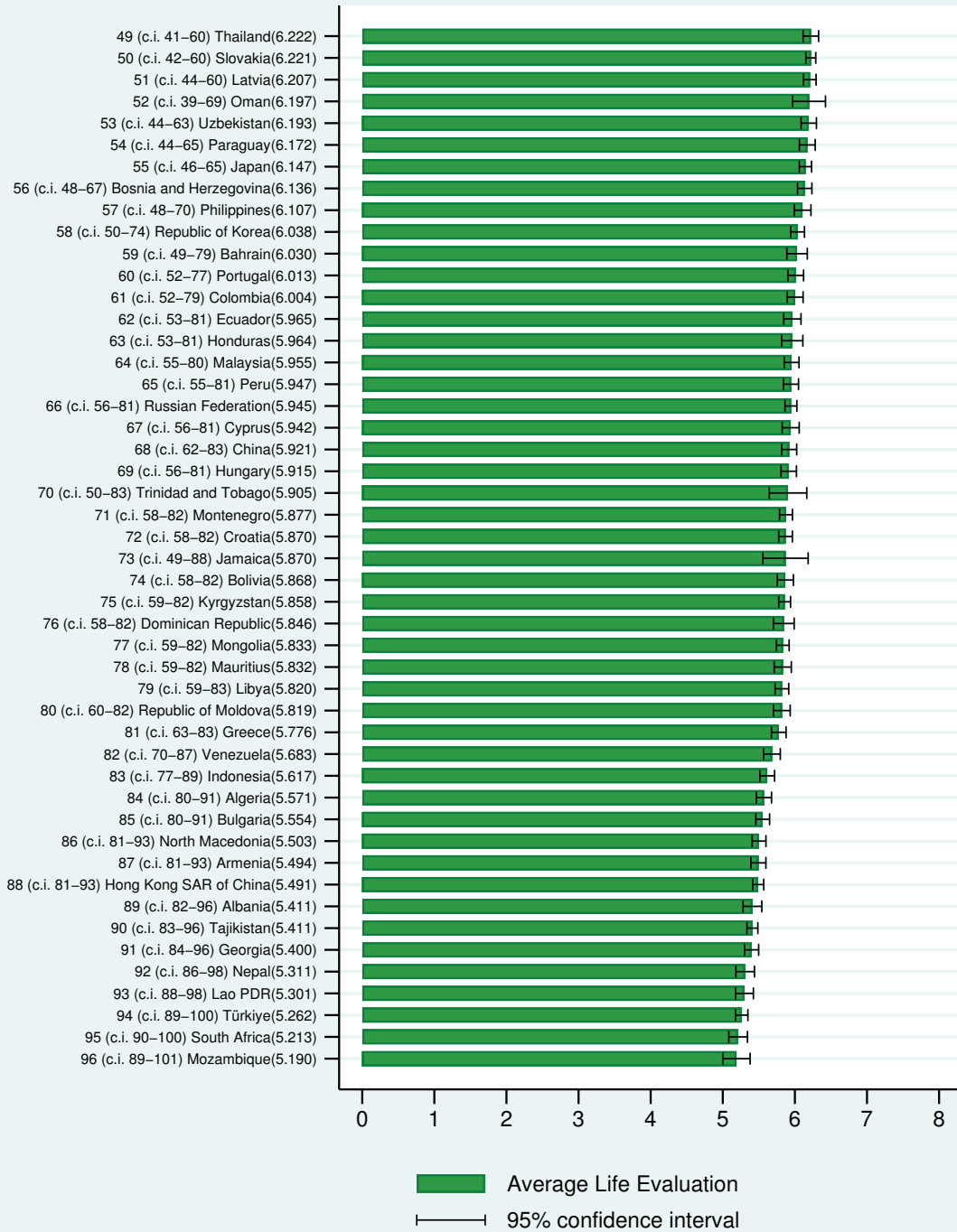




Figure 23: Ranking of Happiness: 2022-2024 (Part 3)

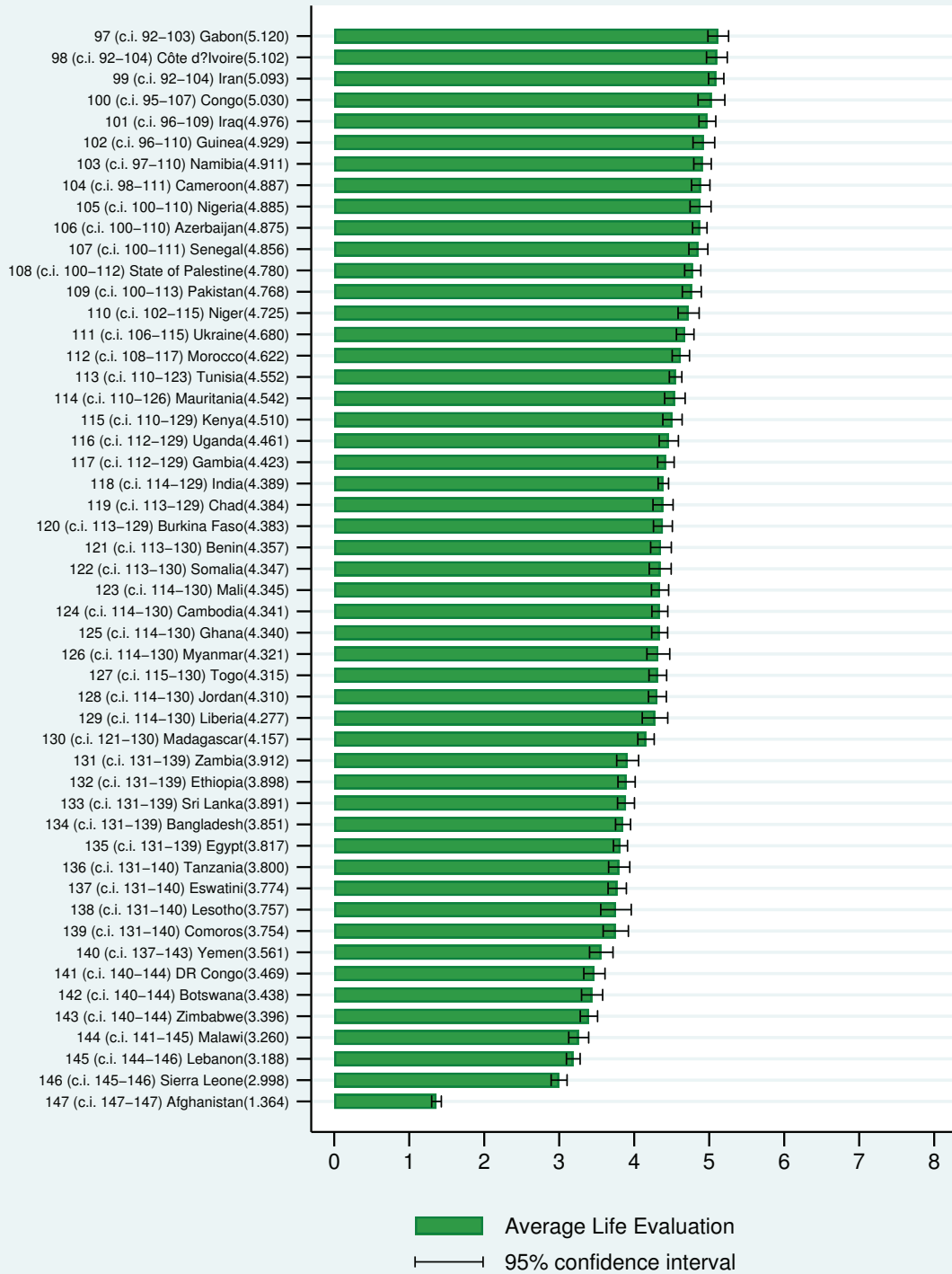


Figure 24: Changes in Happiness: from 2006-2010 to 2022-2024 (Part 1)

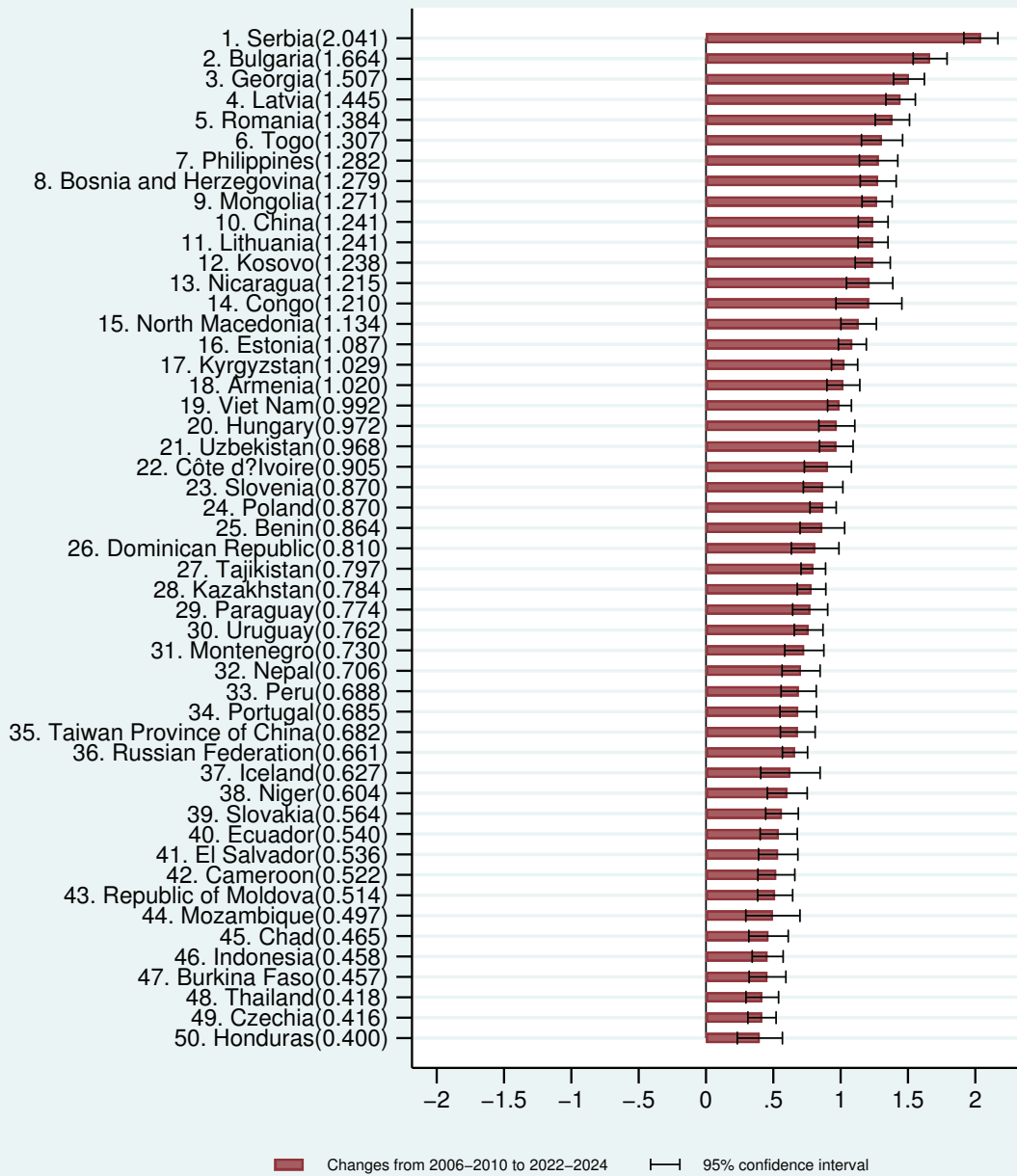


Figure 25: Changes in Happiness: from 2006-2010 to 2022-2024 (Part 2)

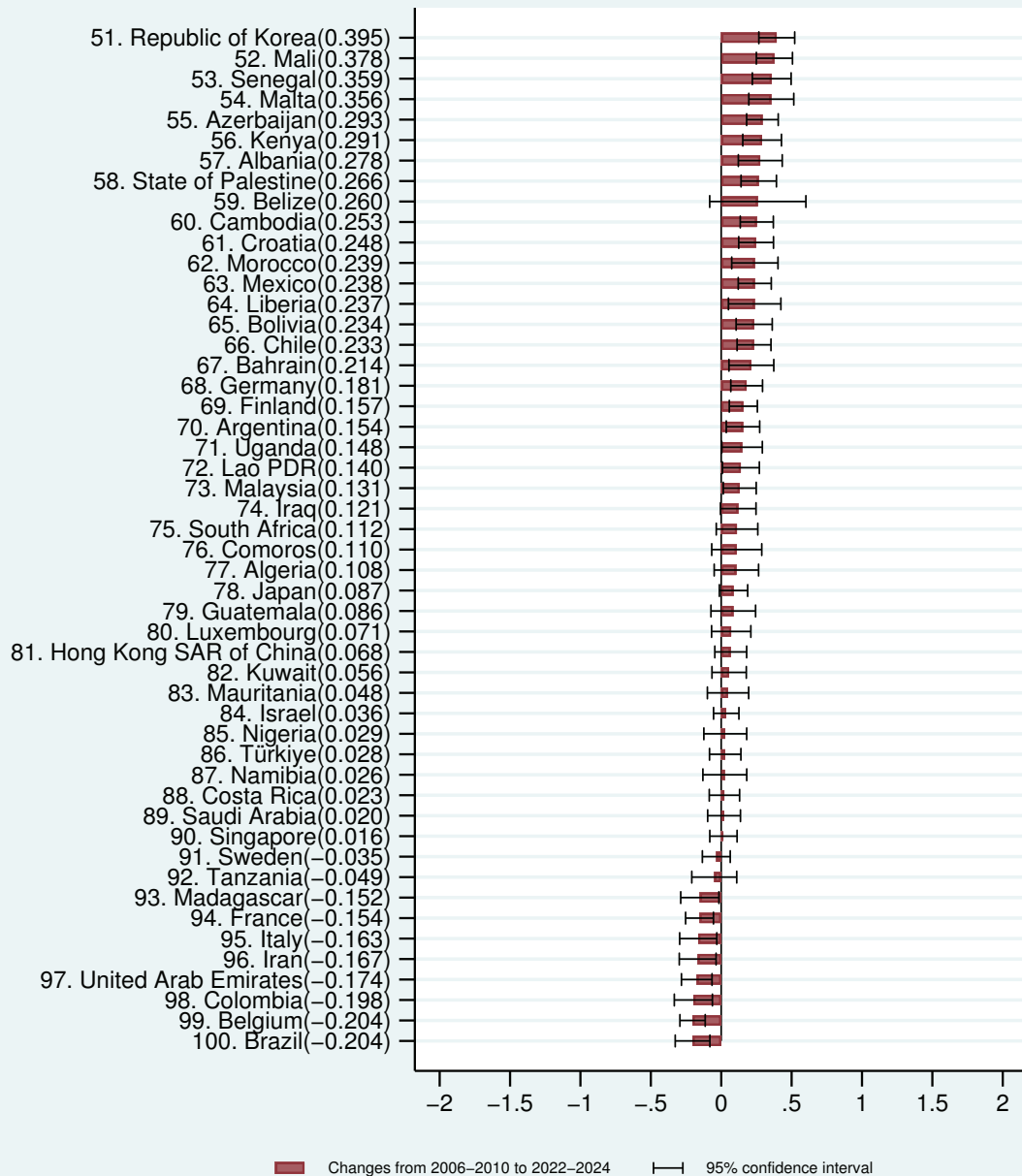


Figure 26: Changes in Happiness: from 2006-2010 to 2022-2024 (Part 3)

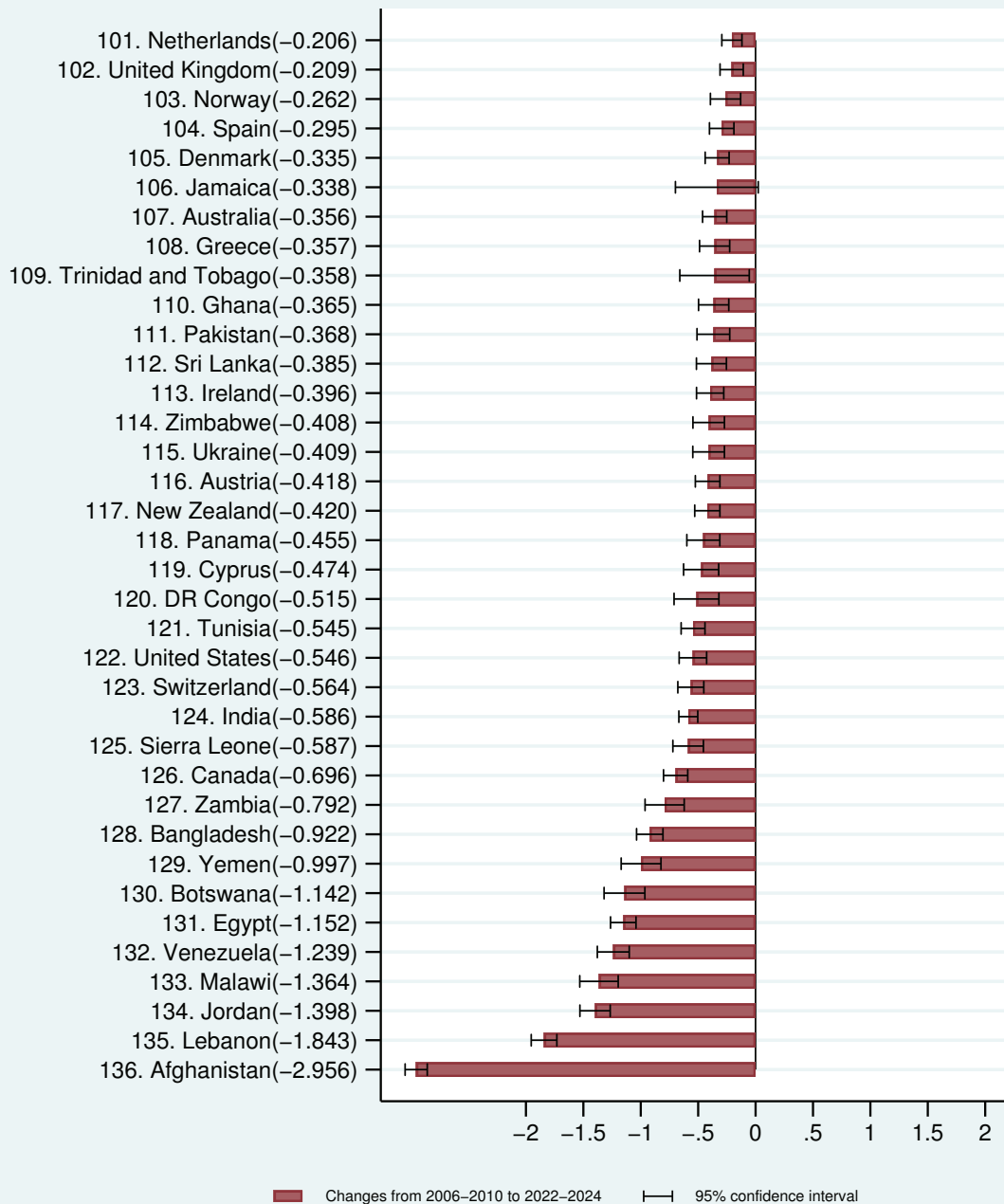


Figure 27: Ranking of Happiness: 2022-2024 (Part 1); those with empty columns have the happiness score for ranking, but not all the necessary factors for decomposition even after the imputation process described in section 3

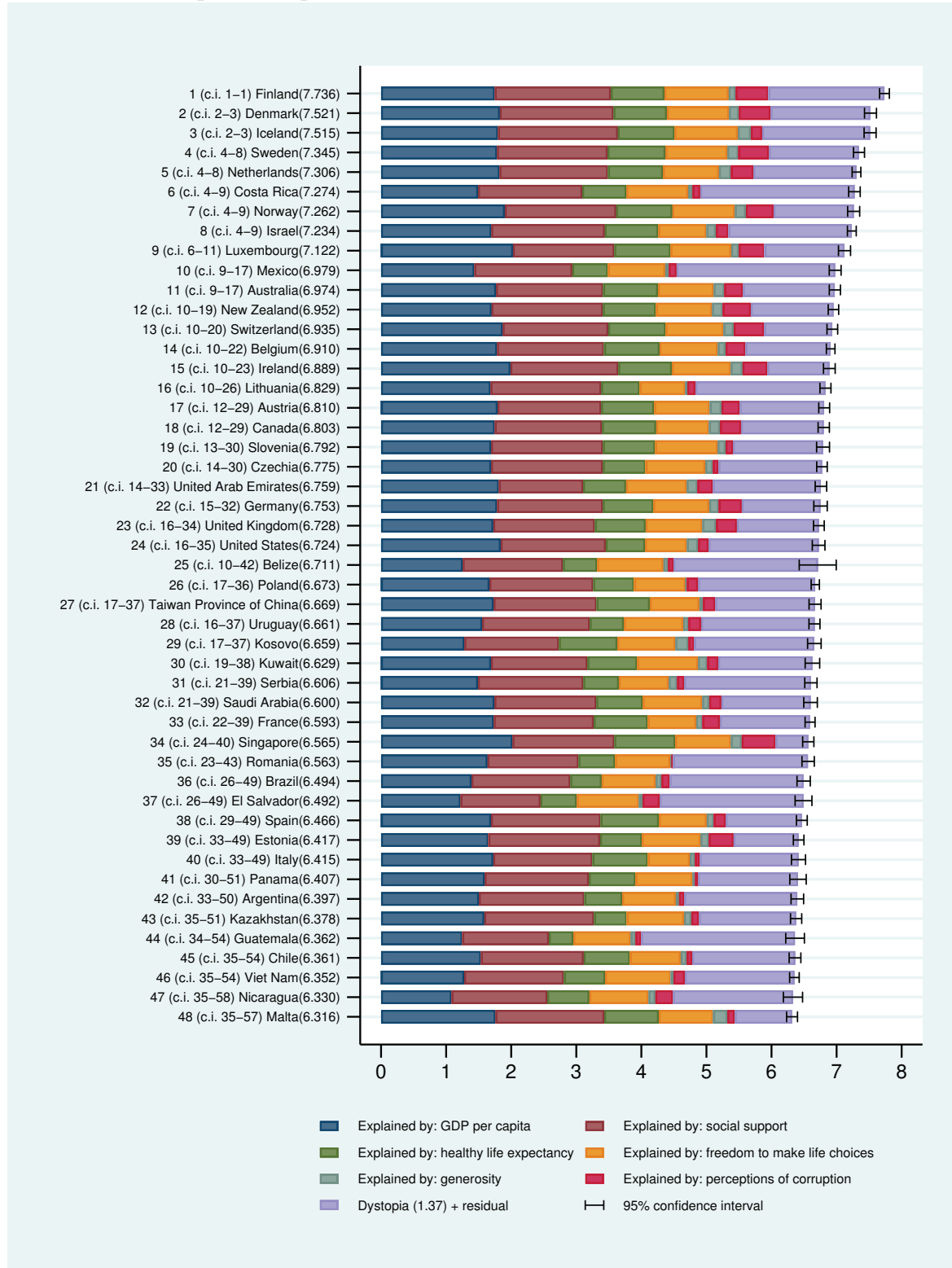


Figure 28: Ranking of Happiness: 2022-2024 (Part 2); those with empty columns have the happiness score for ranking, but not all the necessary factors for decomposition even after the imputation process described in section 3

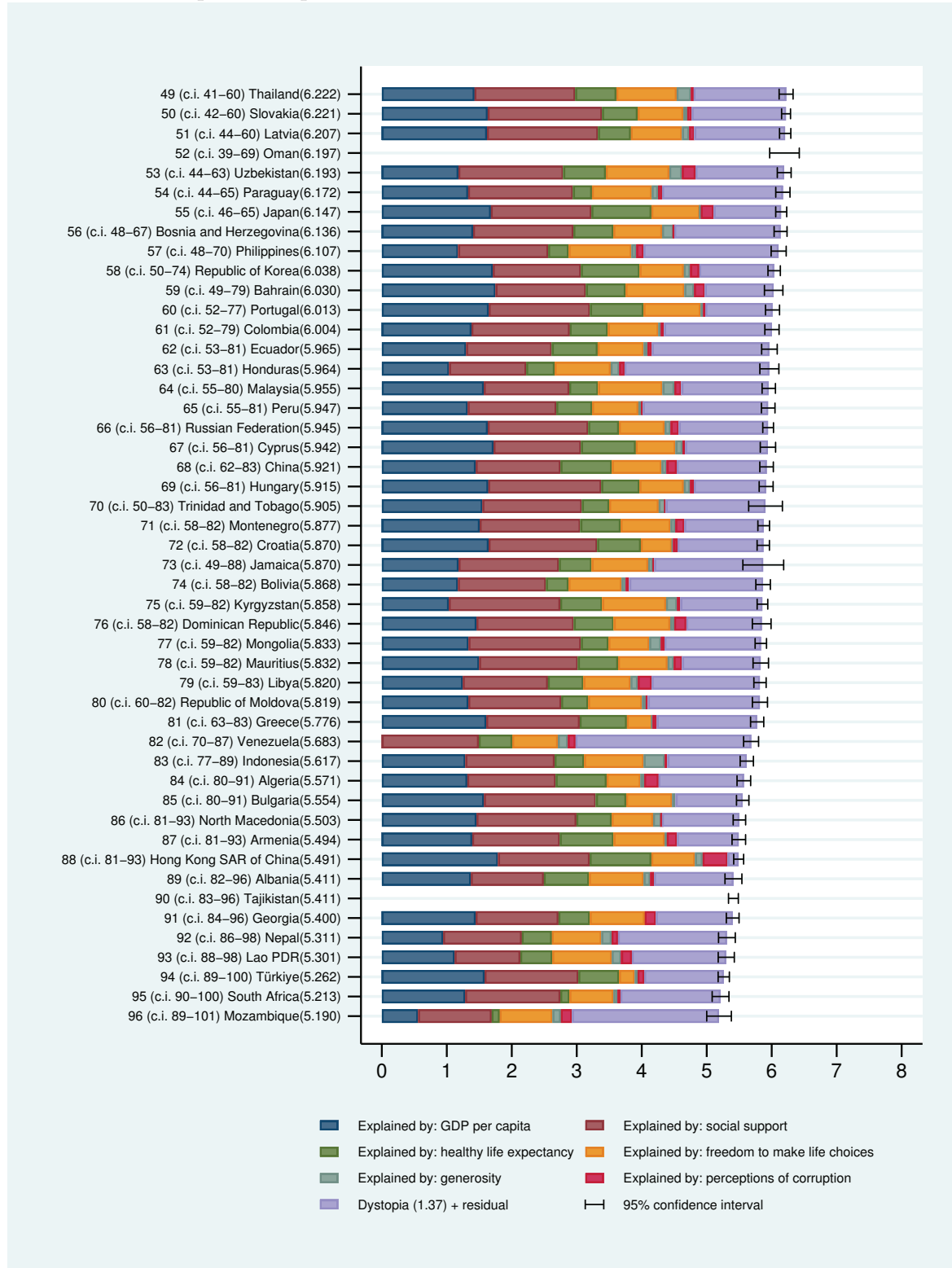


Figure 29: Ranking of Happiness: 2022-2024 (Part 3); those with empty columns have the happiness score for ranking, but not all the necessary factors for decomposition even after the imputation process described in section 3

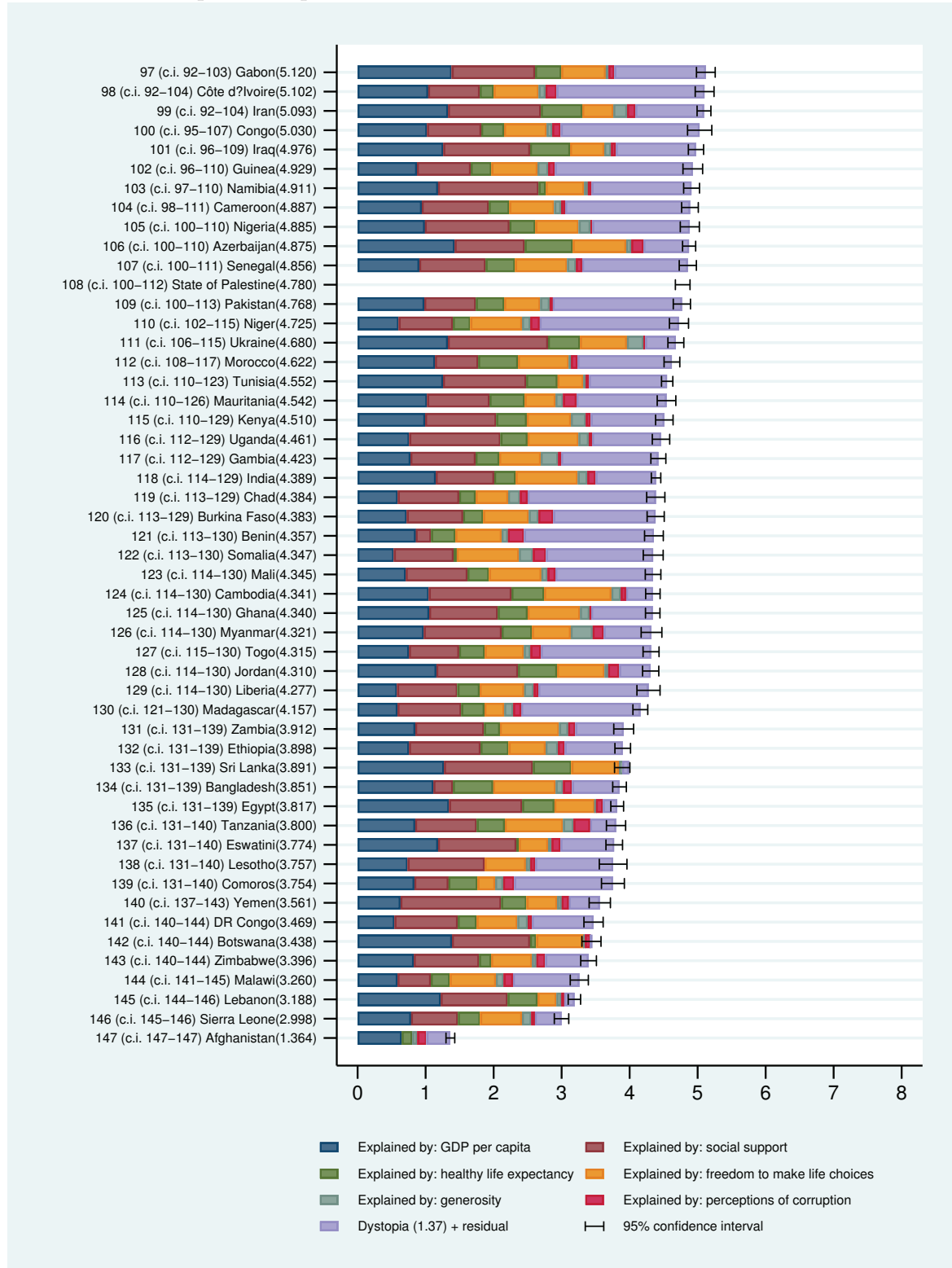


Table 15: Countries that used imputed corrupt based on WGI control of corruption indicators

Country name	Imputation indicator: corrupt is imputed based on WGI's control of corruption in
Egypt	1
Saudi Arabia	1
China	1
Bahrain	1
Kuwait	1
United Arab Emirates	1

Table 16: Countries/territories that are not covered in the decomposition exercise due to missing factors; an empty table means all countries are covered

Country name	Country	Missing factors
Oman	161	Perceptions of corruption,
Tajikistan	185	Freedom to make life choices,
State of Palestine	39	Healthy life expectancy,

Note: Any countries/territories that are missing per-capita GDP automatically miss Generosity, because we adjust the latter to filter out the influence of per-capita GDP. In addition, any countries/territories that are missing the variable of corruption perception are indeed missing the perception on both business and government.



## Ranking by Prosociality

Table 17: Rankings by Life Ladder and by Prosociality (2019 for wallter return measures, 2022-2024 for all others) - Part 1

Country name	Life Ladder Rank	Donation Rank	value	Volunteering Rank	glue	Help stranger Rank	value	Wallet- neighbour Rank	value	Wallet- stranger Rank	value	Wallet- police Rank	value
Finland	1	39	.416	75	.232	96	.569	3	.879	5	.412	2	.943
Denmark	2	25	.536	64	.25	76	.607	8	.852	6	.411	18	.855
Iceland	3	5	.667	77	.225	125	.496						
Sweden	4	15	.58	87	.198	90	.577	4	.864	31	.339	11	.903
Netherlands	5	9	.629	42	.309	134	.459	1	.918	4	.425	6	.911
Costa Rica	6	92	.247	84	.202	36	.679	92	.544	121	.134	97	.503
Norway	7	11	.602	43	.307	101	.558	2	.913	1	.504	1	.946
Israel	8	32	.494	61	.253	84	.591	41	.681	65	.275	53	.7
Luxembourg	9	31	.495	41	.309	135	.457	24	.734	41	.324	8	.91
Mexico	10	102	.208	89	.195	61	.636	119	.423	113	.147	128	.254
Australia	11	20	.561	34	.316	39	.676	7	.854	14	.393	12	.886
New Zealand	12	22	.553	22	.336	65	.633	10	.839	8	.408	5	.915
Switzerland	13	21	.561	56	.273	137	.44	11	.831	18	.384	7	.911
Belgium	14	35	.449	68	.246	118	.518	33	.709	60	.283	34	.769
Ireland	15	7	.649	36	.315	88	.58	9	.841	20	.362	16	.859
Lithuania	16	110	.196	125	.118	131	.468	127	.365	125	.115	54	.7
Austria	17	10	.604	59	.261	111	.53	5	.861	7	.41	4	.917
Canada	18	17	.568	25	.331	47	.66	12	.806	17	.384	14	.865
Slovenia	19	37	.434	47	.288	127	.482	15	.79	30	.341	23	.832
Czechia	20	38	.426	73	.238	66	.628						
United Arab Emirates	21	16	.574	19	.359	67	.627	50	.653	12	.401	13	.88
Germany	22	26	.524	67	.246	82	.599	6	.856	15	.39	3	.926
United Kingdom	23	4	.675	54	.278	108	.537	14	.794	26	.348	15	.862
United States	24	12	.597	15	.379	12	.744	17	.777	50	.309	24	.822
Belize	25	100	.213	37	.314	23	.717						
Poland	26	125	.166	143	.065	146	.243	73	.599	85	.244	42	.742
Taiwan Province of China	27	42	.413	112	.156	86	.586	42	.678	21	.361	26	.817
Uruguay	28	75	.29	95	.188	34	.681	58	.638	70	.271	86	.56
Kosovo	29	23	.553	139	.08	63	.634	70	.609	43	.318	45	.728
Kuwait	30	33	.493	46	.289	27	.708	19	.765	11	.406		
Serbia	31	41	.415	145	.062	140	.432	72	.601	52	.307	51	.704
Saudi Arabia	32	48	.402	92	.191	41	.673	16	.779	24	.355	20	.843
France	33	52	.384	38	.311	143	.406	21	.746	58	.292	22	.838
Singapore	34	14	.58	32	.319	35	.679	25	.732	54	.304	9	.907
Romania	35	119	.18	140	.075	110	.531	82	.564	82	.248	48	.712

Table 18: Rankings by Life Ladder and by Prosociality (2019 for wallet return measures, 2022-2024 for all others) - Part 2

Country name	Life Ladder Rank	Donation Rank	value	Volunteering Rank	Help stranger Rank	value	Wallet-neighbour Rank	value	Wallet-stranger Rank	value	Wallet-police Rank	value	
Brazil	36	78	.284	85	.201	58	.641	57	.641	71	.267	81	.589
El Salvador	37	128	.154	70	.243	85	.587	107	.483	122	.134	109	.442
Spain	38	44	.408	97	.188	83	.596	13	.794	39	.325	10	.905
Estonia	39	36	.442	82	.207	102	.556	31	.717	61	.282	30	.795
Italy	40	65	.338	106	.167	121	.514	62	.632	94	.215	31	.792
Panama	41	104	.203	62	.253	75	.609	118	.435	108	.162	99	.491
Argentina	42	105	.201	94	.188	52	.653	84	.562	68	.273	120	.366
Kazakhstan	43	51	.385	122	.128	138	.439	30	.722	40	.325	62	.668
Guatemala	44	98	.215	20	.34	71	.619	111	.464	112	.148	119	.368
Chile	45	68	.325	105	.167	40	.675	81	.569	93	.215	110	.438
Viet Nam	46	136	.127	124	.12	122	.507						
Nicaragua	47	89	.254	50	.283	69	.623	128	.355	129	.08	122	.358
Malta	48	6	.653	55	.277	105	.546	53	.648	66	.274	47	.717
Thailand	49	8	.645	81	.215	87	.583	114	.45	130	.076	80	.591
Slovakia	50	88	.256	103	.172	136	.451	56	.645	86	.242	55	.696
Latvia	51	54	.381	126	.116	117	.52	49	.659	83	.248	58	.677
Oman	52	34	.466	83	.202	20	.722						
Uzbekistan	53	29	.516	107	.164	100	.564	18	.766	47	.314	19	.843
Paraguay	54	76	.289	30	.32	48	.66	113	.458	99	.188	123	.301
Japan	55	131	.149	104	.169	147	.221	35	.7	25	.35	33	.77
Bosnia and Herzegovina	56	28	.52	128	.106	113	.529	52	.651	46	.315	56	.691
Philippines	57	106	.2	6	.421	51	.654	89	.551	19	.369	61	.671
Republic of Korea	58	53	.381	93	.19	109	.533						
Bahrain	59	27	.521	63	.25	31	.689	23	.745	9	.408	17	.855
Portugal	60	101	.21	120	.136	116	.522	46	.67	79	.253	39	.759
Colombia	61	130	.15	100	.183	80	.601	112	.461	106	.165	113	.409
Ecuador	62	118	.18	90	.194	92	.575	126	.371	127	.102	114	.407
Honduras	63	70	.324	31	.32	43	.672	101	.509	109	.159	117	.388
Malaysia	64	19	.562	28	.322	81	.599	76	.584	115	.146	63	.665
Peru	65	124	.166	88	.197	79	.603	125	.382	114	.147	116	.397
Russian Federation	66	60	.353	91	.194	64	.634						
Cyprus	67	56	.374	76	.232	70	.621	26	.731	37	.329	32	.772
China	68	85	.27	74	.235	123	.504	48	.662	57	.299	21	.84
Hungary	69	58	.363	119	.136	21	.721	32	.712	105	.176	27	.813
Trinidad and Tobago	70	50	.389	40	.309	3	.809						

Table 19: Rankings by Life Ladder and by Prosociality (2019 for wallter return measures, 2022-2024 for all others) - Part 3

Country name	Life Ladder Rank	Donation Rank	value	Volunteering Rank	Help stranger Rank	value	Wallet-neighbour Rank	value	Wallet-stranger Rank	value	Wallet-police Rank	value	
Montenegro	71	84	.273	136	.081	142	.413	64	.623	45	.315	65	.657
Croatia	72	126	.162	134	.084	144	.353	77	.583	80	.252	44	.734
Jamaica	73	108	.199	9	.396	1	.828	74	.593	76	.255	96	.503
Bolivia	74	117	.181	66	.248	72	.616	129	.352	119	.136	125	.292
Kyrgyzstan	75	40	.416	78	.22	55	.648	39	.683	87	.241	92	.522
Dominican Republic	76	96	.23	21	.339	25	.71	102	.5	120	.136	126	.292
Mongolia	77	30	.511	18	.361	132	.468	93	.543	95	.196	57	.683
Mauritius	78	69	.324	29	.321	119	.518	85	.559	64	.276	82	.589
Libya	79	73	.311	80	.217	30	.693	20	.752	10	.407	69	.644
Republic of Moldova	80	116	.181	127	.116	73	.615						
Greece	81	138	.105	114	.147	104	.547	86	.554	101	.185	37	.765
Venezuela	82	111	.196	23	.336	8	.783	105	.487	124	.122	129	.141
Indonesia	83	1	.874	1	.641	59	.639	71	.602	110	.158	52	.702
Algeria	84	114	.185	121	.129	99	.566	55	.647	3	.43	59	.675
Bulgaria	85	94	.237	146	.053	129	.476	61	.633	62	.281	46	.722
North Macedonia	86	46	.406	138	.08	130	.469	115	.448	92	.219	112	.418
Armenia	87	134	.133	131	.091	89	.58	68	.617	28	.343	77	.606
Hong Kong SAR of China	88	43	.408	102	.174	114	.528						
Albania	89	72	.318	135	.082	103	.548	121	.414	117	.143	107	.461
Tajikistan	90	122	.168	4	.46	60	.639	47	.665	90	.235	40	.751
Georgia	91	146	.062	86	.201	37	.679	44	.675	56	.299	50	.711
Nepal	92	59	.361	26	.325	120	.518	106	.485	100	.186	87	.558
Lao PDR	93	55	.377	108	.16	141	.42						
Türkiye	94	112	.195	132	.09	115	.523	54	.648	73	.261	28	.808
South Africa	95	113	.195	60	.256	54	.651	90	.546	98	.19	89	.554
Mozambique	96	103	.204	24	.332	93	.574	75	.586	53	.306	79	.597
Gabon	97	127	.161	115	.147	22	.718	124	.383	111	.157	111	.438
Côte d'Ivoire	98	95	.236	96	.188	50	.656						
Iran	99	18	.567	117	.144	29	.695	28	.726	2	.473	29	.805
Congo	100	115	.185	58	.265	24	.712						
Iraq	101	77	.285	110	.159	17	.729	29	.723	29	.341	78	.605
Guinea	102	61	.345	12	.383	16	.73	65	.622	69	.271	108	.456
Namibia	103	133	.143	57	.27	53	.651	91	.545	74	.26	74	.618
Cameroon	104	99	.214	65	.249	33	.683	97	.516	78	.253	91	.532
Nigeria	105	45	.406	5	.436	7	.784	69	.612	32	.337	118	.375
Azerbaijan	106	90	.253	123	.121	62	.635	36	.698	27	.345	64	.658

Table 20: Rankings by Life Ladder and by Prosociality (2019 for wallter return measures, 2022-2024 for all others) - Part 4

Country name	Life Ladder Rank	Donation Rank	value	Volunteering Rank	Help stranger Rank	value	Wallet-neighbour Rank	value	Wallet-stranger Rank	value	Wallet-police Rank	value
Senegal	107	79	.283	35	6	.784	27	.726	34	.336	25	.817
State of Palestine	108	137	.121	130	95	.569	43	.677	16	.388	49	.712
Pakistan	109	71	.319	109	133	.46	79	.575	35	.333		
Niger	110	109	.199	69	13	.739	34	.701	49	.311	76	.611
Ukraine	111	3	.68	45	9	.754	60	.634	38	.327	102	.476
Morocco	112	144	.08	129	32	.686	67	.618	89	.236	75	.616
Tunisia	113	139	.104	118	77	.606	78	.583	72	.263	93	.521
Mauritania	114	86	.266	44	42	.672	59	.637	63	.278	83	.583
Kenya	115	24	.541	3	4	.797	80	.572	88	.238	90	.546
Uganda	116	74	.302	39	19	.724	95	.538	104	.177	84	.579
Gambia	117	13	.587	16	14	.736	45	.671	48	.311	60	.673
India	118	57	.368	10	74	.615	109	.47	81	.25	88	.556
Chad	119	66	.337	17	28	.697	96	.531	102	.185	121	.363
Burkina Faso	120	81	.279	49	56	.645	83	.563	67	.274	35	.767
Benin	121	121	.177	99	124	.504	117	.442	84	.246	70	.627
Somalia	122	47	.404	71	49	.659						
Mali	123	132	.145	53	98	.568	88	.552	23	.36	103	.473
Cambodia	124	64	.342	144	145	.264	130	.352	131	.068	100	.483
Ghana	125	63	.342	14	44	.669	63	.629	33	.336	72	.619
Myanmar	126	2	.802	48	106	.541	99	.514	118	.139	95	.505
Togo	127	123	.167	79	107	.539	108	.473	77	.253	66	.654
Jordan	128	135	.132	142	57	.643	40	.682	44	.316	36	.766
Liberia	129	91	.25	2	2	.826	98	.514	51	.308	104	.469
Madagascar	130	97	.216	8	94	.571	131	.338	128	.092	115	.4
Zambia	131	83	.276	52	10	.753	103	.498	96	.194	94	.516
Ethiopia	132	49	.39	51	91	.575	104	.496	123	.132	101	.481
Sri Lanka	133	62	.343	7	45	.665	66	.62	13	.397	43	.74
Bangladesh	134	80	.281	111	11	.747	116	.447	91	.232	98	.492
Egypt	135	143	.087	147	38	.678	37	.69	42	.319	73	.618
Tanzania	136	67	.333	116	112	.529	110	.47	59	.291	71	.622
Eswatini	137	129	.15	72	26	.708	122	.409	116	.144	68	.648
Lesotho	138	145	.079	101	68	.627	51	.652	55	.304	38	.764
Comoros	139	93	.238	11	78	.604						
Yemen	140	147	.055	141	128	.48	22	.746	22	.36	105	.469
DR Congo	141	87	.263	27	46	.663						

Table 21: Rankings by Life Ladder and by Prosociality (2019 for wallet return measures, 2022-2024 for all others) - Part 5

Country name	Life Ladder Rank	Donation Rank	value	Volunteering Rank	Help stranger Rank	value	Wallet-neighbour Rank	value	Wallet-stranger Rank	value	Wallet-police Rank	value
Botswana	142	141	.096	113	15	.732	87	.552	97	.191	41	.748
Zimbabwe	143	140	.099	98	97	.569	100	.509	103	.182	106	.467
Malawi	144	120	.179	33	18	.727	94	.54	36	.331	85	.567
Lebanon	145	107	.2	137	139	.436	38	.686	75	.256	67	.652
Sierra Leone	146	82	.279	13	5	.793	120	.416	107	.164	124	.298
Afghanistan	147	142	.087	133	126	.486	123	.394	126	.111	127	.261

Figure 30: Ranking of Generosity – % Who Donated to Charity in the Past Month – Without Adjusting for Per-Capita Income: 2022-2024 (Part 1)

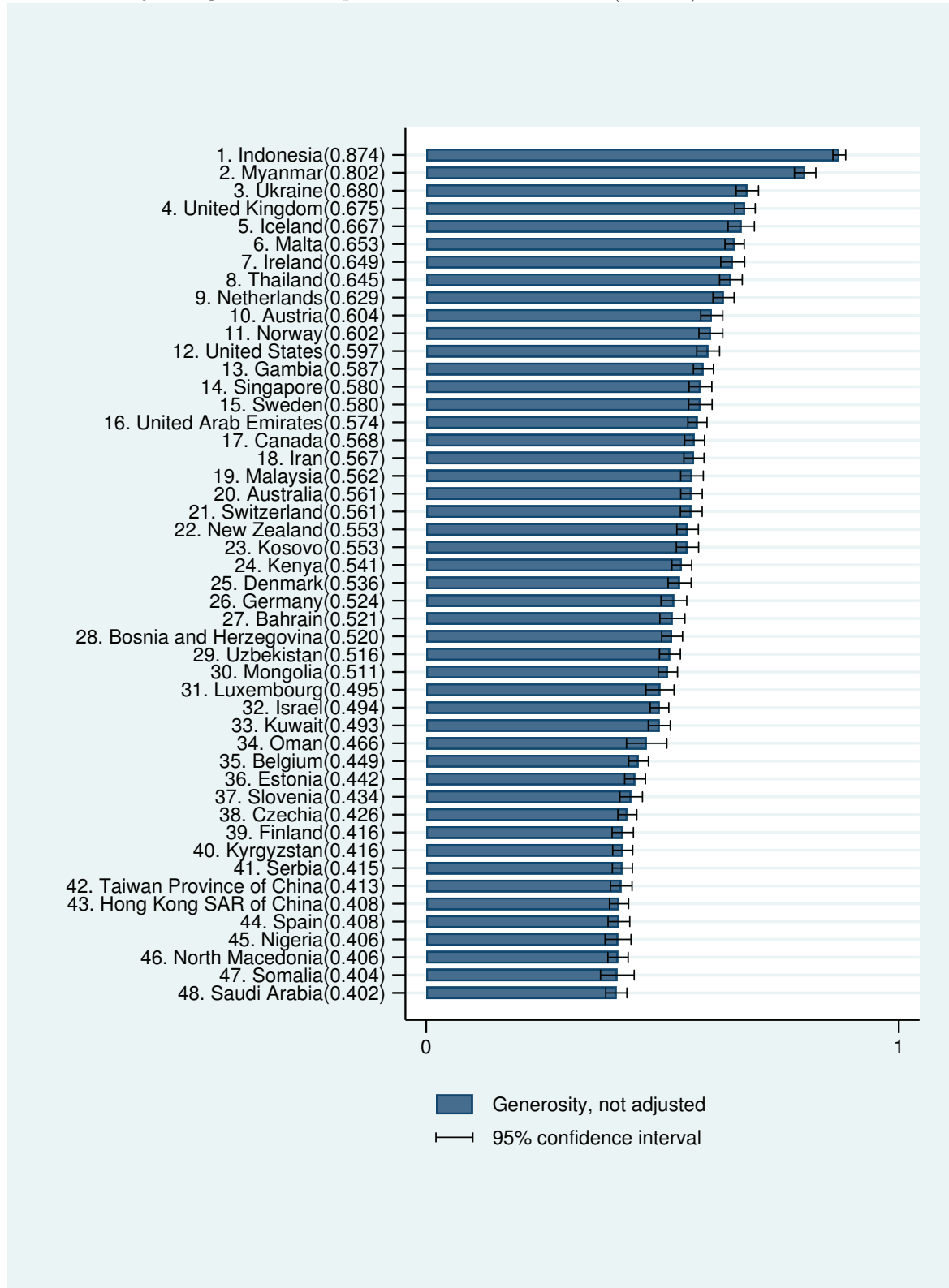


Figure 31: Ranking of Generosity – % Who Donated to Charity in the Past Month – Without Adjusting for Per-Capita Income: 2022-2024 (Part 2)

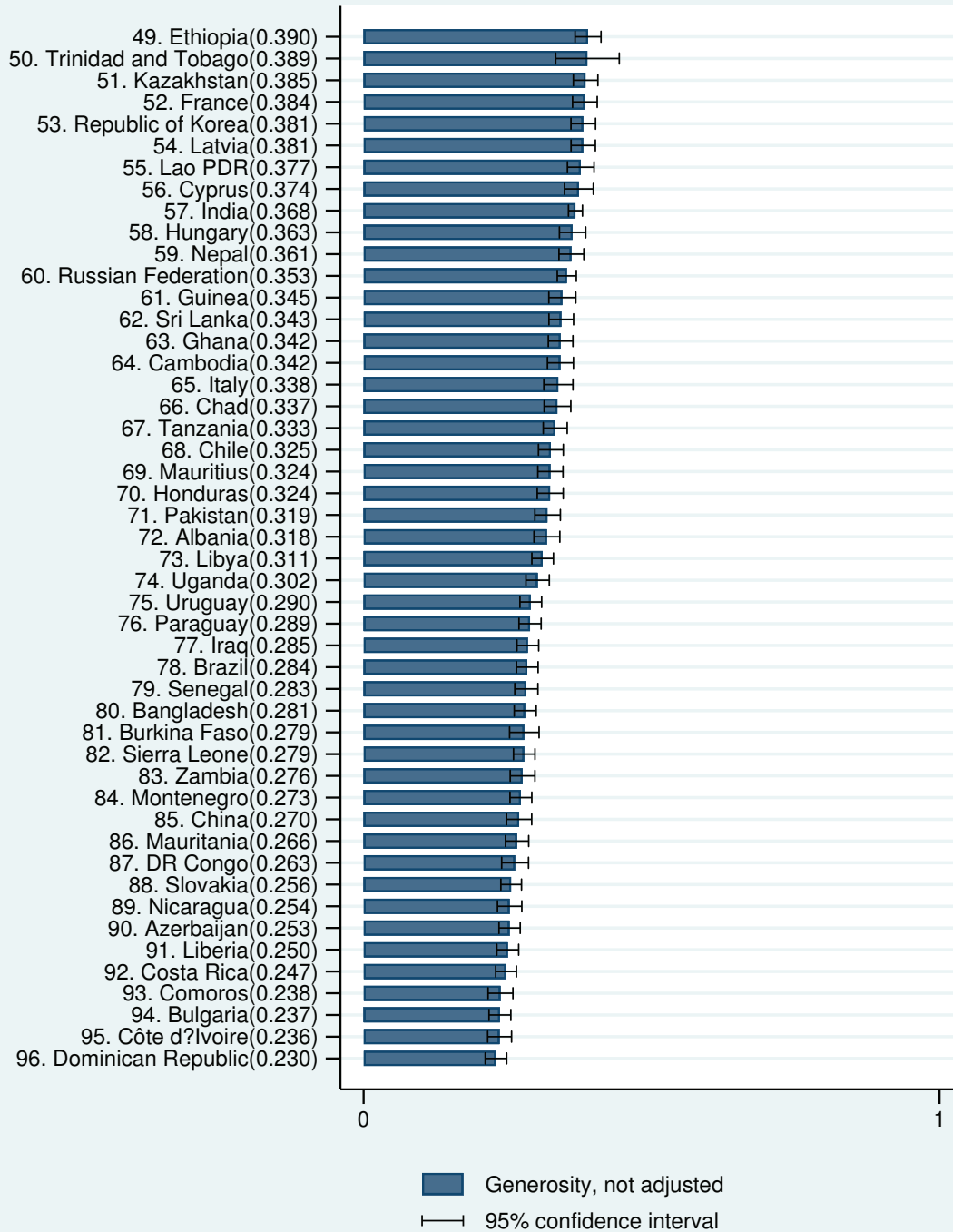




Figure 32: Ranking of Generosity – % Who Donated to Charity in the Past Month – Without Adjusting for Per-Capita Income: 2022-2024 (Part 3)

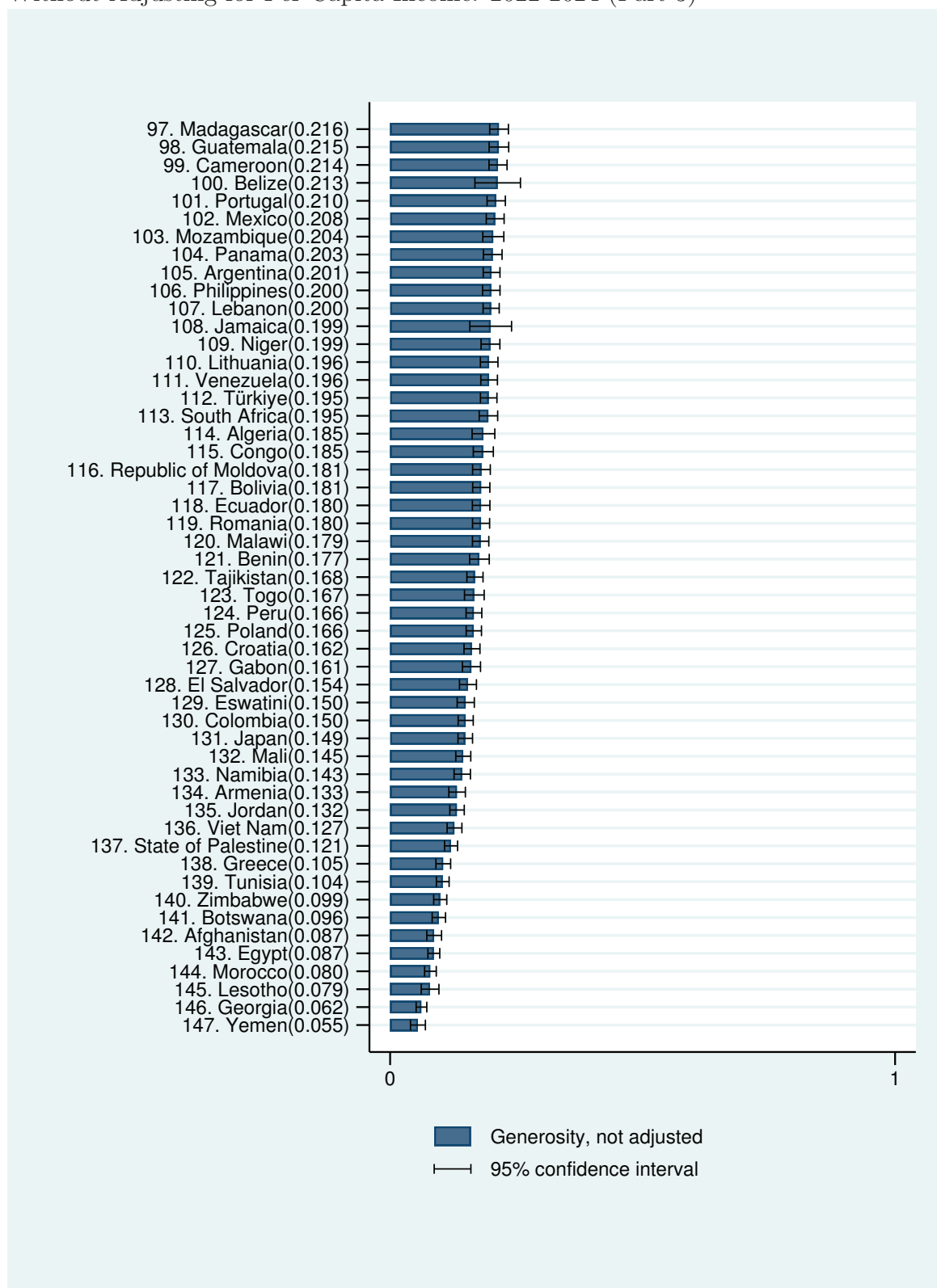


Figure 33: Ranking by Volunteering: 2022-2024 (Part 1)

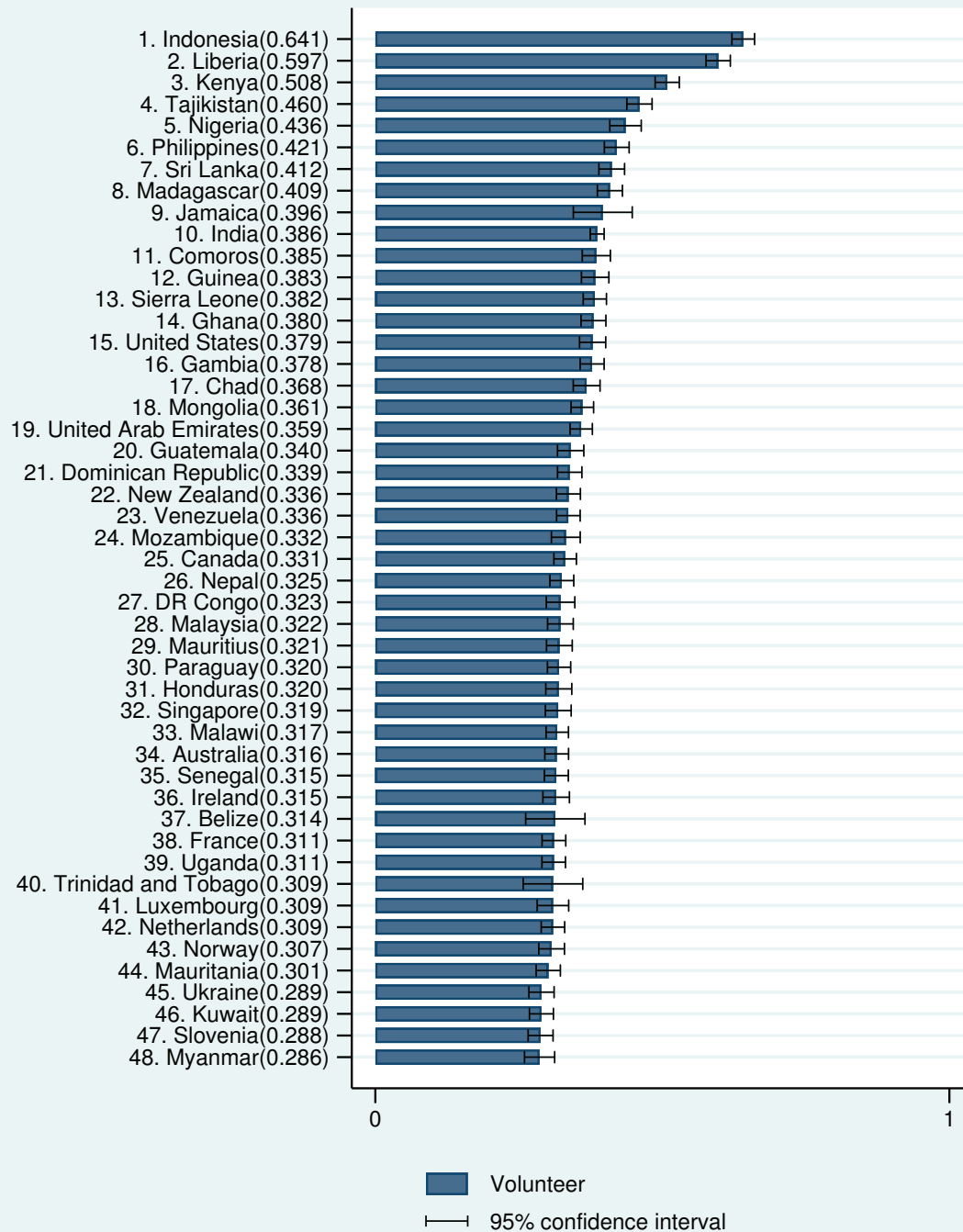


Figure 34: Ranking by- Volunteering: 2022-2024 (Part 2)

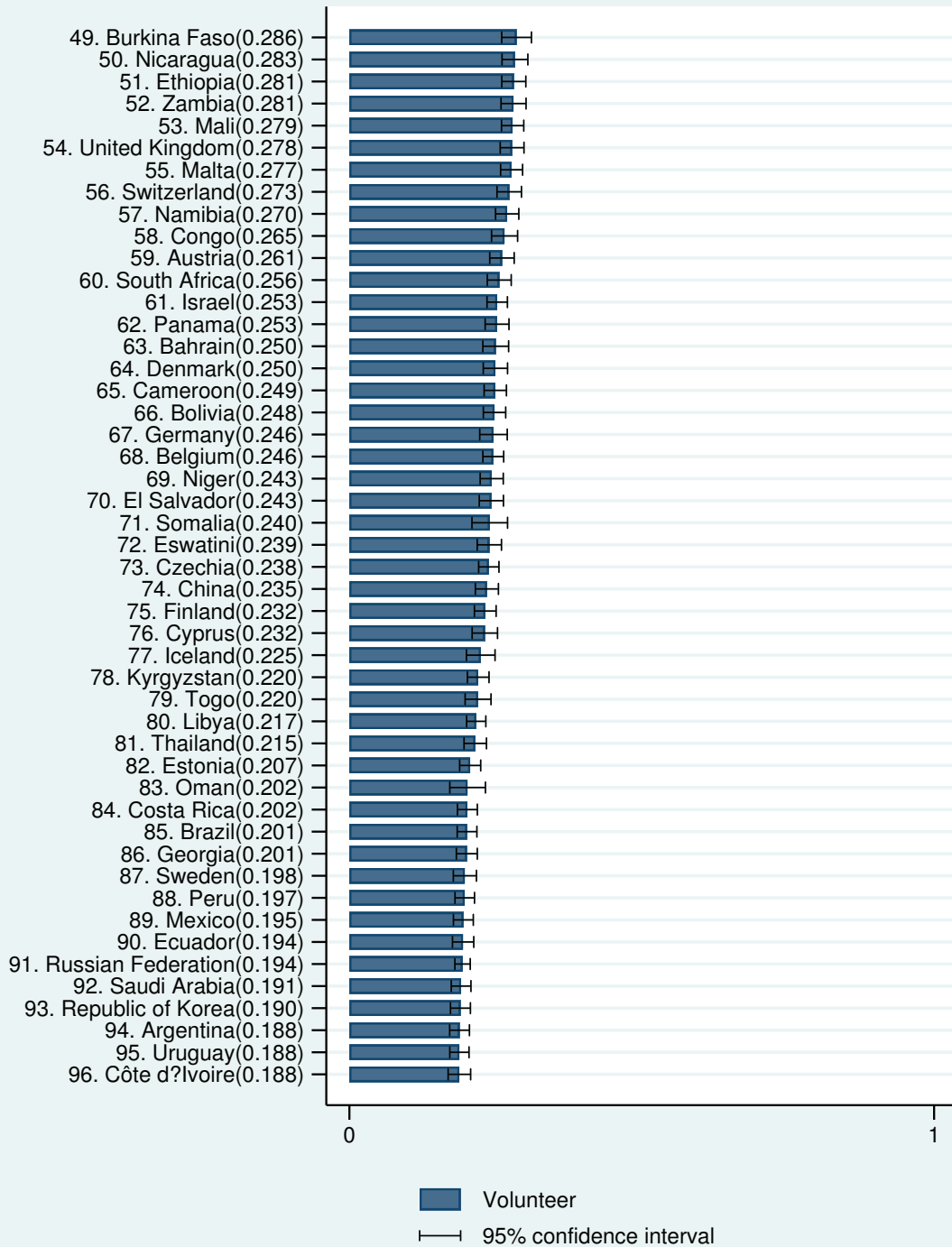


Figure 35: Ranking by Volunteering: 2022-2024 (Part 3)

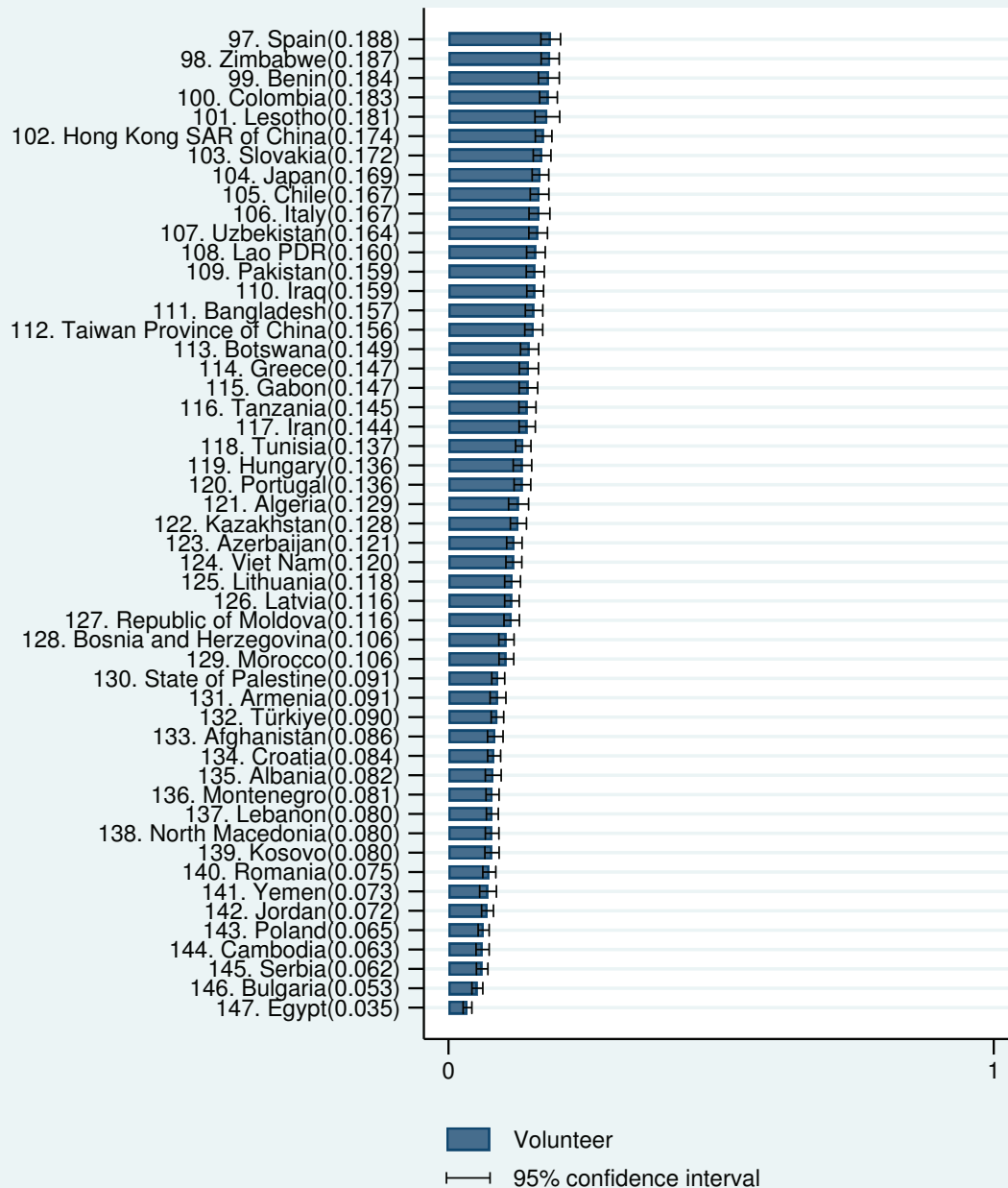


Figure 36: Ranking by Help Stranger: 2022-2024 (Part 1)

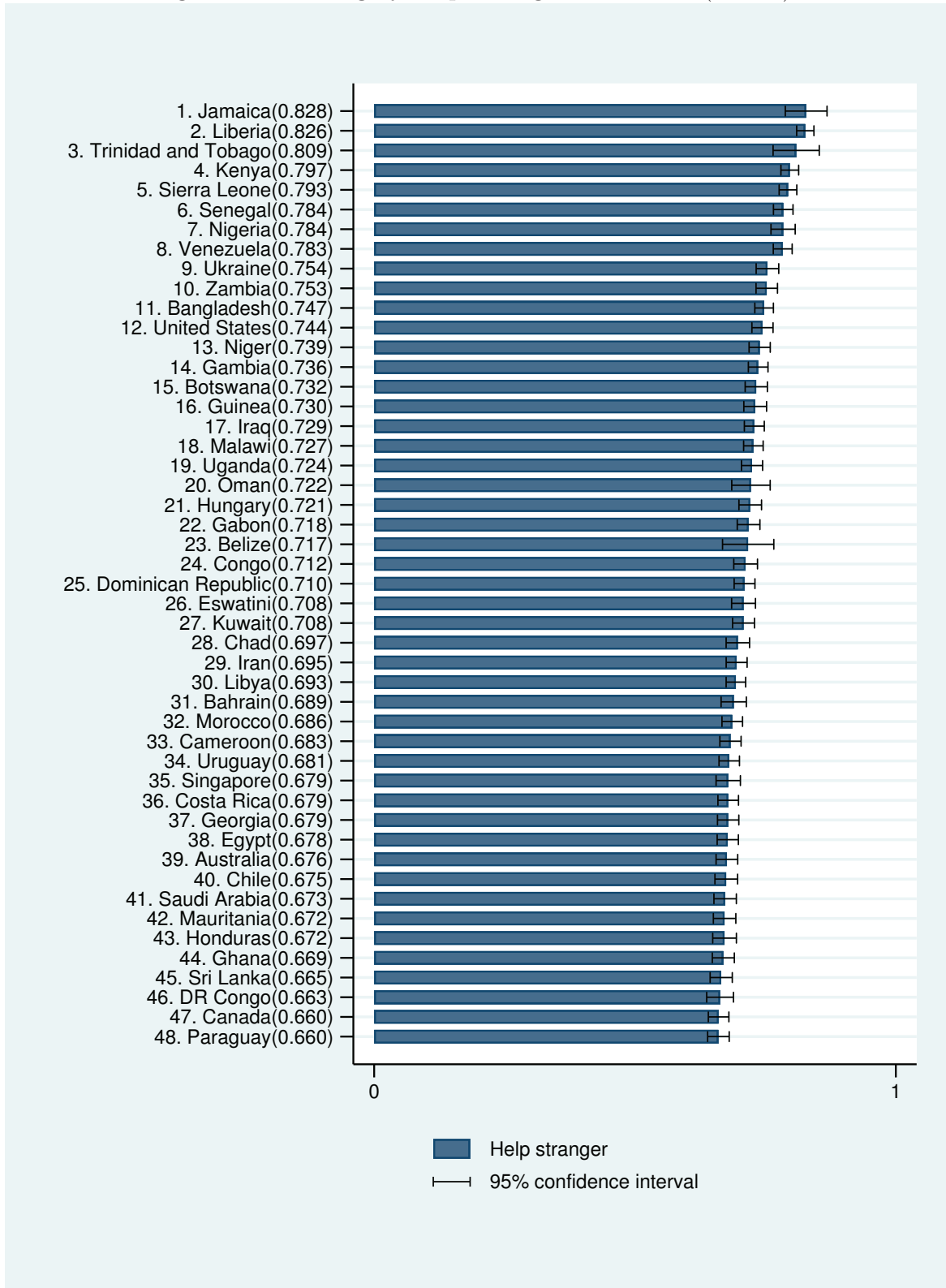


Figure 37: Ranking by Help Stranger: 2022-2024 (Part 2)

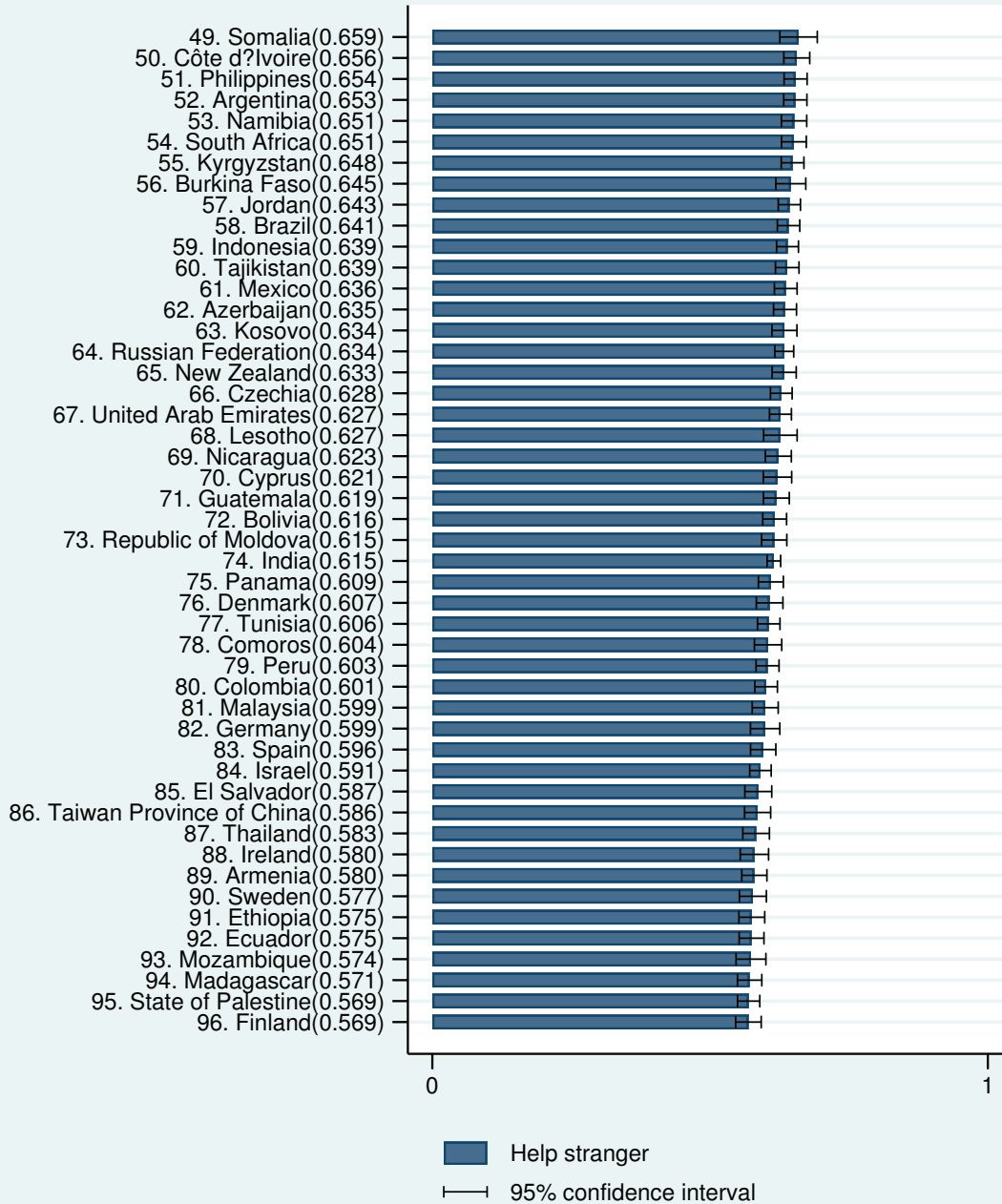


Figure 38: Ranking by Help Stranger: 2022-2024 (Part 3)

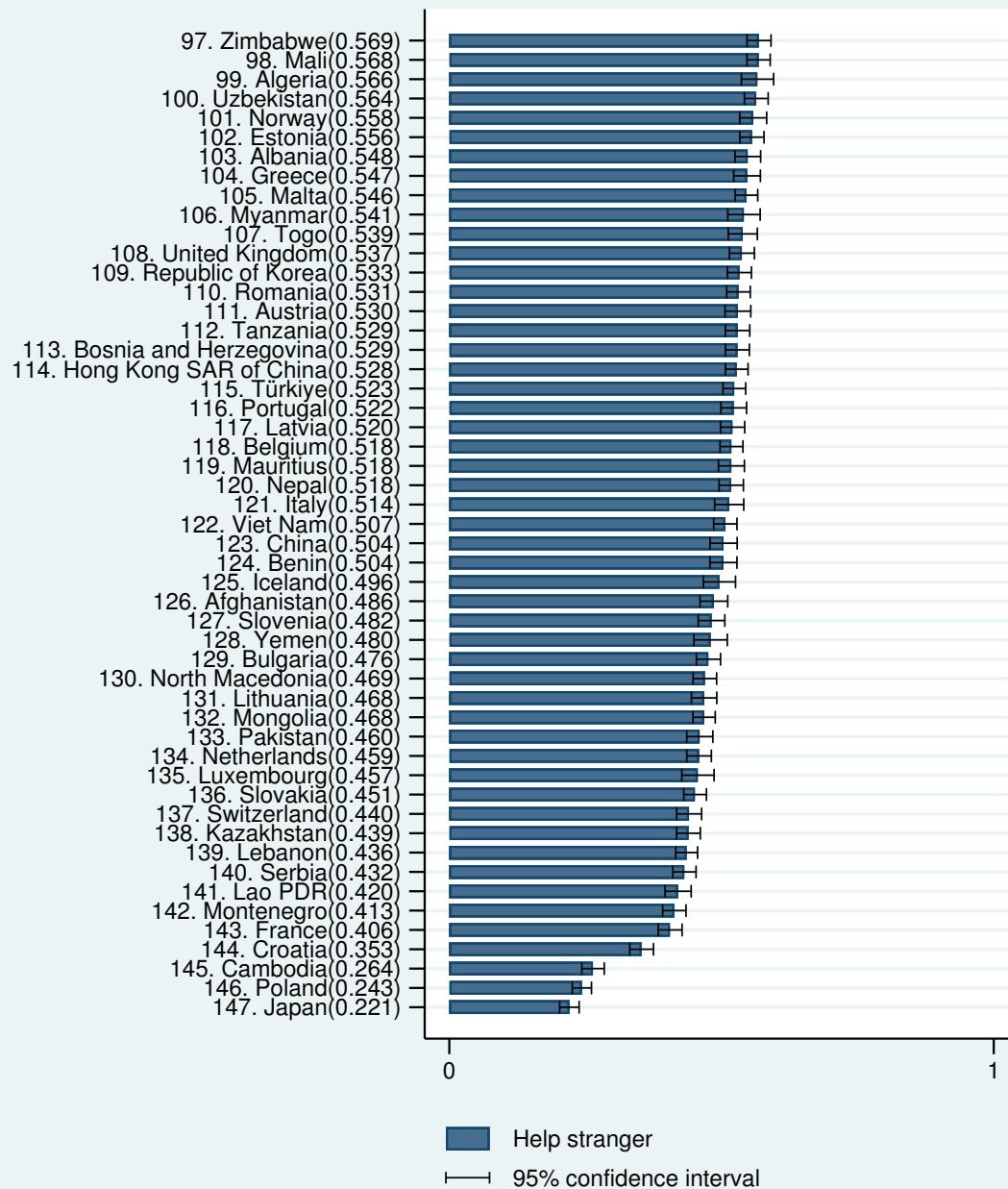


Figure 39: Ranking by Wallet Returned by Neighbour: 2019 (Part 1)

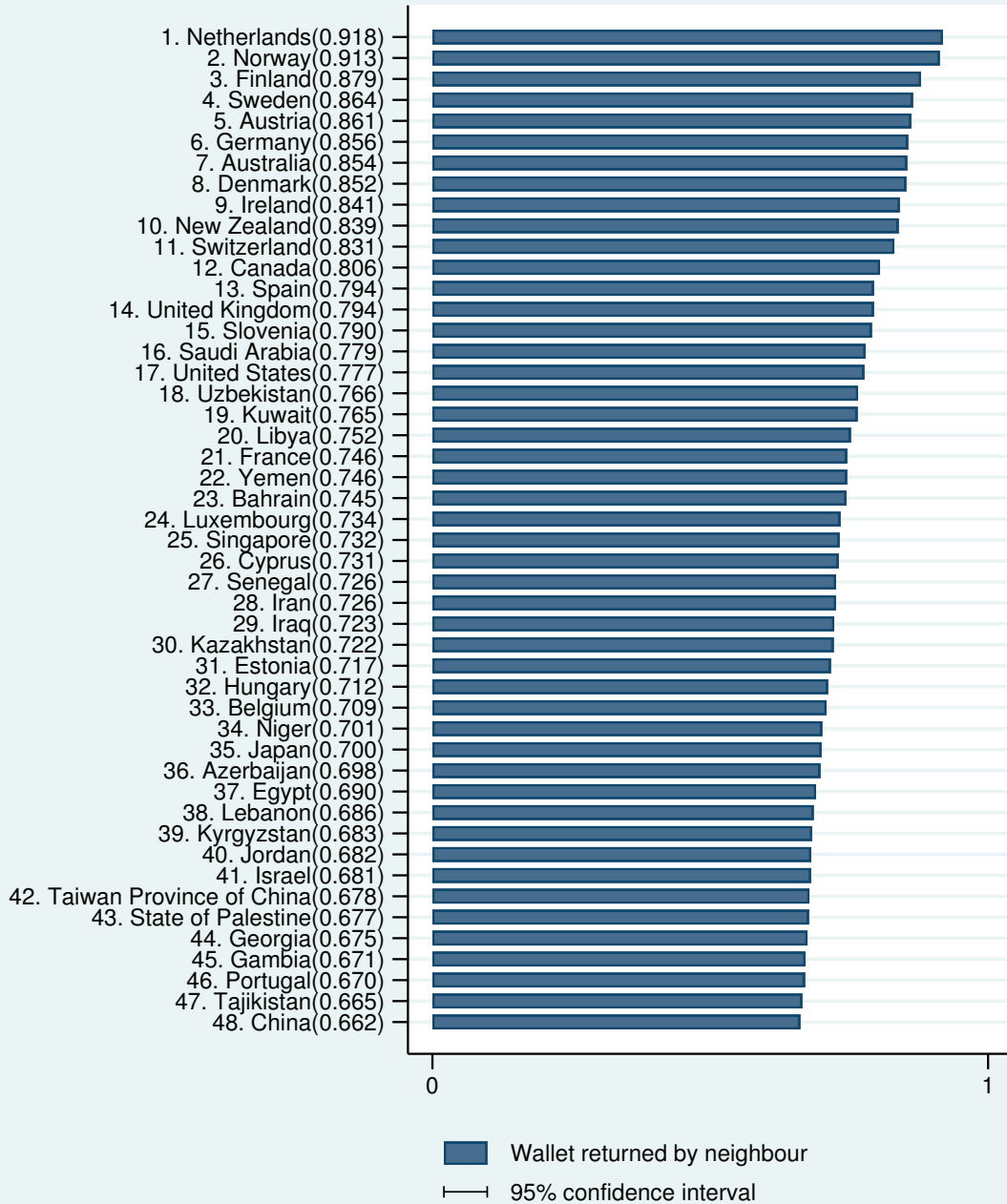




Figure 40: Ranking by Wallet Returned by Neighbour: 2019 (Part 2)

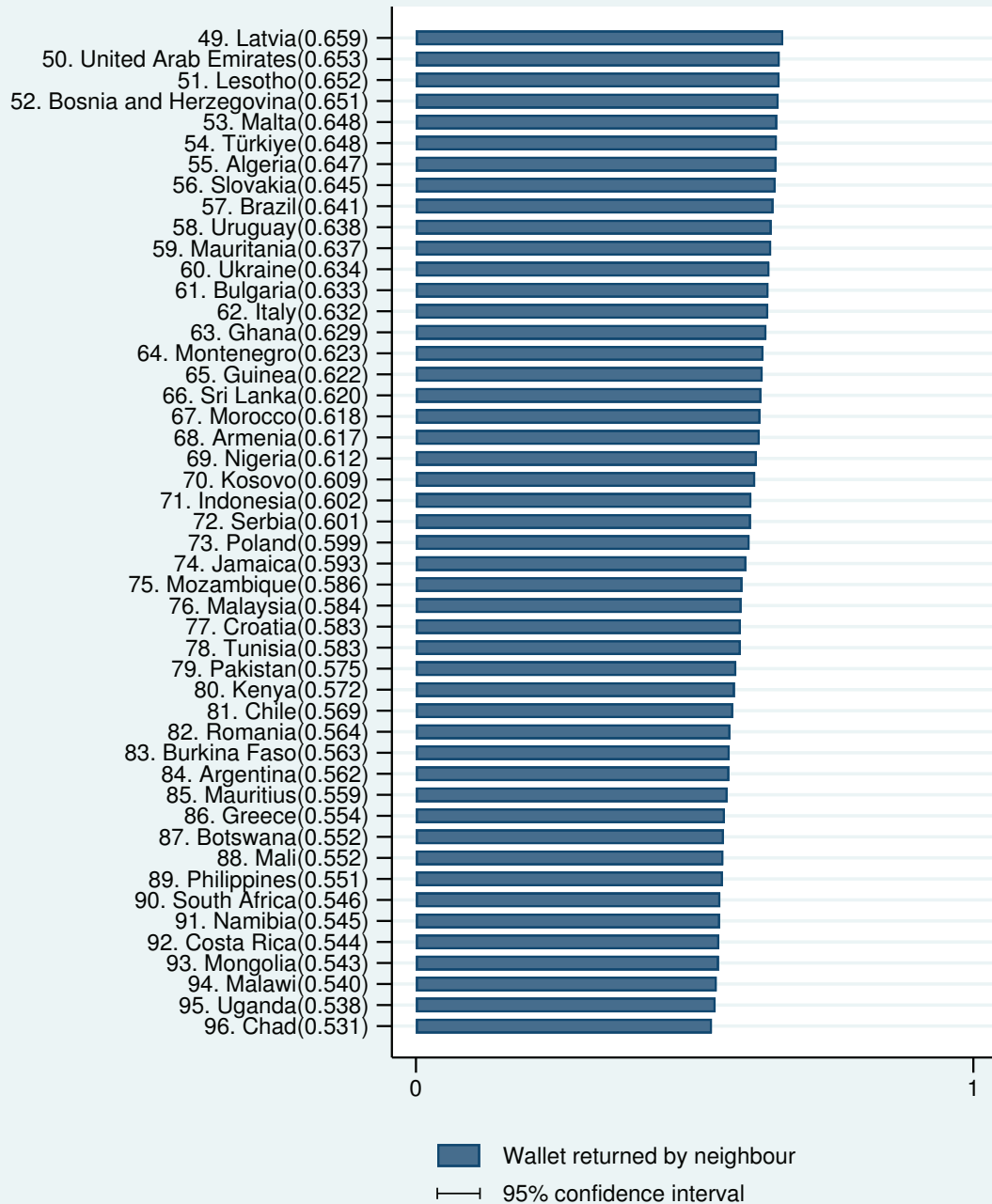


Figure 41: Ranking by Wallet Returned by Neighbour: 2019 (Part 3)

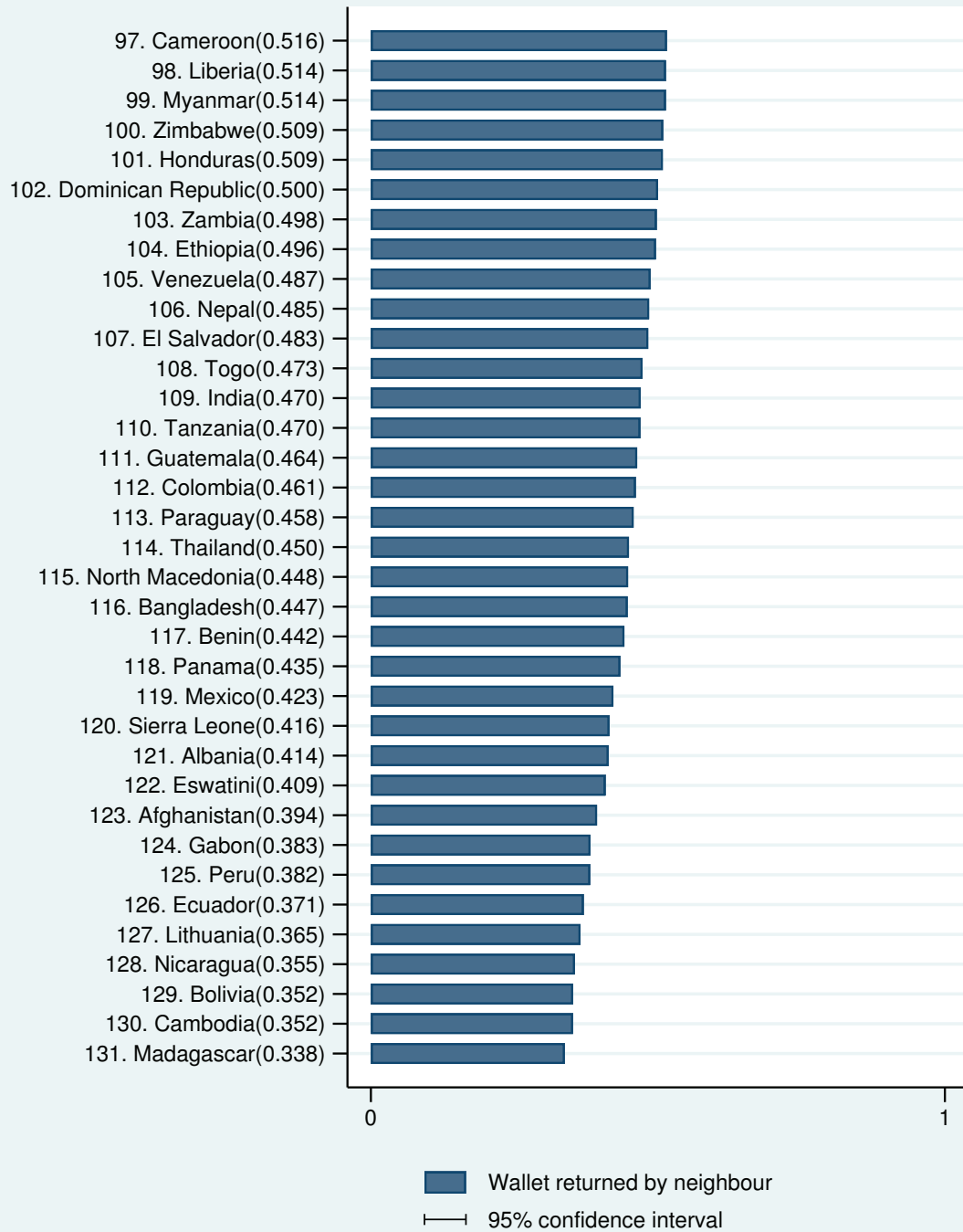


Figure 42: Ranking by Wallet Returned by Stranger: 2019 (Part 1)

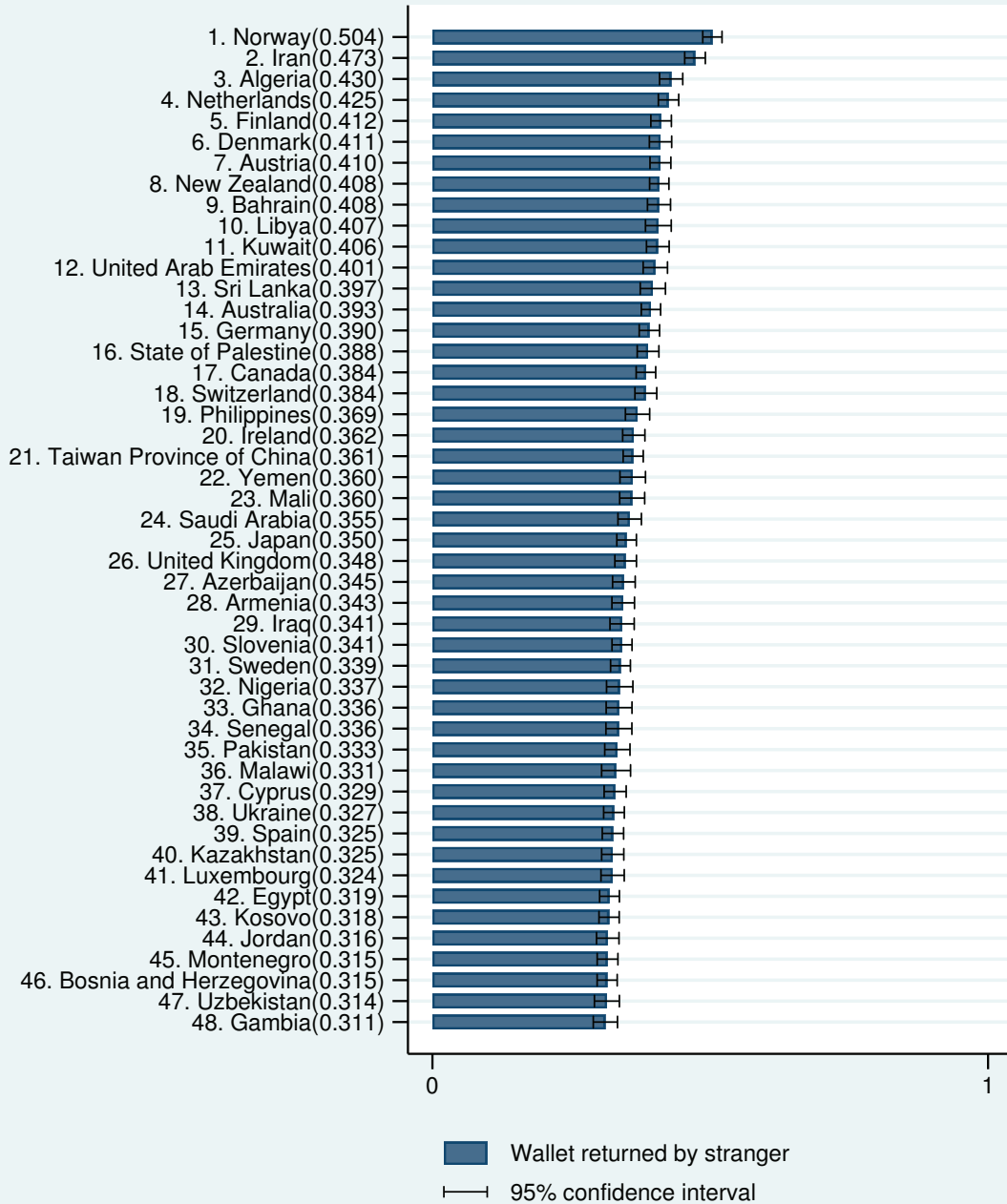


Figure 43: Ranking by Wallet Returned by Stranger: 2019 (Part 2)

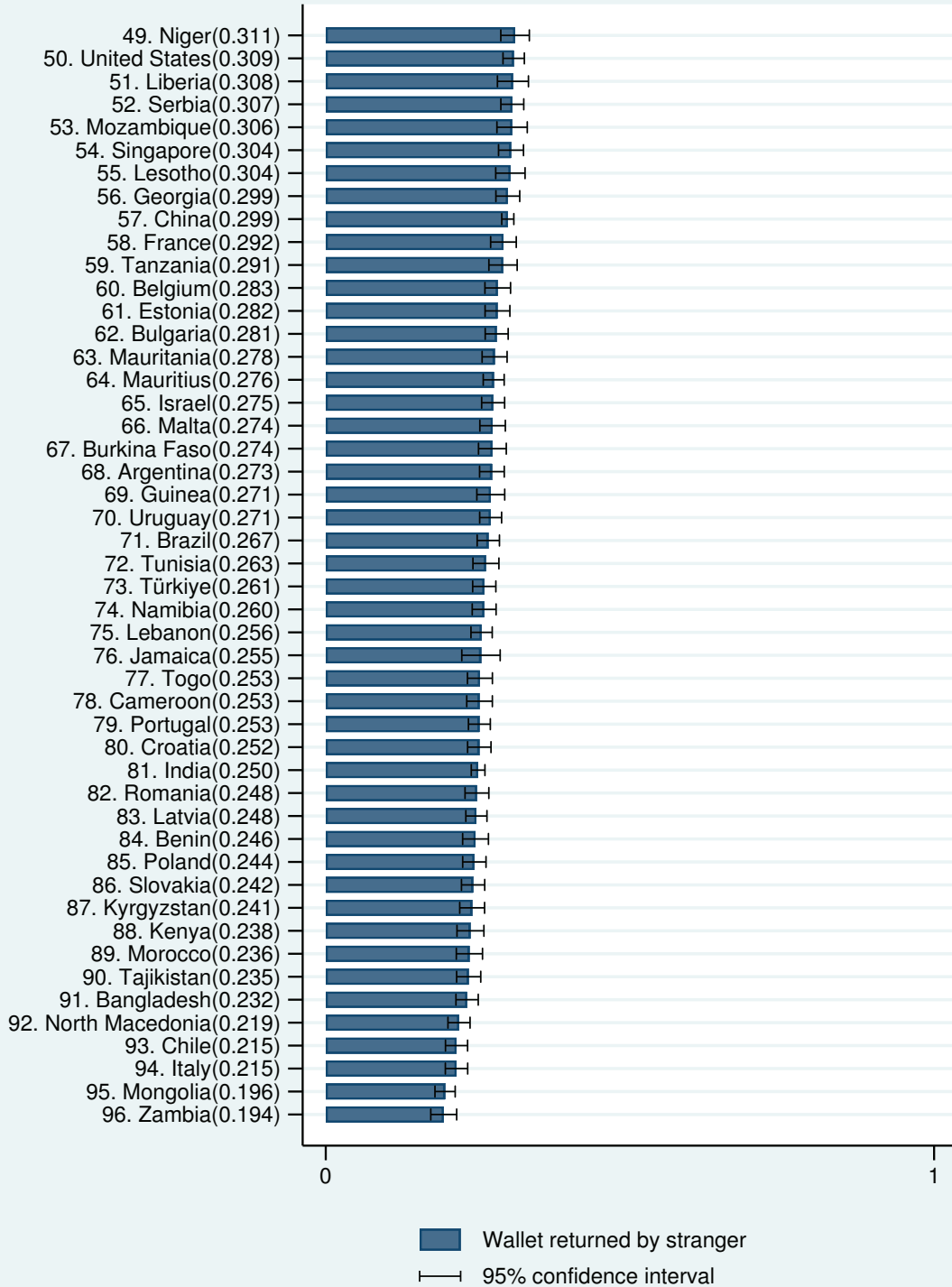


Figure 44: Ranking by Wallet Returned by Stranger: 2019 (Part 3)

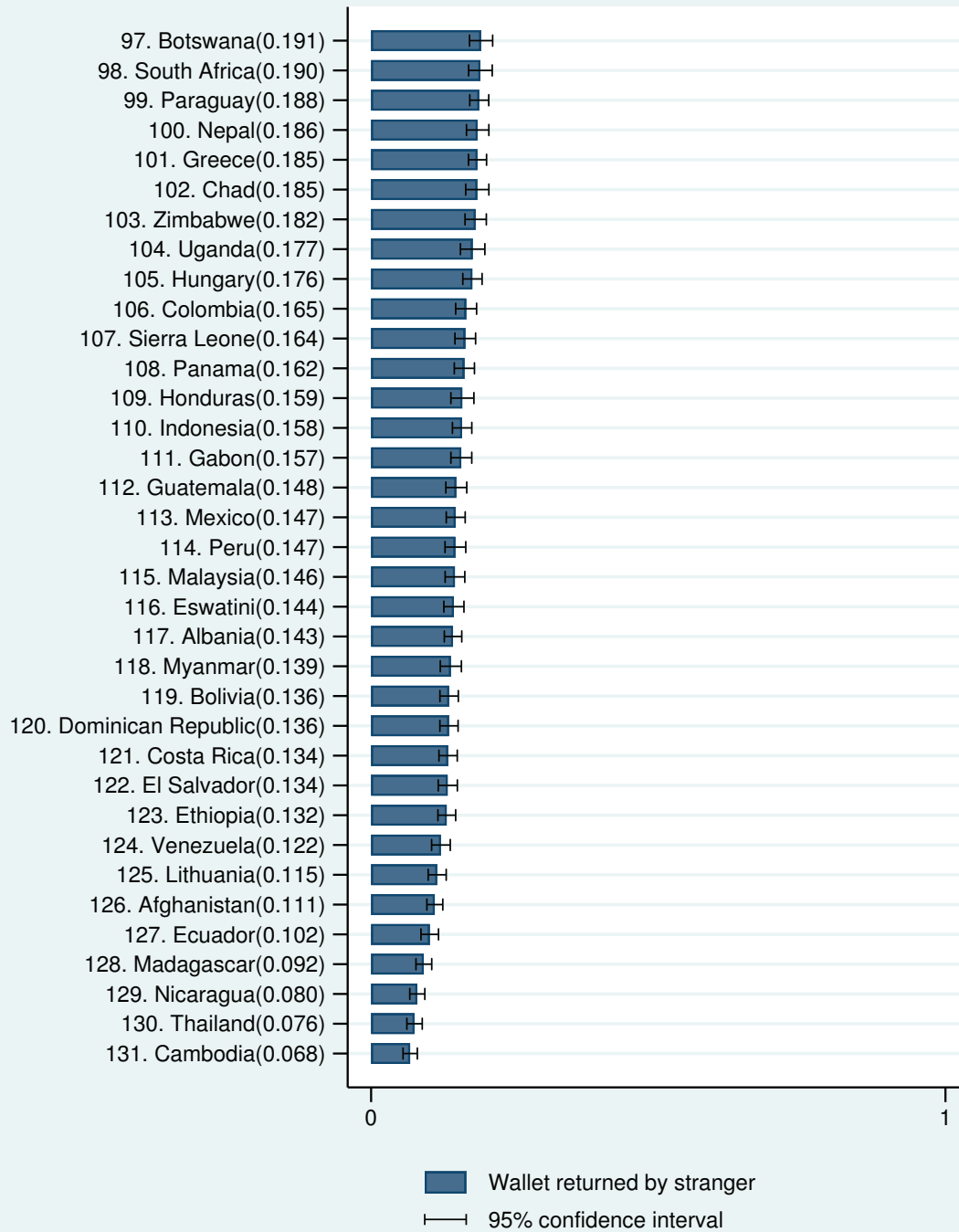


Figure 45: Ranking by Wallet Returned by Police: 2019 (Part 1)

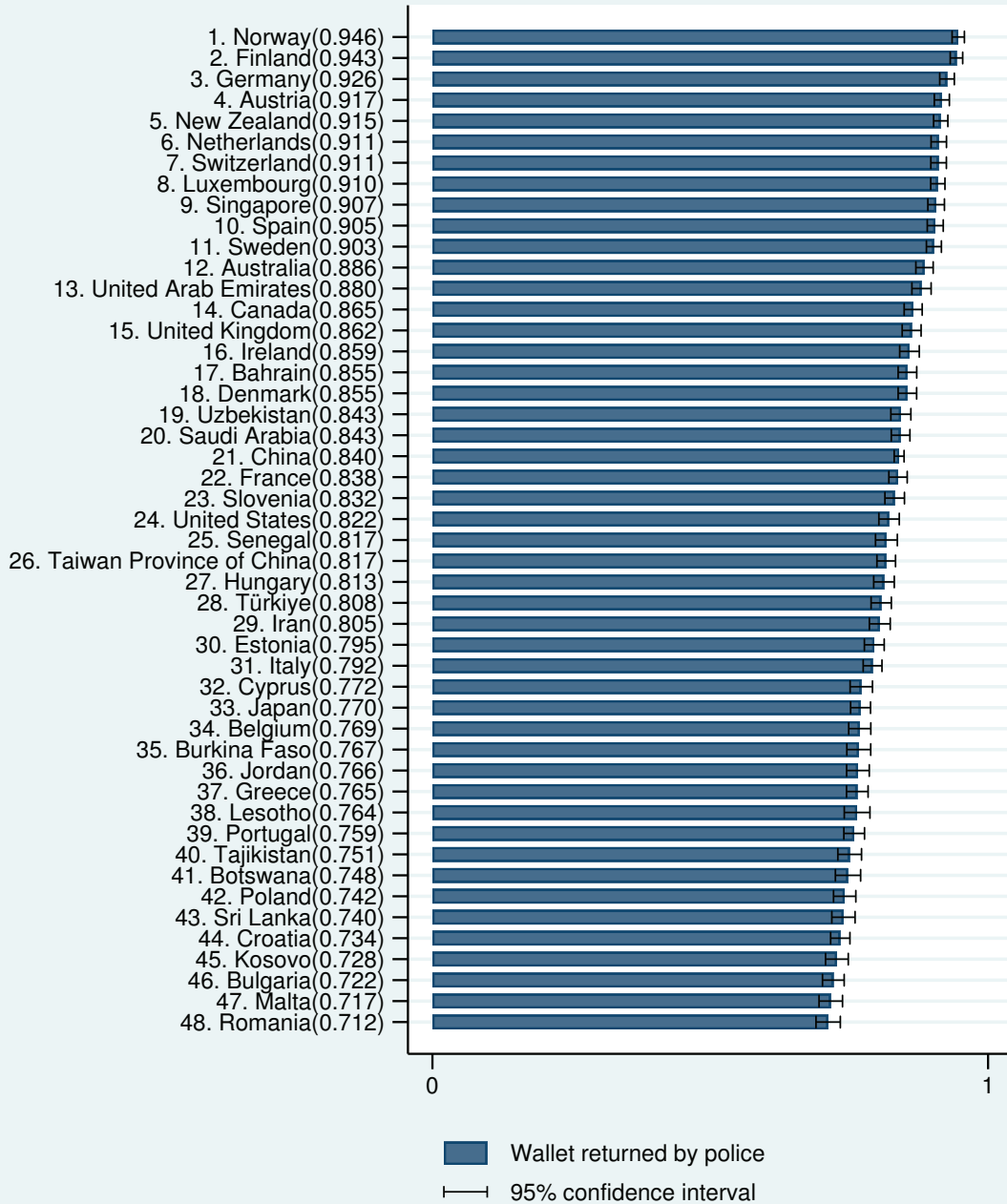


Figure 46: Ranking by Wallet Returned by Police: 2019 (Part 2)

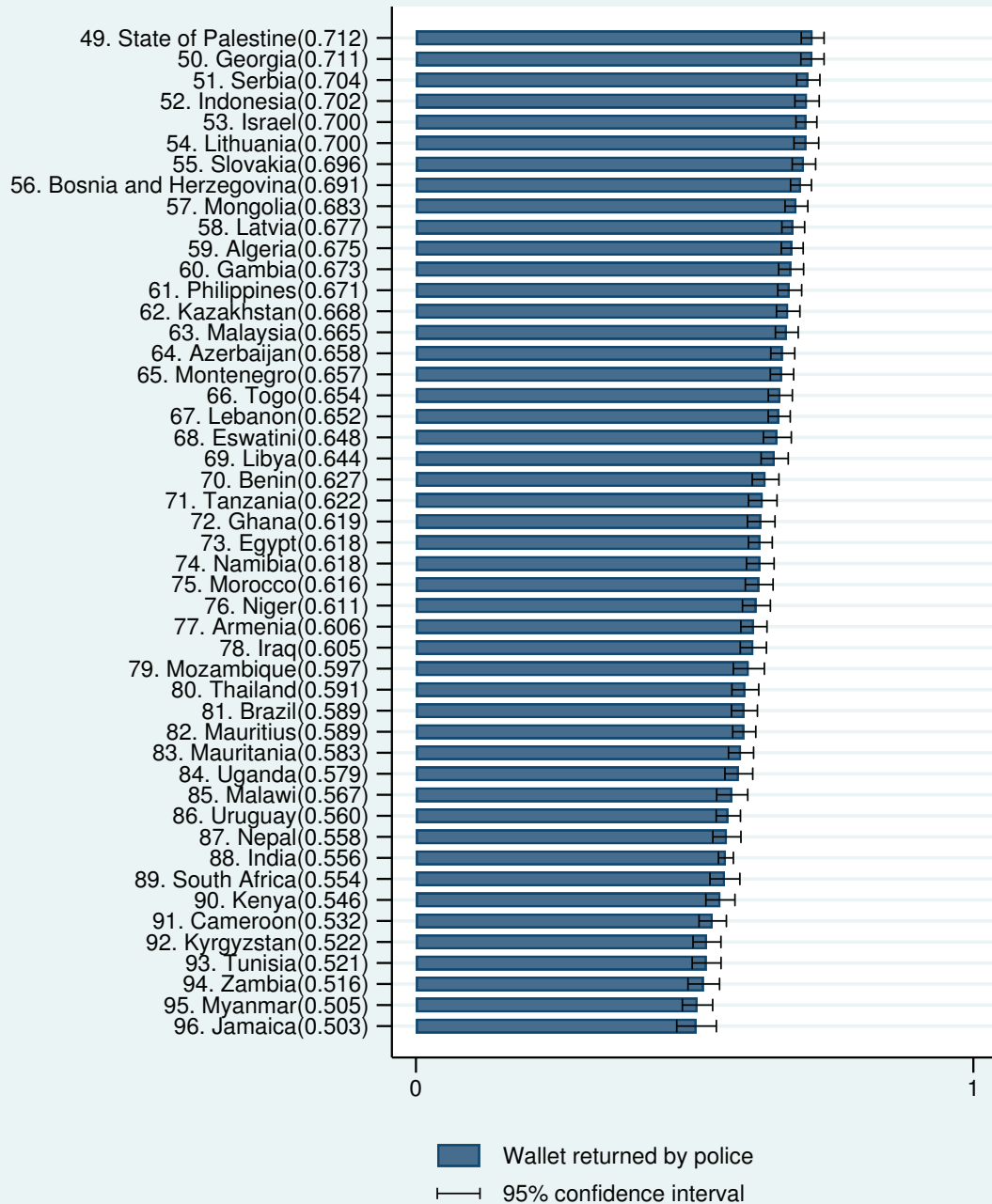
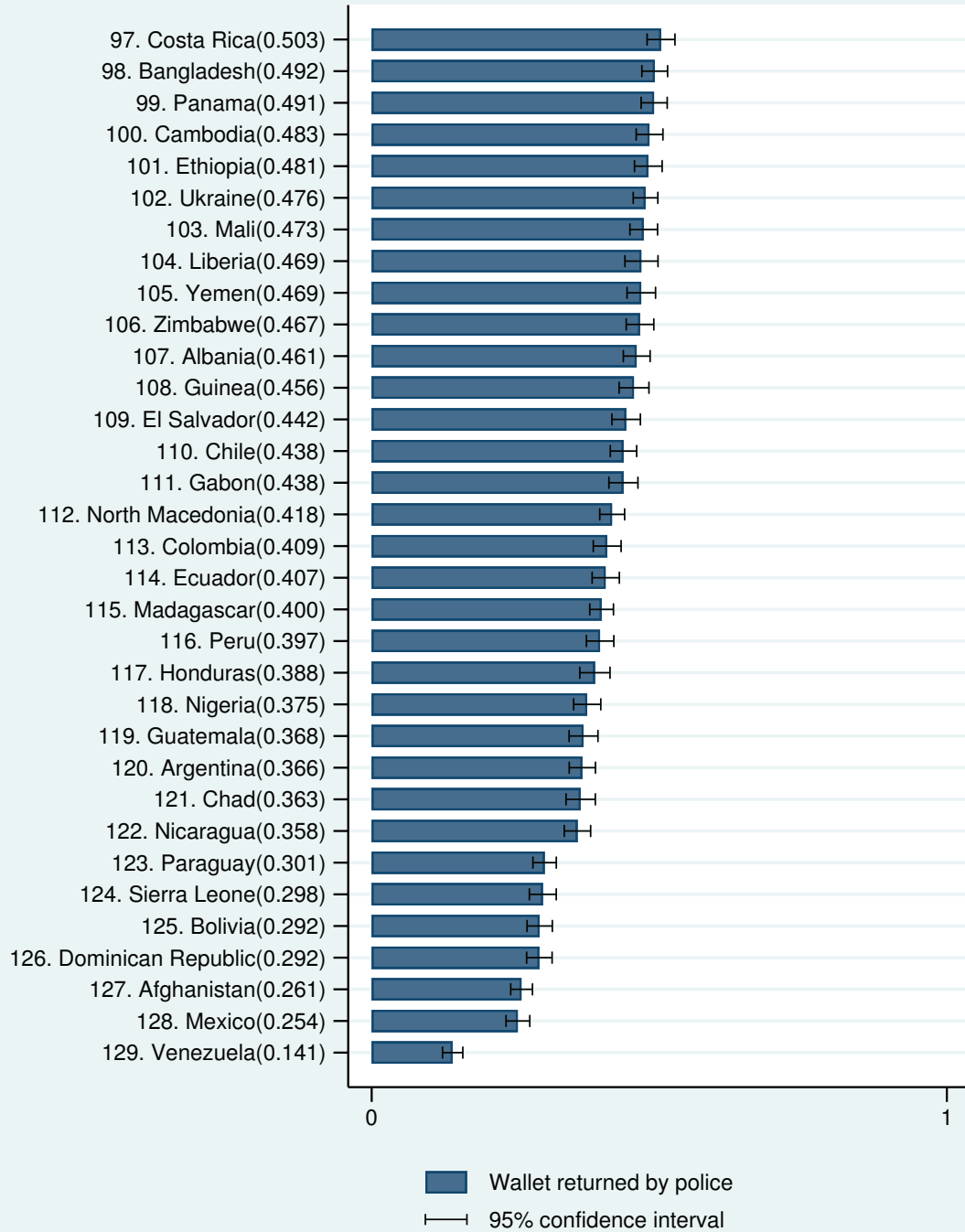


Figure 47: Ranking by Wallet Returned by Police: 2019 (Part 3)





## Ranking of the Six Factors Used to Explain Happiness Scores

The next set of figures are rankings of countries by the six underlying factors used to explain international differences in happiness scores, namely GDP per person, healthy life expectancy, social support, perceived freedom to make life choice, generosity and perception of corruption. The ranking figures do not show imputed data. As we explain when describing our imputation algorithm, we do not use the imputed values in any of our headline results including the happiness rankings. The only place where we use them is when we try to decompose a country's average happiness score into components explained by the six factors. The imputation involves only a small number of countries. Here, we avoid relying on the imputation to generate the rankings. If a country is missing the information about corruption perceptions, for example, they won't show up in the corruption ranking, thus the ranking for corruption will cover a smaller number of countries than the ranking of overall happiness.

Figure 48: Ranking of Natural Log of Per-Capita GDP: 2022-2024; bars show natural logs, dollar values are shown on the Y axis after country names (Part 1)

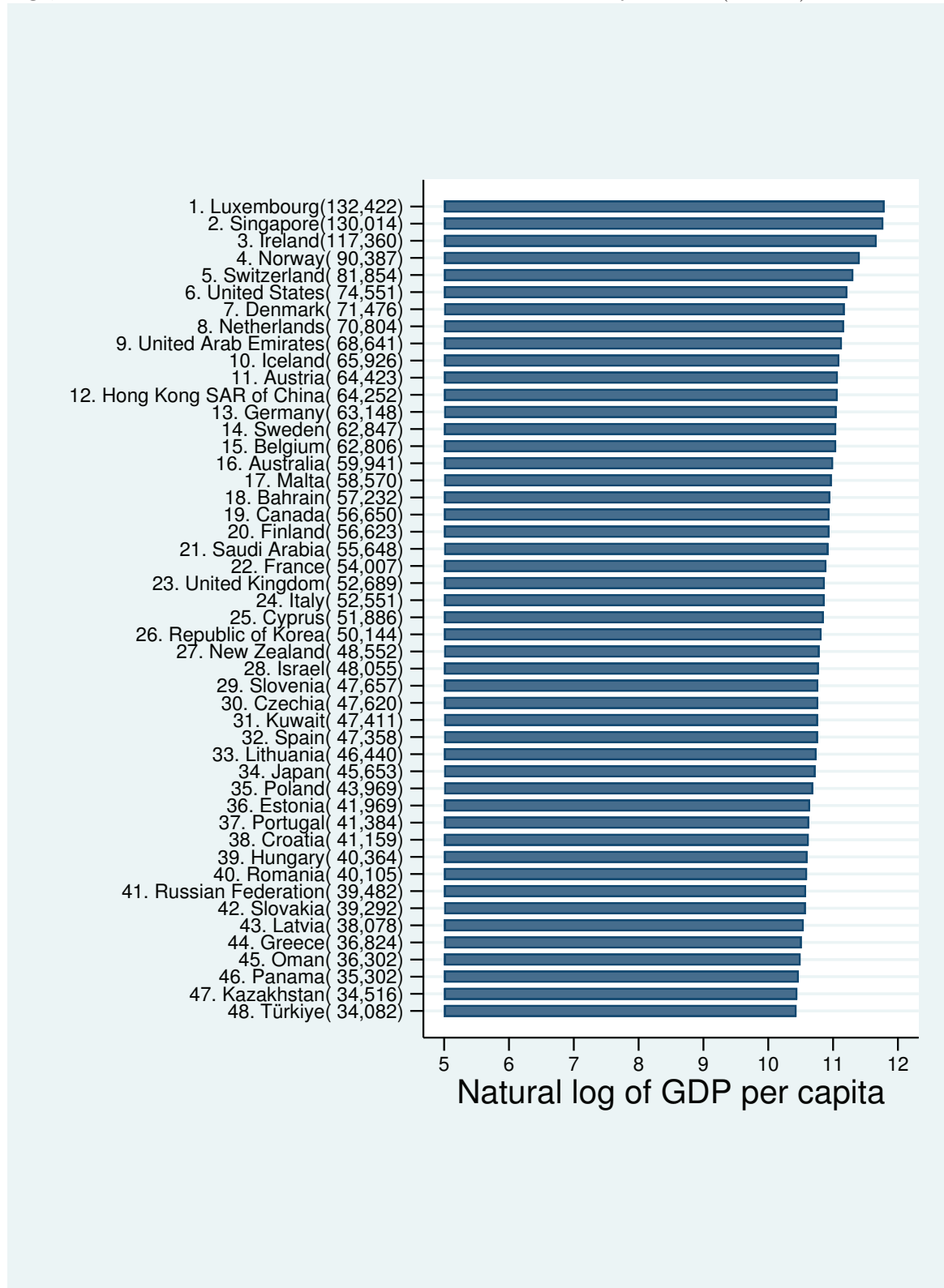


Figure 49: Ranking of Natural Log of Per-Capita GDP: 2022-2024; bars show natural logs, dollar values are shown on the Y axis after country names (Part 2)

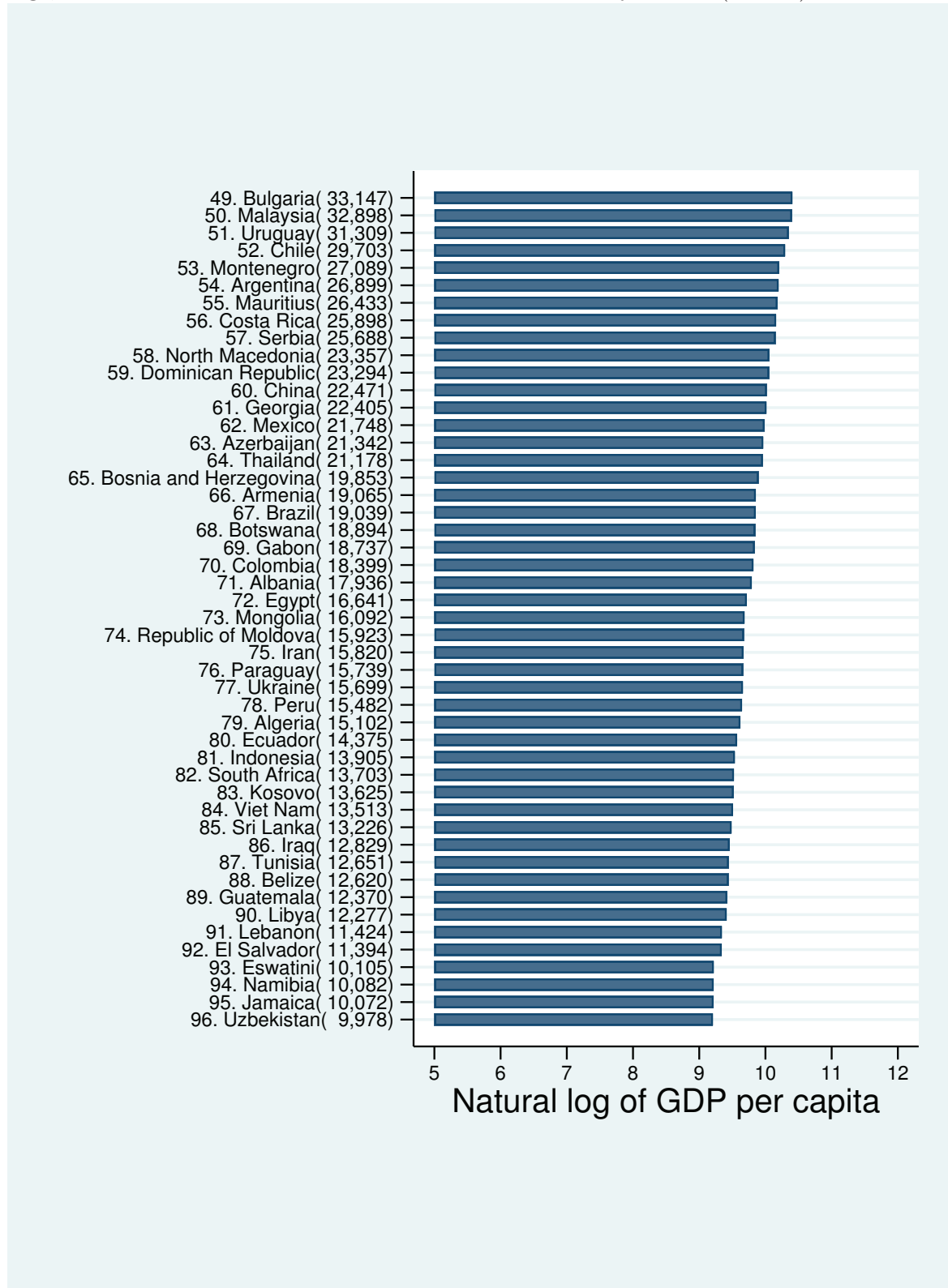


Figure 50: Ranking of Natural Log of Per-Capita GDP: 2022-2024; bars show natural logs, dollar values are shown on the Y axis after country names (Part 3)

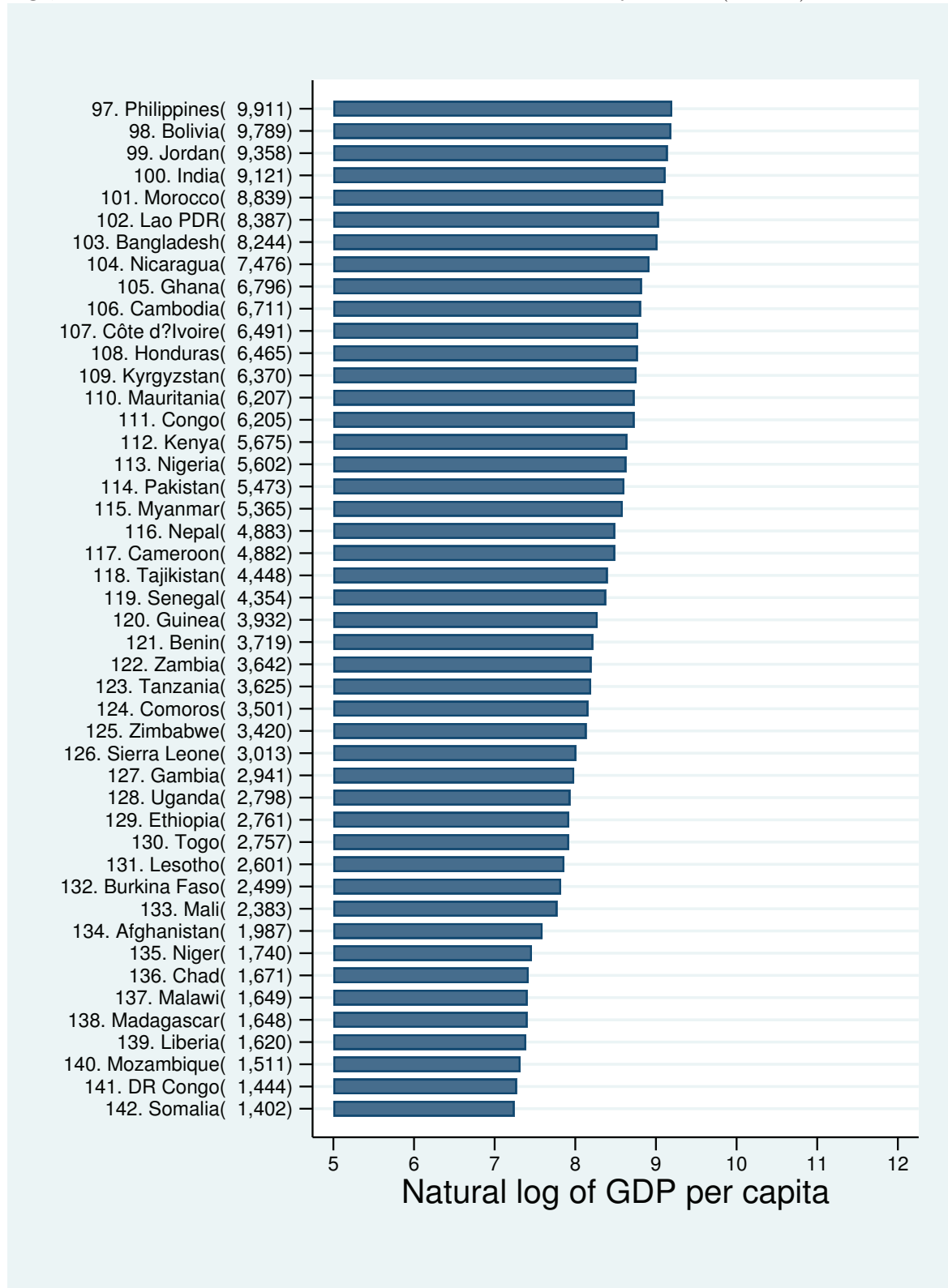


Figure 51: Ranking of Social Support: 2022-2024 (Part 1)

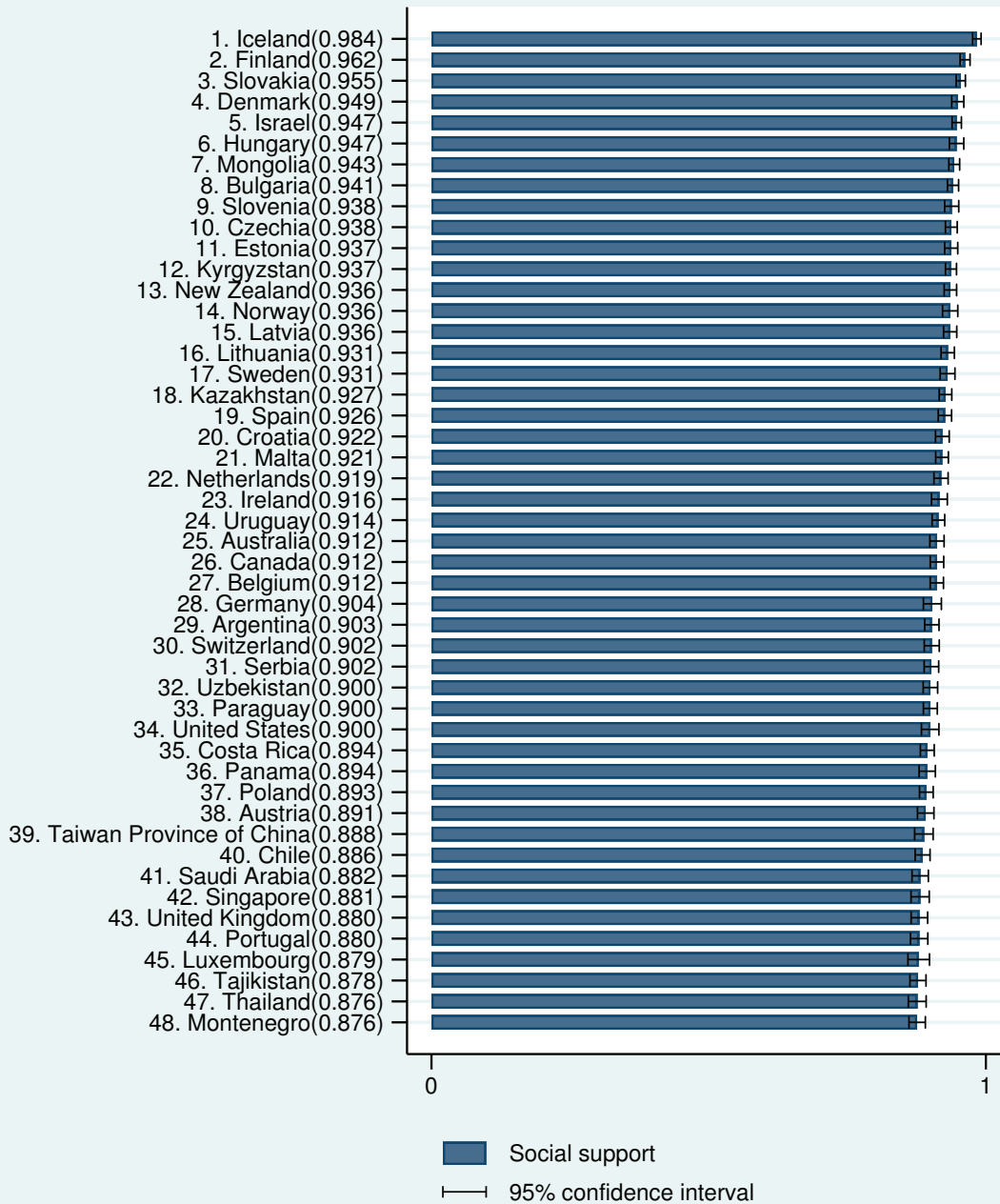


Figure 52: Ranking of Social Support: 2022-2024 (Part 2)

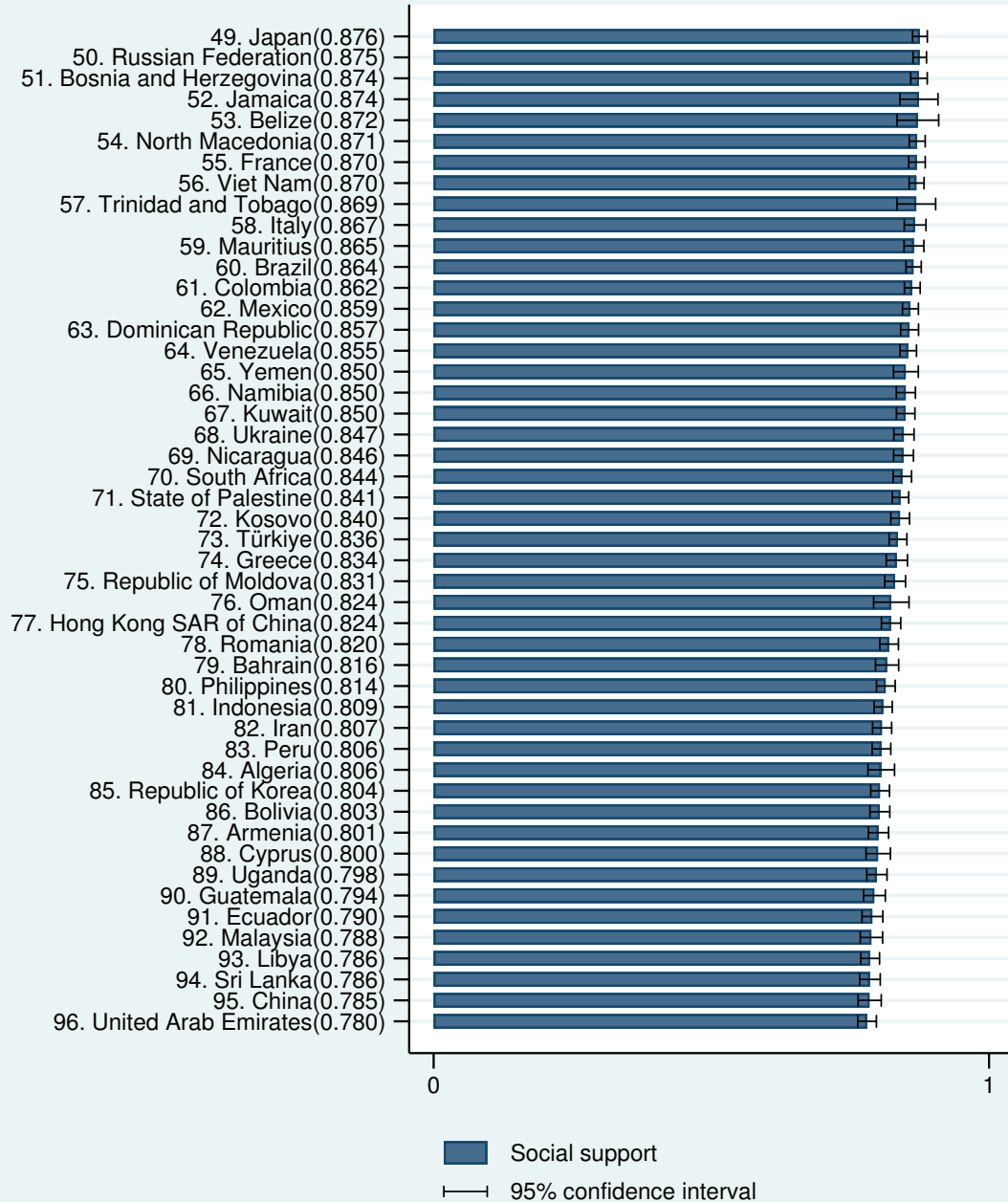


Figure 53: Ranking of Social Support: 2022-2024 (Part 3)

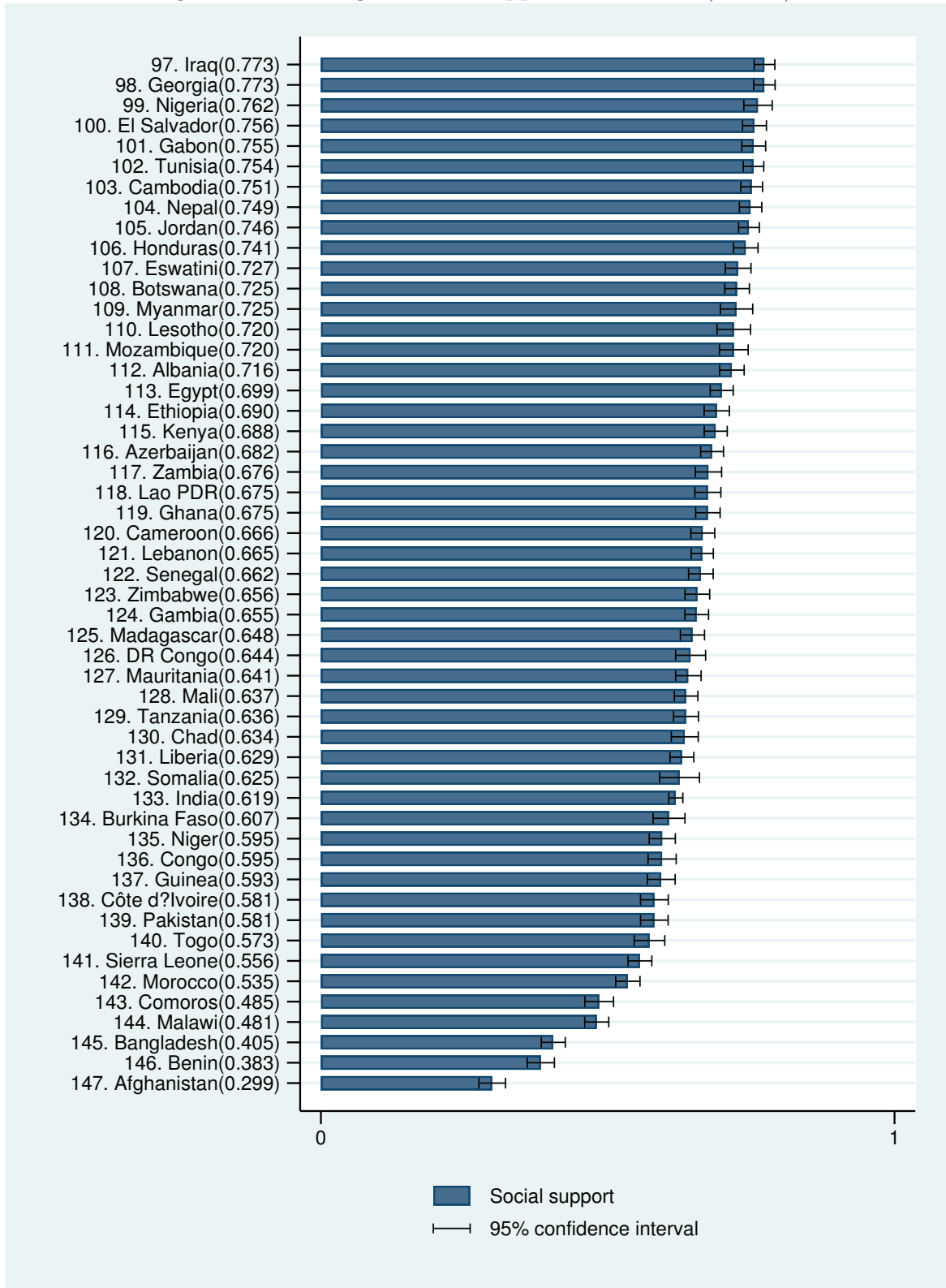


Figure 54: Ranking of Healthy Life Expectancy: 2021 (Part 1)

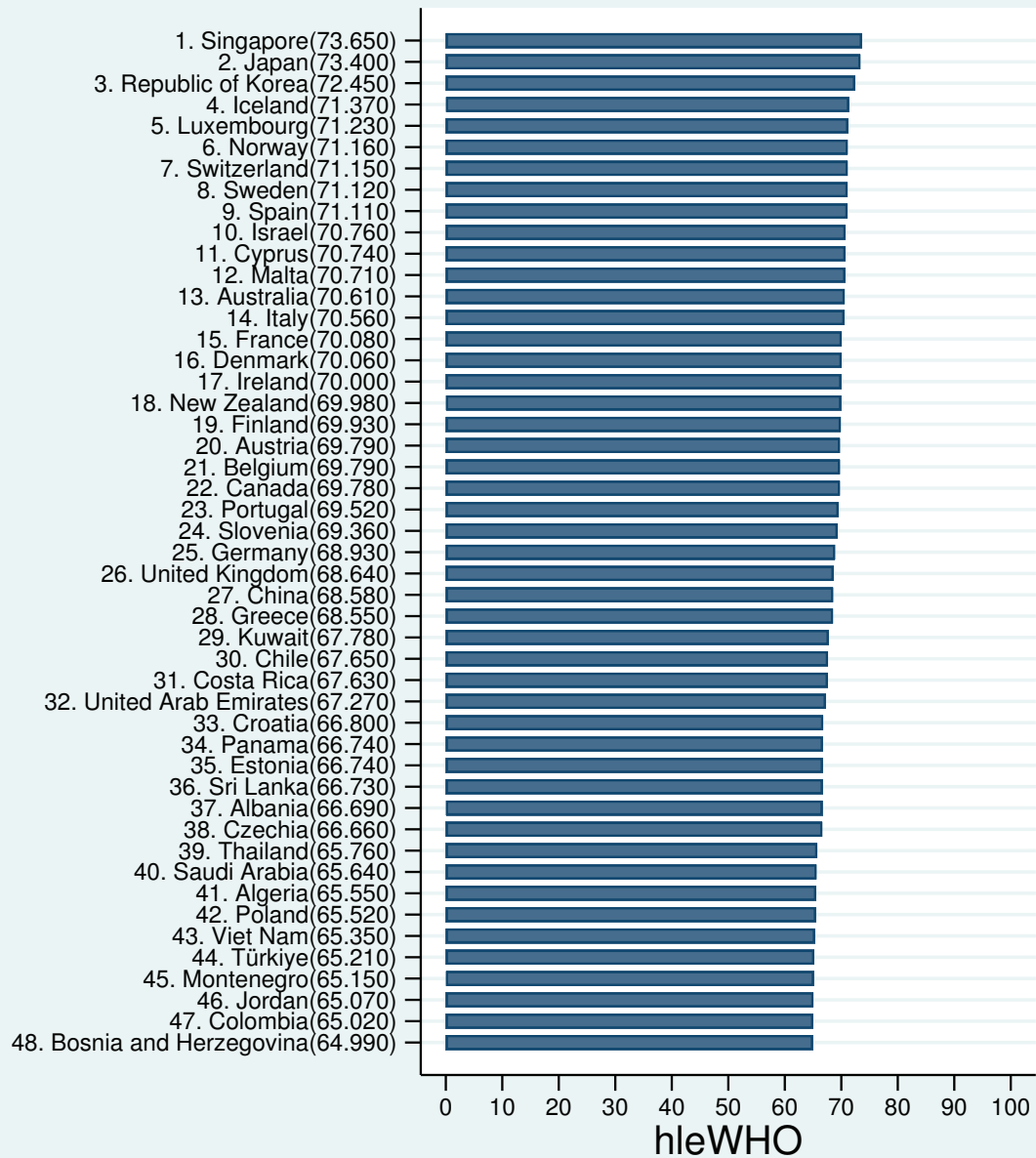




Figure 55: Ranking of Healthy Life Expectancy: 2021 (Part 2)

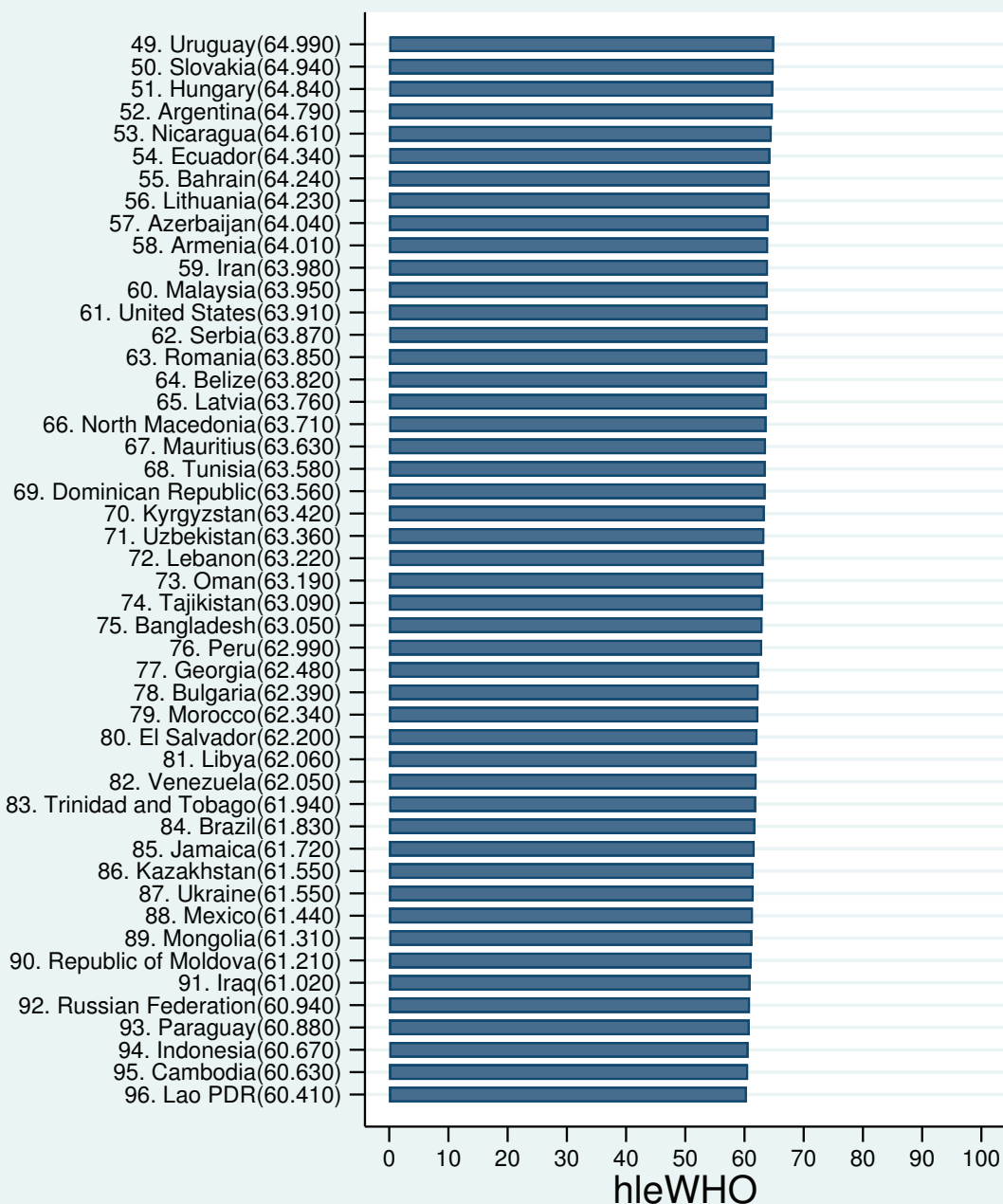


Figure 56: Ranking of Healthy Life Expectancy: 2021 (Part 3)

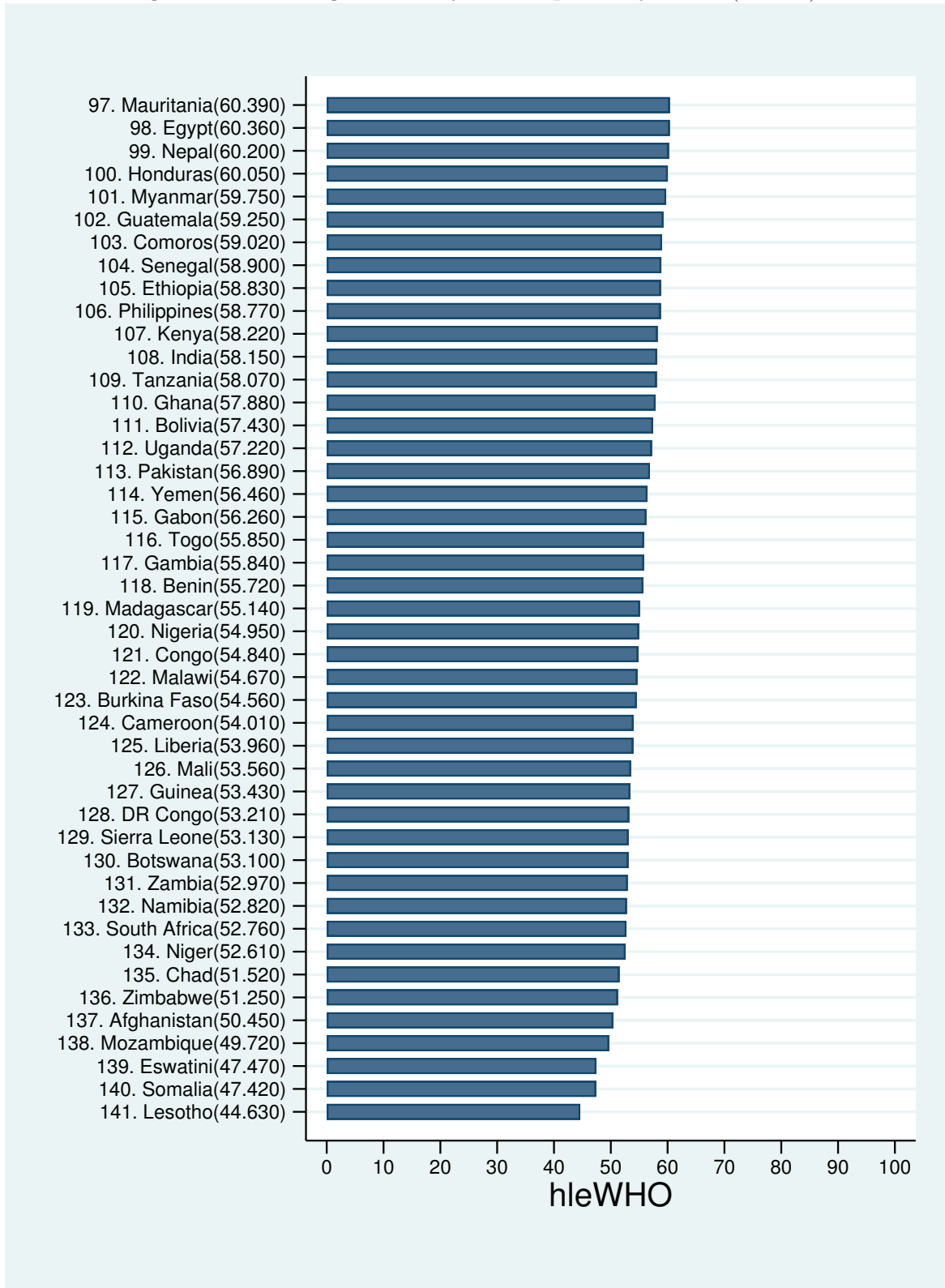


Figure 57: Ranking of Freedom to Make Life Choices: 2022-2024 (Part 1)

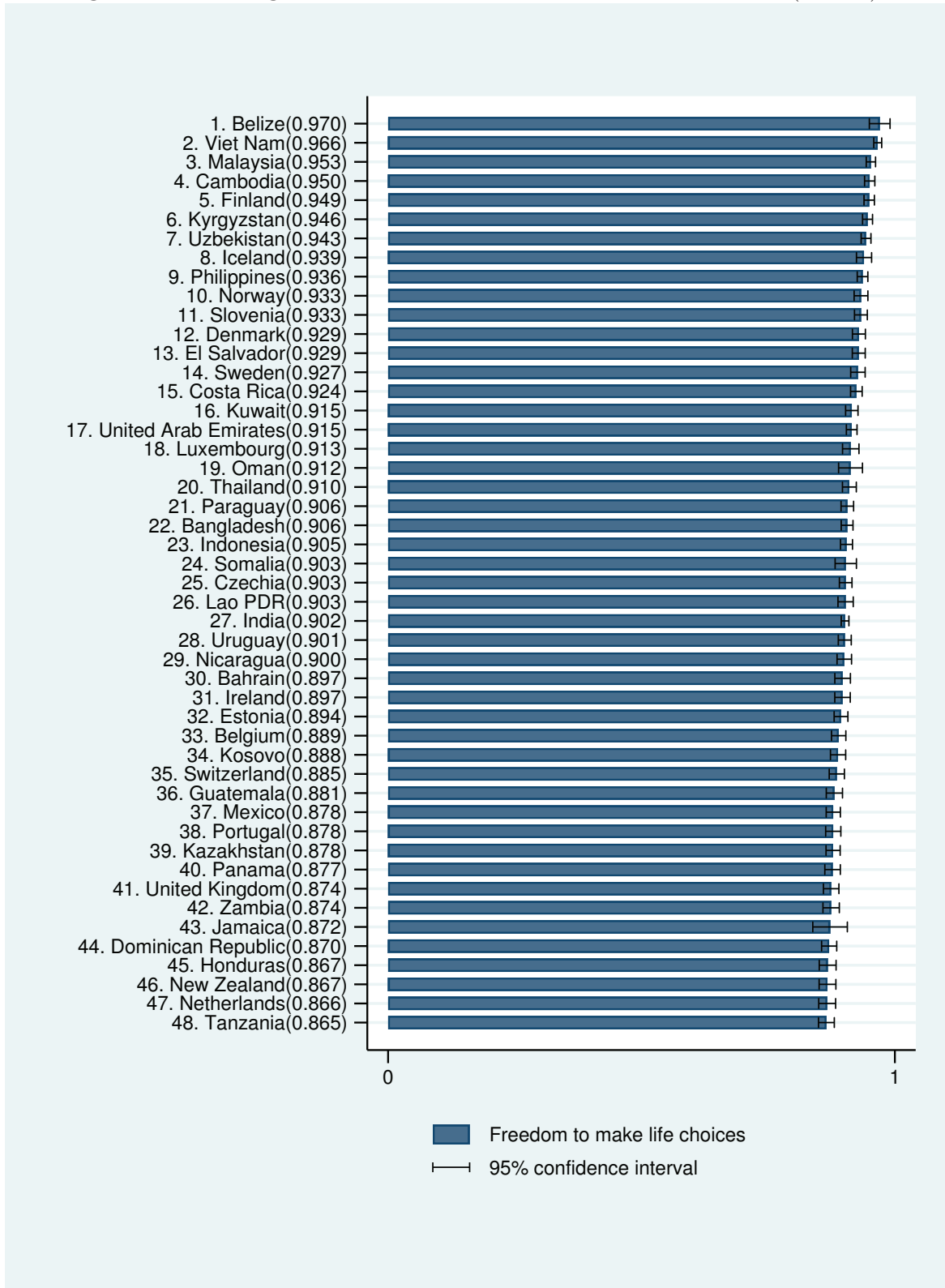


Figure 58: Ranking of Freedom to Make Life Choices: 2022-2024 (Part 2)

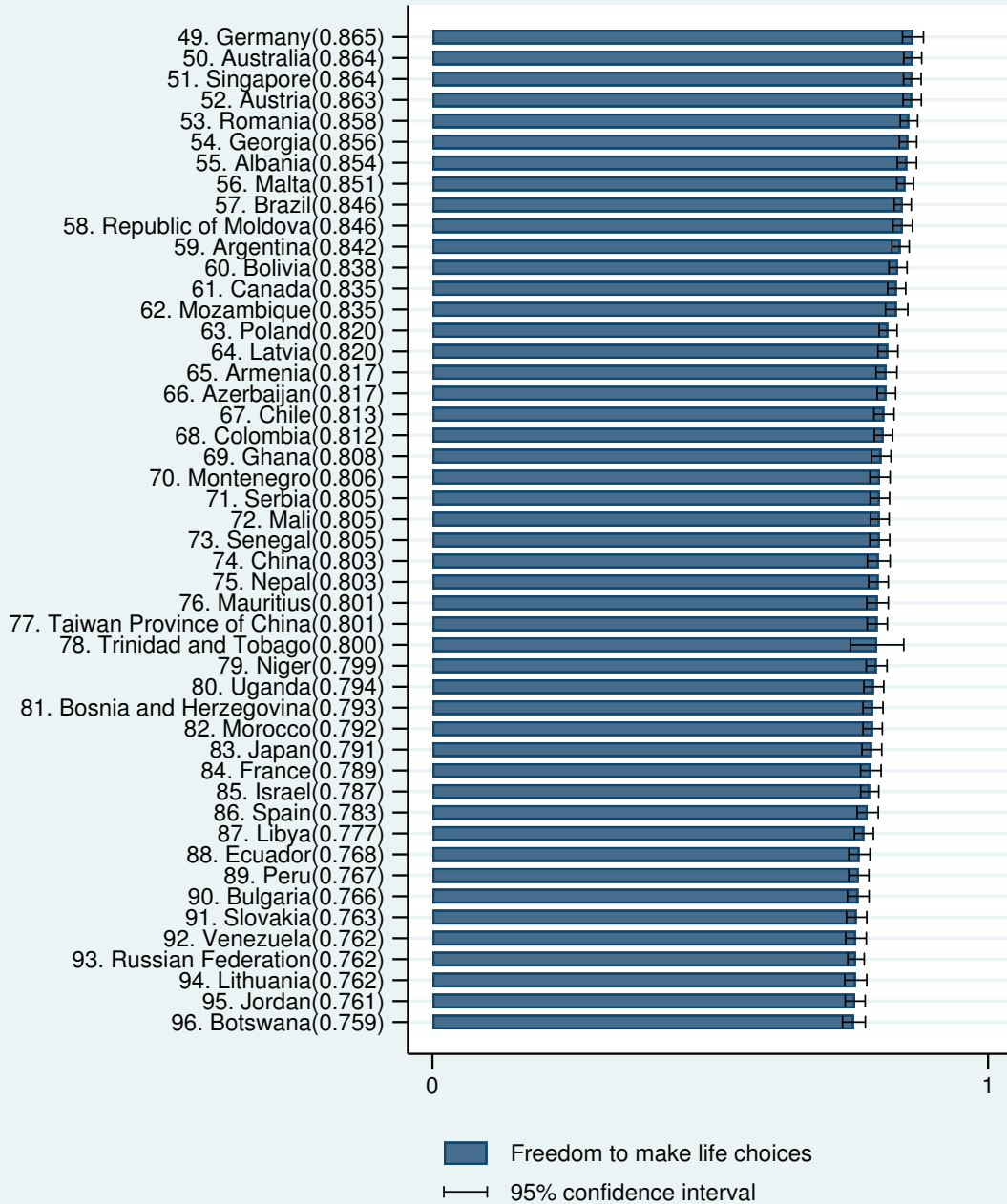


Figure 59: Ranking of Freedom to Make Life Choices: 2022-2024 (Part 3)

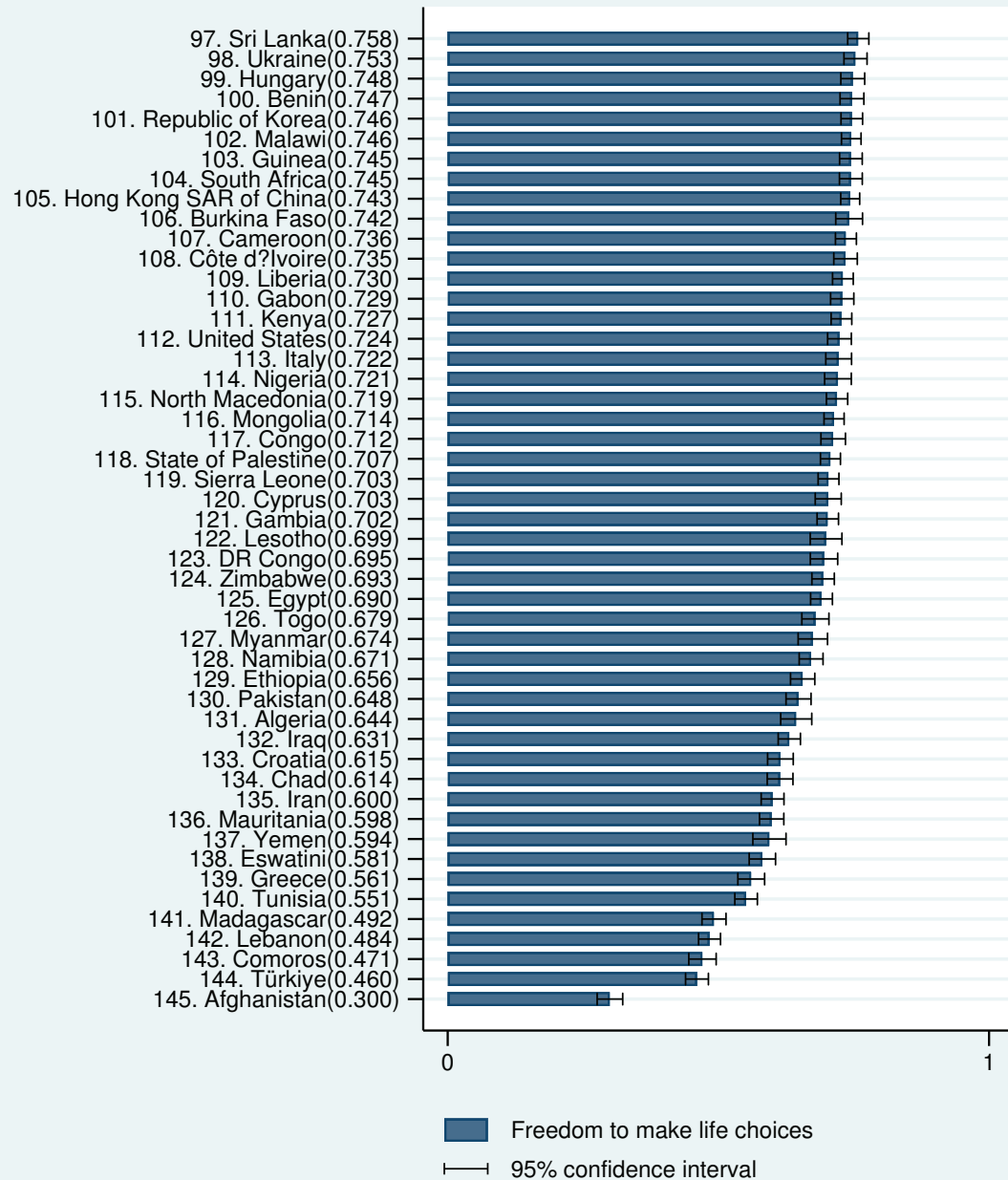


Figure 60: Ranking of Generosity – % Who Donated to Charity in the Past Month – Without Adjusting for Per-Capita Income: 2022-2024 (Part 1)

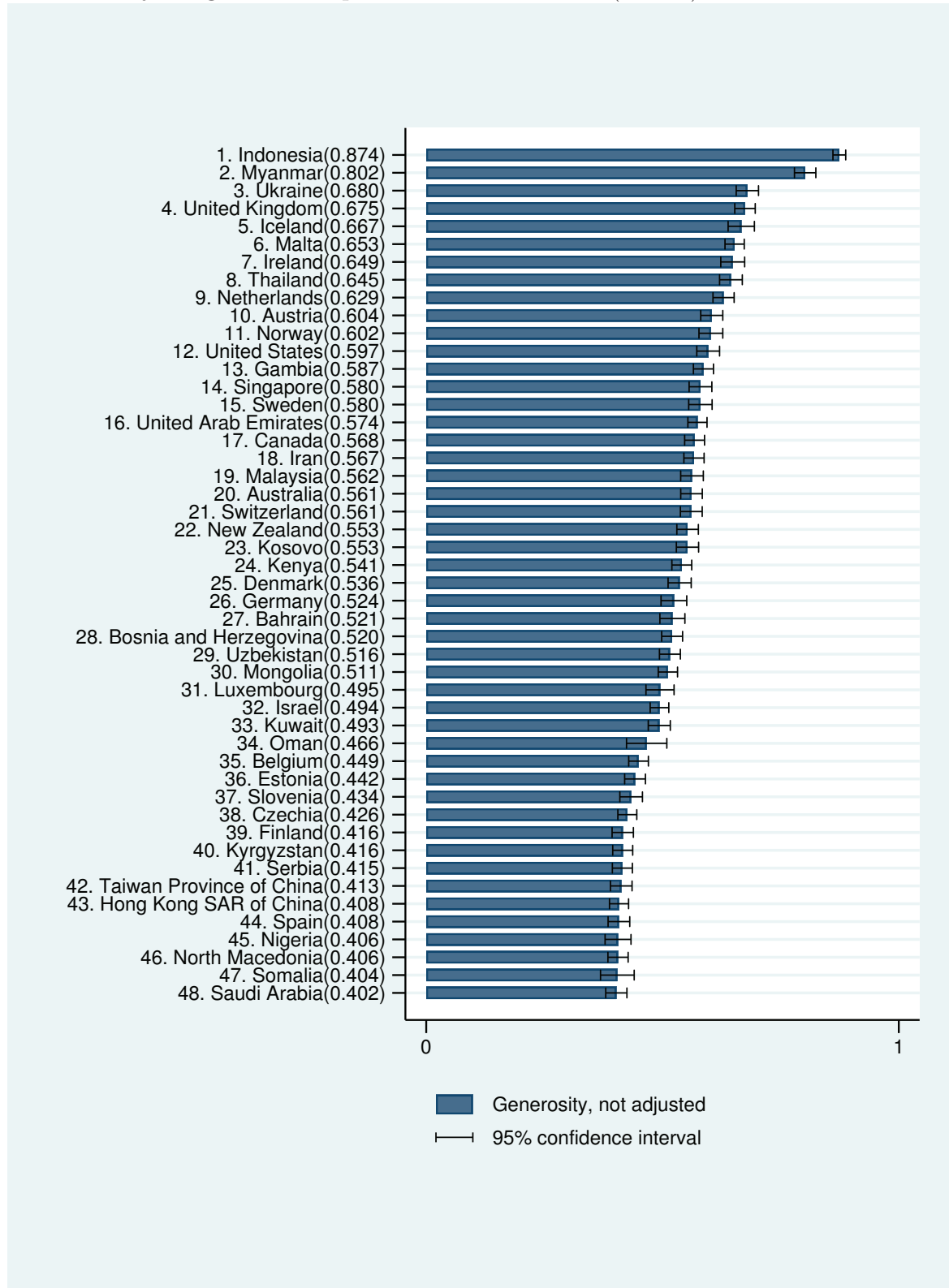


Figure 61: Ranking of Generosity – % Who Donated to Charity in the Past Month – Without Adjusting for Per-Capita Income: 2022-2024 (Part 2)

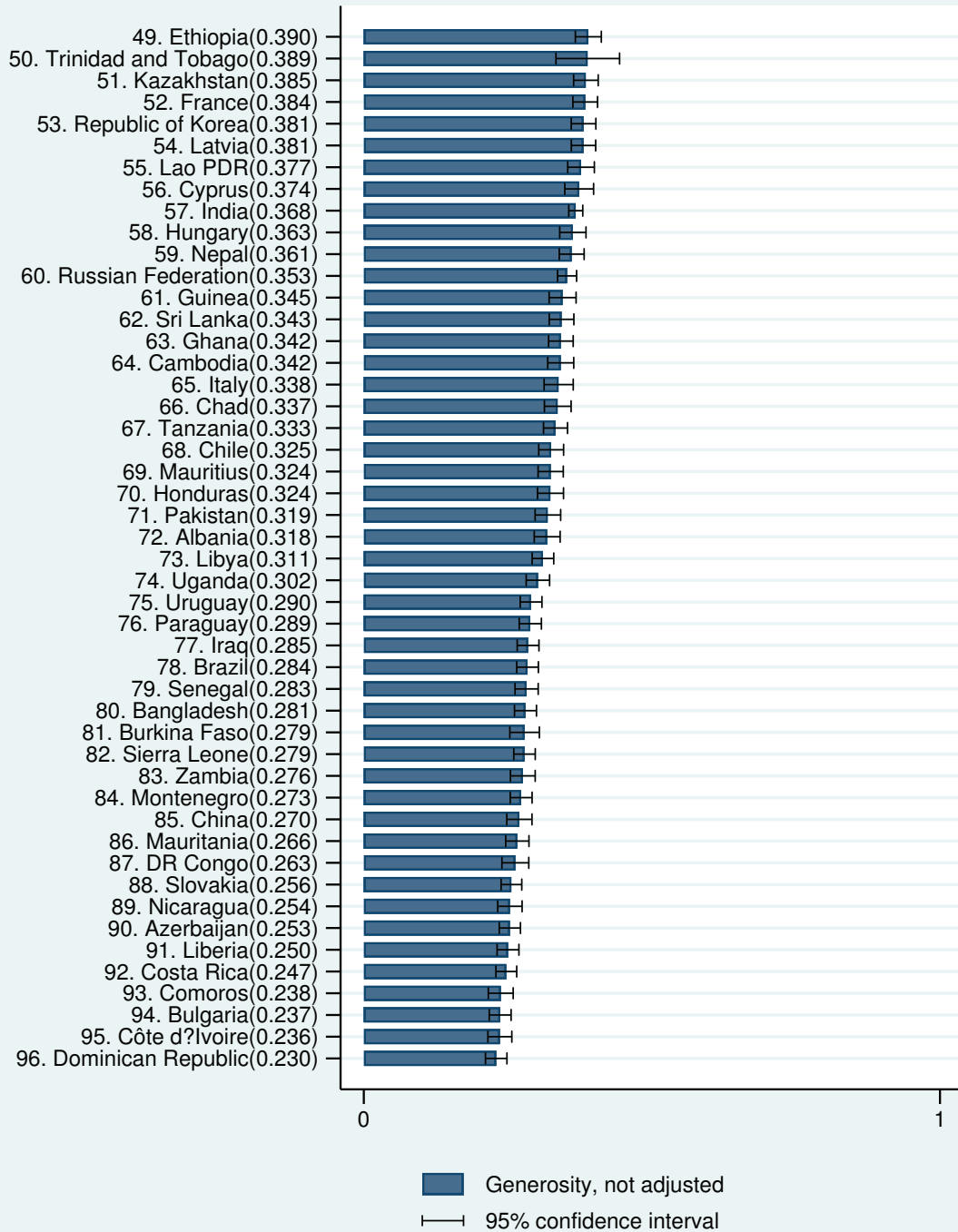


Figure 62: Ranking of Generosity – % Who Donated to Charity in the Past Month – Without Adjusting for Per-Capita Income: 2022-2024 (Part 3)

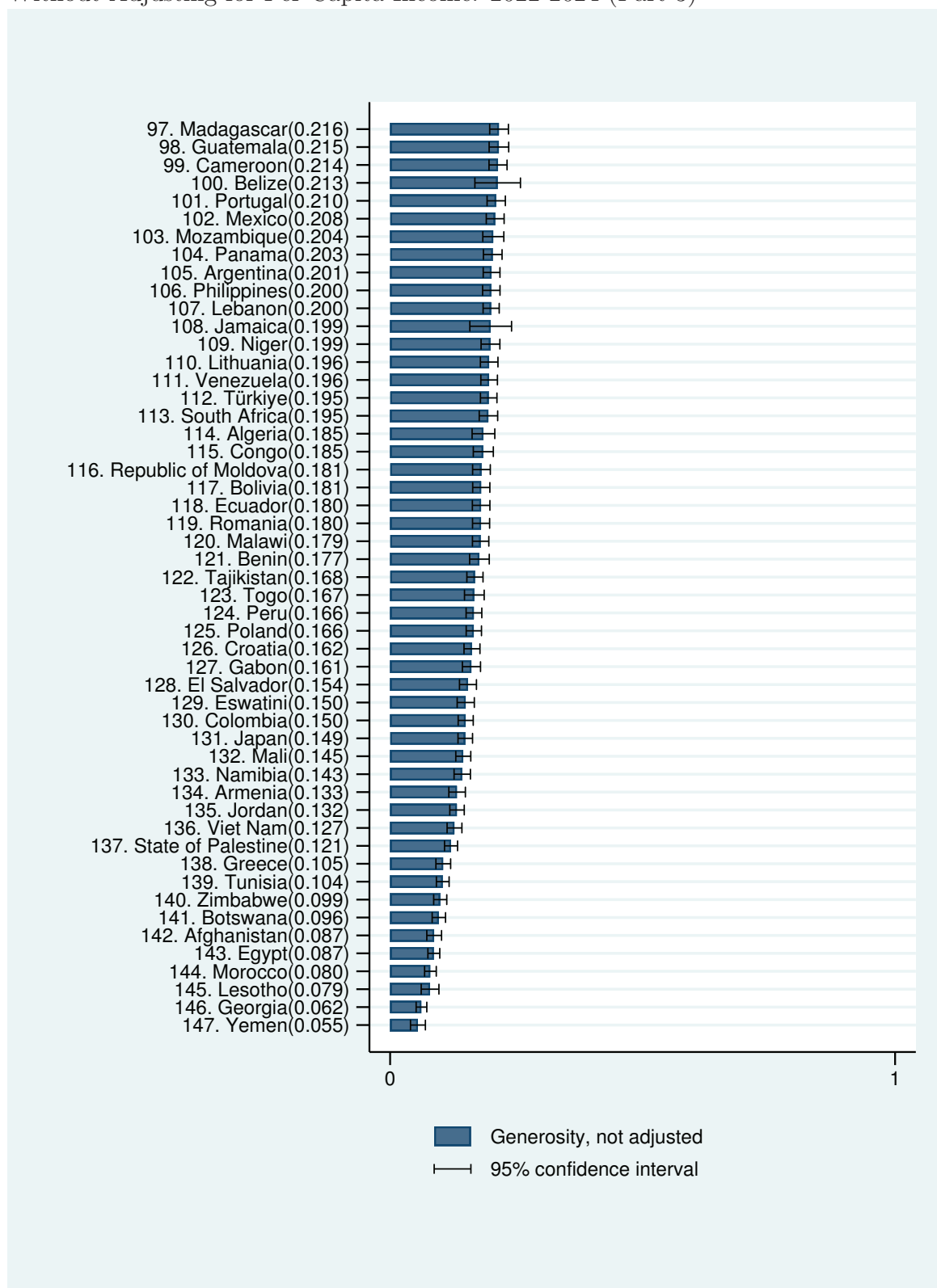




Figure 63: Ranking of Perceptions of Corruption: 2022-2024 (Part 1)

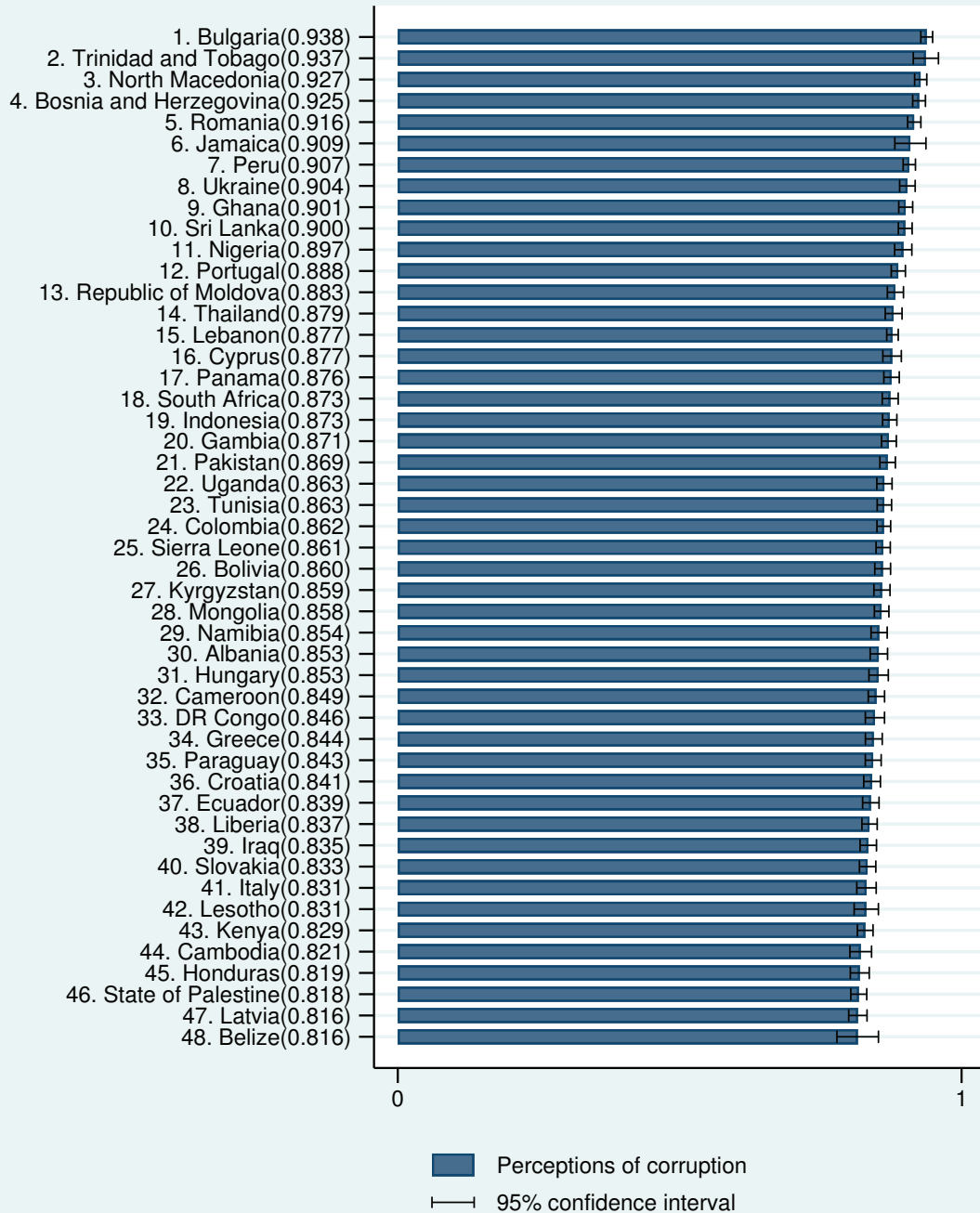


Figure 64: Ranking of Perceptions of Corruption: 2022-2024 (Part 2)

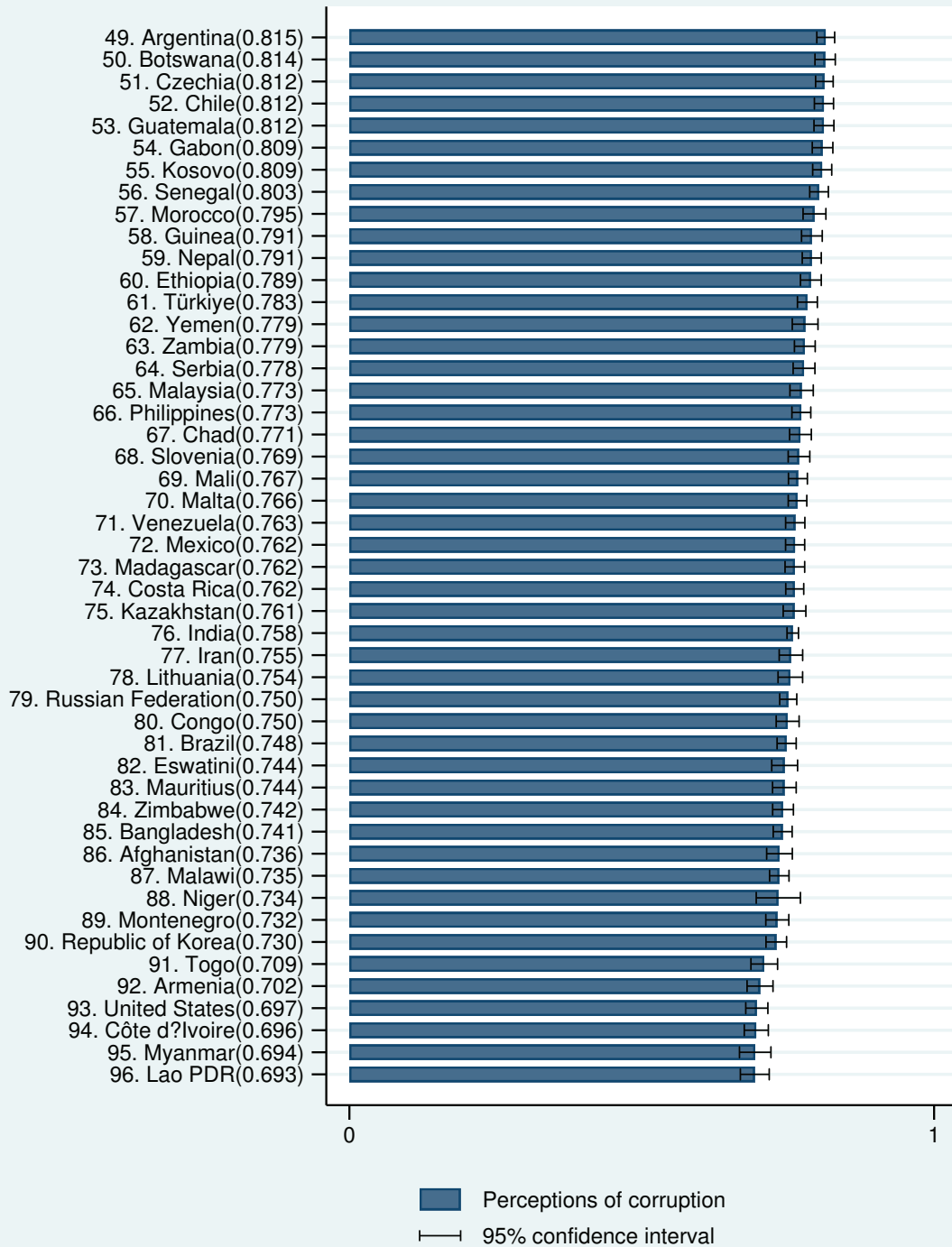


Figure 65: Ranking of Perceptions of Corruption: 2022-2024 (Part 3)

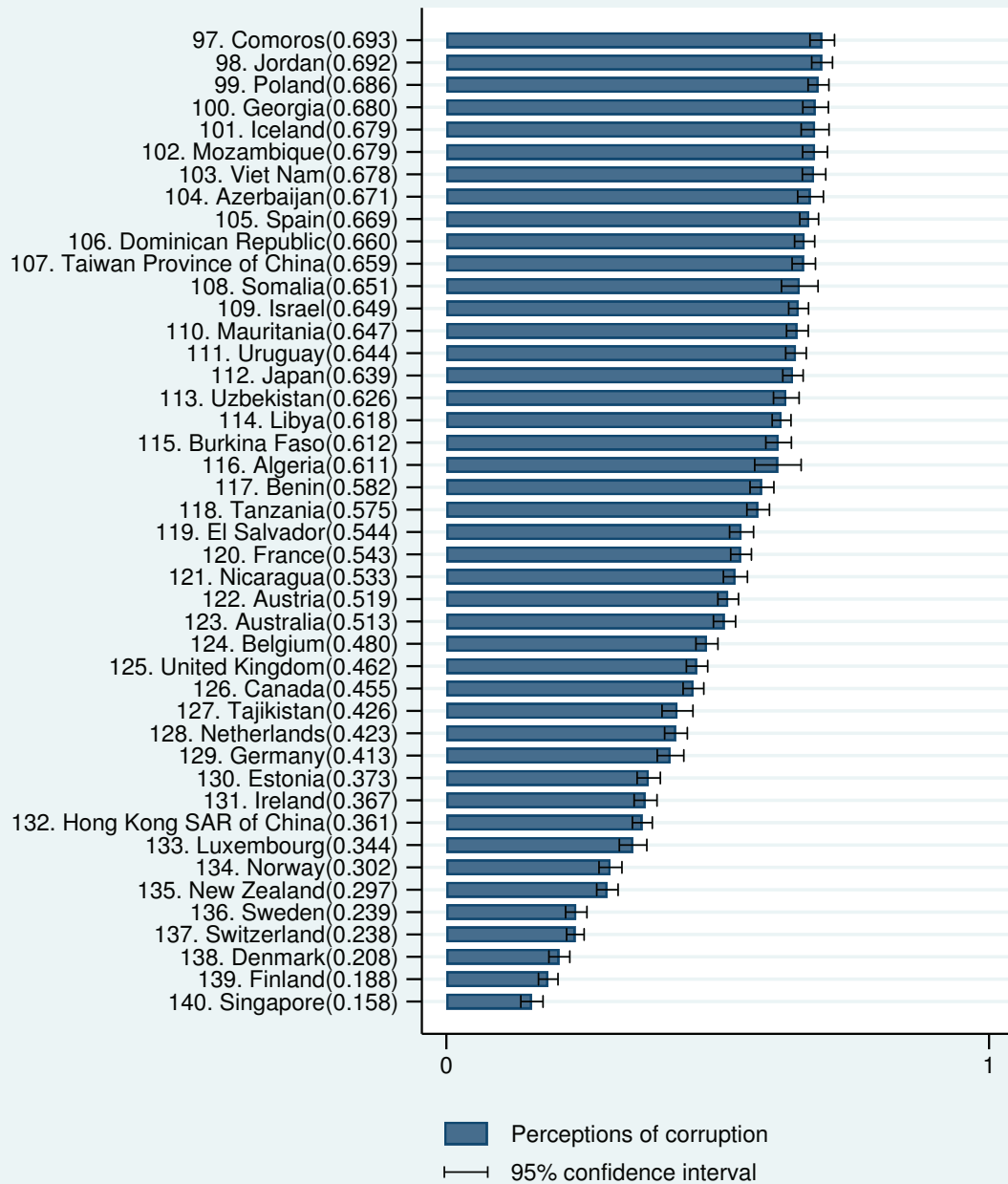


Figure 66: Ranking of Positive Affect: 2022-2024 (Part 1)

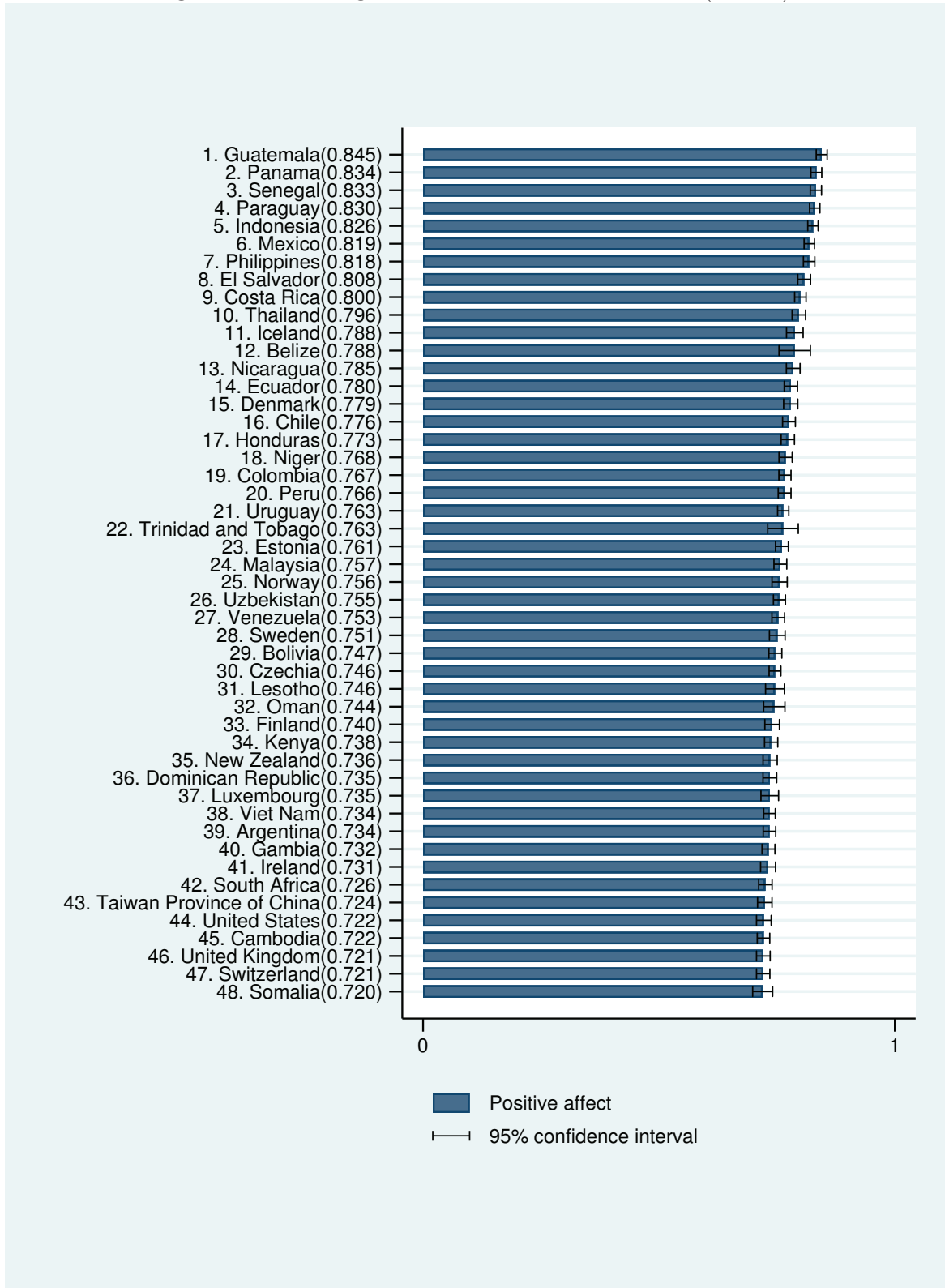


Figure 67: Ranking of Positive Affect: 2022-2024 (Part 2)

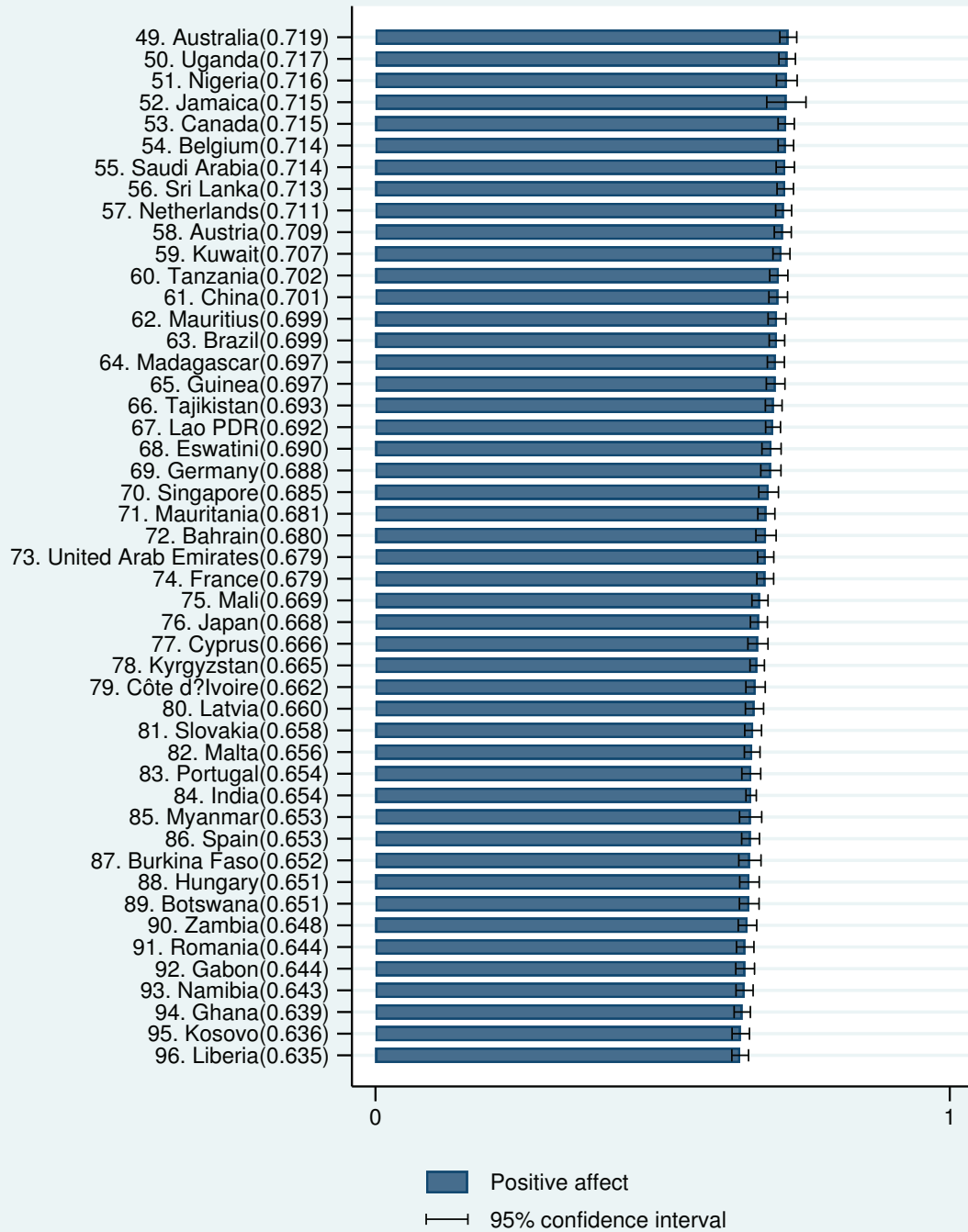


Figure 68: Ranking of Positive Affect: 2022-2024 (Part 3)

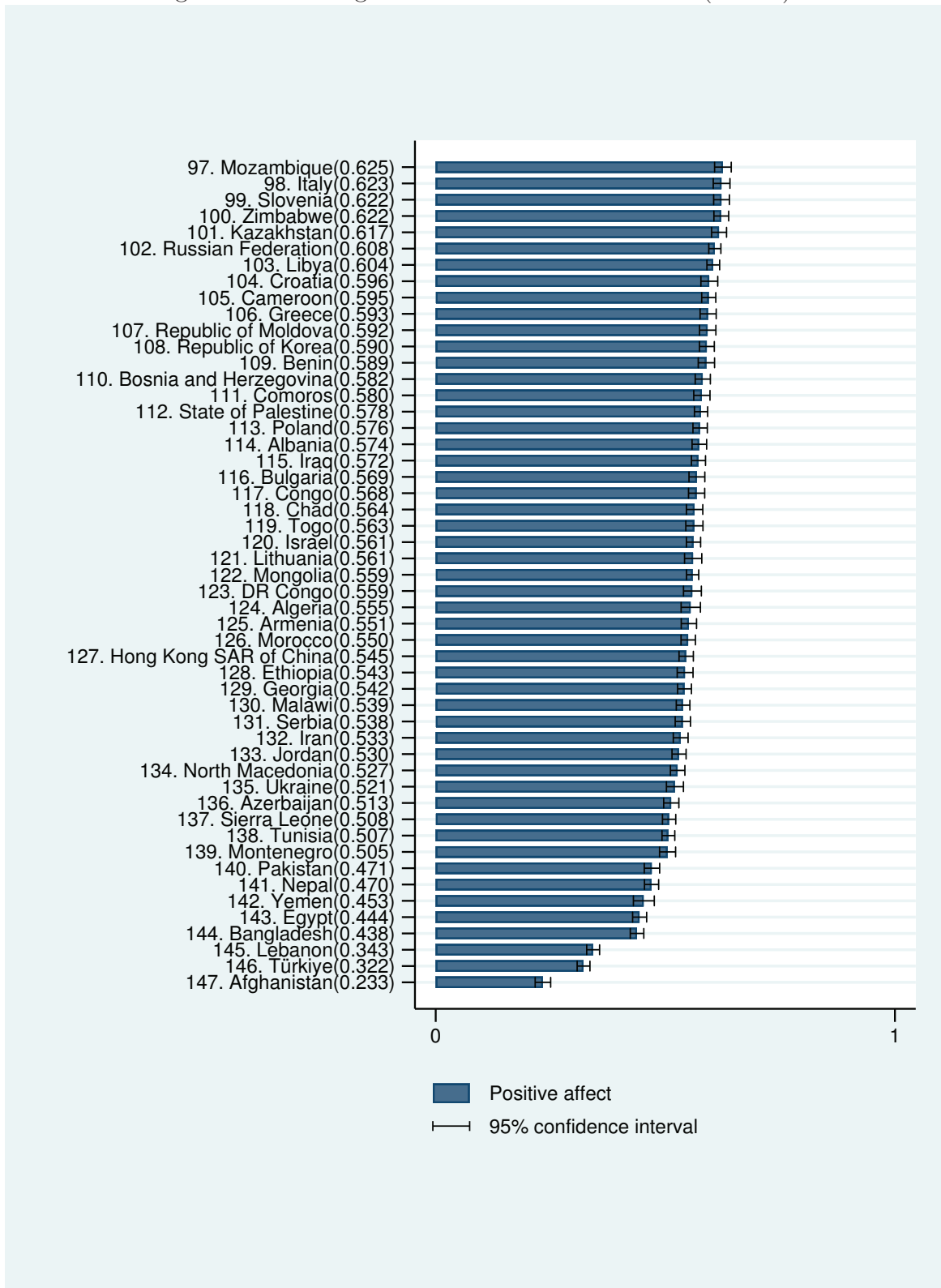


Figure 69: Ranking of Negative Affect: 2022-2024 (Part 1)

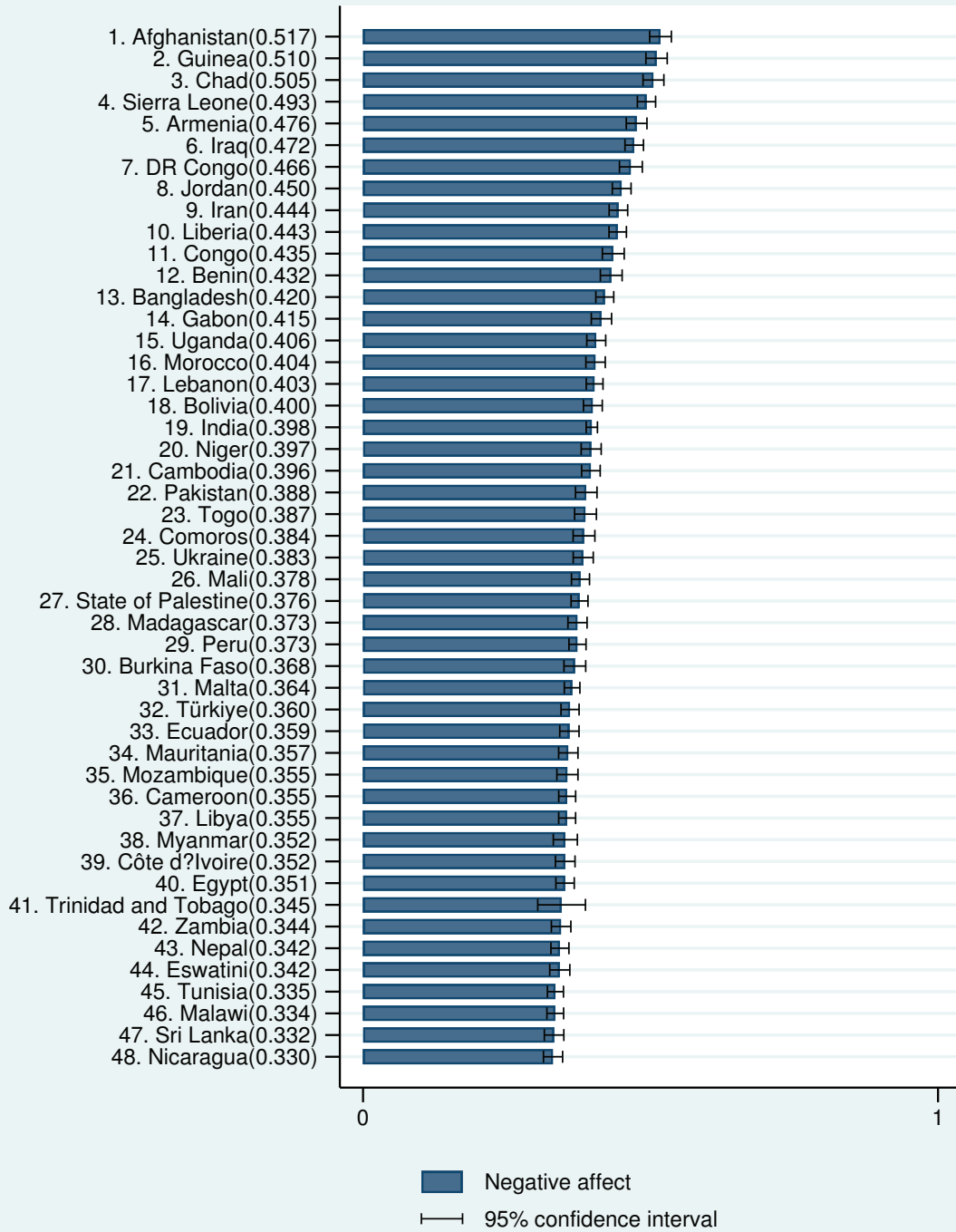


Figure 70: Ranking of Negative Affect: 2022-2024 (Part 2)

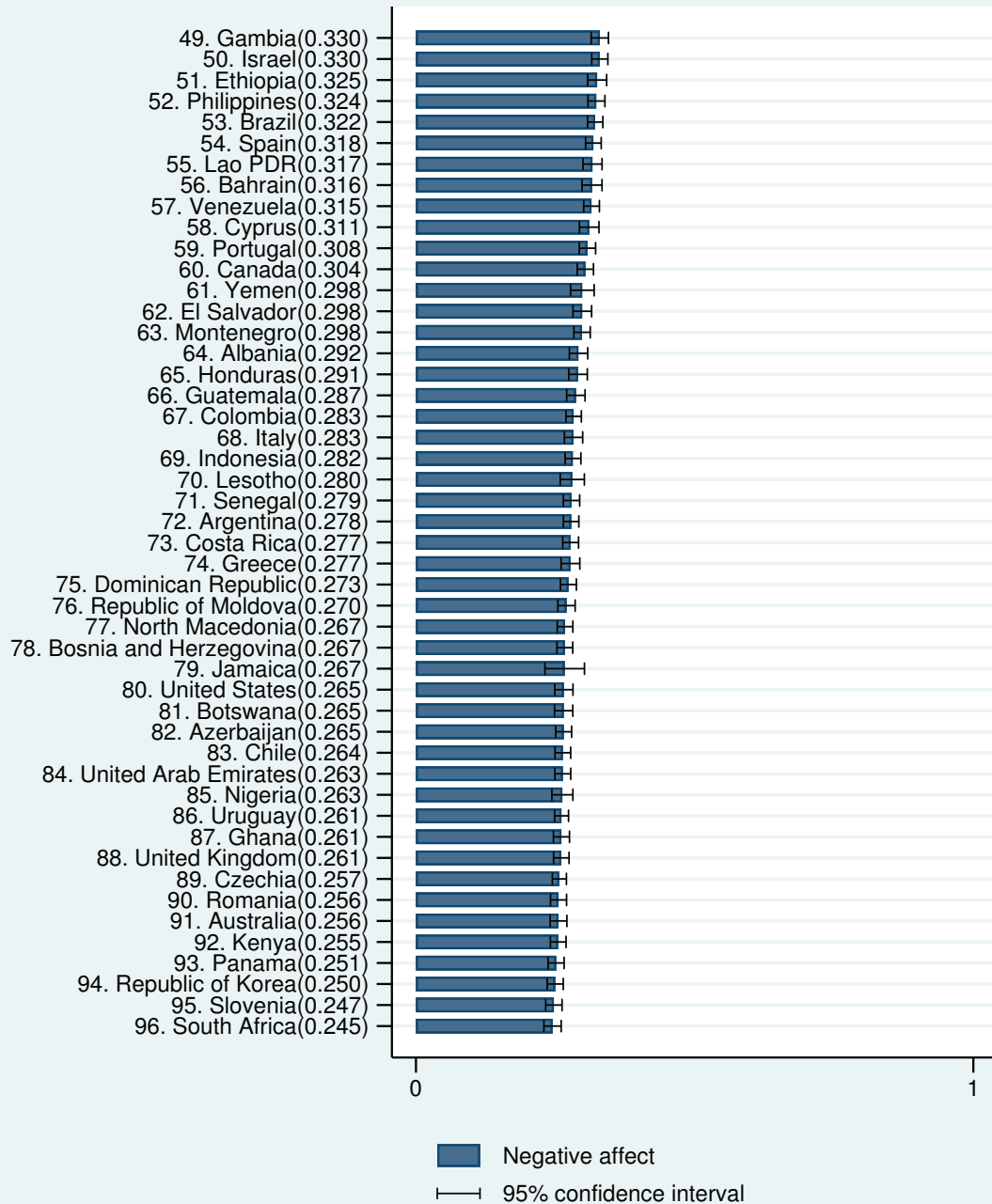




Figure 71: Ranking of Negative Affect: 2022-2024 (Part 3)

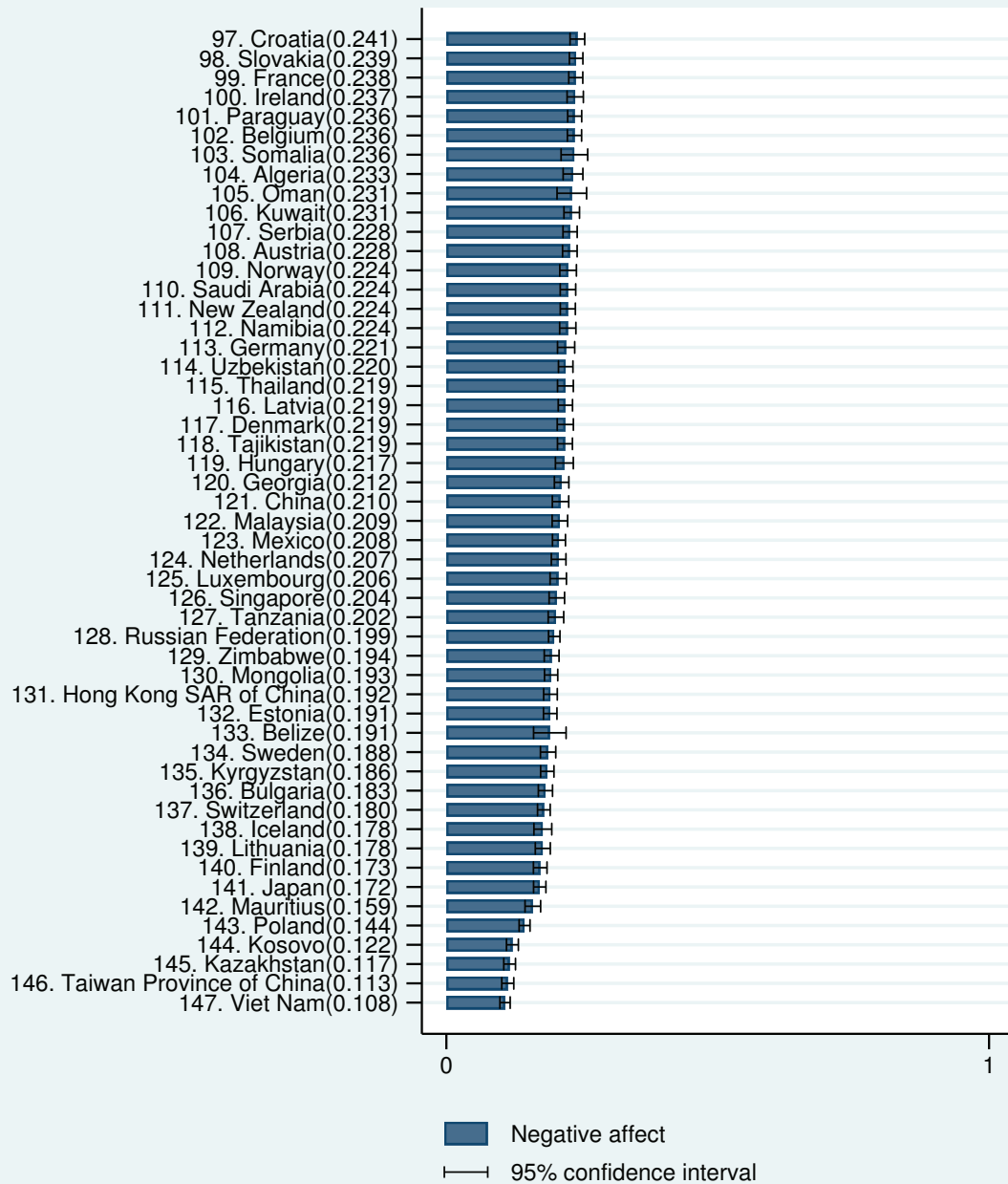


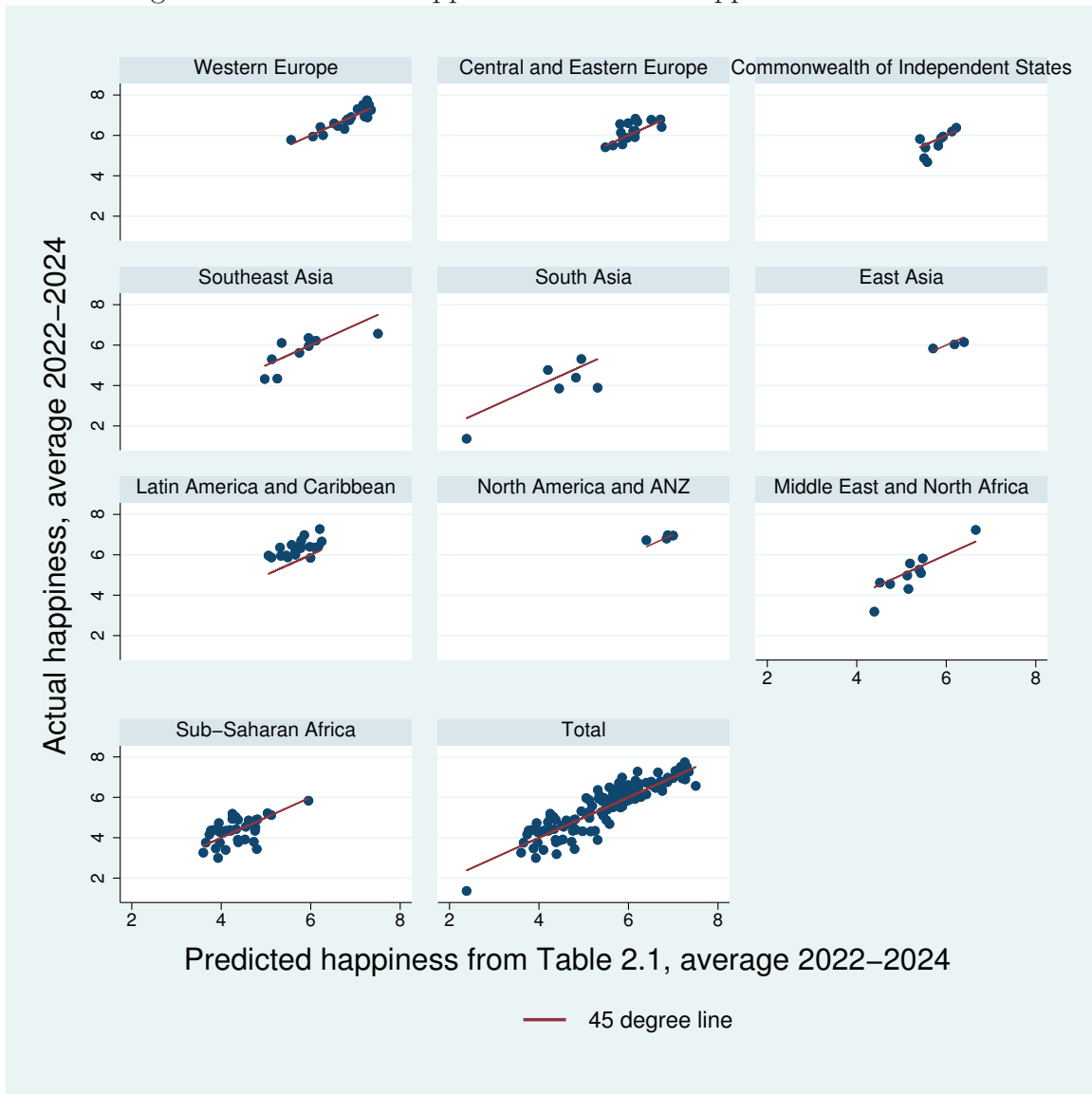
Table 22: Decomposing the happiness difference between a hypothetical average country and Dystopia

	Average country	Dystopia	Explained excess happiness over Dystopia due to	Share of explained excess happiness over Dystopia due to
Happiness	5.58	1.37		
Logged GDP per capita	9.64	5.62	1.32	.31
Social support	.79	.3	1.33	.32
Healthy life expectancy	61.19	43.71	.55	.13
Freedom to make life choices	.79	.3	.75	.18
Generosity	.02	-.28	.11	.03
Perceptions of corruption	.72	.94	.15	.03
Sum of explained excess over Dystopia			4.21	1

Table 23: Decomposing the happiness difference between the group of top 10 countries/territories and the group of bottom 10 countries/territories in the ranking of happiness scores

	Top 10	Bottom 10	Difference in happiness due to	Share of explained difference due to
Happiness	7.33	3.22		
Logged GDP per capita	10.96	8.12	.93	.31
Social support	.93	.61	.85	.28
Healthy life expectancy	69.17	51.81	.55	.18
Freedom to make life choices	.9	.61	.44	.14
Generosity	.08	-.05	.05	.02
Perceptions of corruption	.46	.79	.22	.07
Total explained difference in happiness			3.05	1
Total difference in happiness			4.11	

Figure 72: Predicted happiness and actual happiness in 2022-2024



Note: These average actual (predicted) happiness scores by country/territory for the 2022-2024 period are weighted averages of the yearly averages by country/territory used in (predicted by) column (1)'s regression in Table 8. The yearly weights are the sums of Gallup-assigned individual weights by country/territory in that year.