

RIETI BBL Seminar Handout

November 17, 2015

Speaker: Mr. Bruce STOKES

<http://www.rieti.go.jp/jp/index.html>

PewResearchCenter

Global Concern about Climate Change Wide Support for Limiting Emissions

Partisan National Divisions May Mean Challenges Ahead

Bruce Stokes

Director, Global Economic Attitudes

Japan, November 2015

Pew Research Center

- **Established 1996**
- **Funded by the Pew Charitable Trusts**
- **Non-profit, non-partisan fact tank in Washington**
- **Survey topics: U.S. domestic politics and economic conditions, values, U.S. image abroad, global views toward major powers, terrorism, democracy, country conditions, aging, economy**
- **Since 2002, we have surveyed in 85 countries, including 40 nations in 2015**
- **www.pewresearch.org**

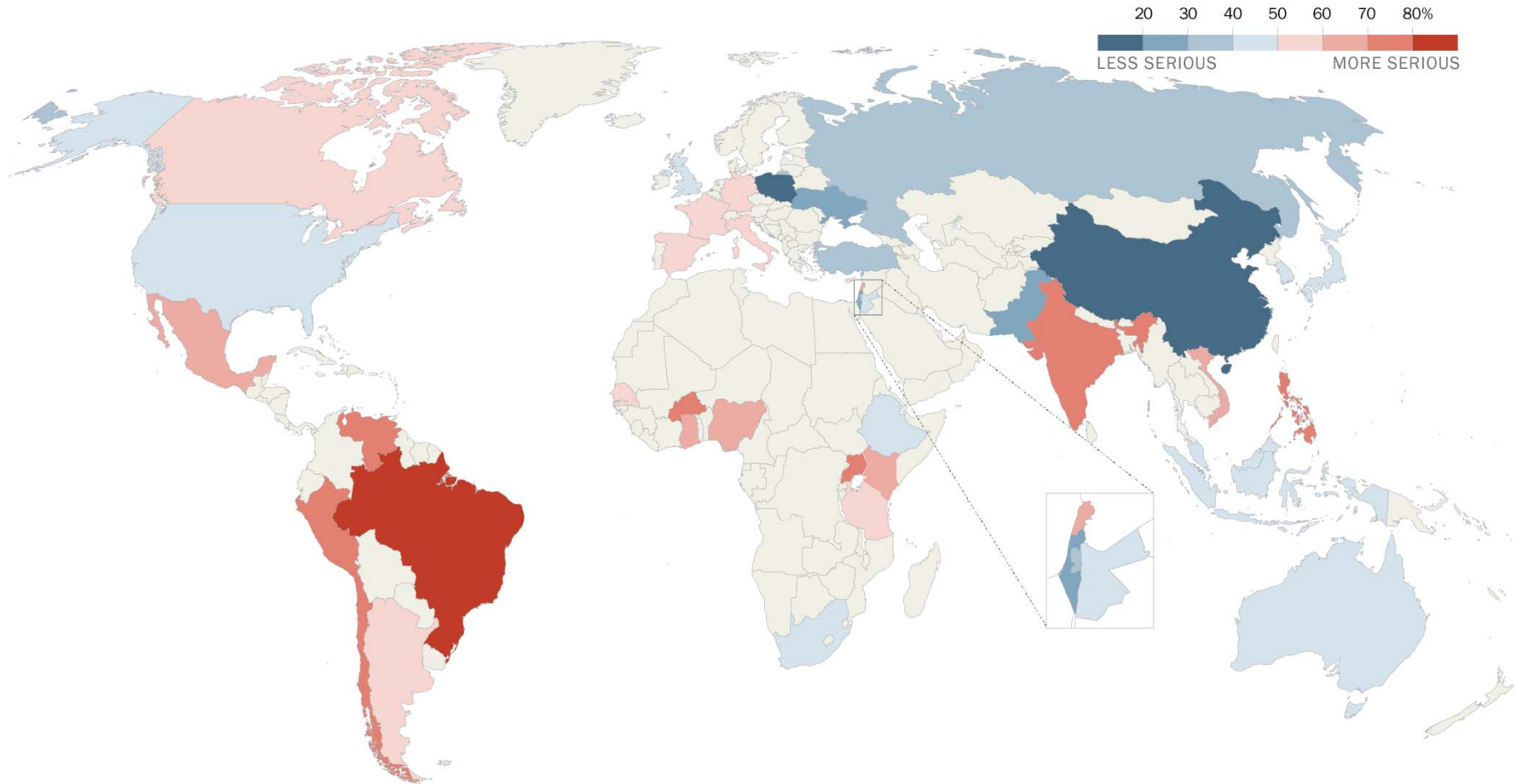
Methodology

- **Surveys conducted across 40 countries from March 25 to May 27, 2015, totaling 45,435 respondents**
- **Based on nationally representative telephone and face-to-face interviews with adults 18 and older conducted under the direction of Princeton Survey Research Associates International**
- **The margin of sampling error for the complete set of weighted data is $\pm 2.8\%$ - $\pm 4.3\%$**

KEY TAKEAWAYS

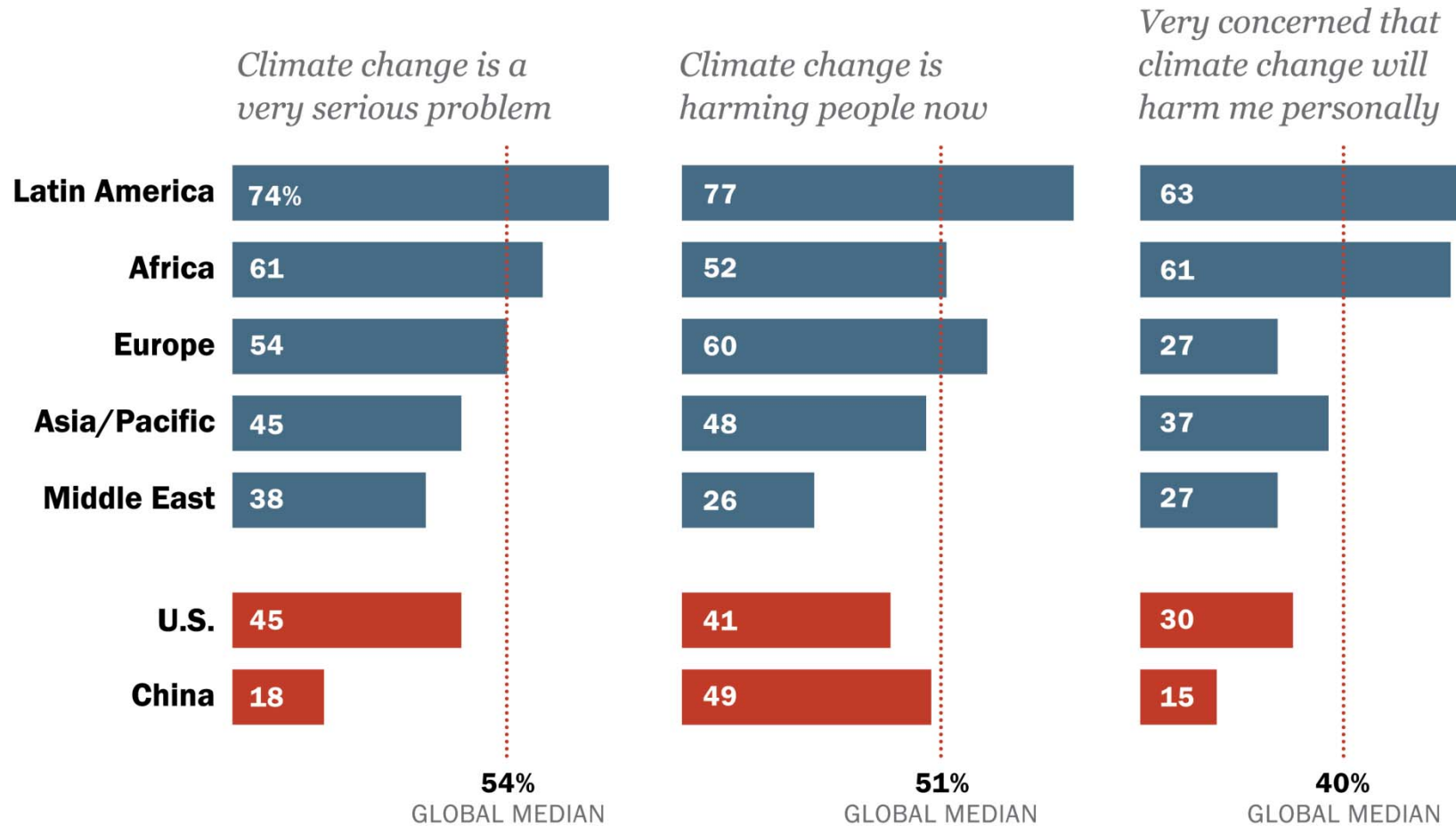
Brazilians Most Concerned about Climate Change, Chinese Least Worried

Global climate change is a very serious problem



Latin Americans, Sub-Saharan Africans More Troubled by Climate Change than People in Other Regions

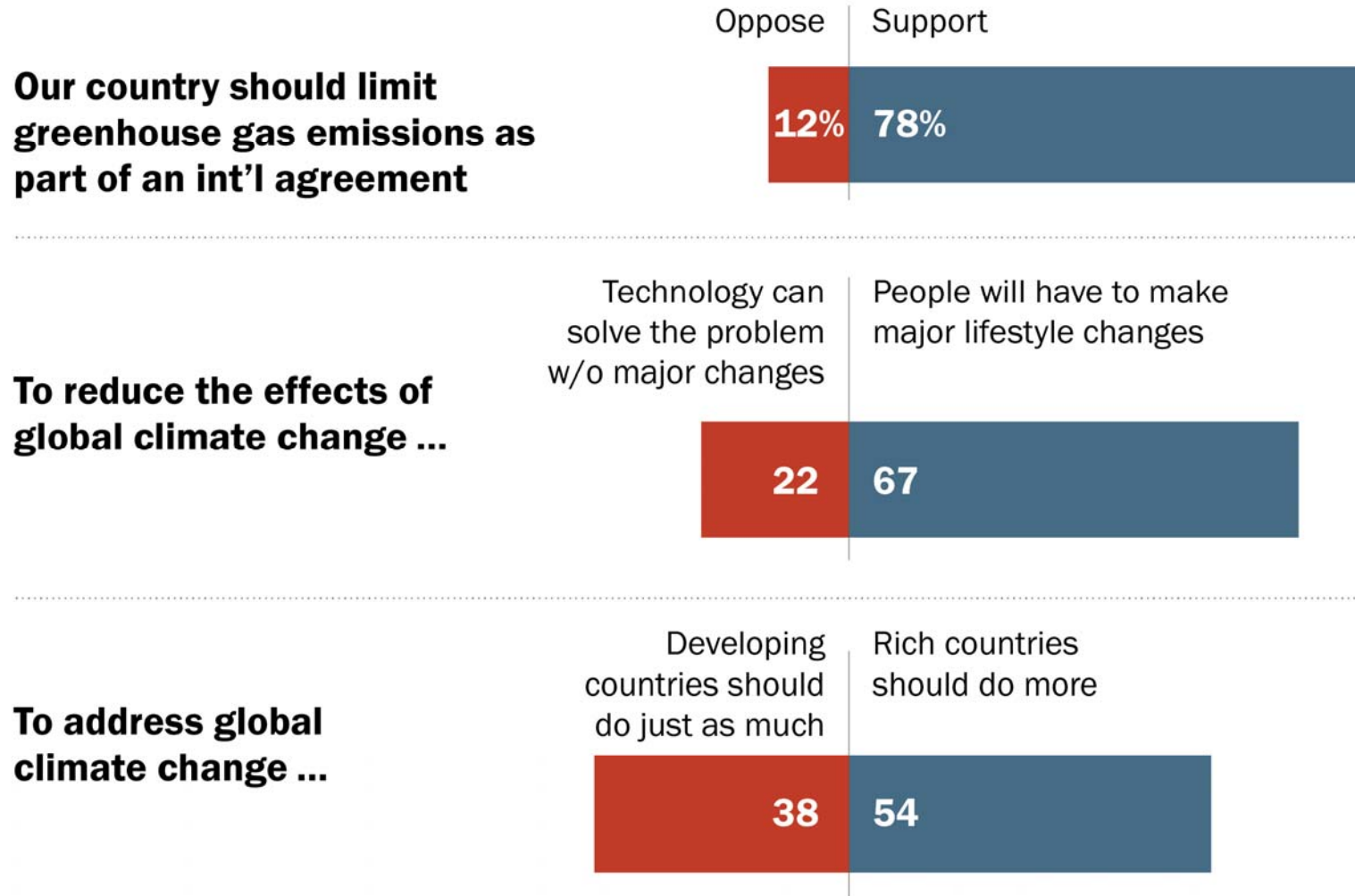
Regional medians



Note: Russia and Ukraine not included in Europe median. Asia-Pacific median includes China.

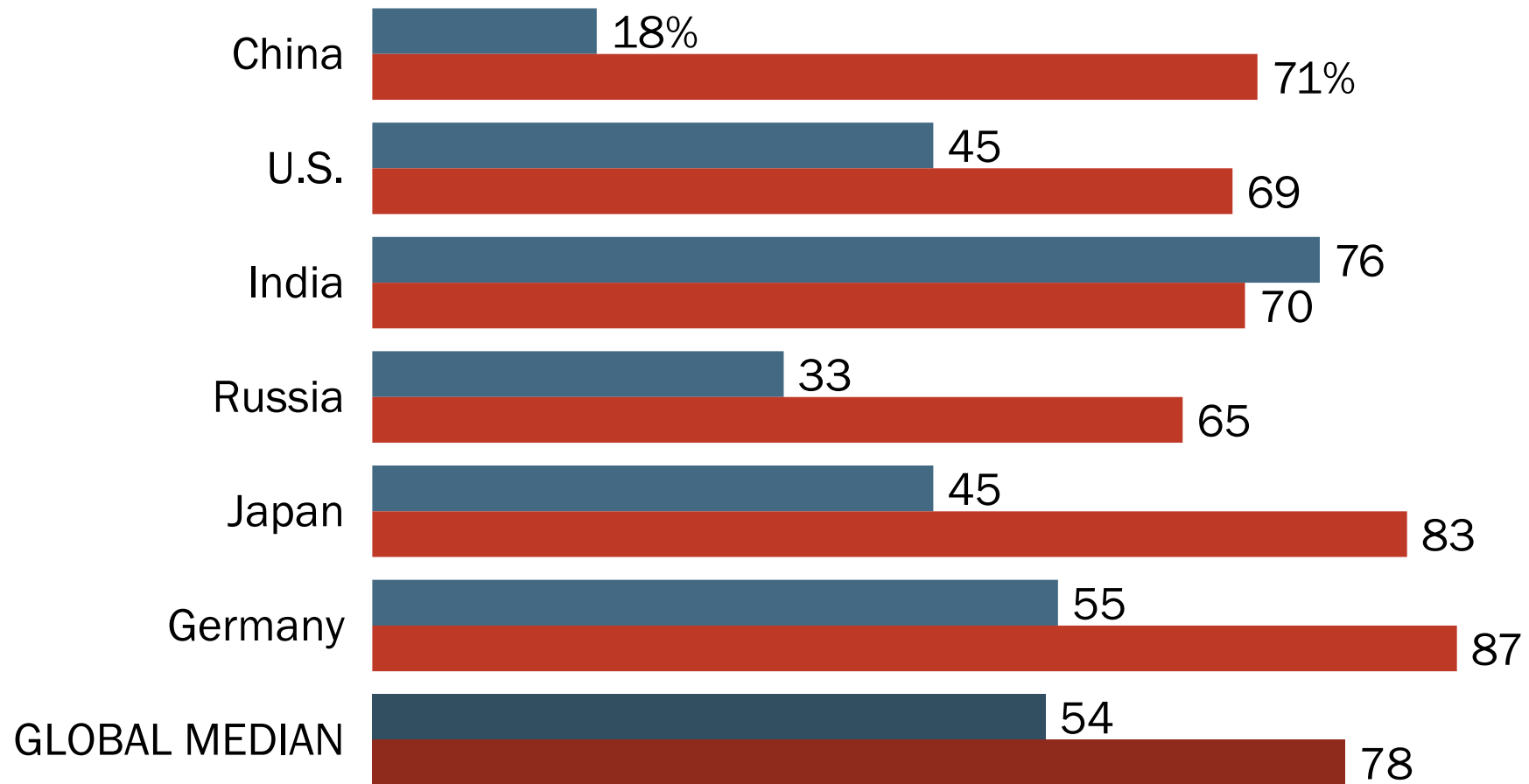
Global Support for Both Personal and Policy Changes

Global medians on climate change solutions



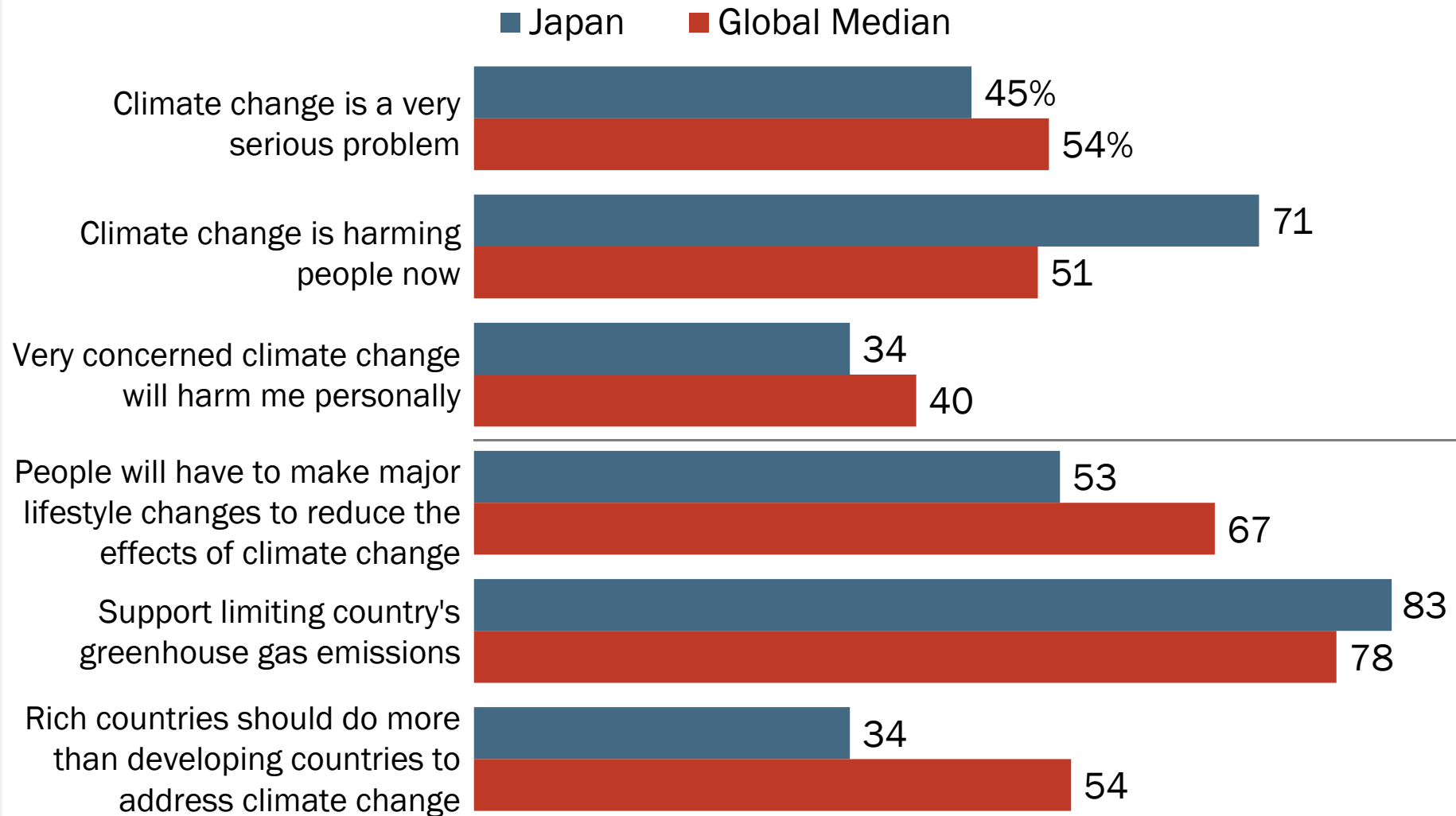
Top Polluters Less Concerned about Climate Change But Their Publics Still Willing to Limit Greenhouse Gas Emissions

- Climate change is a very serious problem
- Support limiting greenhouse gas emissions as part of an int'l agreement



Note: Data shown for top six CO₂ emitting nations based on 2011 emissions data from the World Bank. Median calculated from all 40 nations surveyed.

Japanese Say Climate Change Is Harming People Now and Want Limitations on Greenhouse Gas Emissions

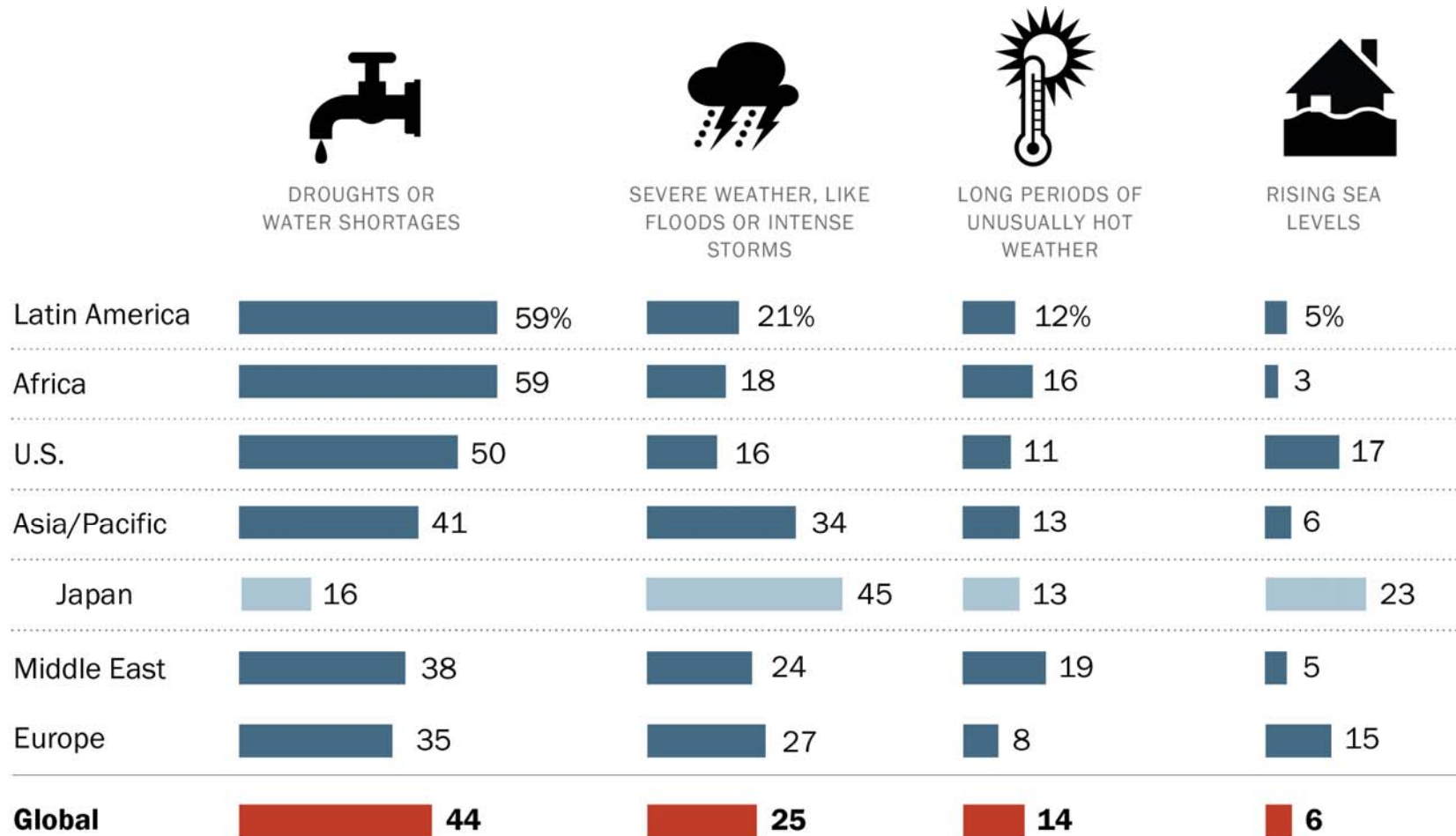


Note: Japan included in global median.

CONCERN ABOUT GLOBAL WARMING AND A WILLINGNESS TO ACT

Drought Tops Climate Change Concerns Except in Japan

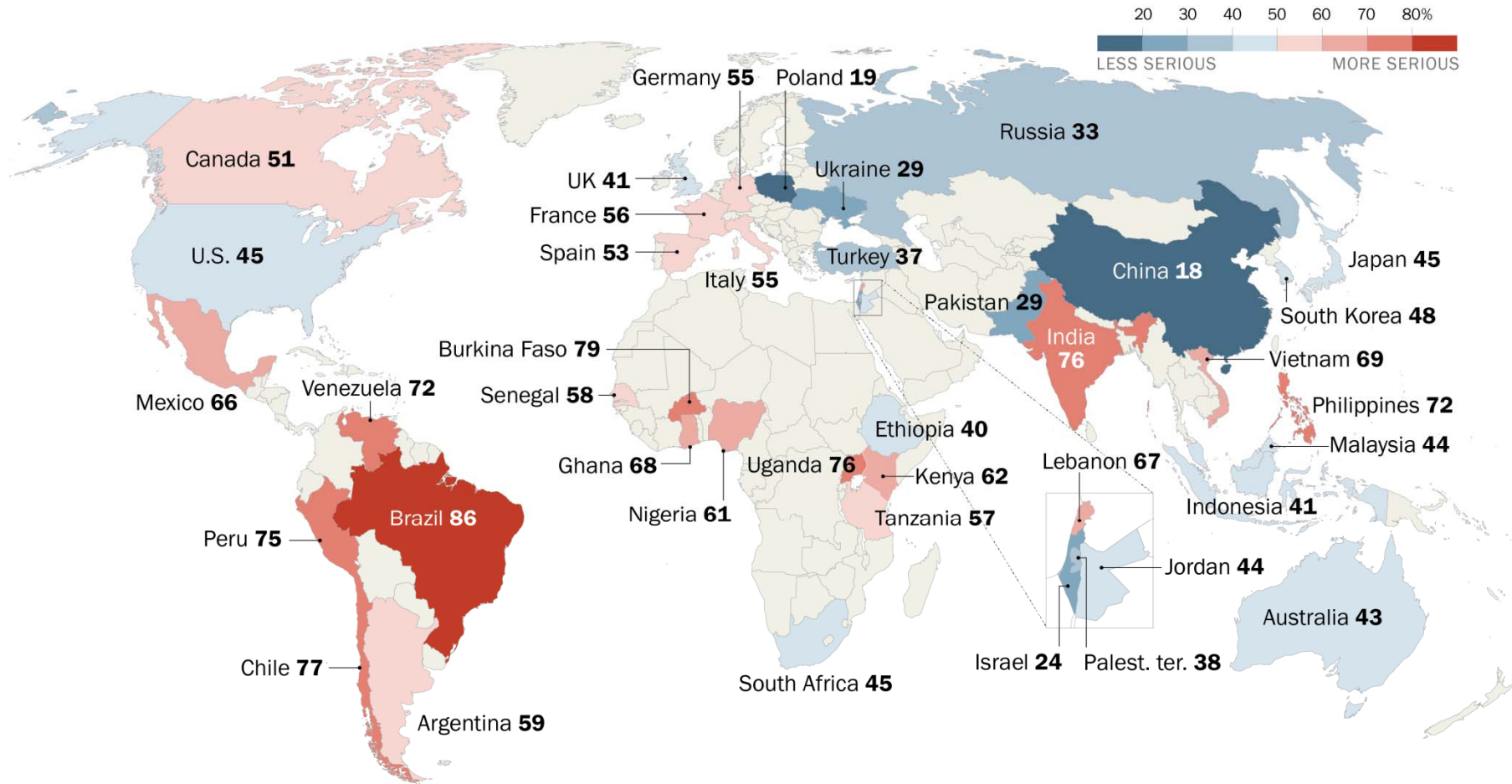
Regional medians of most concerning effects of global climate change



Note: Japan included in Asia-Pacific median. Russia and Ukraine not included in Europe median.

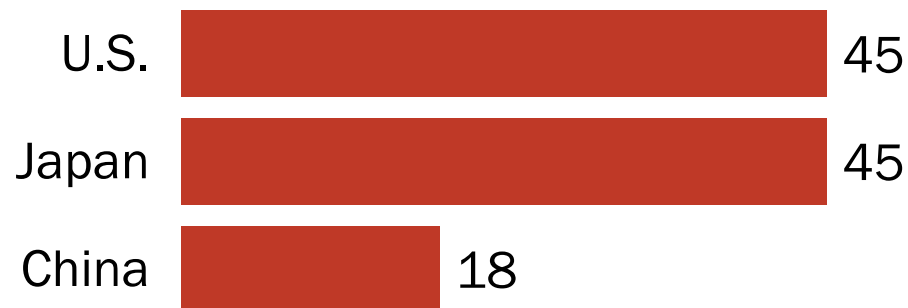
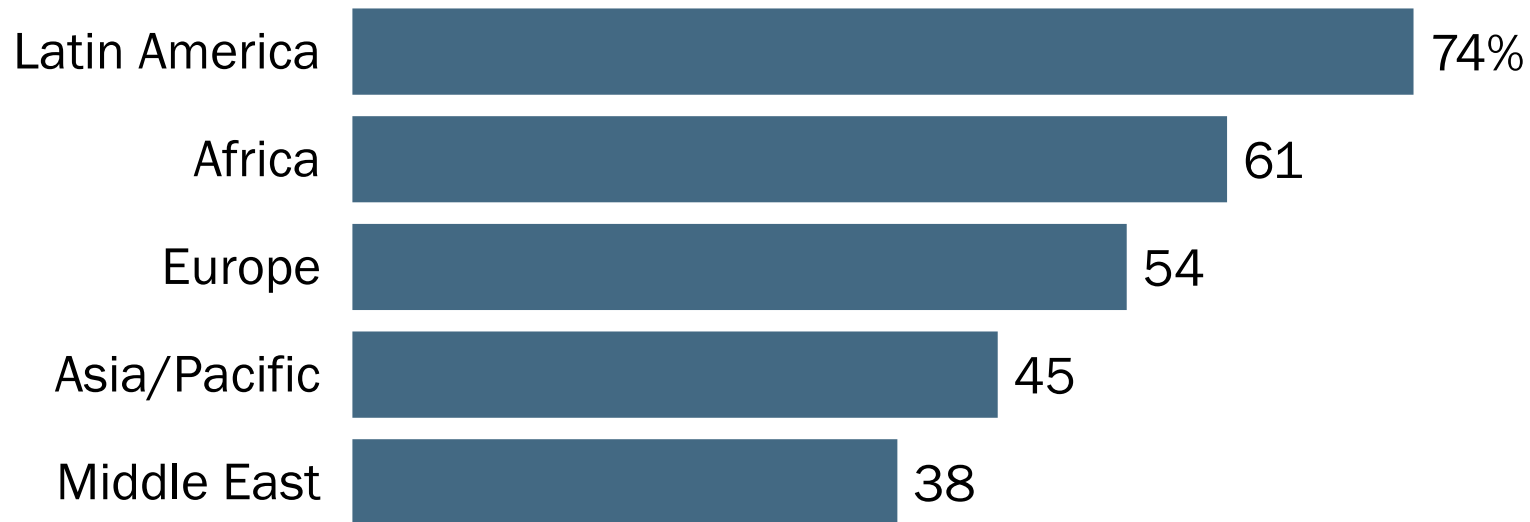
Intensity of Climate Change Concern Varies Globally

Global climate change is a very serious problem



Climate Concern in U.S., China, Japan Trails That in Many Other Regions

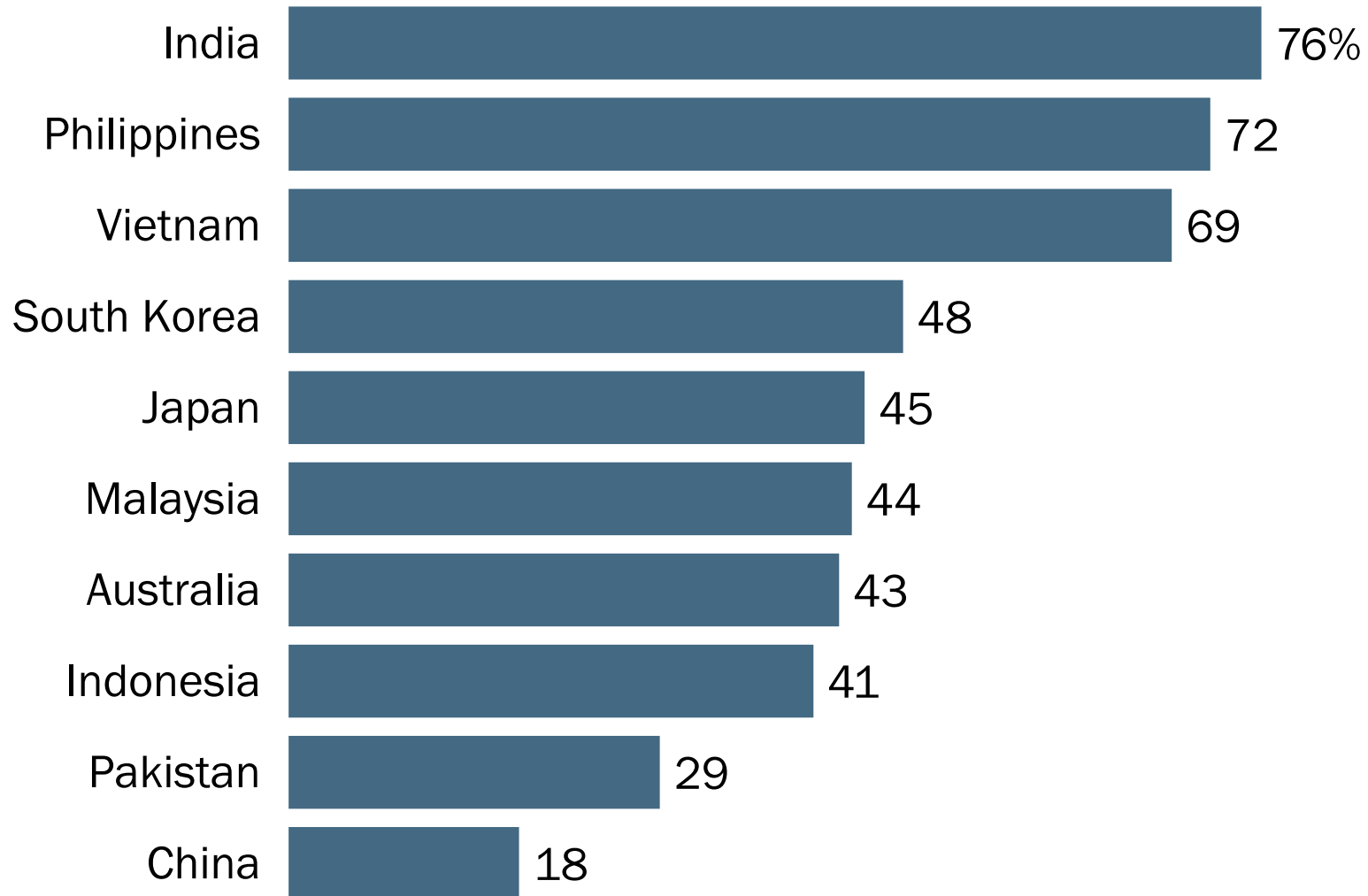
Global climate change is a very serious problem



Note: Japan and China included in Asia-Pacific median. Russia and Ukraine not included in Europe median.

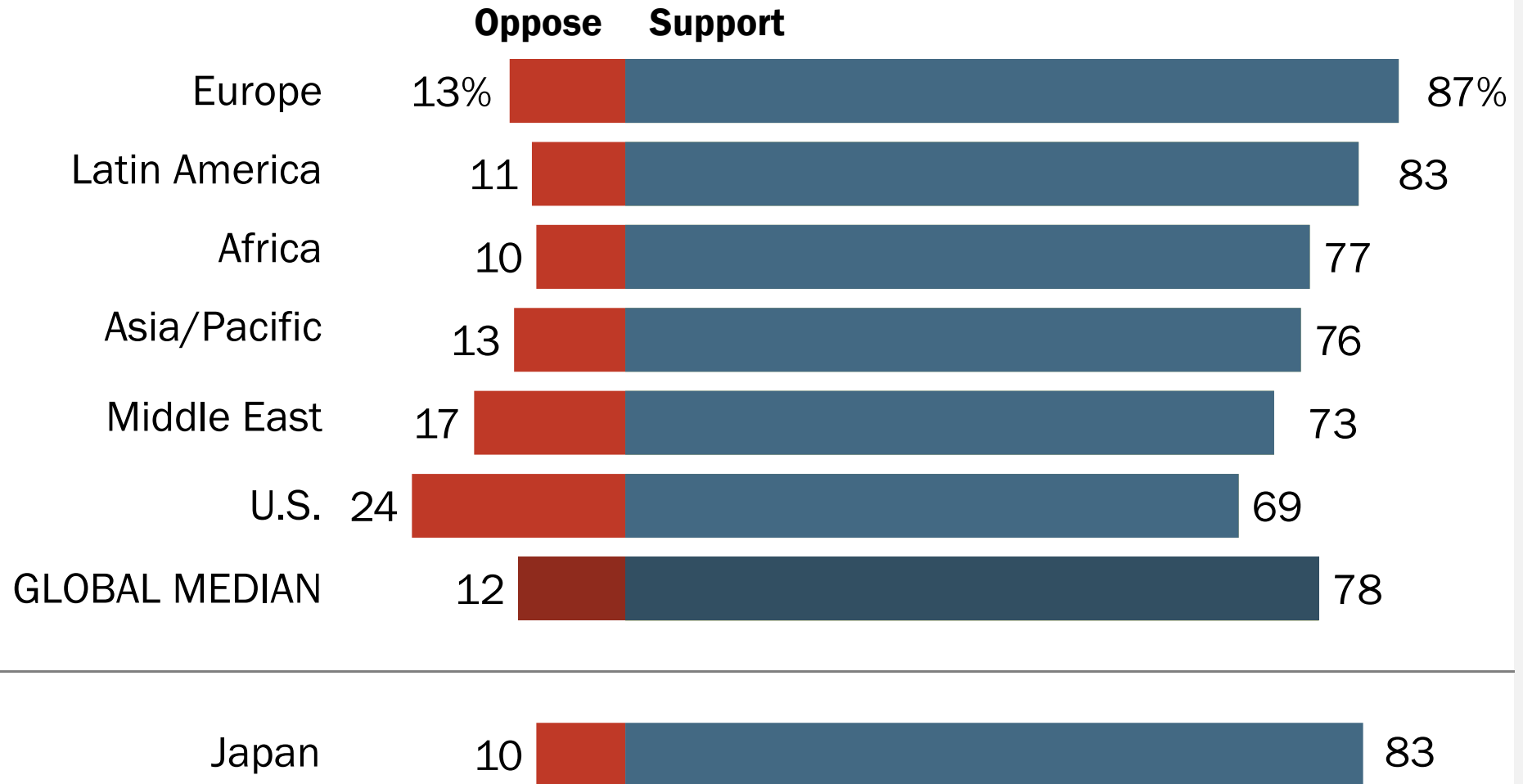
In Asia, India Most Concerned about Climate Change, China Least Worried

Global climate change is a very serious problem



Europeans Most Supportive of Limiting Greenhouse Gas Emissions

Do you __ our country limiting greenhouse gas emissions as part of an international agreement?



Note: Japan included in Asia-Pacific median. Russia and Ukraine not included in Europe median. Global median is calculated from all 40 nations surveyed.

Among Many Top Polluters, Young Are Strongest Supporters of Limiting Emissions, No Generational Difference in Japan

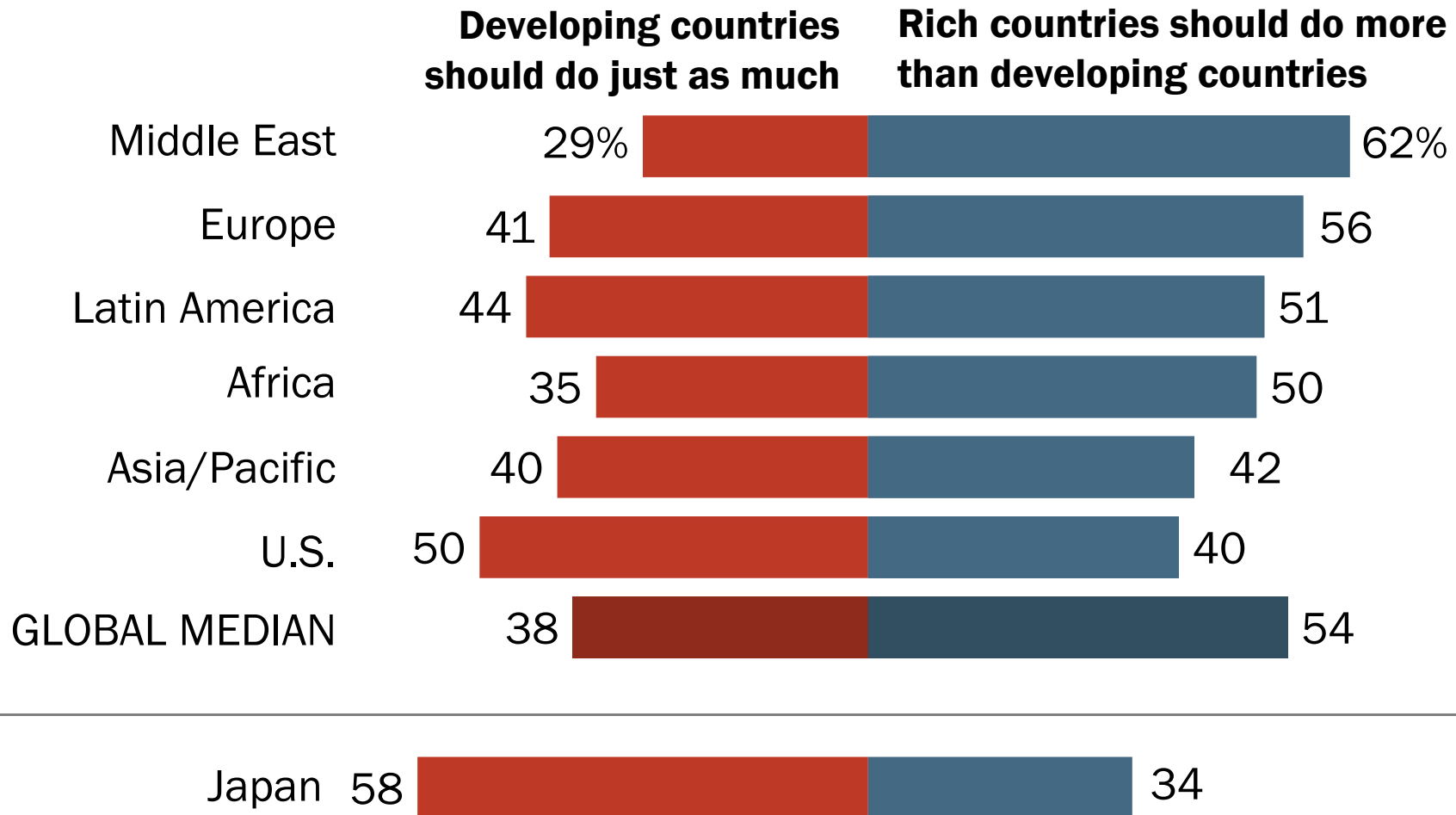
Support limiting country's greenhouse gas emissions

	18-29	30-49	50+	Youngest-oldest gap
	%	%	%	
U.S.	85	69	60	+25
Poland	71	65	57	+14
France	95	85	84	+11
India	74	70	64	+10
Australia	84	83	75	+9
Japan	83	85	82	+1

Note: Japan difference not statistically significant. All other differences shown are statistically significant.

Globally, Majority Support for Rich Countries Doing More, But Not in Japan

To address global climate change ...



Note: Japan included in Asia-Pacific median. Russia and Ukraine not included in Europe median. Global median calculated from all 40 nations surveyed.

Generational Divide on Who Should Do More to Address Climate Change

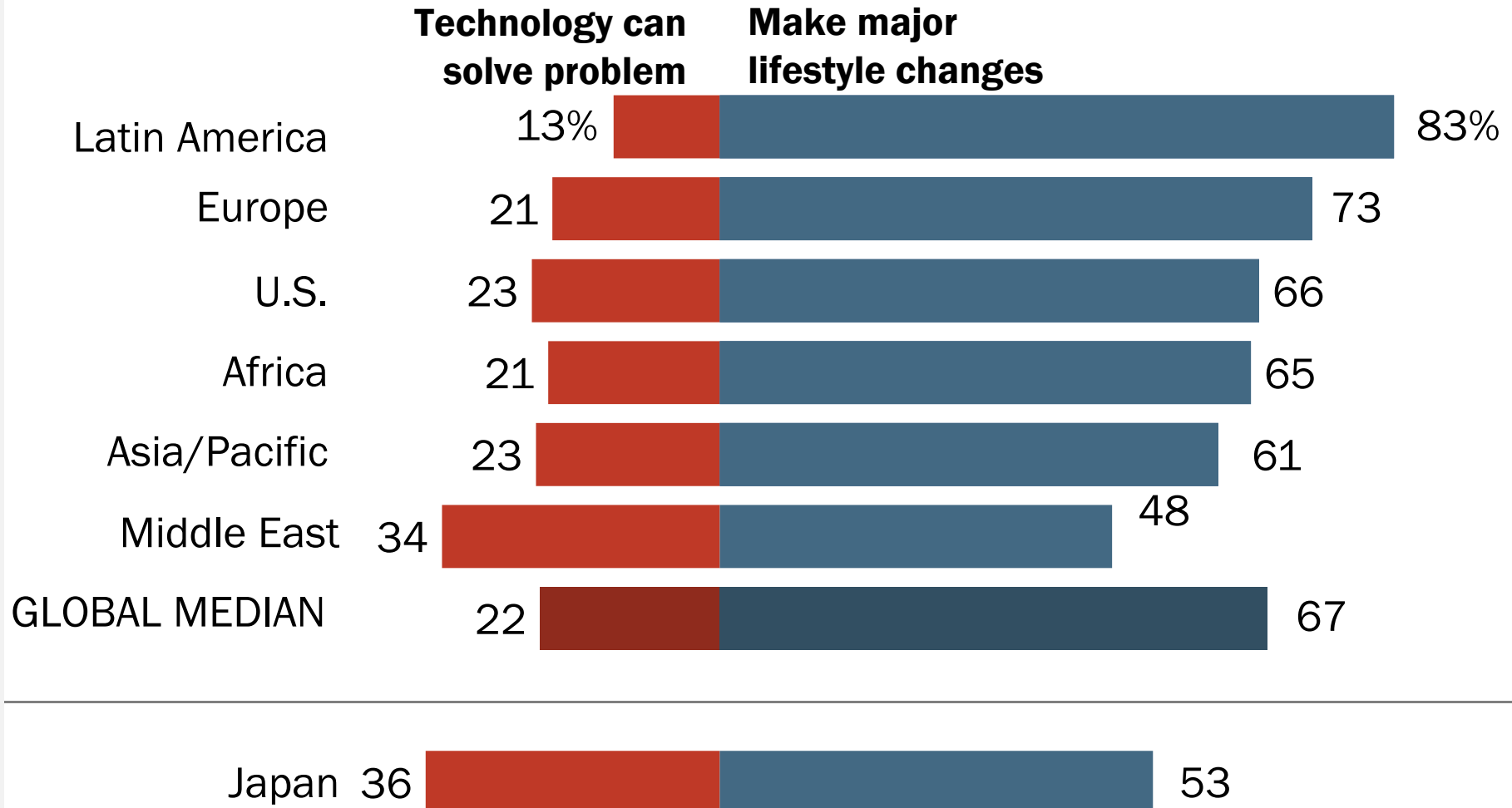
Rich countries should do more to address climate change than developing countries

	18-29	30-49	50+	Youngest-oldest gap
	%	%	%	
U.S.	51	42	34	+17
Japan	45	35	31	+14
Australia	55	55	45	+10
France	44	51	60	-16
Germany	47	56	65	-18

Note: All differences shown are statistically significant.

Majorities in Japan, Most Regions Say Lifestyle Changes Necessary

Do you think people will have to make major changes to reduce the effects of climate change OR can technology solve the problem without major changes?



Note: Japan included in Asia/Pacific median. Russia and Ukraine not included in Europe median. Global median calculated from all 40 nations surveyed.

Women, More than Men, Say Personal Changes Necessary to Combat Global Warming

To reduce the effects of global climate change people will have to make major changes in the way they live

	Women	Men	Diff
	%	%	
U.S.	75	57	+18
Canada	81	66	+15
UK	74	60	+14
Australia	71	57	+14
Spain	83	71	+12
Germany	81	70	+11
South Korea	89	78	+11
Poland	53	44	+9
Ukraine	53	44	+9
France	86	80	+6
Japan	54	52	+2

Note: Japan difference not statistically significant. All other differences shown are statistically significant.

CLIMATE CHANGE IS DIVISIVE WITHIN COUNTRIES

In Europe, U.S.: Deep Ideological Divide on Climate Change Concern

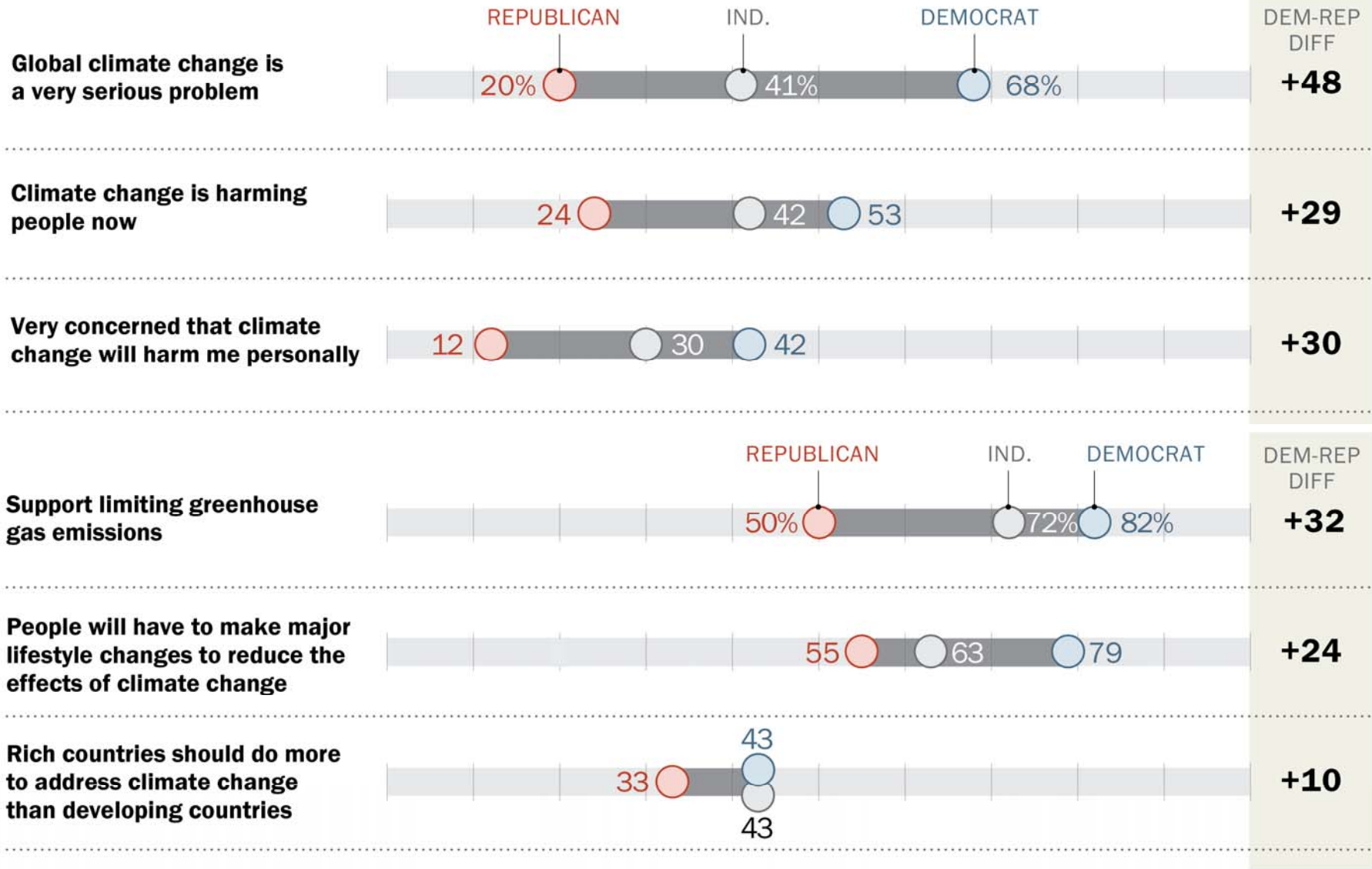
Global climate change is a very serious problem

Global climate change is harming people now

	Global climate change is a very serious problem			Global climate change is harming people now		
	Left %	Right %	<i>Left-Right Diff</i>	Left %	Right %	<i>Left-Right Diff</i>
Italy	69	42	+27	74	64	+10
France	70	49	+21	71	50	+21
UK	53	34	+19	59	44	+15
Spain	60	46	+14	69	51	+18
Germany	58	57	+1	73	59	+14
Poland	16	18	-2	25	36	-11
	Liberal %	Conservative %	<i>Lib-Conserv Diff</i>	Liberal %	Conservative %	<i>Lib-Conserv Diff</i>
U.S.	68	30	+38	59	32	+27

Note: Statistically significant differences in bold.

Stark U.S. Partisan Differences on Climate Change



JAPAN DEMOGRAPHICS

In Japan, Older Generation More Concerned about Climate Change

	Climate change is a very serious problem	Climate change is harming people now	Very concerned climate change will harm me personally
	%	%	%
TOTAL	45	71	34
Men	82	69	32
Women	88	73	35
18-29	29	61	27
30-49	38	74	32
50+	52	73	36
Lower income	47	67	38
Higher income	43	75	30
Secondary	49	70	37
Post-secondary	40	73	29

... But Young and Old Both Willing to Act, and Young More Likely to Say Rich Countries Should Do More to Address Climate Change

	People will have to make major lifestyle changes	Support limiting country's greenhouse gas emissions	Rich countries should do more than developing countries
	%	%	%
TOTAL	53	83	34
Men	52	86	36
Women	54	80	32
18-29	48	83	45
30-49	52	85	35
50+	54	82	31
Lower income	54	81	33
Higher income	53	87	36
Secondary	51	82	33
Post-secondary	57	86	36

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All Pew Research Center reports and data are available online at www.pewresearch.org