## Manuscript title

Who trusts in scientific research?:

International surveys of Japan, the United States, and the United Kingdom

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## Questionnaire

- English (US and UK) version
- Japanese version

Table S1. Survey Overview and Respondent Information

	JP	UK	US
Survey period	2021/2/5-10	2021/3/4-6	2021/2/25-27
Survey media	Cross Marketing Inc.	Prolific.co	Prolific.co
Questionnaire preview	https://bit.ly/3LjaNRE	https://bit.ly/35OnyDw	https://bit.ly/35SDnJr
Respondents(n)	1280	1129	1127

**Table S2. Demographics of respondents** 

Variable		JP	UK	US	
Age	Range	18-70	18-83	18-80	
	Mean(SD)	42.75(15.44)	46.56(15.63)	45.81(16.08)	
Gender	Female	50.6%	51.5%	51.7%	
Educational background	Elementary School / Middle School	4.1%	0.9%	0.1%	
	High School	28.8%	16.5%	11.5%	
	Junior College / Technical College / Vocational School	20.0%	18.9%	20.3%	
	University / Graduate School	47.1%	63.8%	68.1%	

Table S3. Frequency distribution and mean percentage of correct answers for each item of scientific knowledge. Cells with a grey background indicate the correct answer.

		JP			UK			US	
	True	False	DK	True	False	DK	True	False	DK
The center of the earth is very hot. (True)	82.4%	2.9%	14.7%	93.1%	16.8%	5.2%	91.2%	2.5%	6.3%
All radioactive substances are man-made. (False)	10.7%	67.2%	22.1%	8.1%	73.1%	18.9%	6.9%	76.7%	16.4%
Plants create the oxygen that we breathe. (True)	66.3%	12.2%	21.6%	91.2%	5.7%	3.1%	91.3%	5.0%	3.7%
It is the father's gene that decides whether the baby is a boy or a girl. (True)	25.1%	32.4%	42.5%	51.3%	24.9%	23.8%	68.2%	16.0%	15.8%
Lasers work by focusing sound waves. (False)	14.8%	27.9%	57.3%	10.9%	53.9%	32.3%	15.0%	55.7%	29.3%
Electrons are smaller than atoms. (True)	34.4%	21.4%	44.2%	59.4%	14.3%	26.2%	66.3%	14.8%	18.9%
Antibacterial medicines suppress the proliferation of viruses as well as bacteria. (False)	21.1%	34.6%	44.3%	19.9%	57.0%	23.0%	23.5%	59.1%	17.4%
The continents have been moving for a long period, and will continue to move. (True)	87.8%	1.3%	10.9%	93.6%	1.4%	5.0%	90.5%	2.6%	6.9%
Human beings, as we know them today, have developed from earlier species of animals. (True)	71.8%	8.1%	20.1%	83.2%	10.6%	6.2%	71.3%	17.3%	11.4%
The earliest humans lived at the same as the dinosaurs. (False)	26.9%	46.6%	26.5%	11.5%	72.0%	16.5%	14.9%	67.6%	17.5%
Milk that has been contaminated by radiation is safe to drink after being boiled. (False)	1.6%	76.6%	21.8%	2.0%	67.2%	30.7%	3.0%	64.7%	32.3%
Mean percentage of correct answers		56.4%			72.3%			73.0%	

Table S4. Percentage of correct answers for each item of research literacy. Cells with a grey background indicate the correct answer.

	JP		UK		U	S
	Selected	Not selected	Selected	Not selected	Selected	Not selected
The more data (e.g., number of people or animals included in a study), the better. (Incorrect)*	63.0%	37.0%	87.9%	12.1%	84.7%	15.3%
Scientific data is more reliable when repeatedly showing the same result(s). (Correct)	75.9%	24.1%	83.8%	16.2%	87.6%	12.4%
Some phenomena may have more than one cause. (Correct)	78.1%	21.9%	86.5%	13.5%	87.7%	12.3%
Research data on the same subject may differ if the researcher conducting the research or the method of measurement differs. (Correct)	77.2%	22.8%	82.1%	17.9%	79.0%	21.0%
Comparing groups in which a cause is present with those in which it is absent will tell us whether or not the cause has an effect. (Correct)	50.4%	49.6%	50.8%	49.2%	47.1%	52.9%
Articles published in academic journals are always credible. (Incorrect)	3.7%	96.3%	13.8%	86.2%	9.8%	90.2%
Once discovered and established, scientific facts are fixed. (Incorrect)	2.6%	97.4%	6.0%	94.0%	8.9%	91.1%

<sup>\*</sup>This item was excluded from the analysis because it was considered to be impairing uni-dimensionality.

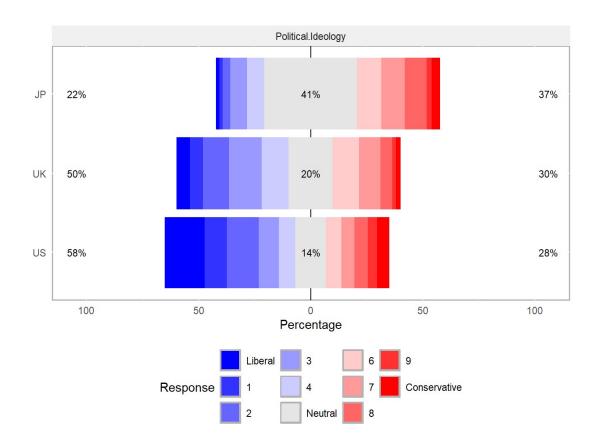


Figure S1. Frequency distribution of political ideology