

Supplementary tables

Indices

These indices were used in previous studies, e.g., (1, 2) to capture broad concepts like privacy, altruism, etc., that are best measured through multiple survey questions. In creating them, we performed Principal Component Analysis (PCA) on a larger a larger set of questions, using the PCA to maximize the variance explained in the multivariate distribution. Selecting a parsimonious set of questions meant that highly correlated variables would not unduly undermine the validity of the index.

Privacy index

<i>For you, how true are the following statements</i>	Not at all true (%)	Somewhat true (%)	Fairly true (%)	Very true (%)
I believe the privacy of my electronic personal health information is seriously threatened	39.3	37.2	14.4	9.16
I worry that private information about my health could be used against me	38.5	35.9	14.4	11.3
There are some things I would not tell my healthcare providers because I can't trust them with the information	58.4	25.0	9.39	7.24
Doctors could share embarrassing information about me with people who have no business having it	38.2	37.0	13.2	11.5
I worry my electronic health record is available to people who have no business knowing it	30.2	38.4	16.5	14.9
Chronbach's alpha: 0.88				

Belief in medical conspiracy index

<i>For you, how true are the following statements</i>	Not at all true (%)	Somewhat true (%)	Fairly true (%)	Very true (%)
The government does not tell the public the truth about the dangers of vaccines	42.2	33.7	14.5	9.62
Some medical research projects are secretly designed to expose minority groups	75.5	16.4	4.98	3.17
The health care system experiments on patients without them knowing about the experiments	57.1	31.5	7.92	3.51
Health professionals don't tell you everything you need to know about medicines	26.0	44.9	18.2	10.9
I am concerned about serious adverse effects of vaccines	50.7	29.8	11.0	8.60
If I have a serious concern about my health, I can rely on the health system to address it	12.2	35.5	36.7	15.6
Chronbach's alpha: 0.77				

Confidence in current governance index

<i>For you, how true are the following statements</i>	Not at all true (%)	Somewhat true (%)	Fairly true (%)	Very true (%)
Access to electronic health information is adequately regulated	21.3	47.3	24.2	7.24
Electronic health information is sufficiently protected by current law and regulation	22.0	42.2	27.3	8.60
Health researchers are sufficiently accountable for conducting ethical research	14.4	41,1	30.8	13.8
Physicians are sufficiently accountable for conducting ethical research	12.0	39.9	33.0	14.9
I am confident in the standards for keeping personal health information confidential	17.4	40.6	30.3	11.7
Chronbach's alpha: 0.89				

Altruism Index

<i>For you, how true are the following statements</i>	Not at all true (%)	Somewhat true (%)	Fairly true (%)	Very true (%)
I always find was to help others less fortunate than me	8.60	47.0	33.4	11.1
The dignity and well-being of all should be the most important concern in any society	6.22	22.5	31.3	39.9
One of the problems of today's society is that people are often not kind enough to one another	7.01	26.2	31.6	35.2
All people who are unable to provide for their own needs should be helped by others	10.4	40.8	27.4	21.4
Chronbach's alpha: 0.69				

Trust in medical providers index

<i>For you, how true are the following statements</i>	Not at all true (%)	Somewhat true (%)	Fairly true (%)	Very true (%)
Health care providers care most about making money	24.7	41.7	18.1	15.5
Health care providers have a good track record of using information responsibly	7.69	38.9	39.1	14.3
I trust health care providers to use my health information responsibly	7.69	30.2	39.8	22.3
Health care providers tell you everything you need to know about the dangers of different treatments	17.0	36.3	36.5	10.2
Health care providers do not care about helping people like me	70.0	22.7	4.98	2.26
Chronbach's alpha: 0.79				

References

1. Platt J, Kardia S. Public trust in health information sharing: implications for biobanking and electronic health record systems. *Journal of personalized medicine*. 2015;5(1):3-21.
2. Platt JE, Jacobson PD, Kardia SL. Public Trust in Health Information Sharing: A measure of system trust. *Health services research*. 2018;53(2):824-45.