

ATTARI-12: Study 1 (Validation)

Start of Block: Introduction

Q6 Dear participant,

thank you very much for your interest in our study. This online survey is part of our research at [ANONYMIZED]. In this study you will be presented several questionnaires. We are especially interested in your attitude toward technology. It will take you 3-5 minutes to complete the questionnaire.

Please use a PC, laptop or tablet - not a smartphone - for an optimized presentation of the content. Please do not participate if you are under the age of 18 years. It is essential that the participants in the study are native speakers of English or speak English as well as a native speaker would. Please only participate if you are residing in the US.

The data collected will be used exclusively for scientific purposes and will not be passed on to third parties. The data will be treated strictly confidentially and anonymously, i.e. the answers cannot be assigned to any person. If you wish to have your data deleted, but have already reached the end of the survey, you can inform us via an open text field that your data should be deleted.

If you have any questions or problems, please contact the following e-mail address:
[ANONYMIZED]

Thank you very much for your support!

I hereby give my consent to the use, storage and utilization of my personal data. I agree that the data may be used in anonymized form for research purposes. I have been informed that I can cancel my participation at any time without giving reasons and without incurring any disadvantages.

☐ I have read the participation information and agree to it. (1)

End of Block: Introduction

Start of Block: Control item

YearBirth

Please choose your year of birth.

Your year of birth: (1)

▼ 2010 (1) ... 1921 (90)

End of Block: Control item

Start of Block: Attitude AI trait



WATAI In the following, we are interested in your attitudes towards *artificial intelligence* (AI). AI can execute tasks that typically require human intelligence. It enables machines to sense, act, learn, and adapt in an autonomous, human-like way. AI may be part of a computer or online platform—but it can also be encountered in various other hardware devices such as robots.

	strongly disagree 1 (1)	2 (2)	3 (3)	4 (4)	strongly agree 5 (7)
AI will make this world a better place. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have strong negative emotions about AI. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I want to use technologies that rely on AI. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AI has more disadvantages than advantages. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I look forward to future AI developments. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AI offers solutions to many world problems. (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I prefer technologies that do not feature AI. (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am afraid of AI. (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would rather choose a technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

with AI than
one without it.
(9)

AI creates
problems
rather than
solving them.
(10)

When I think
about AI, I
have mostly
positive
feelings. (11)

I would rather
avoid
technologies
that are based
on AI. (12)

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

End of Block: Attitude AI trait

Start of Block: PVAs

PVA_attitude

Now we are interested in your opinion regarding *personal voice assistants* (e.g. Alexa, Echo, Siri or Bixby). Personal voice assistants may be embedded in phones, tablets, smart-speakers, or other small hardware devices. They are responsive to the user's voice and may react to a large number of vocal commands (such as "Start a call to Sarah" or "Dim the lights to 20%").

Please indicate how you are feeling about personal voice assistants.

	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	
hate it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	love it
negative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	positive
repulsive	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	attractive

End of Block: PVAs

Start of Block: appraisal_robots

app_robot1

Now we are interested in your evaluation of *robots*.

A robot is a machine which can assist humans in everyday tasks without constant guidance or instruction, e.g. as a kind of co-worker helping on the factory floor or as a robot cleaner, or in activities which may be dangerous for humans, like search and rescue in disasters.

	very negative 0 (1)	fairly negative 1 (2)	fairly positive 2 (3)	very positive 3 (4)
Generally speaking, do you have a very positive, fairly positive, fairly negative or very negative view of robots? (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



app_robot23

Please indicate below how much you agree with the following statements.

	totally disagree 0 (1)	1 (2)	2 (3)	totally agree 3 (4)
Robots are a good thing for societies because they help people (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Robots are necessary as they can do jobs that are too hard or too dangerous for people. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: appraisal_robots

Start of Block: Social desirability

Q68 Below you will find a list of statements. Please read each statement carefully and decide if that statement describes you or not. If it describes you, check the word "true"; if not, check the word "false."

	True (1)	False (2)
I sometimes litter. (1)	<input type="radio"/>	<input type="radio"/>
I always admit my mistakes openly and face the potential negative consequences. (2)	<input type="radio"/>	<input type="radio"/>
In traffic I am always polite and considerate of others. (3)	<input type="radio"/>	<input type="radio"/>
I always accept others' opinions, even when they don't agree with my own. (4)	<input type="radio"/>	<input type="radio"/>
I take out my bad moods on others now and then. (5)	<input type="radio"/>	<input type="radio"/>
There has been an occasion when I took advantage of someone else. (6)	<input type="radio"/>	<input type="radio"/>
In conversations I always listen attentively and let others finish their sentences. (7)	<input type="radio"/>	<input type="radio"/>
I never hesitate to help someone in case of emergency. (8)	<input type="radio"/>	<input type="radio"/>

New Page

Q82 Below you will find a list of statements. Please read each statement carefully and decide if that statement describes you or not. If it describes you, check the word "true"; if not, check the word "false."

	True (1)	False (2)
When I have made a promise, I keep it - no ifs, ands or buts. (9)	<input type="radio"/>	<input type="radio"/>
I occasionally speak badly of others behind their back. (10)	<input type="radio"/>	<input type="radio"/>
I would never live off other people. (11)	<input type="radio"/>	<input type="radio"/>
I always stay friendly and courteous with other people, even when I am stressed out. (12)	<input type="radio"/>	<input type="radio"/>
During arguments I always stay objective and matter-of-fact. (13)	<input type="radio"/>	<input type="radio"/>
There has been at least one occasion when I failed to return an item that I borrowed. (14)	<input type="radio"/>	<input type="radio"/>
I always eat a healthy diet. (15)	<input type="radio"/>	<input type="radio"/>
Sometimes I only help because I expect something in return. (16)	<input type="radio"/>	<input type="radio"/>

End of Block: Social desirability

Start of Block: Attention check

AT_Ceck Please describe the study you are currently participating in. Please use full English sentences. Do not use more than 50 words.

End of Block: Attention check

Start of Block: Socio Demographics



age How old are you?

gender What is your gender?

- ☐ Male (1)
- ☐ Female (2)
- ☐ Other (4)
- ☐ I prefer not to answer (5)

education What is the highest degree or level of education you have completed?

- ☐ Some High School (1)
 - ☐ High School Graduate (2)
 - ☐ Bachelor's Degree (3)
 - ☐ Master's Degree (4)
 - ☐ Ph. D. or higher (5)
 - ☐ Trade School (6)
-

Q64 Which of the following best describes you?

- ☐ Asian or Asian American (2)
- ☐ Black or African American (3)
- ☐ Hispanic or Latino (4)
- ☐ Native American or Alaskan Native (1)
- ☐ Native Hawaiian or Other Pacific Islander (5)
- ☐ White (6)
- ☐ Other (7)

End of Block: Socio Demographics

Start of Block: END

Comments Do you have any comments or have there been problems filling out the questionnaire?

Q62

You have completed the survey. Thank you very much for your participation.

Here is your ID: [\\${e://Field/ID}](#)

Copy this value to paste into MTurk.

When you have copied this ID, please click on the blue button below to submit your survey.

End of Block: END
