

AV_Perspective_E8

Start of Block: attention_checks1

att_1 Before you proceed to the survey, please complete the captcha verification below

Page Break

att_2 People are very busy these days and do not have time to follow what goes on in the government. We are testing whether people read questions. To show that you've read this much, answer 'extremely interested' for this question.

- ☐ Extremely interested (6)
- ☐ Very interested (7)
- ☐ Moderately interested (8)
- ☐ Slightly interested (9)
- ☐ Not interested at all (10)

End of Block: attention_checks1

Start of Block: consent

consent **Informed Consent**

Participation is voluntary

It is your choice whether or not to participate in this research. If you choose to participate, you may change your mind and leave the study at any time. Refusal to participate or stopping your participation will involve no penalty or loss of benefits to which you are otherwise entitled.

What is the purpose of this research?

The purpose of this research is to examine human judgments. All data from this experiment are gathered for scientific purposes and will contribute to our eventual understanding of behaviors and attitudes. These data may be published in scientific journals so that other researchers may have access to these data.

How long will I take part in this research?

Your participation will take approximately 5-10 minutes to complete.

What can I expect if I take part in this research?

As a participant, you will be asked to look at images and information presented on the screen display and asked to respond to it. Your response may involve responding as quickly as you can, memorizing what you saw, making a judgment, or completing a questionnaire. You will also be asked to complete a demographics form.

What are the risks and possible discomforts?

If you choose to participate, the effects should be comparable to those you would experience

from viewing a computer monitor for 5-10 minutes and using a mouse or keyboard, e.g., eye fatigue. You are free to take breaks throughout the session. Some of the images and stories are mildly emotional, and some of the written stories are disgust-inducing.

Will I be compensated for participating in this research?

You will be compensated \$1.50 for this study. You will still receive payment if you withdraw early.

If I take part in this research, how will my privacy be protected? What happens to the information you collect?

Your participation in this experiment will remain confidential, and your identity will not be stored with your data.

If I have any questions, concerns or complaints about this research study, who can I talk to?

The researcher for this study is Julian De Freitas who can be reached at 626.559.6401; #161 Morgan Hall, 15 Harvard Way, Boston MA, 02163; jdefreitas@hbs.edu. If you have questions, concerns, or complaints, If you would like to talk to the research team, If you think the research has harmed you, or If you wish to withdraw from the study. This research has been reviewed by the Committee on the Use of Human Subjects in Research at Harvard University. They can be reached at 617-496-2847, 1350 Massachusetts Avenue, Suite 935, Cambridge, MA 02138, or cuhs@harvard.edu for any of the following: If your questions, concerns, or complaints are not being answered by the research team, If you cannot reach the research team, If you want to talk to someone besides the research team, or If you have questions about your rights as a research participant.

☐ I agree (1)

☐ I don't agree (2)

End of Block: consent

Start of Block: attention_checks2

att_3 This is an attention check.

John is 45 years old and Paul is 42 years old. Who is younger?

- ☐ John (1)
 - ☐ Paul (4)
 - ☐ Neither John nor Paul (2)
 - ☐ Both John and Paul (3)
-

att_4 What color is the sky when it is clear?

Please make sure to select green, so that we know you're paying attention.

- ☐ Green (1)
- ☐ Blue (2)

End of Block: attention_checks2

Start of Block: attention check fail

Q143 Unfortunately, you have failed to answer at least one of the attention check questions correctly and have been redirected to the end of the survey.
Please click the button to below to be redirected back to Prolific and register your submission.

End of Block: attention check fail

Start of Block: safety_frame

safety **Please carefully read the following background to the current study**

More than 90% of all accidents are caused by human error.

According to experts, one of the main benefits of self-driving cars is that transportation will become much safer for all Americans. Currently, 100 people die on American roads every day, and many more are injured.

Self-driving cars will specifically eliminate the human factor - distractions, drunk driving and simple human error while driving - leading to far fewer accidents and safer roads.

comp_1 **According to what you've just read, which of the following is true?**

- ☐ Self-driving cars will be more safe than regular vehicles (1)
- ☐ Self-driving cars will be less safe than regular vehicles (2)

End of Block: safety_frame

Start of Block: pref_you

vign

Below is a table depicting 6 possible types of vehicles. The different types are based on how many driving tasks are controlled by the human driver ('HUMAN') versus the self-driving system ('MACHINE').

In level 1, the human controls all driving tasks, whereas in level 6, the machine controls all driving tasks. The levels in-between differ in which driving tasks are controlled by the human versus the machine.

pref_you **Imagine that automobile companies are selling vehicles of all types at the same price, and that you need to buy a vehicle.**

Which level would **you** buy?

- ☐ 1 (1)
 - ☐ 2 (2)
 - ☐ 3 (3)
 - ☐ 4 (4)
 - ☐ 5 (5)
 - ☐ 6 (6)
-

pref_you_explain **In one sentence, please explain why you chose this particular level.**

End of Block: pref_you

Start of Block: comprehension_check

comp_2 **You were shown a table. What did the table represent?**

- ☐ The number of typical daily tasks controlled by humans vs. machines (1)
 - ☐ Different types of vehicles based on how many driving tasks are controlled by humans vs. machines (2)
-

comp_3 **What were the values for vehicle type #1 (the one at the top of the table)?**

- ☐ MACHINE, HUMAN, MACHINE, HUMAN (1)
- ☐ HUMAN, HUMAN, HUMAN, HUMAN (2)

End of Block: comprehension_check

Start of Block: av_you

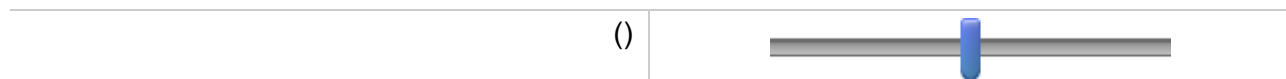
scale_you **Please rate the extent to which you agree with the following statements.**

AV = automated vehicle.

safety_you **I am definitely a safer driver than an AV.**

Completely disagree Neither agree nor disagree Completely agree

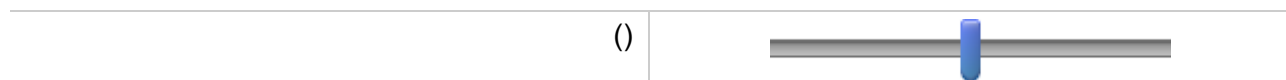
0 10 20 30 40 50 60 70 80 90 100



trust_you **I would be willing to trust my own driving ability more than an AV's driving abilities.**

Completely disagree Neither agree nor disagree Completely agree

0 10 20 30 40 50 60 70 80 90 100



End of Block: av_you

Start of Block: pref_others

vign

Below is a table depicting 6 possible types of vehicles. The different types are based on how many driving tasks are controlled by the human driver ('HUMAN') versus the self-driving system ('MACHINE').

In level 1, the human controls all driving tasks, whereas in level 6, the machine controls all

driving tasks. The levels in-between differ in which driving tasks are controlled by the human versus the machine.

pref_others **Imagine that automobile companies are selling vehicles of all types at the same price, and that you need to buy a vehicle.**

Which level should other people buy?

- ☐ 1 (1)
 - ☐ 2 (2)
 - ☐ 3 (3)
 - ☐ 4 (4)
 - ☐ 5 (5)
 - ☐ 6 (6)
-

pref_others_explain **In one sentence, please explain why you chose this particular level.**

End of Block: pref_others

Start of Block: av_others

scale_others **Please rate the extent to which you agree with the following statements.**

AV = automated vehicle.

safety_others **Other drivers are definitely safer drivers than an AV.**

Completely disagree Neither agree nor disagree Completely agree

0 10 20 30 40 50 60 70 80 90 100

()



trust_others **I would be willing to trust the driving ability of other drivers more than an AV's driving abilities.**

Completely disagree Neither agree nor disagree Completely agree

0 10 20 30 40 50 60 70 80 90 100

()



End of Block: av_others

Start of Block: demographics

license **Do you have a driving license?**

☐ Yes (1)

☐ No (2)

ai_knowledge **How much would you say you know about self-driving cars?**

Very little

A lot

0 10 20 30 40 50 60 70 80 90 100

()



End of Block: demographics

Start of Block: thank you

Q144 Thank you for taking part in the survey.

End of Block: thank you
