

AV Scenarios - pre study

Start of Block: informed_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 visual performance and judgments. All data from this experiment are gathered for scientific purposes and will contribute to our eventual understanding of brain and visual function. 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 7 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 presented on a video display and give responses with key presses or movements of a mouse pointing device. 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 7 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 \$0.5 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.

consent_q Do you consent

☐ Yes (1)

☐ No (2)

End of Block: informed_consent

Start of Block: attention_checks

JS

att1 This is an attention check. **John is taller than Paul. Who is shorter?**

☐ John (1)

☐ Paul (2)

☐ Neither John nor Paul (3)

☐ Both John and Paul (4)

att2 **What color is grass?**

The fresh, uncut grass, not leaves or hay. Please make sure to select purple, so that we know you're paying attention.

☐ Green (1)

☐ Purple (2)

End of Block: attention_checks

Start of Block: failed_attention_check

failed_checks You failed one of the attention checks. Thanks for considering the surveys!

End of Block: failed_attention_check

Start of Block: questions

intro

Welcome! In this study, you will please rate how much you agree with comparative statements between self-driving vehicles (AV) and human-driven vehicles (HDV).

Page Break

fear

Please rate the extent to which you agree with the following statement (0=completely disagree, 100=completely agree):

Currently, I am more afraid of riding in a self-driving vehicle than in a human-driven vehicle.

Completely
disagree Neither agree
nor disagree Completely
agree

0 10 20 30 40 50 60 70 80 90 100



Page Break

safety

Please rate the extent to which you agree with the following statement (0=completely disagree, 100=completely agree):

Currently, I believe that human-driven vehicles are safer than self-driving vehicles.

Completely
disagree

Neither agree
nor disagree

Completely
agree

0 10 20 30 40 50 60 70 80 90 100

1 ()



Page Break

familiarity

Please rate the extent to which you agree with the following statement (0=completely disagree, 100=completely agree):

Currently, I am more familiar with human-driven vehicles than self-driving vehicles.

Completely
disagree

Neither agree
nor disagree

Completely
agree

0 10 20 30 40 50 60 70 80 90 100

1 ()

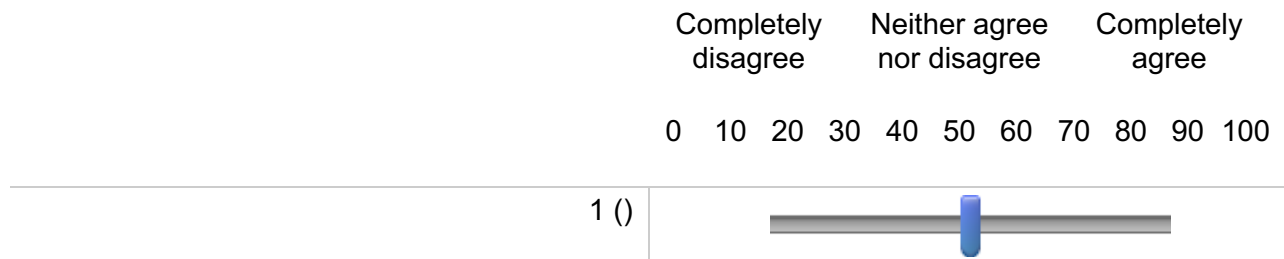


Page Break

risk

Please rate the extent to which you agree with the following statement (0=completely disagree, 100=completely agree):

Currently, I think it would be more risky to ride in a self-driving vehicle than in a human-driven vehicle.



End of Block: questions

Start of Block: demographics

gender What is your gender?

- ☐ Male (1)
- ☐ Female (2)
- ☐ Prefer not to disclose (3)
- ☐ Other (please specify) (4)

age What is your age (in years)?

edu What is the highest level of education you have completed?

- ☐ High School or Equivalent (1)
 - ☐ Vocational/Technical School (2 year) (2)
 - ☐ Some College (3)
 - ☐ College Graduate (4 year) (4)
 - ☐ Masters Degree (MS) (5)
 - ☐ Doctoral Degree (PhD) (6)
 - ☐ Professional Degree (MD, JD, etc.) (7)
 - ☐ Other (please specify) (8)
-

End of Block: demographics
