

AI Curse - Video Behavior - Newest Copy

Start of Block: informed_consent

ic 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 about automated vehicles. 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 3 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 5 minutes and using a mouse or keyboard, e.g., eye fatigue. You are free to take breaks throughout the session.

Will I be compensated for participating in this research?

You will be compensated \$0.50 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 disagree (2)

End of Block: informed_consent

Start of Block: Prolific ID



prolific_id What is your Prolific ID?

Please note that this response should auto-fill with the correct ID.

End of Block: Prolific ID

Start of Block: attention_checks

att_1 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)
-

att_2 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: 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: AEON Intro

frame2_info1 AEON is an automobile firm that is planning on introducing a new automated vehicle program in the market. They have named their program: **AEON COPILOT**.

Please answer some questions so that AEON can understand and analyze preferences for automated vehicles and investigate the potential of their automated vehicle program.



End of Block: AEON Intro

Start of Block: Present Instructions

Present_Instructions The following image shows what AEON's new vehicle can recognize from its front-facing camera, made possible by its AEON Copilot technology.

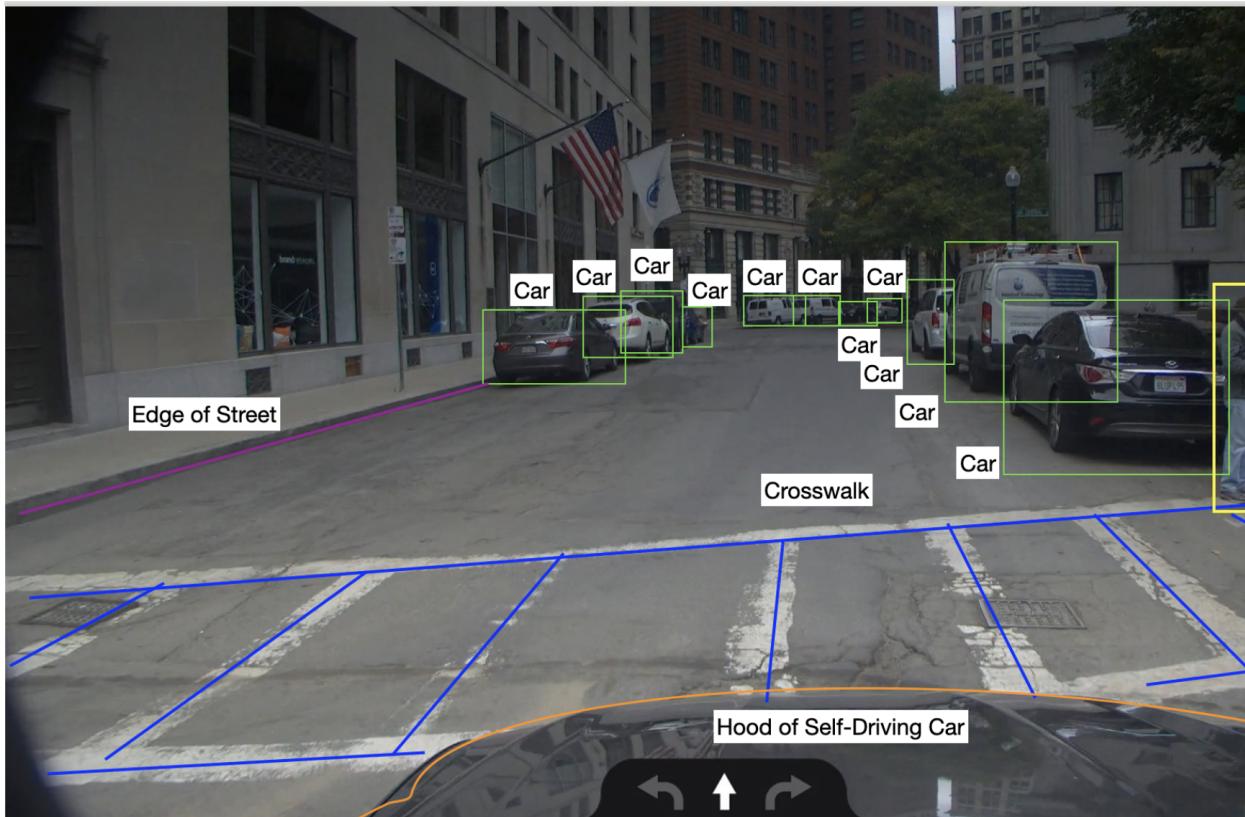
The boxes represent the locations where the AI software thinks people and cars are.

The labels represent what the AI software thinks each box is.

End of Block: Present Instructions

Start of Block: Present_Behaviors

desc Assume you are using AEON's new vehicle.



Please rate the extent to which you agree with the following statements:

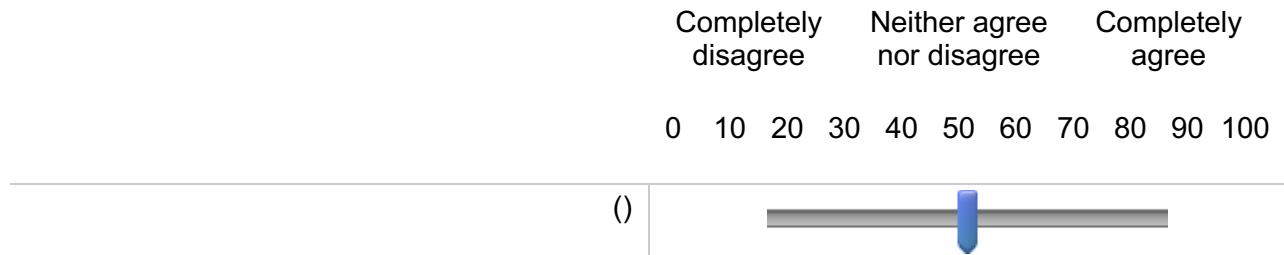
Present_Auto You are willing to allow **Aeon's Copilot** to drive the vehicle autonomously without your direct control.

Completely
disagree Neither agree
nor disagree Completely
agree

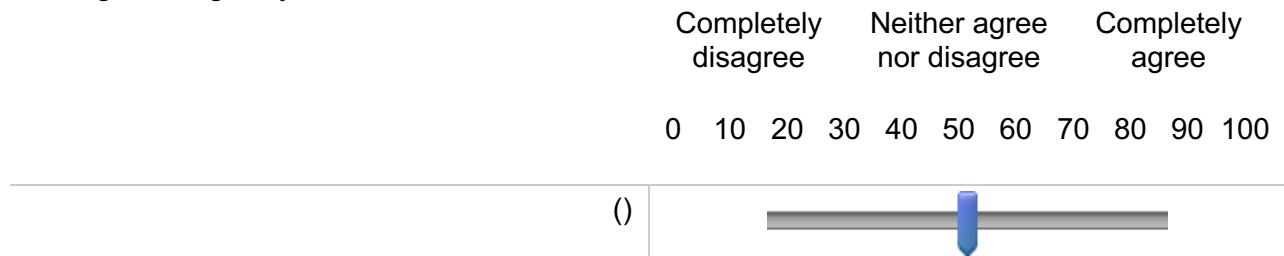
0 10 20 30 40 50 60 70 80 90 100



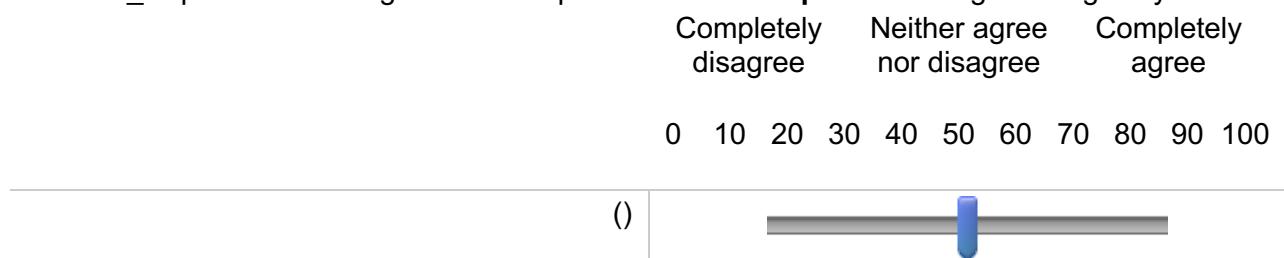
Present_HandsOff You are willing to operate **Aeon's Copilot** completely hands-free while on a highway.



Present_Watch You are willing to watch a video on your smartphone while **Aeon's Copilot** is driving on a highway.



Present_Nap You are willing to take a nap while **Aeon's Copilot** is driving on a highway.



End of Block: Present_Behaviors

Start of Block: Present_take_control

Q190 Now imagine that you are operating Aeon's Copilot while it is switched on.

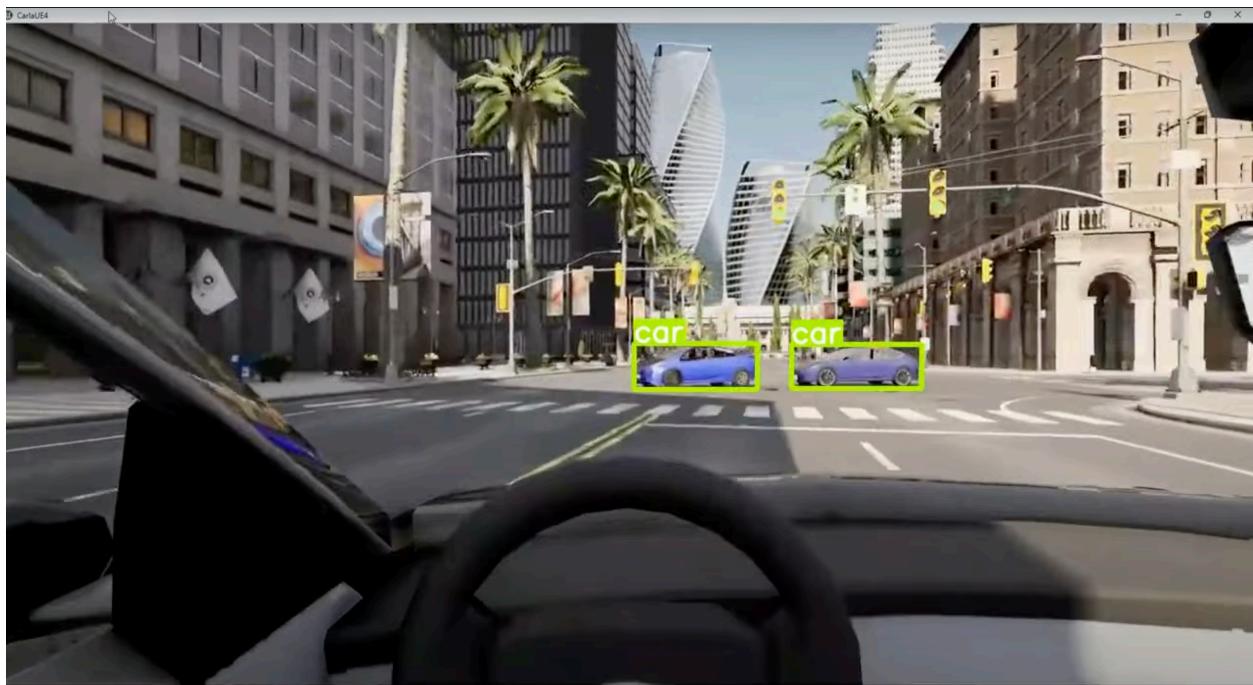
In the large video below, boxes represent locations where the AI software thinks people and

cars are and labels represent what the AI software thinks each box is.

Now, please watch the video below and indicate at what point you would take control of Aeon's Copilot if you were in the driver's seat, by clicking the "Take Control" button below the video. Make sure to place your cursor over the "Take Control" button after activating the video.

JS

Present_video



Q2 Take Control

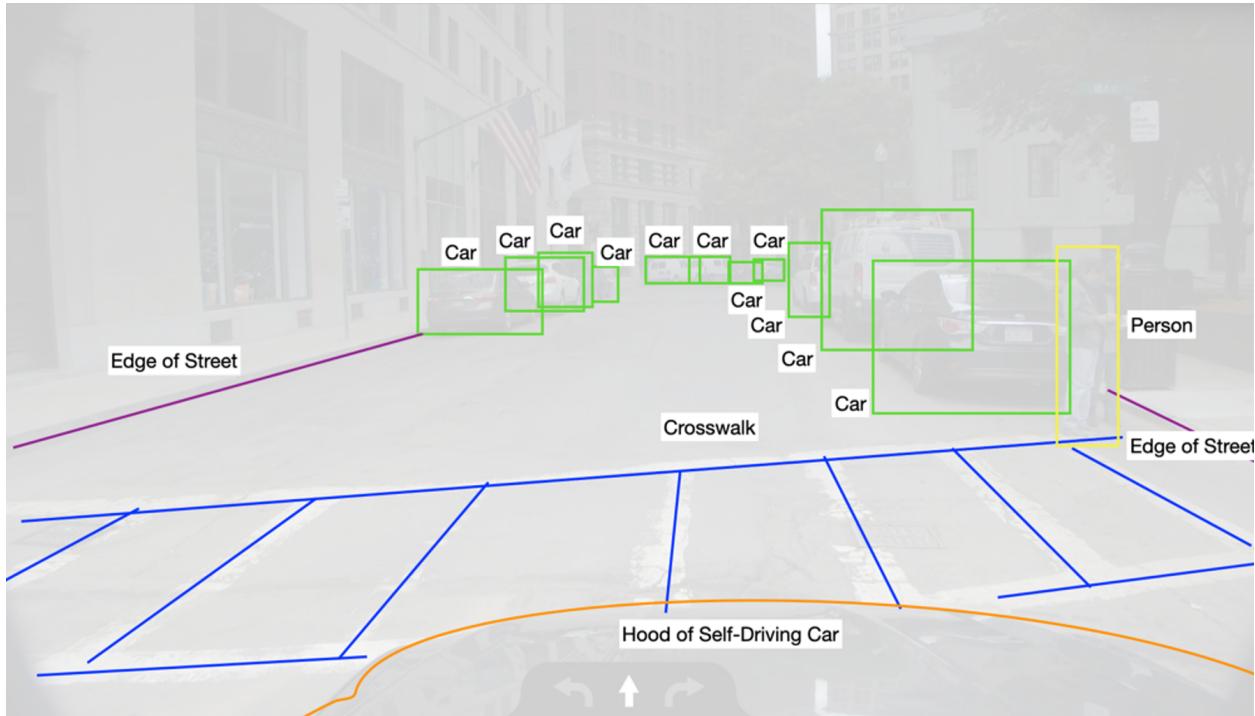
End of Block: Present_take_control

Start of Block: Faded Instructions

Faded_Instructions The following image shows what AEON's new vehicle can recognize from its front-facing camera, made possible by its AEON Copilot technology.

The boxes represent the locations where the AI software thinks people and cars are.

The labels represent what the AI software thinks each box is.



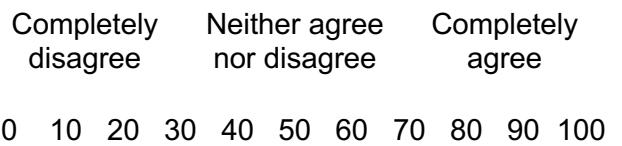
End of Block: Faded Instructions

Start of Block: Faded_Behaviors

desc Assume your are using AEON's new vehicle.

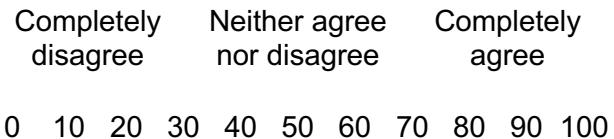
Please rate the extent to which you agree with the following statements:

Faded_Auto You are willing to allow **Aeon's Copilot** to drive the vehicle autonomously without your direct control.

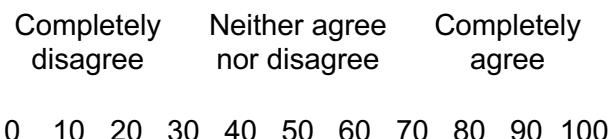




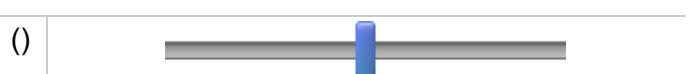
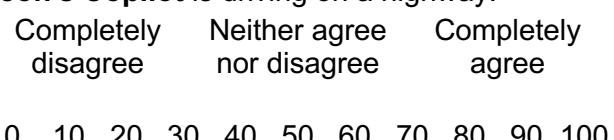
Faded_HandsOff You are willing to operate **Aeon's Copilot** completely hands-free while on a highway.



Faded_Watch You are willing to watch a video on your smartphone while **Aeon's Copilot** is driving on a highway.



Faded_Nap You are willing to take a nap while **Aeon's Copilot** is driving on a highway.



End of Block: Faded_Behaviors

Start of Block: Faded_take_control

Q187 Now imagine that you are operating Aeon's Copilot while it is switched on.

In the large video below, boxes represent locations where the AI software thinks people and cars are and labels represent what the AI software thinks each box is.

Now, please watch the video below and indicate at what point you would take control of Aeon's Copilot if you were in the driver's seat, by clicking the "Take Control" button below the video. Make sure to place your cursor over the "Take Control" button after activating the video.

JS

Q188

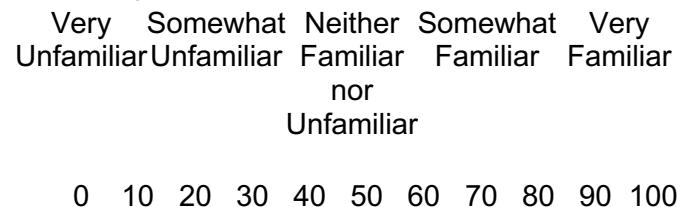


Q189 Take Control

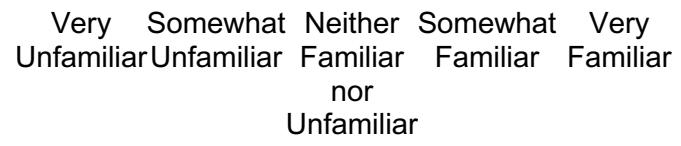
End of Block: Faded_take_control

Start of Block: demographics

AI_Familiarity How familiar are you with artificial intelligence?



Visual_Familiarity How familiar are you with explainable AI visual annotations?



license Do you have a driving license?

- Yes (1)
 - No (2)

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)?

education Please indicate the highest level of education 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)
-

income Think of this ladder as representing where people stand in the United States. At the top of the ladder are the people who have the most money, most education, and most respected jobs. At the bottom are the people who have the least money, least education,

and least respected jobs or no job. The higher up you are on this ladder, the closer you are to the people at the very top, and the lower you are, the closer you are to the people at the very bottom.

Where would you place yourself on this ladder? Please select the rung where you think you stand at this time in your life, relative to other people in the United States.

- Rung 10 (Top Rung) (1)
- Rung 9 (8)
- Rung 8 (9)
- Rung 7 (10)
- Rung 6 (11)
- Rung 5 (12)
- Rung 4 (13)
- Rung 3 (14)
- Rung 2 (15)
- Rung 1 (Bottom Rung) (16)

End of Block: demographics
