Participant Information Sheet

<table>
<thead>
<tr>
<th>Project title:</th>
<th>Understanding how people explain the behaviour of autonomous vehicles</th>
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<tr>
<td>Principal investigator:</td>
<td>Stefano Albrecht</td>
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<td>Researcher collecting data:</td>
<td>Balint Gyevnar</td>
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<td>Funder (if applicable):</td>
<td>UKRI</td>
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This study was certified according to the Informatics Research Ethics Process, reference number 282628. Please take time to read the following information carefully. You should keep this page for your records.

Who are the researchers?


What is the purpose of the study?

This project aims to understand the kinds of explanations people tend to give, and prefer to receive, regarding the driving behaviour of autonomous vehicles (self-driving cars) in complex simulated scenarios. We are interested in how people perceive different kinds of natural language explanations and how these different explanations affect people’s understanding about how vehicles will behave.

As part of this project, we aim to create and publish an anonymised dataset of natural language explanations about interesting and challenging driving scenarios, and hope to gain a better understanding of how and when people require explanations about autonomous driving.

Why have I been asked to take part?

We are interested in how people from diverse backgrounds, both with and without driving experience, formulate and think about explanations of vehicle behaviour.

Do I have to take part?

No – participation in this study is entirely up to you. You can withdraw from the study at any time, without giving a reason. Your rights will not be affected. If you wish to
withdraw, contact the lead researcher as indicated below. We will stop using your data in any publications or presentations submitted after you have withdrawn consent. However, we will keep copies of your original consent, and of your withdrawal request.

**What will happen if I decide to take part?**

You will be asked to generate or evaluate explanations of the behaviour of a vehicle. This may include writing some text or making judgments about explanations that other people or AI systems have provided, sometimes involving videos of driving situations. You may also be asked some demographic questions, for example about your age and educational experience. No audio or video will be recorded.

The experiment is expected to take around 30 minutes.

**Compensation**

You will be paid £11 per hour (pro rata) for your participation in this study.

**Are there any risks associated with taking part?**

There are no significant risks associated with participation.

**Are there any benefits associated with taking part?**

You will be financially compensated £11 per hour (pro rata).

**What will happen to the results of this study?**

The results of this study may be summarised in published articles, reports and presentations. Quotes or key findings will be anonymized: We will remove any information that could, in our assessment, allow anyone to identify you. Any personal or sensitive information in free text responses will be removed. With your consent, information can also be used for future research, and we will publish your anonymised experimental data as part of a publicly available dataset. Your data may be archived for a minimum of 2 years.

**Data protection and confidentiality.**

Your data will be processed in accordance with Data Protection Law. Any personal or sensitive information collected about you will be kept strictly confidential. Your
data will be referred to by a unique participant number rather than by name. Any personal or sensitive data will only be viewed by the research team as indicated above.

All electronic data containing any personal or sensitive information will be stored on a password-protected encrypted computer, on the School of Informatics’ secure file servers, or on the University’s secure encrypted cloud storage services (DataShare, ownCloud, or Sharepoint).

**What are my data protection rights?**
The University of Edinburgh is a Data Controller for the information you provide. You have the right to access information held about you. Your right of access can be exercised in accordance Data Protection Law. You also have other rights including rights of correction, erasure and objection. For more details, including the right to lodge a complaint with the Information Commissioner’s Office, please visit [www.ico.org.uk](http://www.ico.org.uk). Questions, comments and requests about your personal data can also be sent to the University Data Protection Officer at [dpo@ed.ac.uk](mailto:dpo@ed.ac.uk).

For general information about how we use your data, go to: [edin.ac/privacy-research](http://edin.ac/privacy-research)

**Who can I contact?**
If you have any further questions about the study, please contact the lead researcher, Balint Gyevnar via email at balint.gyevnar@ed.ac.uk.
If you wish to make a complaint about the study, please contact [inf-ethics@inf.ed.ac.uk](mailto:inf-ethics@inf.ed.ac.uk). When you contact us, please provide the study title and detail the nature of your complaint.

**Updated information.**
If the research project changes in any way, an updated Participant Information Sheet will be made available on [http://web.inf.ed.ac.uk/infweb/research/study-updates](http://web.inf.ed.ac.uk/infweb/research/study-updates).

**Consent**
By proceeding with the study, I agree to all of the following statements:
- I have read and understood the above information.
- I understand that my participation is voluntary, and I can withdraw at any time.
• I consent to my anonymised data being used in academic publications, presentations, and included in a public dataset.
• I allow my data to be used in future ethically approved research.