

Driver Behaviour Analysis

Invitation to Participate

You are being invited to take part in a research study. Before you decide, it is important for you to understand why the research is being done and what it will involve. Please take time to read the following information carefully and discuss it with others if you wish. If anything is not clear to you or you would like more information, please ask.

Why is this study being done?

This study aims to analyze driver behaviour using multiple data sources to decrease accident rates and improve road safety.

What will I be asked to do in the study?

You will be asked to wear smartwatches and turn on the dash camera during your everyday daily driving. Please do not use your smartwatch while driving, unless you have hands-free access, you must stay in full control of your vehicle at all times. The study contains only the minimum risks drivers may be exposed to during everyday driving.

How long will I be in this Study?

You will participate at this study for three months. You can quit at any time without giving a reason.

How will my data be recorded and analysed?

The data will be collected using three data collection tools: 1) *ODB-II plug-in* devices that collect telematics data, and will be used to detect driving behaviour, 2) *Dash cameras* will help detect objects on the road that may cause driver distraction, 3) *Smartwatches* that will collect drivers' physiological data and will be used to analyse the physiological driver state, such as stress, fatigue and drowsiness.

How will my data be used?

Your data will be collated together with all the participants' data, and subject to analysis. These results will then be analysed and reported in further research papers.

The data will be collected for the purpose of this research and any future related research, but it will remain anonymous.

Will my data be anonymous?

All personal data will be anonymised and coded when the data are collected/obtained, in such a way that the data will not be identifiable or linked to the participant in any way. Your data will be preserved and made available in anonymised form

What happens if I want to withdraw?

If you decide to take part in the study, you can quit at any time without giving a reason. There will be no penalty to you for your decision.

If I am not happy, to whom do I complain?

Firstly, the researcher at Durham University (Hanadi Alhamdan), and then to the supervisor of the project (Dr. Dorothy Monekosso).

- Hanadi Alhamdan (PhD student) - hanadi.a.alhamdan@durham.ac.uk
- Prof Dorothy Monekosso (supervisor) - dorothy.monekosso@durham.ac.uk

