

Online studies in learning and decision-making: Information and consent

Ecological Momentary Assessment of Motivation

Who is conducting this research study?

This research is being conducted by the Wellcome Centre for Human Neuroimaging and the Max Planck UCL Centre for Computational Psychiatry and Ageing Research. The researcher for this project is Samuel Hewitt, PhD student (s.hewitt.17@ucl.ac.uk). The Principal Investigator of this project is Dr Tobias Hauser, Principal Research Fellow. This study has been approved by the UCL Research Ethics Committee (project ID number 15301-001) and funded by the Wellcome Trust.

What is the purpose of this study?

We are interested in how the adult brain controls learning and decision-making. This research aims to provide insights into how the healthy brain works to help us understand the causes of a number of different medical conditions.

Who can participate in the study?

- People aged 18-50 years old.
- People who do not have and have never had a neurological or psychiatric disorder or any other chronic health condition.
- People who have a smartphone.

What will happen to me if I take part?

You will play one mobile game, which will last around 8 minutes. You will receive between £4.20 and £6.20 for helping us. The amount can vary with the decisions you make in the games.

You will also be asked some questions about yourself, your feelings, background, attitudes and behaviour in your everyday life. requirements are that you are an adult (aged 18 or older) and speak fluent English. This is because We would like to understand how learning and decision-making change with time. After you complete this experiment we will invite you to participate again once at the same time on the following day. You will be compensated after completion of each session with £2.10 + up to £1 bonus and if you participate in all of the sessions you will receive a total of £4.20 + up to £2 bonus.

Remember, you are free to withdraw at any time without giving a reason.

What are the possible disadvantages and risks of taking part?

The task will you complete does not pose any known risks. You will be asked to answer some questions about mood and feelings, and we will provide information about ways to seek help should you feel affected by the issues raised by these questions.

- [Mind Charity](#)
- [The Samaritans](#)
- [NHS Choices mental health page](#)

What are the possible benefits of taking part?

While there are no immediate benefits to taking part, your participation in this research will help us understand how people make decisions and this could have benefits for our understanding of mental health problems.

Complaints

If you wish to complain or have any concerns about any aspect of the way you have been approached or treated by members of staff, then the research UCL complaints mechanisms are available to you. In the first instance, please talk to the researcher or the chief investigator (Dr Tobias Hauser, t.hauser@ucl.ac.uk) about your complaint. If you feel that the complaint has not been resolved satisfactorily, please contact the chair of the UCL Research Ethics Committee (ethics@ucl.ac.uk).

If you are concerned about how your personal data are being processed please contact the data controller who is UCL: protection@ucl.ac.uk. If you remain unsatisfied, you may wish to contact the Information Commissioner's Office (ICO). Contact details, and details of data subject rights, are available on the ICO website at: <https://ico.org.uk/for-organisations/data-protection-reform/overview-of-the-gdpr/individuals-rights>

What about my data?

To help future research and make the best use of the research data you have given us (such as answers to questionnaires) we may keep your research data indefinitely and share these. The data we collect will be shared and held as follows:

- In publications, your data will be anonymised, so you cannot be identified.
- In public databases, your data will be anonymised or pseudonymised (your personal details will be removed and a code used e.g. 00001232, instead of your User ID)
- Personal data is any information that could be used to identify you, such as your User ID. This will be held securely at UCL and will never be shared. If you participate in other research studies from our group, your user ID may be used to link your data between the two research

studies. Your personal data will be deleted or destroyed as soon as it is deemed redundant.

The legal basis used to process your personal data will be the provision of public task (this means that the research you are taking part in is deemed to be in the public interest). We will follow the UCL and legal guidelines to safeguard your data.

If you change your mind and withdraw your consent to participate in this study you can contact us via [relevant platform]. If you wish, we will delete your data. **However, anonymised or pseudonymised data, processed data and research results already shared with other investigators or the general public cannot be destroyed, withdrawn or recalled.**

If there are any queries or concerns please do not hesitate to contact: Samuel Hewitt (s.hewitt.17@ucl.ac.uk).

If you are happy to proceed please read the statements below and click the boxes to show that you consent to this study proceeding.

- I have read the information above, and understand what the study involves.
- I consent to the processing of my personal information (e.g. User ID) for the purposes of this research study and to link studies within this lab. I understand that such information will remain confidential and will be handled in accordance with all applicable data protection legislation and ethical standards in research. These data will only be accessible to the study team and individuals from the University and Funder who are responsible for monitoring and audits.
- I understand that my anonymised/pseudonymised personal data can be shared with others for future research, shared in public databases and in scientific reports.
- I understand that I am free to withdraw from this study at any time without giving a reason and this will not affect my future medical care or legal rights.
- I understand the potential benefits and risks of participating, the support available to me should I become distressed during the research, and who to contact if I wish to lodge a complaint.
- I understand the inclusion and exclusion criteria in the Information Sheet and as explained to me by the researcher. I confirm that I do not fall under the exclusion criteria.
- I agree that the research project named above has been explained to me to my satisfaction and I agree to take part in this study

[tick box options provided:

If boxes unchecked: Unfortunately you will be unable to participate in this research study. Thank you for your time.

If 'yes' selected: Progress to the experiment]