Pre-experiment Information

Understanding the neural basis of recognition

Researcher:

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This experiment is one part of a project examining the factors that drive the recognition of objects in our everyday lives.

In this experiment, on each trial you will be shown a photograph of an inanimate object. Your task is to make a decision about that object, using the mouse to respond. While you do this experiment, your speed and accuracy will be recorded. Over time, sitting in the same position may cause some discomfort (such as anxiety or a headache). If this happens, please tell the experimenter, and the experiment will be terminated.

Once the experiment begins, you can choose to withdraw from the experiment at any time, without explanation or penalty. If you decide to withdraw from the experiment, please tell the experimenter, and the experiment will be terminated.

All data collected will be de-identified. Initially data will be stored on password protected computers. Any data contributing to a subsequent publication will be made available to the public via UQ eSpace

Once you begin, the experiment will take approximately 45 minutes to complete.

This study adheres to the Guidelines of the ethical review process of The University of Queensland and the National Statement on Ethical Conduct in Human Research. You are free to discuss your participation in this study with project staff (Dr. Jessica Taubert, contactable on +617 3365 7181), and if you would like to speak to an officer of the University not involved in the study, you may contact the Ethics Coordinators on +617 3365 3924 / +617 3443 1656 or email humanethics@research.ug.edu.au

If you have not understood any of the preceding information, please tell the experimenter and they will explain. If you have read and understood all of this information, please click on the proceed button below.

< Proceed >

- I have read all the proceeding information for Participants in this study, and any questions I had have been answered to my satisfaction.
- I agree to participate in this study, with the understanding that:
 - My participation is voluntary
 - My contribution is anonymous
 - Information concerning my identity will not be collected, and
 - I may withdraw at any time without penalty or explanation
 - I agree that the anonymous research data collected for the study may be published, or presented at conferences at a later date.
 - In preservation of anonymity, I understand that no name or signature is required of me to give consent. By activating the **proceed** button below I am agreeing to the above and to participate in this study.

< Proceed >

Debrief Information

The experiment you just participated in examines how the human brain recognises objects, and how to respond to them.

By analysing how quickly and accurately you decided to assigned objects to the rubbish or recycling bin, we hope to detect the objects that cause systematic errors. Our goal is to use your data in publications reporting the results of this experiment. This will be deidentified, and not traceable to you in any way.

If you wish to receive information about the outcome of this study, please email Dr. Jessica Taubert <u>i.taubert@uq.edu.au</u> with your request.

If you have not understood any of this information, please tell the experimenter, and they will clarify.

Have you read and understood this information (Yes / No)