



Study Information and Statement of Informed Consent for Adult Participants

Thank you for participating in our study HumanEval_v2. Please read the following text attentively and without rush. If you have any questions, please feel free to contact us via Prolific or e-mail (Frieda Born; born@mpib-berlin.mpg.de). You can give your consent to participate in our study by ticking the box "*I consent*" in our Qualtrics survey. The study will fully run in your browser. Please indicate "*I do not consent*" if you do not wish to participate in our study.

Aim of the study

The purpose of this experiment is to understand how people process information and make decisions.

1. Procedure and content of the study

In each trial of our task, you will see two object images presented side by side in your browser window. These images show different things (e.g., animals, tools). We will ask you to rate how semantically related the two images are. You should focus your judgement on the whole image shown. If you do not recognize what is shown to you in one of the images, simply base your judgement on your best guess at what the image might show. You will be asked to enter your response via a slider, and we would appreciate it if you could respond accurately and as fast as possible. You will be asked to do this task repeatedly, with different images.

Before the experiment begins, you will be asked to answer two questions indicating your age and gender, afterwards you will receive detailed instructions and you will be given the opportunity to practice the task. Participation in the study is restricted to computer users (no mobile phones or tablets), and the screen size must be at least 13 inches. The experiment will work with Chrome, Firefox, and Safari. Please note that you must remain in full-screen mode throughout the experiment. We cannot guarantee compensation if you exit full-screen mode or if the task ends due to technical issues on your side.

The experiment will take you about 45 minutes. There will be two opportunities to take a short break, after approximately 15 minutes and after approximately 25-30 minutes. In addition, you can go through the instructions at your own pace (even repeatedly) and take breaks if necessary. At random points in the experiment, there might be very easy control questions. If you answer incorrectly to more than 50% of these questions, the experiment will be terminated and you will not receive any payment. These questions are to ensure that you are paying attention and following the instructions.

After the experiment is complete, the experimenters will be available to answer your questions via their Prolific Academic Account. The data is anonymous and will be handled in compliance with ethics (more info in *Section 2*).

Your Prolific ID will be stored separately from your experimental data. The Prolific ID only serves the purpose of knowing which participants receive the payments and will be removed once data collection is completed. Please be patient whilst the experiment is initialized. It can take a few minutes, thank you.

2. What will happen to the information and data collected?

This study is a project of the research Group [Adaptive Memory and Decision Making](#) (AMD), at the Max Planck Institute (MPI) for Human Development. The data collected will be used for research purposes only. During data collection, your Prolific ID and consent to study participation will be stored password-protected on servers of the survey software (Qualtrics). Your responses in the experiment and information about age and gender will be stored password-protected on the internal servers of the MPI. We will not ask for or have access to any information that can reveal your identity.

Your Prolific ID is used solely to remunerate you for your study participation. Therefore, any information that could identify you will not be available to us or requested. During data analysis, your Prolific ID will be stored separately from the study data. The study data will be stored under an individual code number preventing it from being linked to your Prolific ID (or you). The code number is stored on a separate code list in a secure location, and can only be accessed by a limited number of individuals working on the project. Upon remuneration, we will delete the code list and it will no longer be possible to link study data to your Prolific ID.

The study data (not your Prolific ID) may be shared with cooperation partners for collaborative analysis. The study data may also be made publicly accessible, e.g. via research databases or scientific publications (typically via the Internet). The study data may also be used for new research questions going beyond the purposes of this particular study. Please note that once study data are publicly accessible, its further distribution by others cannot be ruled out, and that this is beyond the area of influence or responsibility of the MPI for Human Development. Therefore, as a matter of principle, study data are only transferred or made publicly accessible without personal contact data or Prolific ID.

3. Participation is voluntary

This study is voluntary. You may withdraw from the study at any time. **If you withdraw, we will, if possible, compensate you proportionally for the time you spent in the experiment. This will not impact your Prolific score or your eligibility to participate in additional studies on Prolific.** You may also withdraw your consent to data processing and usage at any time. To do this, please contact Frieda Born, Email: born@mpib-berlin.mpg.de.

Please note that once the code list has been deleted (see *Section 2*), it is no longer possible to identify your study data.

4. Consent

This document has informed you about participation in the study HumanEval_v2. The experiment will take about 45 min. For participating in this study, we will reimburse you with 9 € plus a possible bonus of 1 €. If you withdraw your submission, you will not get paid.

If you give your consent to participate in our study and follow the link that redirects you to the experiment, you consent to the following:

I have read and understood the conditions outlined above and had the opportunity to clarify open questions.

I consent to participate in the study and agree to the collection, storage, and use of my data as described above.

I consent to be contacted for follow-up questions regarding the study by Frieda Born through your Prolific Academic Account or via e-mail in the range of five years.

**I consent to be contacted for further studies based on the data collected in this study.
Any participation in further studies is voluntary.**