

## **An investigation into language processing**

### *Information on the research project for participants*

We would like to invite you to participate in this research project. You should only participate if you want to; choosing not to take part will not disadvantage you in any way. Before you decide whether you want to take part, it is important for you to read the following information carefully and discuss it with others if you wish. Please contact the researchers by email if anything is not clear, if you have questions, or if you would like more information about the study. You can also contact the researchers with any queries or concerns related to this study after completion.

The purpose of the research is to better understand the processing of language. You will sit in front of the computer and we will ask you to read sentences and perform a comprehension task (which will be described to you in further detail). The experiment will last between 5 and 20 minutes.

### **Who can participate in this study?**

#### *Exclusion criteria:*

- Hearing impairment
- Language impairment
- Speech impairment

#### *Inclusion criteria:*

- Age 18-50 years
- Native English speaker
- Normal or Corrected-to-normal vision

### *Personal data contained in the consent form*

The personal data (age, gender, level of education, and contact information) gathered from the consent form will give us the opportunity to understand more about our participants. The contact information shall give us the opportunity to contact you if need be. Whereas the age, gender, and level of education of our participants shall allow us to accurately make comparisons between participants with different attributes.

### *Archiving of data*

Whilst your data will be provided anonymously, at the point of data collection, your responses in the survey could, theoretically, be linked back to you via your Prolific ID.

This is collected to enable your payment. After we have used the data for this purpose, this information will be deleted from the datafile. The data will subsequently be stored anonymously, such that your individual responses will not be traceable back to you. Anonymous datafiles will be shared online in accordance with open-science practices. If you do not consent to de-identified data being shared, please close your browser window and do not submit.

After this date, they will be archived in accordance with Article 5 of the RGPD, which stipulates that they may be archived for scientific research purposes. No data will be archived outside the European Union.

### *Withdrawal of data*

Even after agreeing to take part, you can still withdraw at any time in accordance with the French Data Protection Act (<https://www.cnil.fr/fr/la-loi-informatique-et-libertes>, provisions of Regulation (EU) 2016/679 of 27 April 2016). Participants may request at any time to stop their participation, without giving a reason, or simply by closing their browsers.

If, after having contacted us, you believe that your data protection rights have not been respected, you have the possibility to file a complaint online with the CNIL (<https://www.cnil.fr>).

### *Presentation of scientific results*

The presentation of this research will not contain any personal information which would allow for one to identify our participants. Anonymity shall be kept in accordance with open-science practices.

### **Primary researchers:**

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### **Managed by:**

The Université de Paris, Bât. Olympe de Gouges, 5ème étage. 8, Rue Albert Einstein 75013 Paris 75013 Paris, in collaboration with the Labex Empirical Foundations of Linguistics (EFL) UMR 7110 CNRS et Université Paris-Diderot

**Consent form**

I have been informed about the planned investigation for the project. I have read and understood the participation information sheet for the above project. I feel physically able to take part in the study. My participation in the study is voluntary. There are no disadvantages for me if I do not participate in the study. It is clear to me that I can cancel the study at any time without any disadvantages.

After completing the participation and submitting the survey responses, it is no longer possible to withdraw this consent because the researchers cannot assign my responses to my own person. My survey data is only processed for the above-mentioned study and for no other purpose. The data will only be passed on to third parties for publication in a scientific journal in completely anonymous form. My original data will be archived after completion of the project in 2025.

I have read the Participant Information Sheet, I feel well-informed and understand what was stated in the Participant Information Sheet. I have had enough time to make my decision and received an electronic copy of this declaration of consent and the subject's information sheet about the research project. I agree that my data will be processed as described in the Participant Information Sheet and that the individual data sets (demographic information such as age and gender as well as the experimentally collected data) will be linked.

I hereby declare that I am over 18 years old. By clicking on 'continue' I voluntarily agree to participate in the planned investigation and give consent for my personal data to be processed until the end date of the project, approx. 31.08.2025

Best regards,

A handwritten signature in black ink, appearing to read 'NJG', written in a cursive style.

Nicholas Griffen

Graduate Researcher