

School of Psychology  
University of New South Wales



Forensic Data Science Laboratory  
Aston University



Instituto de Lingüística y Literatura  
Universidad Austral de Chile



Universidad Austral de Chile  
*Conocimiento y Naturaleza*

## **PARTICIPANT INFORMATION STATEMENT AND CONSENT FORM**

**Speaker identification in courtroom contexts:**

**Speaker identification by individual listeners**

### **1 What is the research study about?**

You are invited to take part in this research study. The research study aims to examine the accuracy of speaker identification by human listeners. You have been invited because you expressed interest in participating in this research through Prolific.

### **2 Who is conducting this research?**

The study is being carried out by the following researchers: Associate Prof. Kristy Martire and Dr. Agnes Bali from the UNSW School of Psychology; Associate Prof. Geoffrey Stewart Morrison, Dr. Nabanita Basu, and Dr. Philip Weber from the Forensic Data Science Laboratory at Aston University; and Dr. Claudia Rosas-Aguilar from the Instituto de Lingüística y Literatura at the Universidad Austral de Chile.

**Research Funder:** This research is being funded by Research England.

### **3 Inclusion/Exclusion Criteria**

Before you decide to participate in this research study, you should meet the following criteria:

- Are 18 years of age or older
- Are a fluent speaker of English
- Are a current resident of the United States or Canada
- Have lived for at least 4 years in the United States or Canada or are a citizen of the United States or Canada
- Have completed an undergraduate degree
- Do not have a diagnosed hearing loss

### **4 Do I have to take part in this research study?**

Participation in this research study is voluntary. If you do not want to take part, you do not have to. If you decide to take part and later change your mind, you are free to withdraw from the study at any stage before submitting your responses (See Item 11).

### **5 What does participation in this research require, and are there any risks involved?**

If you decide to take part in the research study, we will ask you to listen to pairs of voice recordings and indicate whether you think the recordings were spoken by the same speaker or by different speakers. We will also ask you to provide some general demographic information (for some of the questions you can answer “prefer not to say”). Please note that the software used in this study is optimized for larger screens (e.g., desktops, laptops, and tablets) and is not suitable for use on a smartphone.

We don't expect this research to cause any harm. However you may answer

demographic questions with “prefer not to say” or discontinue your participation if you do not wish to proceed. Please let the researchers know if you need any assistance for any reason.

## **6 Total participation time**

Participation in this study is expected to require no more than 2 hours in total. This will include listening to pairs of voice recordings and submitting your judgements about them. The study can be completed either in one sitting or with breaks. Please ensure you complete the study within 7 days of first starting, as any “in-progress” attempts will expire after 7 days without recompense.

## **7 Recompense to participants**

You will receive GBP 21 as recompense for your participation. You will be paid via Prolific within 7 days of submitting your responses.

## **8 What are the possible benefits to participation?**

We cannot promise that you will receive any benefits from this study, but we hope to use the findings from this study to learn about human speaker identification performance for the purpose of informing decision-making during trials.

## **9 What will happen to information about me?**

The information that you give us will be kept for a minimum of 5 years after the project’s completion. All the information that we have collected will be stored on secure private servers and computers of Aston University and will be made publicly available online for research purposes. You will not be providing us with any identifiable information so your responses can never be linked to you.

## **10 How and when will I find out what the results of the research study are?**

The research team intend to publish and report the results of the research study in a

variety of ways. All information published will be done in a way that will not identify you. Publication of the results will be announced at, and be accessible via, <http://speaker-recognition-by-humans.forensic-voice-comparison.net/>

## **11 What if I want to withdraw from the research study?**

If you do consent to participate, you may withdraw at any time before submitting your responses. A “submit” button will appear after you have responded to the final pair of recordings. You can withdraw by closing your browser at any time before pressing the “submit” button. If you do not press the “submit” button within 7 days of starting the experiment, you will be withdrawn. If you withdraw from the research, we will delete any information that has already been collected. Once you have submitted your responses, however, we will not be able to withdraw your responses as they are anonymous.

Your decision not to participate or to withdraw from the study will not affect your relationship with UNSW Sydney, Aston University, or Universidad Austral de Chile.

## **12 What should I do if I have further questions about my involvement in the research study?**

If you require further information regarding this study or if you have any problems that may be related to your involvement in the study, you can contact the following member/s of the research team:

### **Research Team Contact Details**

Chief Investigator: A/Prof. Kristy Martire

Position: Associate Professor in the UNSW School of Psychology

Telephone: +61 2 9385 8563

e-mail: [k.martire@unsw.edu.au](mailto:k.martire@unsw.edu.au)

Investigator: Dr. Agnes Bali

Position: Research Assistant in the UNSW School of Psychology  
e-mail: agnes.bali@unsw.edu.au

### **What if I have a complaint or any concerns about the research study?**

If you have a complaint regarding any aspect of the study or the way it is being conducted, please contact the UNSW Human Ethics Coordinator:

### **Complaints Contact**

Position: UNSW Human Research Ethics Coordinator  
Telephone: +61 2 9385 6222  
e-mail: humanethics@unsw.edu.au  
HC Reference Number: 3589

## **Consent Form – Participant providing own consent**

### **Declaration by the participant**

- I understand I am being asked to provide consent to participate in this research study.
- I have read the Participant Information Sheet or someone has read it to me in a language that I understand.
- I understand the purposes, study tasks and risks of the research described in the study.
- I provide my consent for the information collected about me to be used for the purpose of this research study only.
- I have been given contact details of the researchers to enable me to ask questions about my participation.
- I freely agree to participate in this research study as described and understand that I am free to withdraw at any time during the study and withdrawal will not affect my relationship with any of the named organisations and/or research team members.

**I consent to participate in this research.**

YES

NO