



CONSENT TO PARTICIPATE IN RESEARCH

Perception of Artificial Intelligence Voices

Key Information

- You are being invited to participate in a research study. Participation in research is completely voluntary.
- The purpose of the study is to examine how listeners perceive A.I.-generated voices.
- The study will take around 30 minutes
- You will be asked to listen to voices and select your impressions of each voice's dialect, race, age, gender, and personality.
- You will be asked to enter demographic information about yourself such as your age-group, race, or any hearing disabilities or neurodivergence.
- Risks may include discomfort from judging A.I. voices.
- There is no direct benefit to you for completing this study.
- If all survey questions are completed in full, you will be compensated \$12/hr for your time.

Introduction: My name is Noah Khaloo, and my research colleagues are Professor Nicole Holliday and Professor Sarah Creel. I am a graduate student at the University of California, San Diego in the Department of Linguistics, and my colleagues are professors in the Department of Linguistics at University of California, Berkeley and the department of Cognitive Science at University of California, San Diego. We are planning to conduct a research study, which I invite you to take part in. You are being invited to participate in this study because you have signed up for the Prolific participant pool or have expressed interest in participating in the study.

Purpose: The purpose of this study is to better understand how voices generated by artificial intelligence are perceived by listeners, and how these perceptions differ by the voice's dialectal patterns and listener demographics. About 150 people will take part in this study, who are native speakers of American English and come from a variety of regional, gender, or racial backgrounds. The study will take place entirely online.

Procedures: If you agree to be in this study, you will be asked to do the following: Confirm that you can listen to audio on your electronic device through a screening question. Listen to 80 audio clips from various A.I. voices. Select personality traits, regional dialect characteristics, race-based dialect characteristics, and gender characteristics of the voice. After all voices have been judged, you will fill out a demographic questionnaire about your age group, gender, race, region growing up, speech or hearing disabilities, neurodivergence, and attitudes about A.I.

Study time: Your study participation will take a total of *approximately* 30 minutes.

Benefits: There will be no direct benefit to you from participating in this study. However, it is hoped that the information gained from the study will help linguists, social scientists, and A.I. scientists better understand how A.I.-generated voices are perceived and judged by listeners.

Risks/Discomforts

- You will be asked to give your impressions on the perceived location, gender, and race of A.I. voices, which may make participants feel uncomfortable.

- **Breach of confidentiality:** As with all research, there is a chance that confidentiality could be compromised; however, we are taking precautions to minimize this risk. We will be recording your name for compensation purposes, after which your name will be deleted from our stored dataset. Aside from your name, which will be used for compensation purposes only, we will not be gathering any other information that would make you personally identifiable. After the study has been conducted, data will be stored on a password-protected encrypted data-storage server.

Confidentiality

- Your study data will be handled as confidentially as possible. If results of this study are published or presented, individual names and other personally identifiable information will not be used.

Your personal information may be released if required by law. Authorized representatives from the following organizations may review your research data for purposes such as monitoring or managing the conduct of this study:

- Noah Khaloo, Dr. Nicole Holliday, Dr. Sarah Creel
- University of California
- We will keep your study data as confidential as possible, with the exception of certain information that we must report for legal or ethical reasons, such as child abuse, elder abuse, or intent to hurt yourself or others.
- **Retaining research records:** When the research is completed, I may save the study records for use in future research done by myself or others. The same measures described above will be taken to protect confidentiality of this study data.

Compensation: In return for your time and effort, you will be paid approximately \$12/hr for taking part in this study. Payment is contingent on your completion of the entire survey.

Rights: *Participation in research is completely voluntary.* You have the right to decline to participate or to withdraw at any point in this study.

Questions: If you have any questions or concerns about this study, you may contact Noah Khaloo or Nicole Holliday at nkhaloo@ucsd.edu or nicole.holliday@berkeley.edu

If you have any questions or concerns about your rights and treatment as a research subject, you may contact the office of UC Berkeley's Committee for the Protection of Human Subjects, at 510-642-7461 or subjects@berkeley.edu.

CONSENT

Please save a copy of this consent form to keep. If you wish to participate in this study, please click the agreement of consent in the online experiment.



Noah Khaloo

10/29/2025

Person Obtaining Consent

Date