

Disclosure

We are asking you to participate in a research study.

The following will describe this study to you and provide resources to answer any questions.

This study is being led by Olivia Bahr at the University of Colorado Boulder. This study is not funded.

What the study is about

The purpose of this research is to create a small corpus of vowel data, mostly consisting of and broadly representing the CU Boulder student speaker population, as well as other speakers throughout the United States.

What we will ask you to do

We will ask you to answer a few demographics questions relevant to your language background.

We will ask you to record 6 lists of words on your phone and upload them.

Risks and discomforts

We do not anticipate any risks from participating in this research.

Benefits

There are no expected direct personal benefits for participating in the research.

Information from this study will benefit scientific knowledge by giving future researchers access to a collection of vowel data with demographic information for each speaker.

Incentives for participation

- Participants will receive a personalized vowel plot.
 - o Everyone produces vowels differently, and these differences are qualifiable (and thus plottable). If you provide an email address, you will receive a plot of your personal vowels at a later date.
- Some CU Boulder student participants may receive extra credit.

Audio/Video Recording

You will be asked to submit an audio recording of word lists. These recordings, as well as data extracted from them, will be included in the corpus and made publicly available.

Privacy/Confidentiality/Data Security

Each submission will be assigned a numeric ID which will be associated with the demographics questions and audio recordings. The data along with IDs will be published and publicly available.

Data will never be associated with any direct identifying information such as name, birthday, or IP address.

If an email address is provided (to receive a vowel plot), that email address will be associated with the data submission. At a later date, vowel plots will be sent to all participants who provided an email address, after which point all addresses will be permanently deleted.

Data linking emails to IDs will only be available to the two researchers leading this study, and only until the vowel plots have been sent. It will never be available publicly, nor to future researchers doing analytic work on the data.

We will do our best to keep your participation in this research study confidential to the extent permitted by law; however, it is possible that other people may need to review the research records and may find out about your participation in this study. For example, the following people/groups may check and copy records about this research:

- The Office for Human Research Protections in the U. S. Department of Health and Human Services
- University of Colorado Boulder's Institutional Review Board (a committee that reviews and approves research studies)

Please note that this study is being conducted using *Qualtrics* to collect data.

We anticipate that your participation presents no greater risk than everyday use of the Internet, but we cannot guarantee the data security of third parties.

Please note that email communication is neither private nor secure. Though we are taking precautions to protect your privacy, you should be aware that information sent through e-mail could be read by a third party.

Sharing Data Collected in this Research

Data from this study may be shared with the research community at large to advance science. By current scientific standards and known methods, no one will be able to identify you from the information we share. Despite these measures, we cannot guarantee anonymity of your data.

Taking part is voluntary

All participation is voluntary. You may stop the survey at any point. Your data will only be used if the entire survey is completed.

If you have questions

The main researcher conducting this study is Olivia Bahr, an Undergraduate at the University of Colorado Boulder. If you have questions, you may contact Olivia at olivia.bahr@colorado.edu.

You may contact CU Boulder's Institutional Review Board (IRB) at (303) 735-3702 or irbadmin@colorado.edu if you have questions or concerns such as:

- Your questions, concerns, or complaints are not being answered by the research team.
- You cannot reach the research team.
- You want to talk to someone besides the research.
- You have questions about your rights as a research subject.
- You want to get information or provide input about this research.