Informed consent notice

The full informed consent notice can be found [here](#) (ctrl+click to open in new tab).

In summary, you understand that

- Your participation is voluntary.
- Refusal to participate will involve no penalty or loss of benefits to which you are otherwise entitled.
- You may discontinue participation at any time witout penalty or loss of benefits to which you are otherwise entitled.
- You do not waive any legal rights or release Princeton University or its agents from liability for negligence.
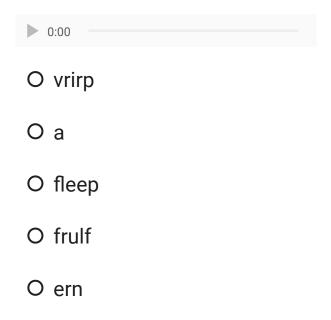- You hereby give your consent to be the subject of this research.

Instructions

Thank you for participating in this usability research. Please answer the 5 audio transcription tasks below, and then 4 brief questions about your age, gender, and education. This survey will take approximately 10 minutes. You must answer all 9 questions for the HIT to be accepted. The submit button will appear at the bottom of this form after you have answered every question.

Question 1

Which syllable is closest to the **2nd** syllable in the audio?

You may replay the audio as many times as necessary.

▶ 0:00 ────────────────

○ vrirp

○ a

○ fleep

○ frulf

○ ern

Question 2

Which syllable is closest to the **4th** syllable in the audio?

You may replay the audio as many times as necessary.

▶ 0:00

○ dnee

○ dnool

○ url

○ fnop

○ pnumd

Question 3

Which syllable is closest to the **2nd** syllable in the audio?

You may replay the audio as many times as necessary.

▶ 0:00

○ gmool

○ u

○ nuwm

○ bloo

○ brok

Question 4

Which syllable is closest to the **3rd** syllable in the audio?

You may replay the audio as many times as necessary.

▶ 0:00 ⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯

○ gral

○ vmaiw

○ trinv

○ ran

○ klot

Question 5

Which syllable is closest to the **5th** syllable in the audio?

You may replay the audio as many times as necessary.

▶ 0:00

○ gnair

○ el

○ fwer

○ maw

○ traid

Age

Please specify your age.

O 18-27 years

O 28-37 years

O 38-47 years

O 48-57 years

O 58-67 years

O >68 years

Gender

Please specify your gender.

O male

O female

O other

Education

Please specify your highest level of education.

○ Did not complete high school

○ High School Diploma/GED

○ Undergraduate Degree

○ Graduate Degree or higher

Fluency

Please specify your fluency in the English language.

○ native speaker or native-like

○ conversational

○ basic

Thank You!

Thank you for taking part in this study. This research will help determine how to best balance security and usability for a novel linguistic CAPTCHA system. We want to explore natural language problems that are easy for humans yet pose difficulty for computers, and this study is helping us do so. Researchers will check the database to verify task completion with your TURK ID in order to approve this HIT after you hit the submit button below.

The submit button will appear below after you have answered every question.