

LEARNING NEW SPEECH SOUNDS

The study investigates different methods used in learning new speech sounds from a foreign language.

To be eligible to participate in the study you should be a native speaker of Czech and should not be a student of phonetics, French or German.

During the experiments you will listen to different speech sounds, try to say them and practice the articulation.

I ask you to participate in two sessions, one week apart. In the first session you will listen to, practice and say four new speech sounds. In the second session you will only listen to and say them. The first session will last 45-60 minutes, the second one 20 minutes. At the second session, you will receive a 400 czk Alza voucher as a compensation for your time.

The following data will be collected during the experiment:

- Your year of birth
- Your native language and foreign languages that you speak
- Your answers in a perception test where you will have to answer what do you hear
- Audio recording of you saying the new speech sounds
- Ultrasound recordings of your tongue when you are saying the new speech sounds

Ultrasound tongue imaging is a safe and noninvasive method used to observe tongue during speech. This is a tried and tested method that has been used in speech research and speech therapy practice for several years.

All the collected data will be anonymized in any future publications, scientific presentations or teaching, and you cannot be recognized from it.