JK309 Audiovisual Listening and Recall

Instructions

In this experiment, you are going to be watching and listening to videos of people saying sentences (talkers) while we record brain waves from your scalp. We are interested in how well we can hear words under different conditions. Your task is to look and listen to the talkers every time a sentence is presented. You will occasionally be asked to type the sentence you heard into the computer with a keyboard.

Sometimes, the talker’s face with be still, other times the talker’s lips will be moving. Please keep your eyes on the lips of the talker and listen carefully to what the talker is saying. The talker’s will not swear or say anything grossly offensive.

After most sentences, once the talker has finished speaking, you will automatically be presented with the next sentence to listen to. However, for some randomly selected sentences, you will be prompted to type in the words you heard. Since you will not know in advance which sentences you will be asked to type in, it is critical that you listen carefully to *every* sentence. Capitalization and punctuation (i.e. question marks, periods and commas) are unnecessary, though please spell each word as best as you can including apostrophes (i.e. *let’s go* not *lets go*). When you have completed your typed response, press Enter.

Sometimes, these sentences will be very difficult to hear because there will be other people talking in the background, and sentences will always have bursts of noise in the background. Please try to ignore the other talkers and the noises in the background and try your best, even when listening is very difficult. Please make your best guess to report words you heard in the order in which you heard them, even when you are unsure. Please DO NOT type “something”, “I don’t know” or “…” to replace words you did not hear.

You will have an opportunity to practice with 2 sentences, and then you will start the main experiment. The main experiment has 9 blocks, and each block will take about 8 minutes to complete. After each block, the talker that you are watching and listening to will change. Between blocks, you will have an opportunity to rest. If you need a break during the experiment, please simply delay pressing enter following your typed response.

The brain wave recording device (EEG) is very sensitive to eye blinks and eye movements, as well as body movements and jaw movements. Please try to keep as comfortable, relaxed and still as possible during the task. This will greatly improve the value of your participation.

Please turn off your cell phone.

Please let the experimenter know if you have any questions at any time.

Thanks again for participating.