

Welcome to the Language and Music experiment!

Instructions

There are 3 task types in this experiment:

Dual Language & Music

Language Only

Music Only

At the start of each block of trials, you will be told which task type will follow.

There are 9 blocks of trials, 3 of each task type.

Dual Language & Music Task

On each trial, you will read a sentence (one word at a time on the screen) while listening to a musical sequence (one chord at a time). It is important to pay close attention to both the sentence and the music, because you will be tested on both sentence and music after each trial.

After each sentence, you will be shown another sentence and you have to decide if it matches the original sentence. To respond “Yes”, press the button to the right (Enter/Return), and to respond “No”, press the button to the left (CapsLock).

After each musical sequence, please rate it based on your feeling of completeness or closure. In other words, how well do you think the ending chords matched the middle and the beginning chords?

Rate the music on a scale from 1 (low/no closure) to 4 (some closure) to 7 (high closure) – using the numbers on the keyboard above the letters. Please make use of the full range of this scale when evaluating your responses (for example, avoid responding only low or only high).

Language Only Task

Like the Dual task, but without the musical sequence. On each trial, you will only see words that make up a sentence, and you will be tested on your sentence comprehension. There will be no musical sequences to rate.

Music Only Task

Like the Dual task, but without the sentences. On each trial, you will only hear a musical sequence, and you will rate your feeling of completeness or closure. There will be no sentence comprehension test.

For both sentence comprehension tests and musical closure ratings, please make sure to respond as accurately and quickly as possible!

You may take a break any time you wish in between trials, or between blocks of trials.

The study is expected to take between 45-75 minutes, depending on how many breaks you choose to take in between trials

Ready for some practice?