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Review of musical training and second language acquisition research

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There is continued research in the world exploring the relationship between second language acquisition and musical training. When measuring the effect of musical tones on speech segmentation, it has found that the behavioral data collected is not statistically different (reaction time and accuracy) but the brain tells a different story. Because neuronal responses are extremely fast, EEG is a good tool to observe rapid cognitive processes. It has the ability to record millisecond responses after a stimulus in contrast to MRI or fMRI that records data in minutes. This paper looks into a study conducted at the neuro-cognition of language lab at Teacher's College, Columbia University on a research to explore, among others, the relationship between musical tones and speech segmentation.

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