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Debriefing for Auditory Cognition: ONLINE STUDY
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In this study we are interested in understanding how the brain processes speech and music and to better understand how the human brain processes various sounds. The sounds you heard were meant to evoke different processing aspects of these features, so that varying responses can tell us if there are meaningful differences between these varying kinds of stimuli. Understanding speech, and the differences between music and speech, are still an open question, but a general theory of these aspects is beginning to be understood. To understand the aspects of speech we are interested in, you may be interested in the review paper, Hickok, G., & Poeppel, D. (2007). The cortical organization of speech perception. Nature Reviews Neuroscience 8: 393-402 --- or Giraud, A. L. and David Poeppel. "Speech Perception from a Neurophysiological Perspective." The Human Auditory Cortex. Ed. D. Poeppel, T. Overath, A.N. Popper, and R.R. Fay. New York: Springer, 2012. 225-60. Topics of interest may include: Music Perception, Neurobiology of Language, or perceptual tuning

For advanced students: Acoustic and temporal properties of the auditory stimuli have been parametrically varied so that we can perform various statistical tests, including t-tests, ANOVAs and other appropriate tests of difference or trends between groups.

I feel that I have been adequately debriefed about the nature of the study. The investigator has explained the purposes of the research to me, and I feel that any questions I have asked were satisfactorily answered.