Bio 5200: Research Methods II

Analysis Tutorial Prospectus

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1. Title

* Program for auditory brainstem response analysis

1. Research question

* Do ABR waveforms differ after NIHL

1. Objectives

* Communicate methods to build and use a program that generates waveform plots, identifies ABR latencies, and quantifies ABR amplitudes

1. Approach

* Auditory brainstem responses provide information about central nervous system processing of auditory information. I will build on previously written code that visualizes ABR waveforms, generating code that identifies ABR amplitudes and latencies.

1. Selected References

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