

PSYCH-UH 3516EQ: Lab in Psychology of
Language

Lab 1: Acoustic Phonetics
Basic Acoustic Measurements

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I Overview

This is the first lab of the semester. It is divided in three parts. In the first one, you will be measuring the values of the formants for English vowels. In the second one, you will be trying to find acoustic correlates of stop consonants in English. In the third and final part, you will be measuring acoustic information responsible for making the difference between voiced and unvoiced stop consonants (for instance, between [b] and [p]).

In order to accomplish this, you will be making your own recordings and analyzing your own utterances. You'll be using Praat for these tasks. Praat is a free, cross-platform, open-source phonetic analysis package that can be downloaded from <http://www.praat.org>.