

Lab 1: Recording, using Praat

1. Record you speaking the transcript taken from President Obama's back to school speech.
2. Learn how to use Praat to record, display, and play sound files. Understand sampling, aliasing and clipping.
3. Upload the transcript and your speech to the PPL forced aligner: <http://wms-609.sas.upenn.edu/alignment>, download the Praat TextGrid sent to you from the aligner.
4. Open Praat, read in your speech file and the TextGrid file (click on "Read" on the top of the Praat object window, and then select "Read from file..."), select both files in the Praat object window, edit (click on "Edit" on the right side of the Praat object window).
5. Find the 'sp' segments, measure the duration of each 'sp', the duration of the word immediately before the 'sp', and the duration of the word immediately after the 'sp'.
6. Calculate the mean duration of the 'sp' segments, the mean duration of the words immediately before a 'sp', and the mean duration of the words immediately after a 'sp'. Prepare to present your results to the class next Friday (9/18).