Synthesizer V:
Praat Method Tutorial
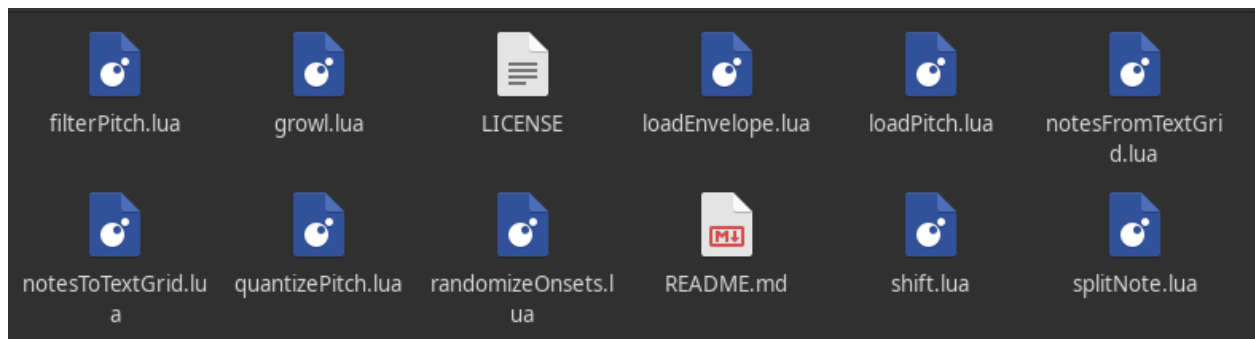
Beginner's Guide

Installation

In order for this to work, you need to install Praat and the realVoice script.
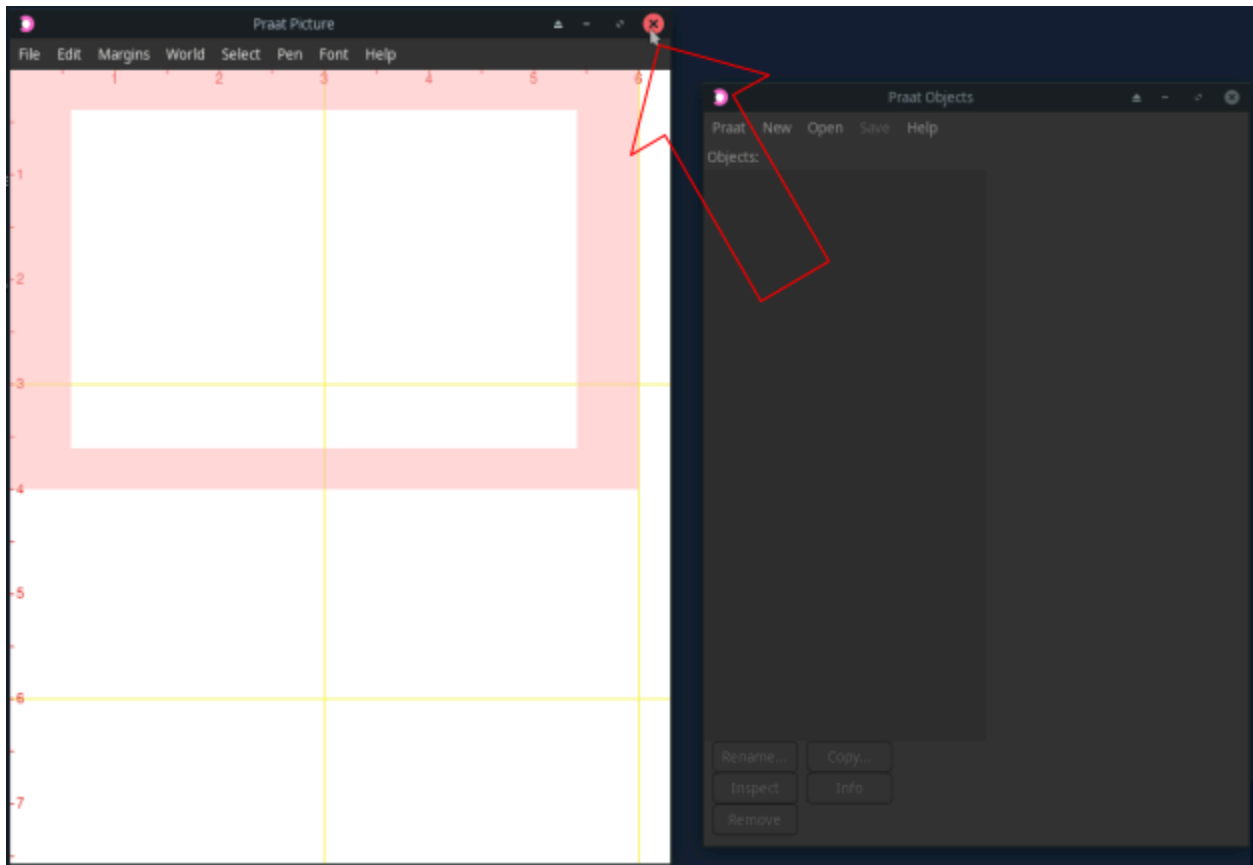
- Praat
  - [Mac](#)
  - [Windows](#)
  - [Linux](#)
- [realVoice script](#)

When you extract the realVoice zip, make sure you put the folder in the SynthV "scripts" folder. You should have these:
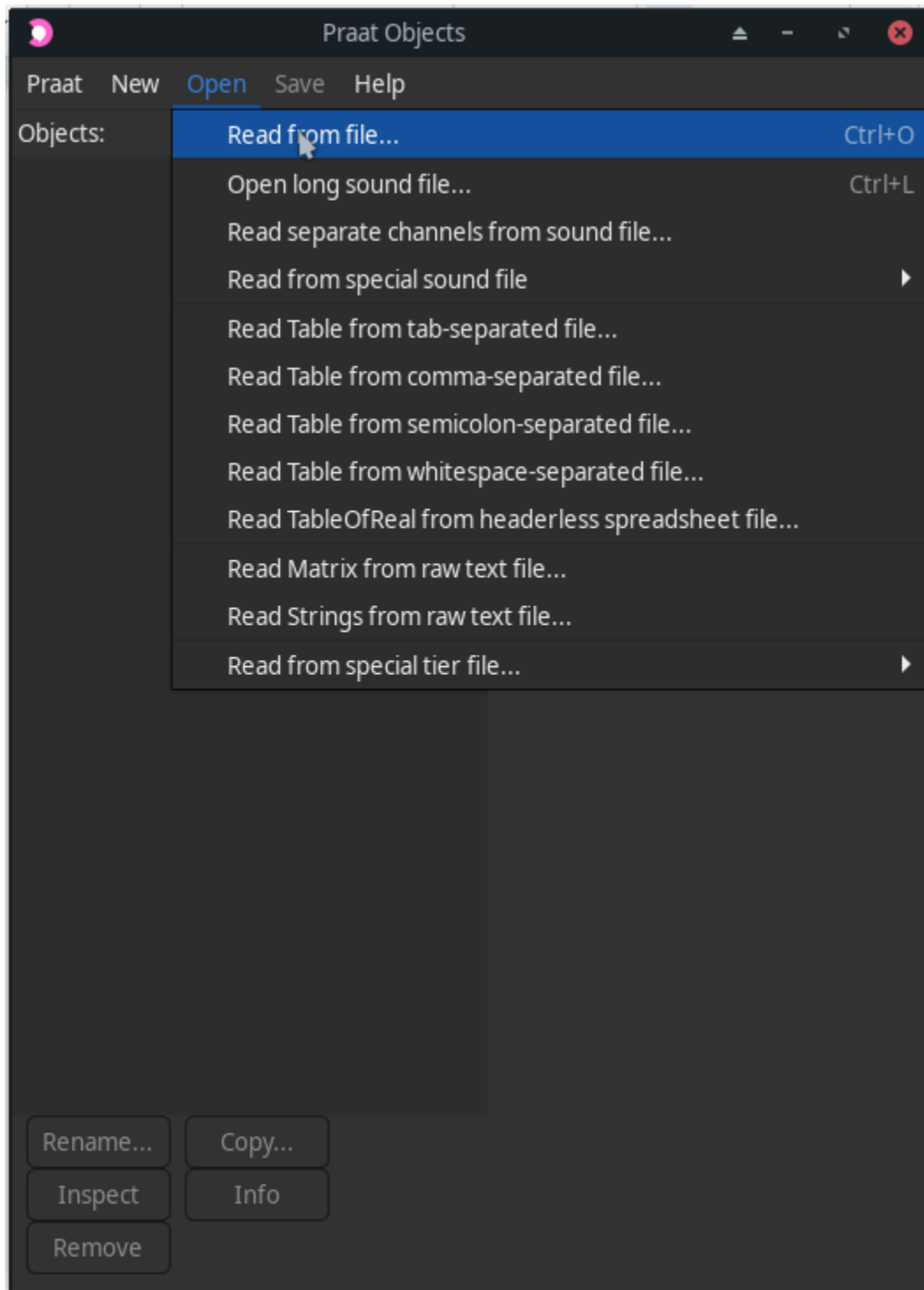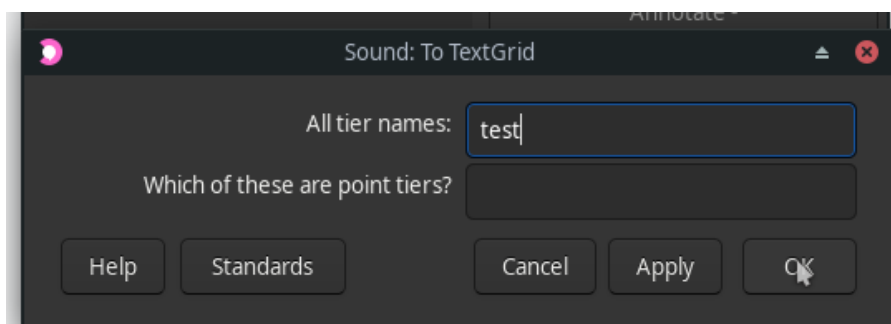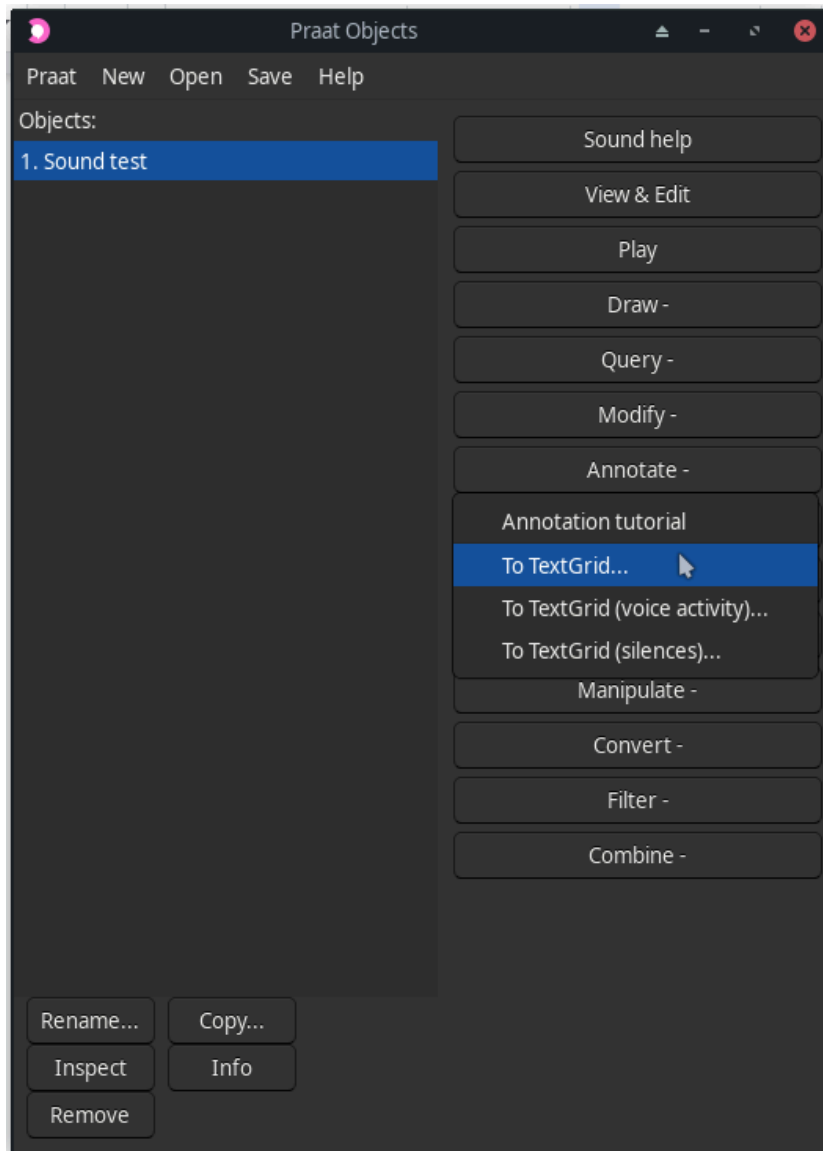
Using Praat

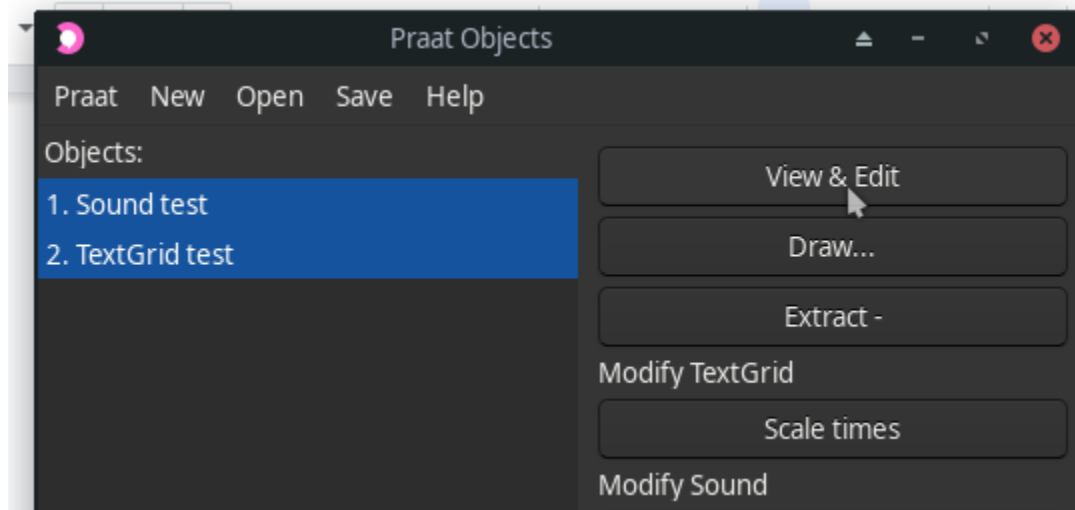If you open Praat and it opens both Praat Picture and Praat Objects, close Picture since you won't be using it.

Next, go back to Praat Objects and Open your **human** vocal file. Open > Read from file…

Select the sound and click Annotate > To TextGrid.
Fill in whatever (preferably the svp name) in the first
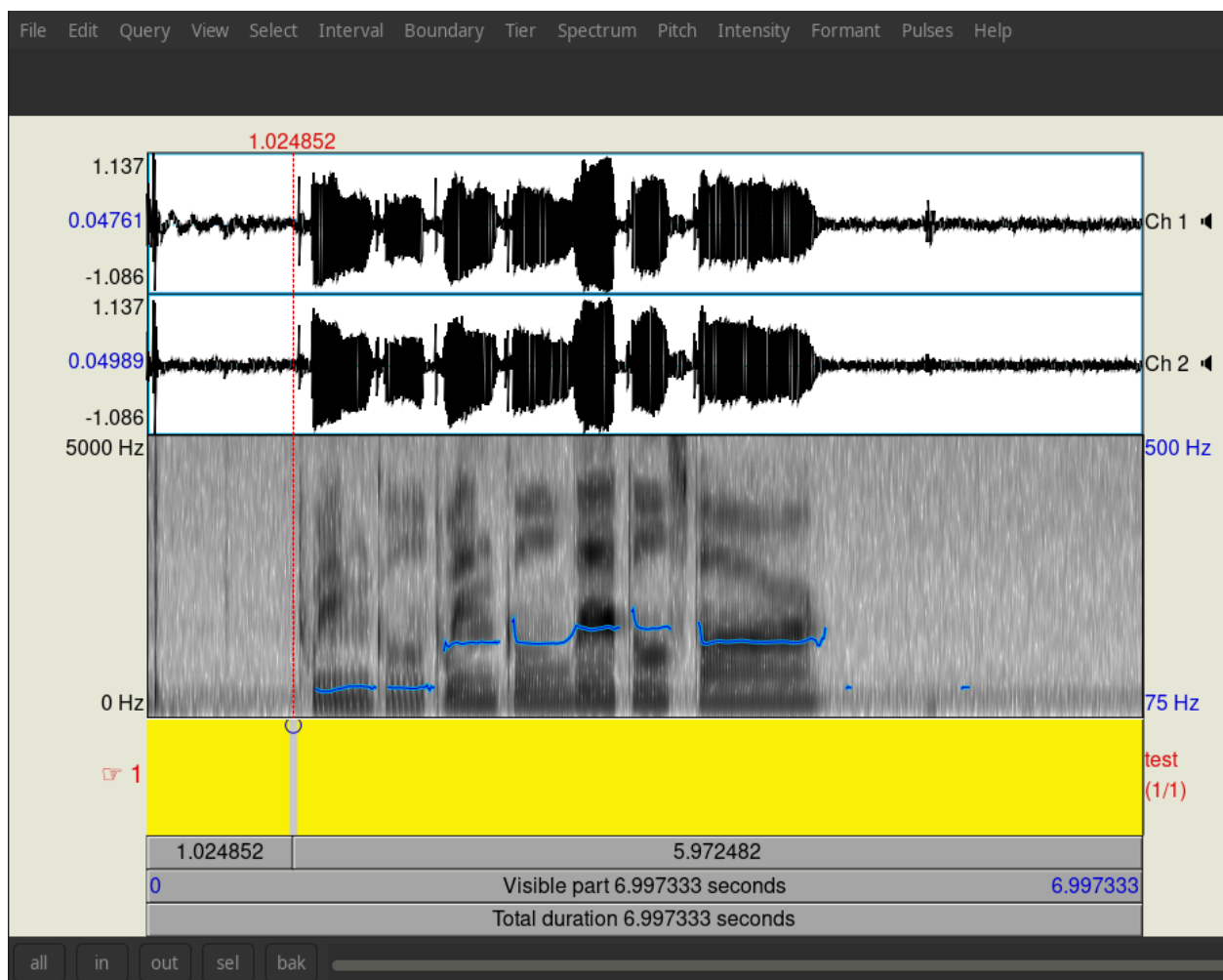box. You can leave the second box empty. Click "ok"

Click both the human vocals and the TextGrid files and open the editor. Click both > View & Edit.
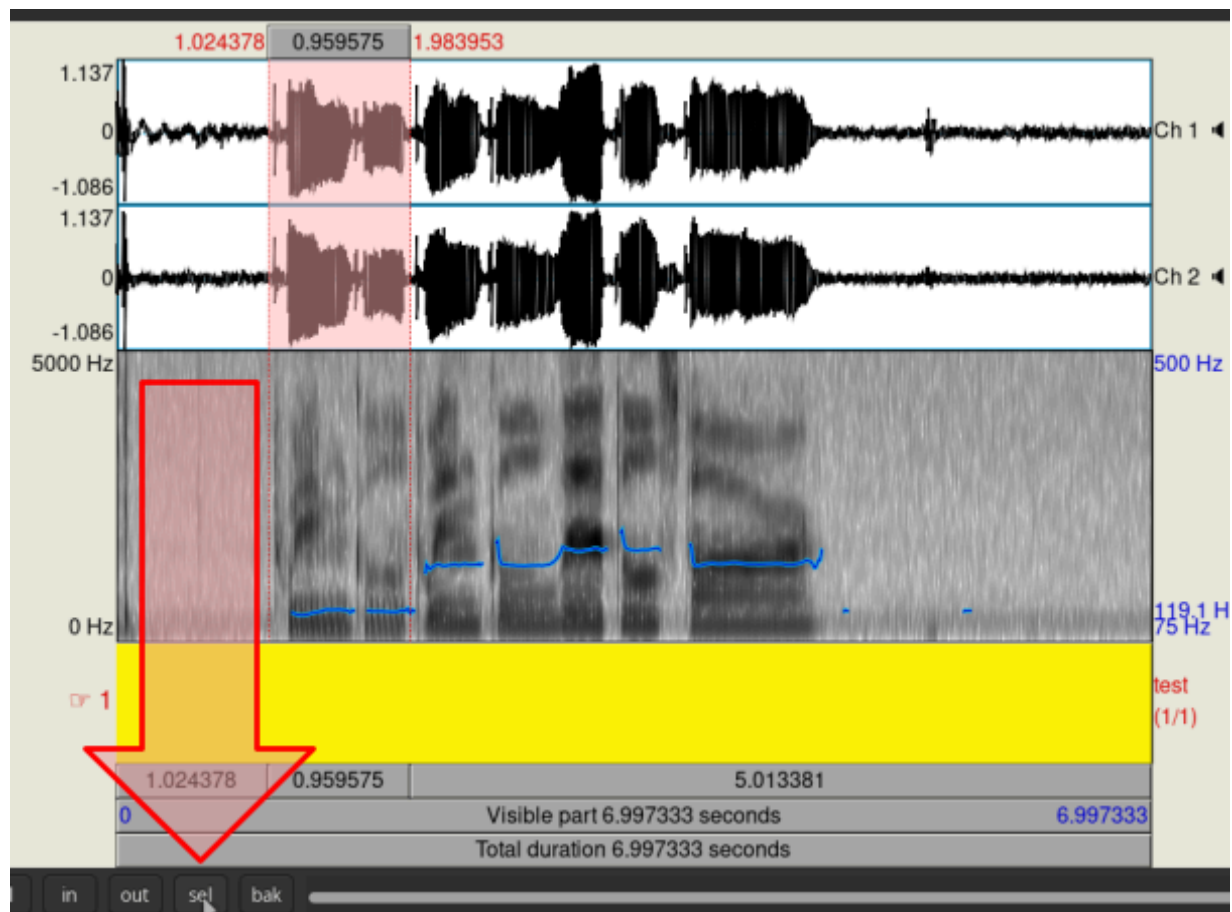
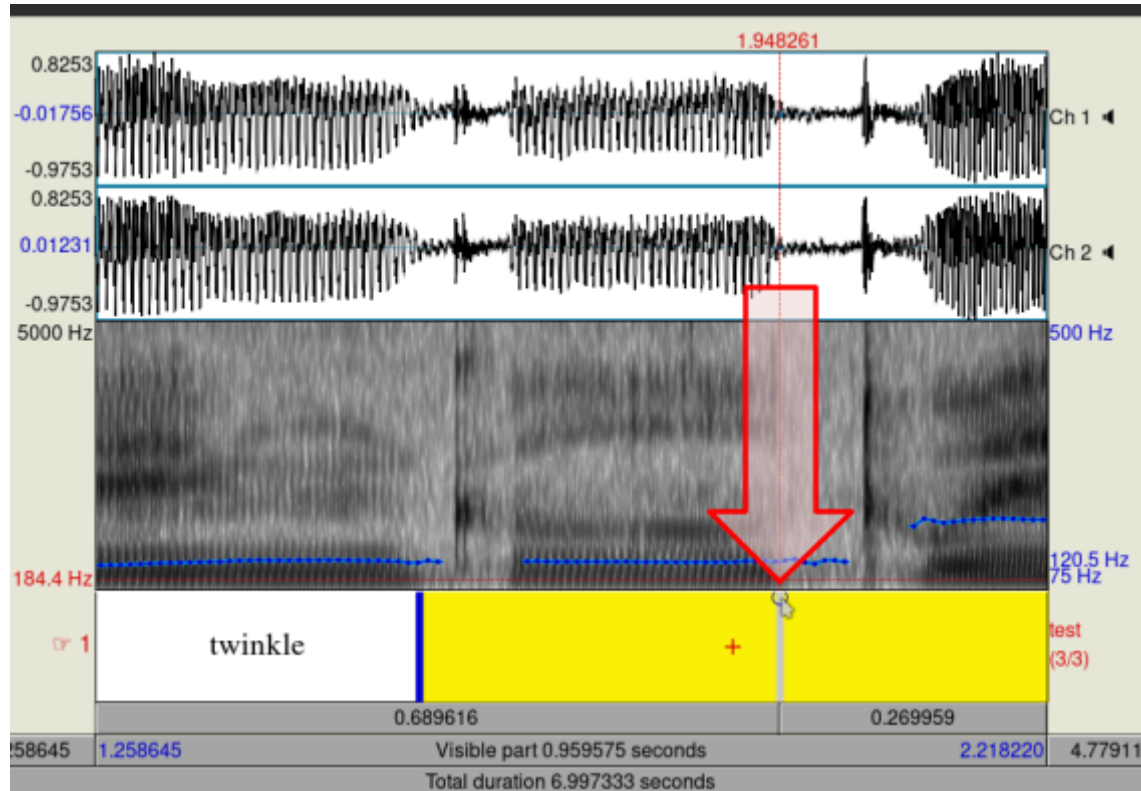This is where you will edit almost everything.

- Waveform is the human vocals
- The grey space in the middle are the parameters
  - Blue line is the pitch (Hz)
  - Yellow line is the volume (dB, if available)
- The yellow strip at the bottom is where you will be putting the start/ends (markers) of notes and pauses.

If you need to zoom in, drag over an area in the waveform section and click "sel" at the bottom.

To place beginning/end markers, click the small circle at the top of the cursor. Click space between markers to insert lyrics or leave the space empty for pauses.
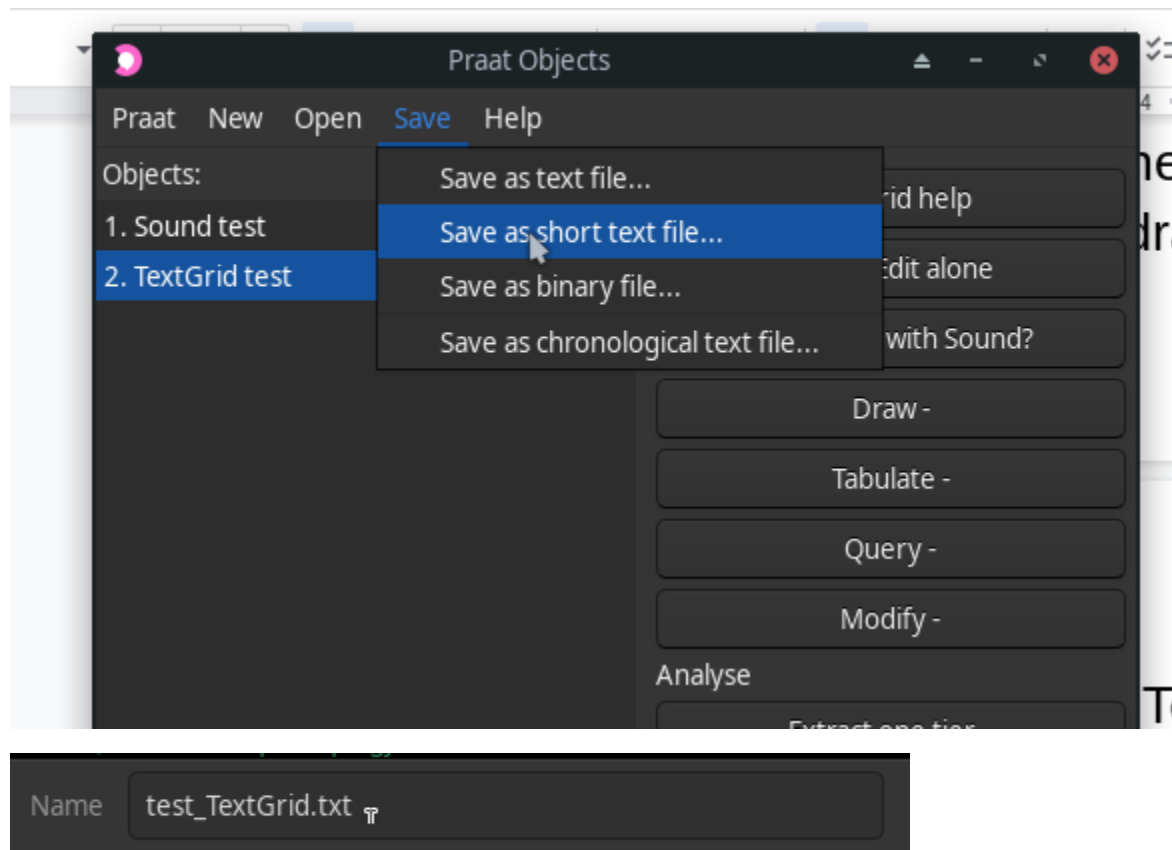

If you need to listen to the human vocals to know where to place markers, press the Tab key.
You can also move markers by dragging them.
To delete markers, use Alt + ←Backspace.

When you're done, you can exit TextGrid, but **do not** exit Praat Objects. You need to save.

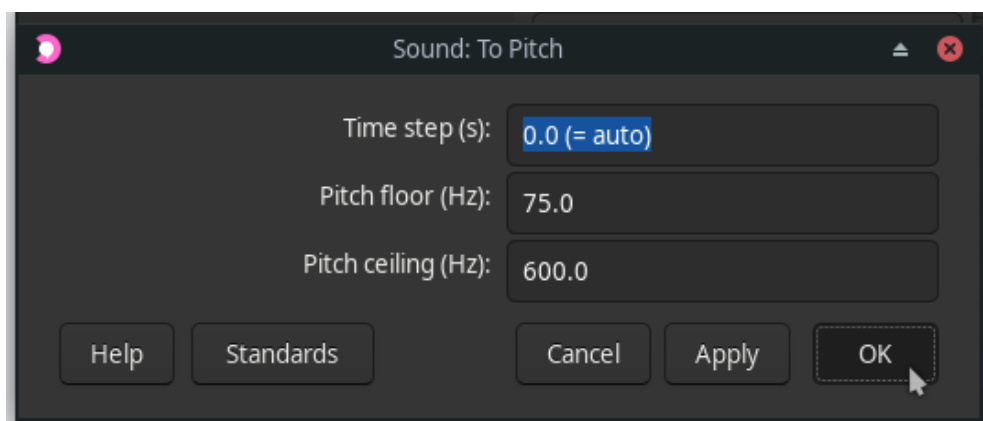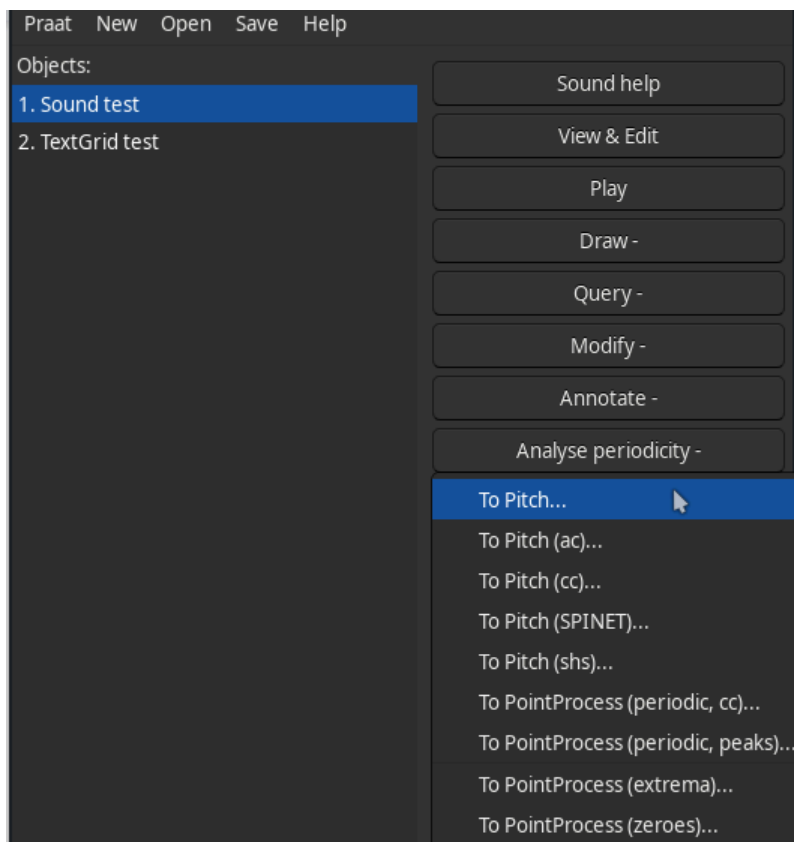Click the TextGrid file and click Save > Save as short text file…
The name must be written in this format or the script will not read it: **(insert_svp_name)_TextGrid.txt**

Now, we need to analyze and save the pitch from the Sound (human) file.
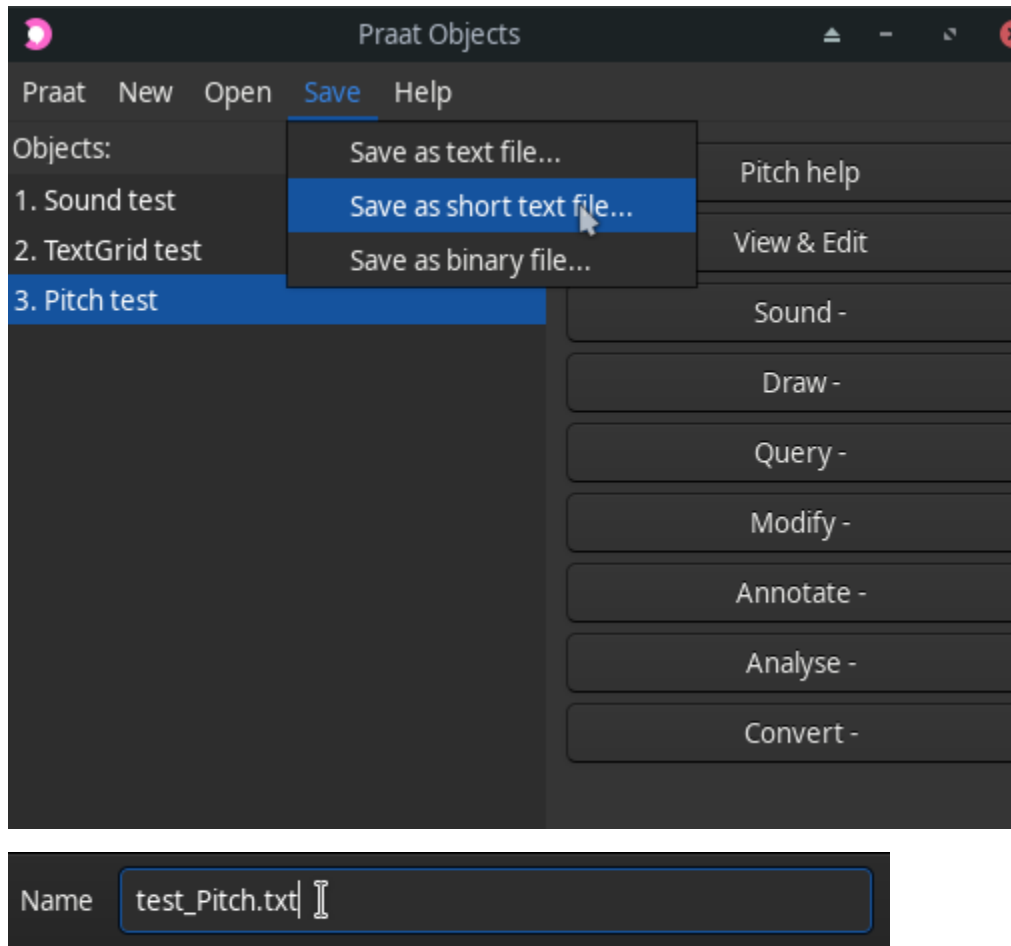To analyze the pitch, select the Sound (not TextGrid) file and then click Analyze Periodicity > To Pitch. Adjust range if needed (not necessary but still good to do). After, click "OK"

To save the pitch, click the Pitch file and click Save > Save as short text file…
The name must be written in this format or the script will not read it: **(insert_svp_name)_Pitch.txt**
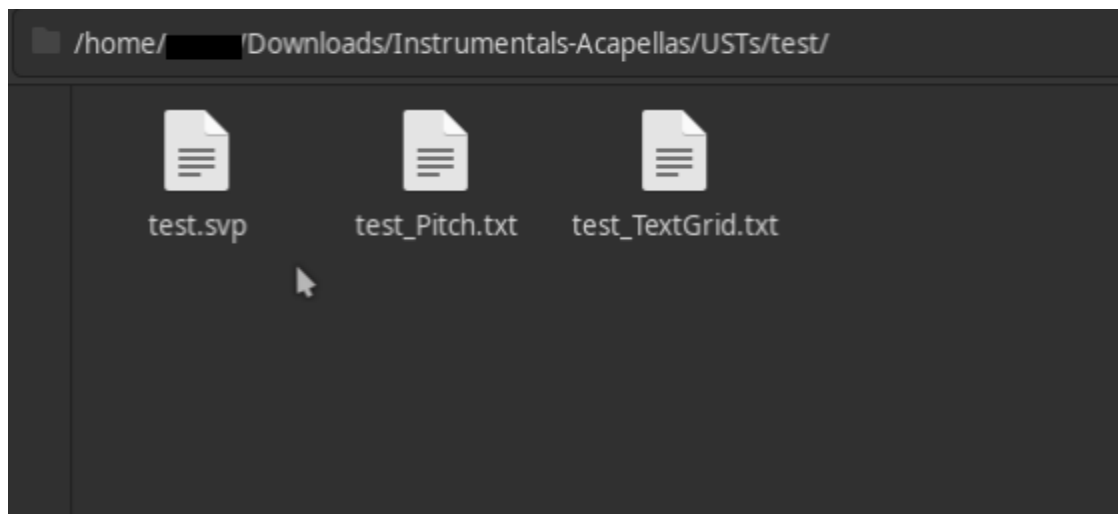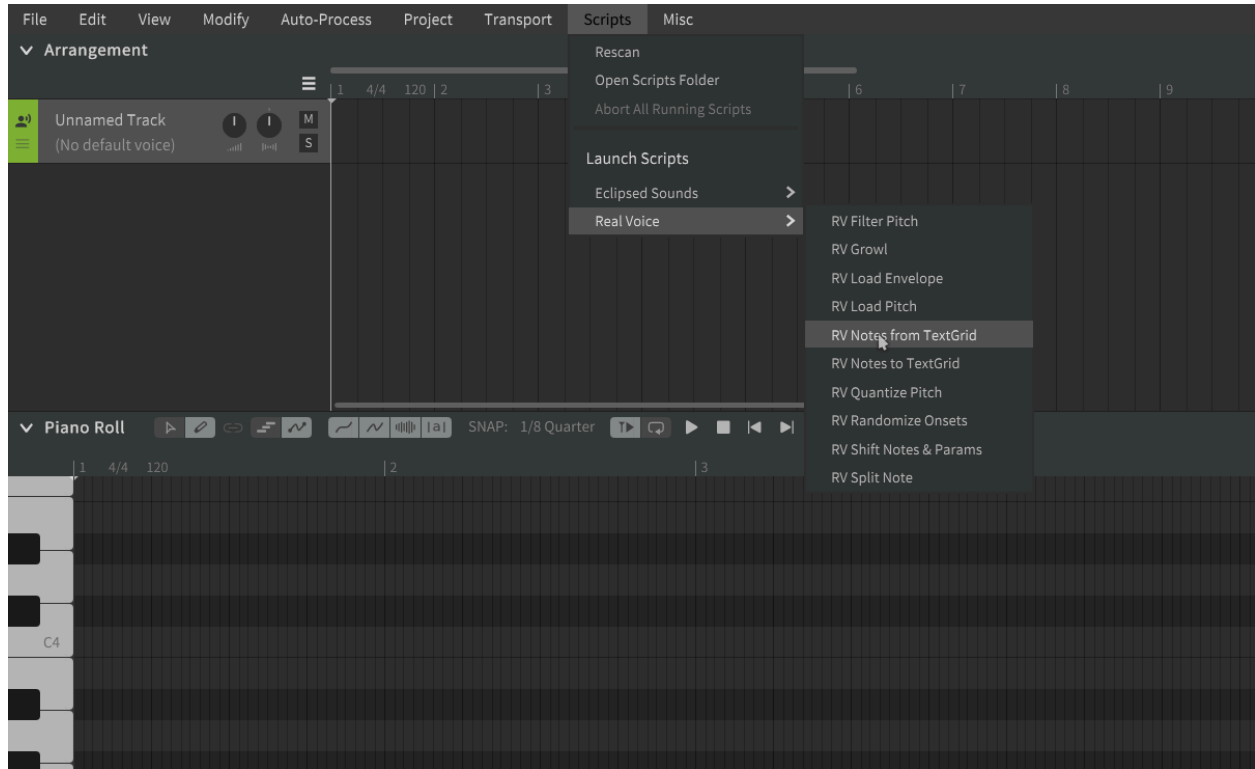

You are now done with Praat.

Importing to Synth V

Assuming you downloaded the script and have it in the SynthV scripts folder, let's move on to importing the SVP notes and pitch.
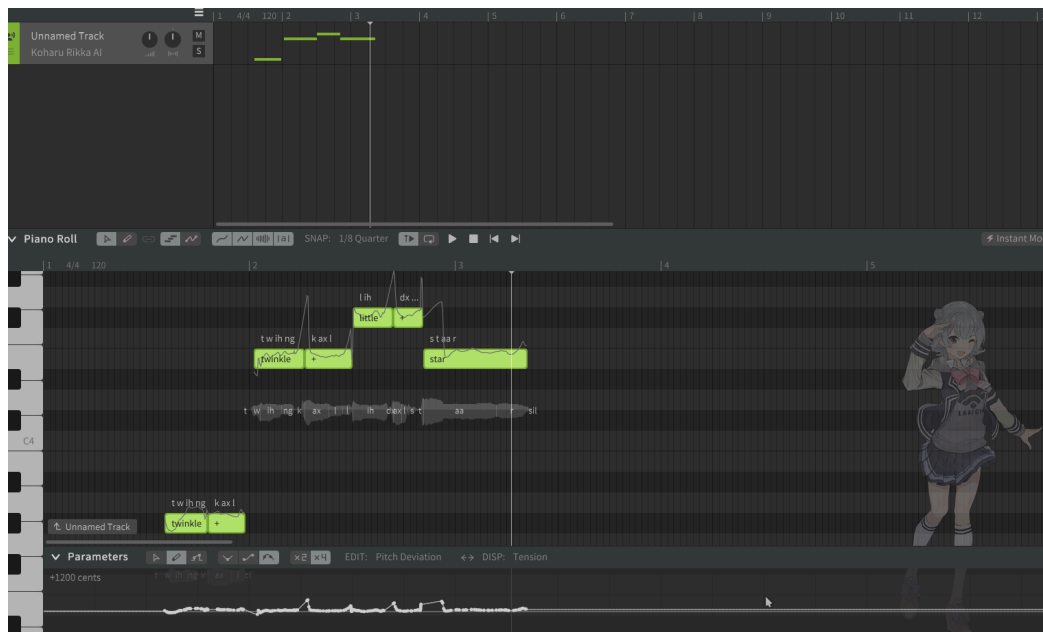
Open a new SynthV project and immediately save it. Make sure the SVP is in the same folder as the TextGrid and Pitch files or it will not work. I like to have a folder for every new song I make.

Go to Scripts and click "RV Notes from TextGrid".
Make sure to select "Load Pitch automation". Scale
selection is optional.

Select a voicebank and language.

You're done! Have a gold star! :D

your did it

Contact

- If you have any questions/are still confused about the instructions, DM me on Discord:
  - rainbowroad64
- If you have questions/concerns about the script, message the script creator:
  - [Synthesizer V Forum | Hataori](#)
  - [Vi-Control](#)
  - hataori@protonmail.com