**Folder structure**

**grids\_phrase\_corrected\_not\_FAVE\_ready** : handsegmented .TextGrid from experiment 1

**FAVE\_formatted**: folder, contains *folders* with output .TextGrid files from adapting\_toFave\_TextGrids\_formant.m

**FAVE\_formatted/FAVE\_giver:** folder, output .TextGrid for giver only.

**FAVE\_formatted/FAVE\_rcver:** folder, output .TextGrid for receiver only.

**Part 1. Formant reading**

1 - Checking for typos in segmentation and adapting .TextGrids to FAVE format:

**adapting\_toFave\_TextGrids\_formant.m** : reads .TextGrids as the result from handsegmentation, and turns them into a format expected by FAVE.

*folders*

**grids\_phrase\_corrected\_not\_FAVE\_ready**: folder, handsegmented .TextGrid from experiment 1.

**FAVE\_formatted**: folder, contains *folders* with output .TextGrid files from adapting\_toFave\_TextGrids\_formant.m

**FAVE\_formatted/FAVE\_giver:** folder, output .TextGrid for giver only.

**FAVE\_formatted/FAVE\_rcver:** folder, output .TextGrid for receiver only.

*Functions*

ST\_read\_praat\_textgrid.m

ST\_write\_praat\_textgrid.m

FAVE\_modify\_text.m

Dictionary.m

2 - Reading using FAVE in command line

Instructions for reading the text grids and audio files automatically in a batch from the command line.

Modify file names as appropriate.

# There are three folders:

- audio: contains audio files .wav

- grid: contains textgrid files .TextGrid

- output\_all: empty folder ready for output

\*\* Important \*\*

- names of files in audio and textgrid must be the SAME up to the extension.

- run in terminal with Python 2.

for file in grid/\*.TextGrid ; do name=$(basename -s .TextGrid "$file") ; python bin/extractFormants.py --config=config.txt "audio/$name.wav" "grid/$name.TextGrid" "output\_all/$name.output.txt" ; done

3 – Reading FAVE output readings into a .mat file