For each session:

The "clusterOutput.mat" has a structure named '**cluster'** with neurons recorded simultaneously as fields. **spikeTimes** are in seconds. Sampling rate is in variable Fs.

2) "BehavioralTimings.mat" has behavioral time points.

**T\_Sensory** contains the start (first column) and stop times (second column) of partner's song.

**T\_Motor** contains the start (first column) and stop times (second column) of the recorded animal's own songs.

**SyllStartStopTimes** contains the starts (Ons) and stops (Offs) of individual notes of each song.