**Data and code used for making Fig. 7**

**Folder: Fig07c-e**

Analysis

* Fig07\_AveTimeCourse\_OptStim\_Song.m: Code for plotting the time courses of pulse and sine song in Fig. 7c.
* Fig07\_AveTimeCourse\_OptStim\_SongProb.m: Code for plotting the time courses of song transition probabilities in Fig. 7d,e.

Data/Summary

* dataset.csv: A spreadsheet describing the genotype for each microphone recording channel in each experiment.
* EthogramCombPulseTrain\_\*: Files containing the time course of pulse/sine songs. Row: fly ID; Column: time bins.
* OptStim\_\*: Files containing the timings of optogenetic stimulation in each experiment.