Four example networks are included in this file: 2 networks that received the high frequency training signal and 2 networks that received a sham training period and were kept as controls. Each network has included with it a pre and post training .mat file. Within each .mat file are the following variables

ch\_XXa

ch\_XXb

where XX corresponds to the electrode channel number, “a” corresponds to the stimulus artifact time and “b” corresponds to the time stamps of the identified single unit activity recorded on that channel. We used these data to generate the figures in the manuscript submitted to PlosOne.

Please contact me if anything here is not clear. My email is [npeixoto@gmu.edu](mailto:npeixoto@gmu.edu) .

-Nathalia Peixoto, April 14th, 2015.