Paper Plasticity

Figure 2:

Main\_ReluToy.py Runing time: <10s

Figure 3:

Training: ./Plasticity/main\_plasticity\_variations Runing time: ~5 mins

Plotting: ./Plasticity/load\_analysis\_plasticity

Figure 4:

Training: ./Plasticity/main\_plasticity\_selectivity Runing time: ~5 mins

Plotting: ./Plasticity/load\_analysis\_plasticity\_selectivity

Figure 5:

Class\_main\_oddball for the oddball and omission. Running time: ~ 1 min

Switch to oddball\_omissctrl for the omission control.

In case of the overwritten saved results, the dumping simulation through pickle is commented out.

To load runs for comparison, run load\_omissctrol.

Paper Perceptual

Figure 2:

Shell\_main\_interval\_omission.py

Requires: class\_main\_oddball

Figure 3: Matching to MMN

class\_main\_oddball\_prob.py. Running time: 7 min

Figure 3 supp 1: Single cell Rate

Folder SingleCellRate For each loop 2 mins.

Figure 4: Number of repetitions

Shell\_main\_nRep.py

Which requires

class\_main\_oddball\_prob\_nRep\_dev.py 10 mins