Guide on running the last results on NEURON

1. Use terminal to go into the path where the files are saved.

2. >> nrnivmodl

3. >> nrngui

4. From the GUI, use the “NEURON Main Menu” window and go to “File”, then “load session”, then choose the model you want and double click.

5. On the “PointProcessMannager” window, left click on “SelectPointProcess”, then choose the signal you want.

6. From “Neuron Main Menu” click on Graph and then “Voltage axis” and then on the plot that pops up right click and choose plot what and choose what you want to plot.

7. On the terminal use:

For excite

>> soma.ena=axon.ena=60

>> soma.ek=axon.ek=-90

For inhibit

>> soma.ena=axon.ena=55

>> soma.ek=axon.ek=-90

8. On the “RunControl” check that the Init(mv) is on -70 and that dt (ms) is at 0.005 and then click on “Init&Run”.