

Plot of neuron simulation results

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- 1 This scatter plot shows us the activity of 30 neruons on a period of 100ms.

x axis : time(ms), y axis : neuron number

Each dot is a spike form the corresponding neuron at a given time.

- 2 Under it we have a histogram that sums these results over the given time intervall.

```
In [5]: import numpy as np
import matplotlib.pyplot as plt

data = np.genfromtxt('spikes.gdf')

select= np.array([d for d in data if d[1] < 30])
data1= select.transpose()
plt.scatter(0.1*data1[0],data1[1],alpha=0.8, edgecolors='none');
plt.show();

n, bins, patches = plt.hist(0.1*data1[0], 50, normed=0, alpha=0.75)
plt.show();
```

