Untitled4

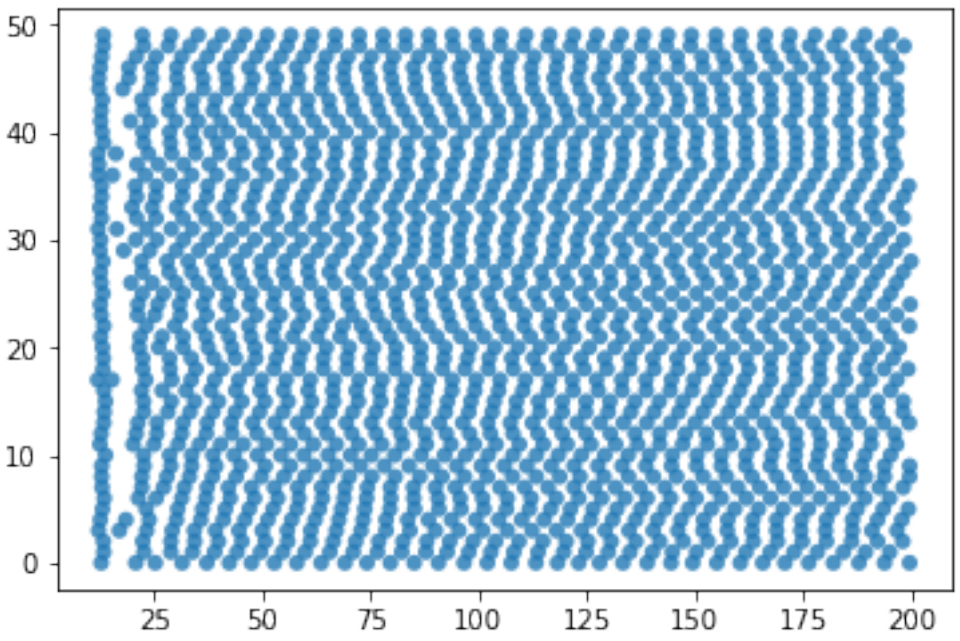
February 12, 2018

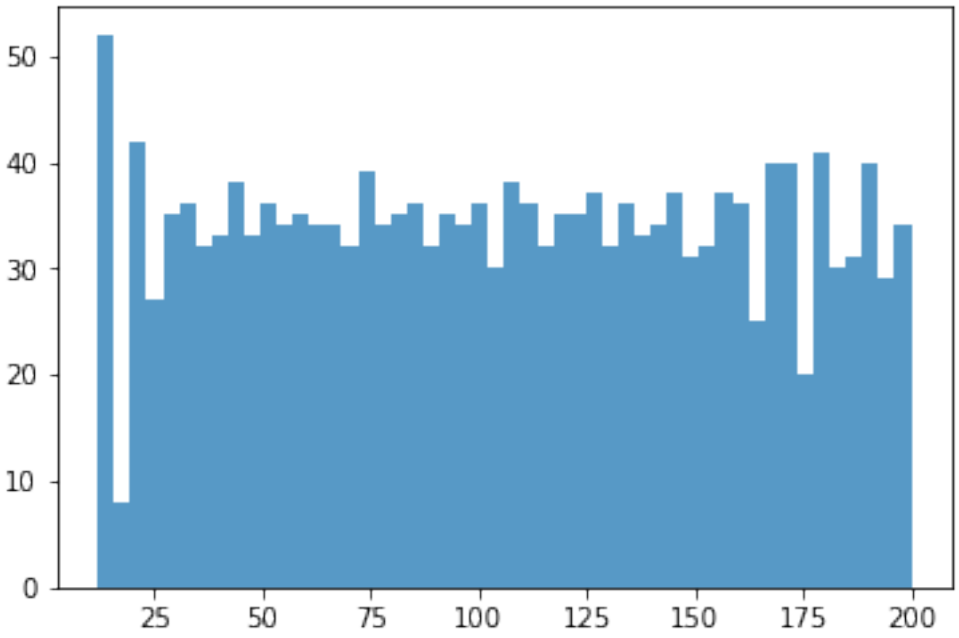
In [1]:
```
import numpy as np
import matplotlib.pyplot as pl

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

select= np.array([d for d in data if d[1] < 50])
data1= select.transpose()
pl.scatter(0.1*data1[0],data1[1], alpha=0.8, edgecolors='none');
pl.show();

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



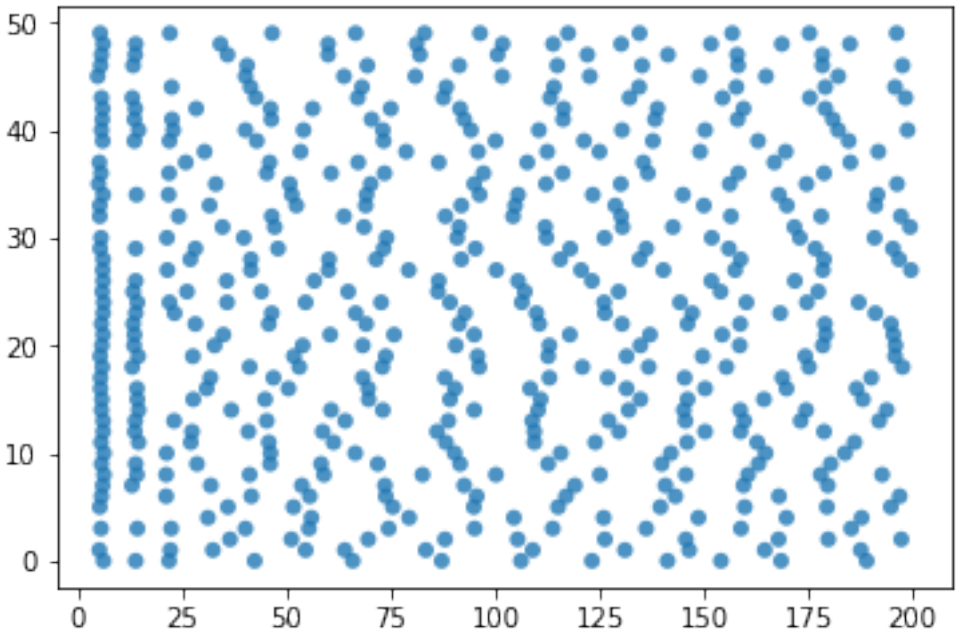


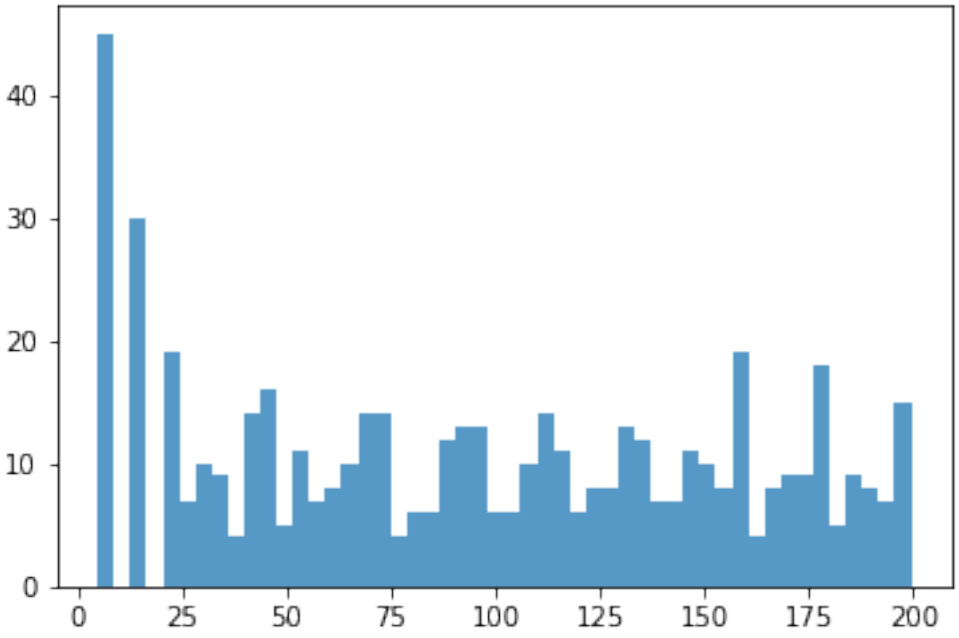
In [2]:
```
import numpy as np
import matplotlib.pyplot as pl

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

select= np.array([d for d in data if d[1] < 50])
data1= select.transpose()
pl.scatter(0.1*data1[0],data1[1], alpha=0.8, edgecolors='none');
pl.show();

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



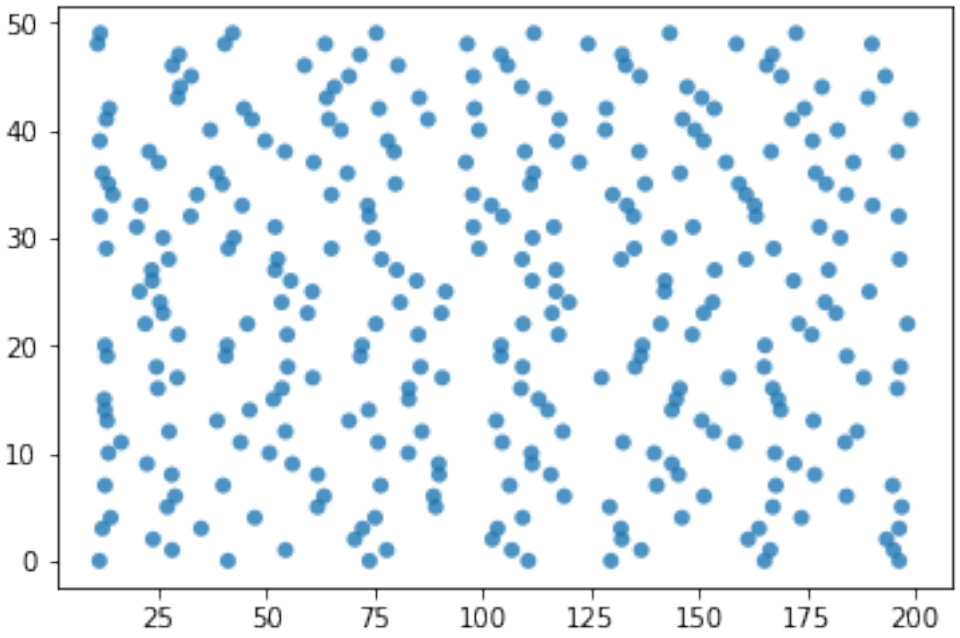


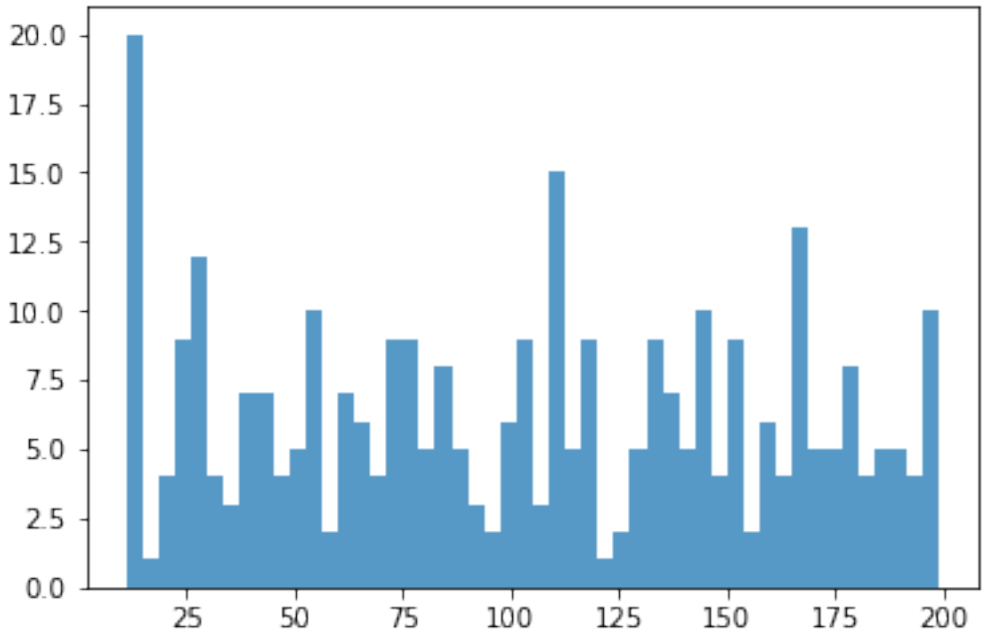
In [3]:
```
import numpy as np
import matplotlib.pyplot as pl
```

```
data = np.genfromtxt('Spikes.gdf')

select= np.array([d for d in data if d[1] < 50])
data1= select.transpose()
pl.scatter(0.1*data1[0],data1[1], alpha=0.8, edgecolors='none');
pl.show();

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



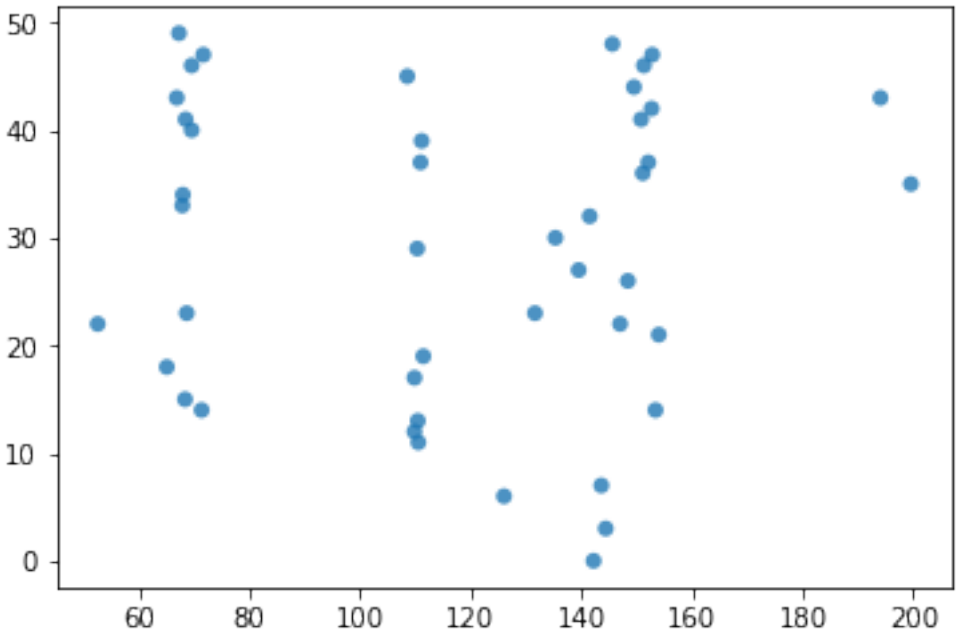


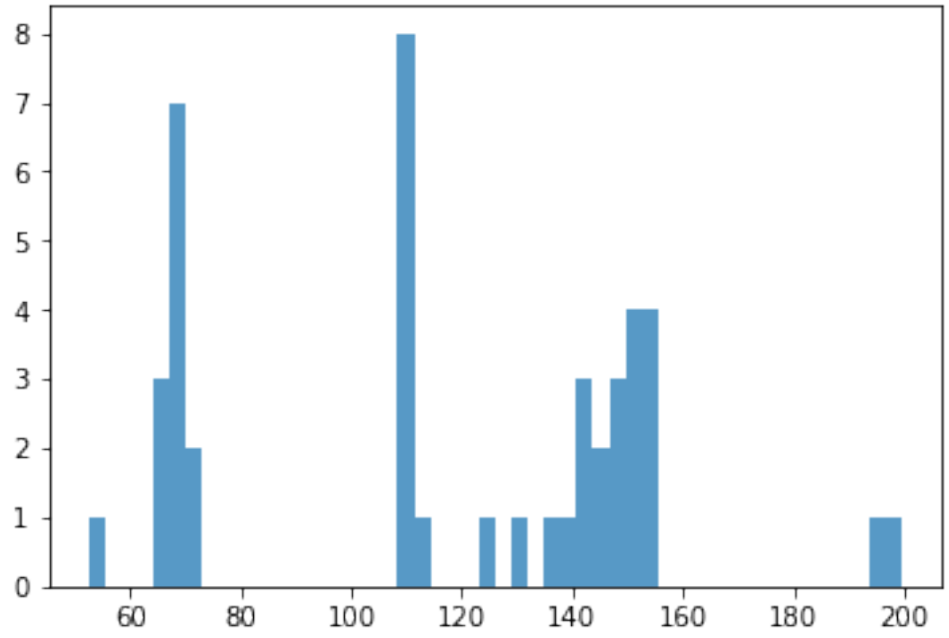
In [4]:
```
import numpy as np
import matplotlib.pyplot as pl

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

select= np.array([d for d in data if d[1] < 50])
data1= select.transpose()
pl.scatter(0.1*data1[0],data1[1], alpha=0.8, edgecolors='none');
pl.show();

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


50
40
30
20
10
0
60
80
100
120
140
160
180
200


8
7
6
5
4
3
2
1
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60
80
100
120
140
160
180
200