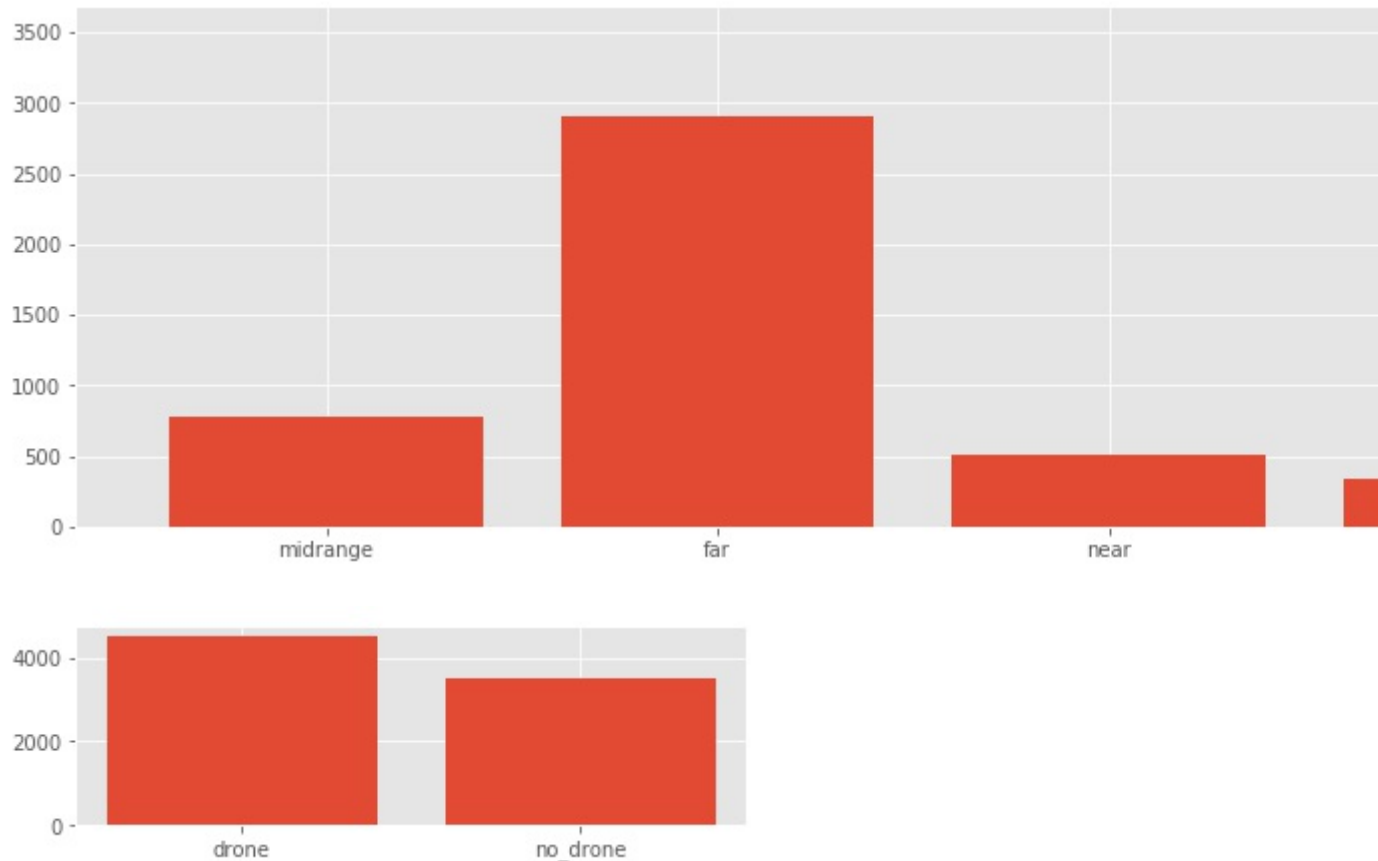


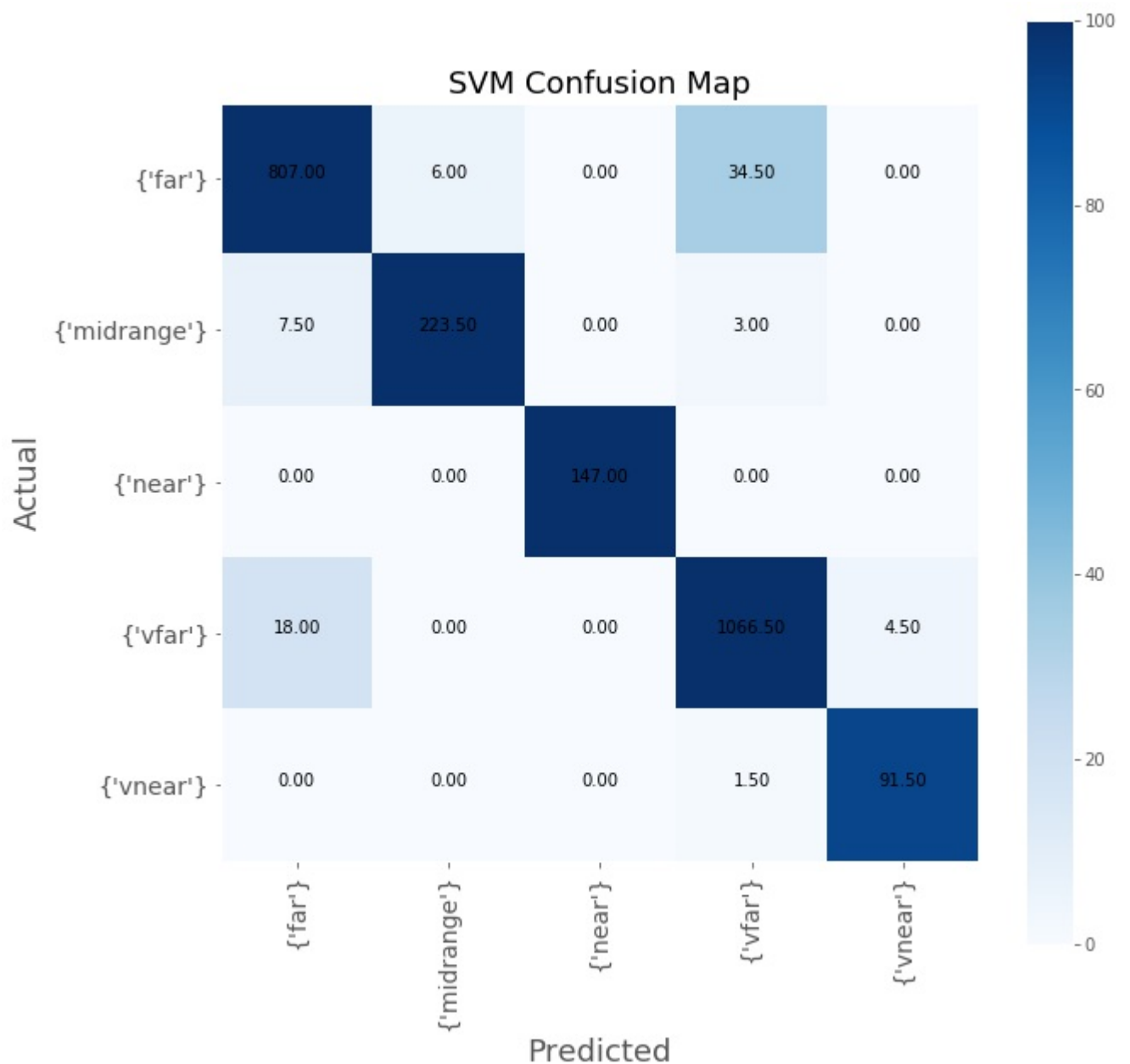
Python 3.6.4 |Anaconda custom (64-bit)| (default, Jan 16 2018, 18:10:19)  
Type "copyright", "credits" or "license" for more information.

IPython 6.2.1 -- An enhanced Interactive Python.

```
In [1]: runfile('/home/sayan/duke_internship/ssloc/training.py', wdir='/home/
sayan/duke_internship/ssloc')
{'midrange', 'far', 'near', 'vnear', 'vfar'}
{'midrange': 779, 'far': 2905, 'near': 509, 'vnear': 339, 'vfar': 3506}
{'drone', 'no_drone'}
{'drone': 4532, 'no_drone': 3506}
```



```
(6431, 193)
<class 'numpy.ndarray'>
(6431, 26)
<class 'numpy.ndarray'>
0.9688861232109521
```



Want to continue? y/n n  
done

In [2]: joblib.dump(svm, 'input/detection\_iris\_new.pkl')

Out[2]: ['input/detection\_iris\_new.pkl']

In [3]: svm1 = OneVsRestClassifier(NuSVC(nu=.1, kernel='poly',  
decision\_function\_shape='ovr'))

In [4]: svmmodel\_lpc = svm1.fit(lpc\_train\_data, lpc\_train\_label)