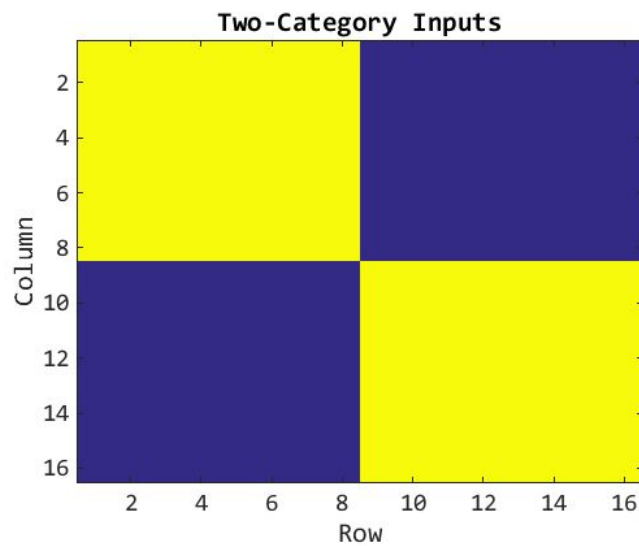
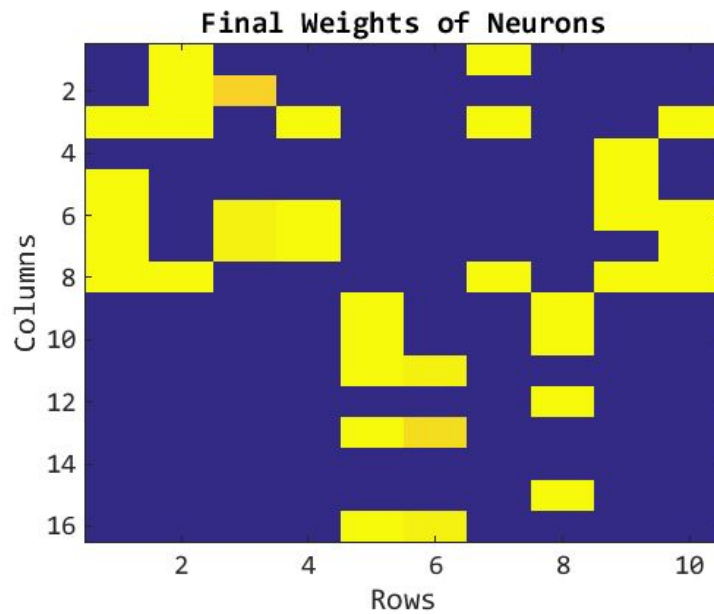


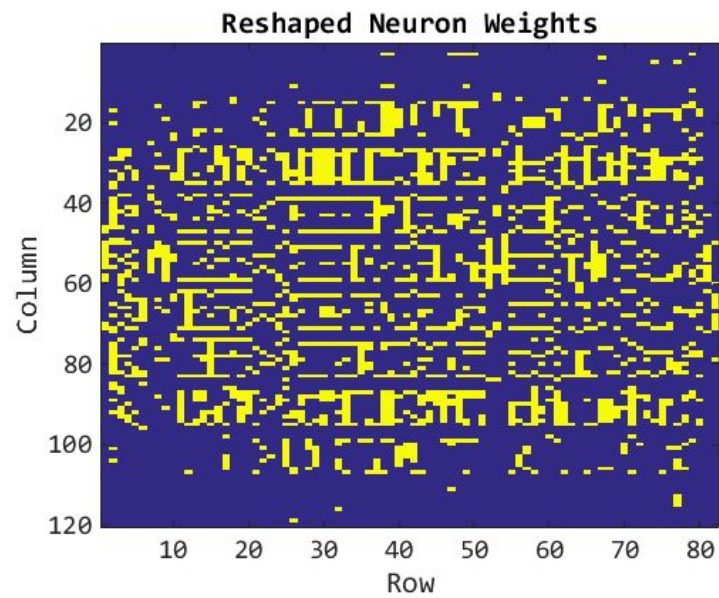
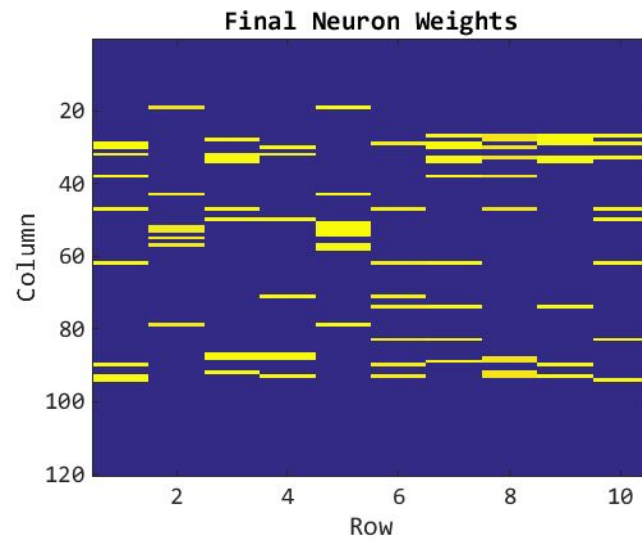
Lab 5

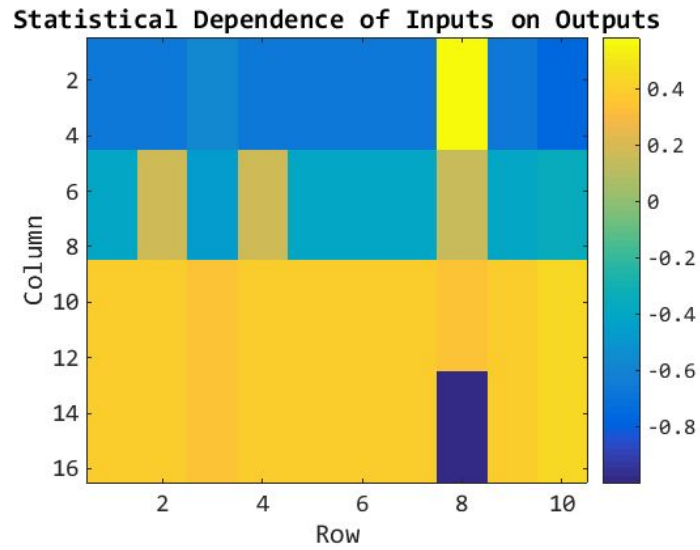
Note: All code and figures available at github.com/jeffreygray/nesc5330



```
>> load('finalWeights.mat')  
>> plot(W)  
>> imagesc(W)
```







Entropy Measurement

```
>> entropy(inputs)
```

```
ans =
```

```
0.8351
```

Mutual Information Measurement

```
>> MutualInformation(W, inputs)
```

```
ans =
```

```
Columns 1 through 11
```

```
1.0000    1.0000    1.0000    1.0000    0.3373    0.3373    0.3373    0.3373    0.8113    0.8113
0.8113
```

```
Columns 12 through 16
```

```
0.8113    0.8113    0.8113    0.8113    0.8113
```