Synaptogenesis Homework 9
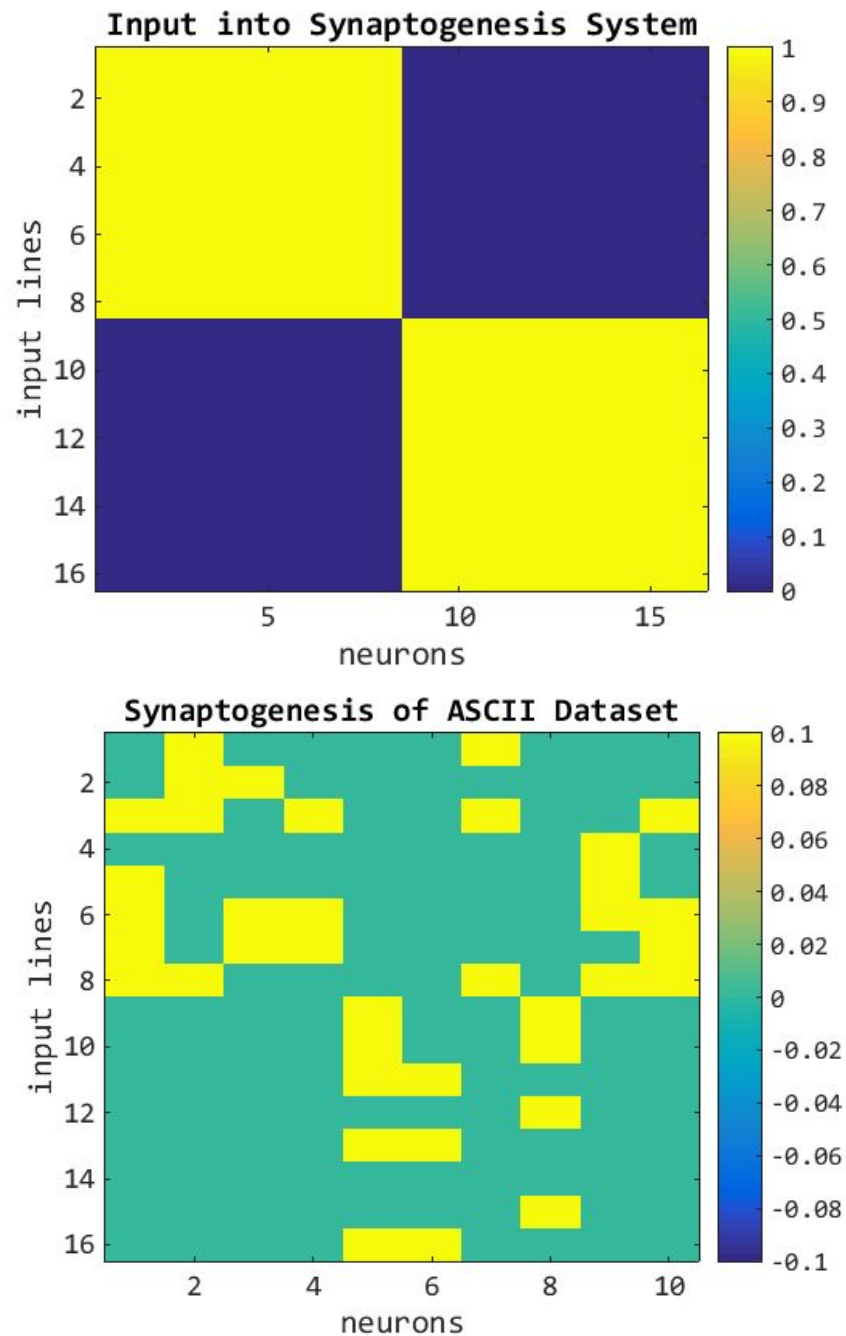
Input into Synaptogenesis System

Synaptogenesis of ASCII Dataset

These images represent the input into the synaptogenesis model along with the learned output from the complete ASCII dataset calculating 850 cycles.

Summary Statistics:

```
>> entropy(inputs)
    ans = 1
>> entropy(outputs)
    ans = 1.0476
>> MutualInformation(inputs, outputs)
    ans =
  -1.3784  -1.6887  -2.0066  -2.0066  -1.3784  -2.0066  -2.0066  -1.6887  -1.6887  -1.6887
>> ConditionalEntropy(inputs, outputs)
    ans =
    3    3    3    3    3    3    3    3    3    3
```

Check out the sourcecode of the included files in the git repository under the lab5 folder!