Milan Gunasekera

Homework 2

## Instructions:

- In the directory, "train.py --test"
- To re-train the data, you would run the option "train.py –train"

Problems arise when predicting the sequences. The sequences predict a continuous string of the final hidden state. The error likely comes from implementation of the Baum-welch algorithm, more specifically a mistake around re-estimating the transition matrix:

As one can see, the transition probability from the final hidden state to itself is greater than 1