

CSE5525: Speech & Language Processing

HW #1

Alpha	Accuracy
0.1	81.68
0.5	82.6
1.0	83.0
10	83.7

As we increase the value of alpha, the accuracy of our model increases. This is because, even though certain words may not exist for a particular class in our dataset, they may exist in the testing set. Therefore adding the smoothing factor increases our accuracy.