

Doc2vec accuracies

10k

For 1000 sized feature vector

1 layer 1000 neurons = 79.88 val accuracy and 80 test accuracy

2 layer 1000 500 = train 0.956 val accuracy 0.8066

3 layer 1000 500 300 train 92.7 val .7868

1 layer 5000 train 0.759 val 0.732

5k

For 1000 features

2 layer 1000 500 751 train 705 val

1 layer 1000 755 train 714 val

1 layer 2000 718 train 674 val

2 layer 2000 1000 train 72.3 val 0.695

3 layer 2000 1000 500 0.767 train val 0.71

3 layer 2000 2000 1000 0.695 val 0.731 train

4 layer 1000 1000 1000 20 val 19 train