LSTM:

single fc:

26.151315789473684%

33.881578947368424%

50.98684210526315%

44.57236842105263%

51.97368421052632%

44.07894736842105%

3-layer-hidden:

28.289473684210525%

33.38815789473684%

47.53289473684211%

45.230263157894735%

50.98684210526315%

45.230263157894735%

CNN:

28.289473684210525%

34.70394736842105%

49.835526315789475%

44.57236842105263%

54.60526315789473%

45.06578947368421%

CNN with 2-hidden layer:

28.618421052631576%

34.375%

55.09868421052632%

47.368421052631576%

55.42763157894737%

46．710526315789475%

Tfidf+nn (3 layers, hn=400, feature\_size=133k(tfidf\_max=50000))

32.401315789473684%

43.256578947368424%

60.85526315789473%

52.13815789473685%

62.33552631578947%

50.0%

Tfidf+nn(2 layers, hn=200, feature\_size=60000(…=20000))

32.23684210526316%

43.75%

62.33552631578947%

52.79605263157895%

63.65131578947368%

50.49342105263158%