Experiments.....

Performance Comparison: Weibo Dataset

Method	Accuracy	Precision	Recall	F1
Text	0.763	0.827	0.683	0.748
Vis	0.615	0.615	0.677	0.645
VQA	0.773	0.780	0.782	0.781
NeuralTalk	0.717	0.683	**0.843**	0.754
att-RNN	0.779	0.778	0.799	0.789
EANN-	0.795	0.806	0.795	0.800
EANN	**0.827**	**0.847**	0.812	**0.829**

- Similar result can be observed as those on Twitter dataset.
- However, we can see that **Text** is greatly higher than that of **Vis**
  - Because Weibo dataset doesn't have imbalanced issue, and with sufficient diversity, useful linguistic patterns can be extracted.
  - Images of Weibo dataset are more complicated in semantic meaning than Twitter.
  - **Vis** can't learn meaningful representations, although use VGG19 (But MVNN can?)

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- **EANN-** is better than all multi-modal approaches on Weibo dataset
  - Since length of each post is relatively short (<140 characters), Text-CNN may capture more local representative features.
- **EANN** compared with **EANN-**
  - Can conclude that using event discriminator component indeed improves the performance of fake news detection