

## Model Architecture:

### ① Baseline:

BiLSTM followed by feed forward layers with Sigmoid at last

### ② Multi Feat:

Feat extraction units for each feature and BiLSTM over The Concatenated Time series latent representations (Similar to baseline)

### ③ Hybrid CNN + LSTM: [word level feature]

Sequence of Convolution and Max pooling units followed by BiLSTM, Dense layers with Sigmoid at The end.

### ④ Hybrid CNN + LSTM: [word level + Sentence level Features]

Similar feature Extraction as Hybrid CNN+LSTM. Combine The latent representation for further Dense and Classifier layers.

