Learning sentence representations from natural language inference data

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April 22, 2019

Github repository link - https://github.com/ktodorov/uva-semantics-19

For all models we can observe that hypotheses where almost all of the sentence is similar to the premise the model predicts correctly as entailment but if the differences in the hypothesis become more complex then the models fail to predict correctly

1 Mean encoder

- test macro accuracy: 61.4346%
- test micro accuracy: 61.4413%

2 Uni-LSTM encoder

- test macro accuracy: 33.7865%
- test micro accuracy: 33.7438%

3 Bi-LSTM encoder

- test macro accuracy: %
- test micro accuracy: %

4 Bi-LSTM with max-pooling encoder

- test macro accuracy: %
- test micro accuracy: %