

Neural Networks applied in NLP

Lab 4

BLEU, or the Bilingual Evaluation Understudy, is a score for comparing a candidate translation of text to one or more reference translations. Implement a program which evaluates a machine translation.

1. (0.3 points) For two user typed sentence in Romanian, of at least 10 words, use a freely available translation API to translate it into English. You need the correct translations also, so ask the user to validate/enter the correct translation.
2. (0.2 points) Compute precision/recall/f-measure for the machine translations.
3. (0.5 points) Implement a function able to compute the BLEU score for the sentence pairs.