Application to Rate Machine Translated Sentences

Introduction:

Research on Machine Translation is essential for improving translation quality for Indian languages. It helps in enhancing communication, fosters linguistic diversity and promotes global connectivity.

COMET– Crosslingual Optimized Metric for Evaluation of Translation is an open-source framework for MT evaluation that can be used for two purposes:
1) To evaluate MT systems with our currently available high-performing metrics.
2) To train and develop new metrics.

BLEU– BiLingual Evaluation Understudy is a metric for automatically evaluating machine-translated text. The BLEU score is a number between zero and one that measures the similarity of the machine-translated text to a set of high quality reference translations.
A language expert can provide a more nuanced and comprehensive evaluation of machine-translated text compared to automatic metrics like BLEU Score and COMET.

A language expert can assess the semantic accuracy, grammatical correctness, contextual understanding, idiomatic expressions and fluency of the translated sentence with greater expertise.

Our project aims to provide a user-friendly interface through which a language expert can easily rate machine translated sentences with an appropriate score. Moreover, they can also view the contents by sorting based on source and target sentences and the rating.

Technologies Used :
HTML, CSS, Javascript, jQuery, Django

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