# My approach

* Create a ranking of words by the order of simplicity (frequency of usage). Use the normalised rank of a word in the loss function while predicting a word, thus penalising the generation of a less frequently used word.
* Use BLOOM to generate sentences in specific templates. This will require the creation of a new dataset.

This will contain simplified sentences with:

* + Simple 3-4 word definitions for terms that can’t be simplified more
* BLEU and METEOR are not very good evaluation metrics for text simplification tasks because you’re replacing most terms with much simpler words.

# Other Papers

## Sanqiang et al.

(<https://aclanthology.org/D18-1355.pdf>)

Use Simple PPDB (a database of paraphrasing complex terms into simpler ones) to train a transformer. The DCSS has a loss function that optimises the usage of less complex words, while the DMASS actually stores Simple PPDB in memory and uses it to make inferences.