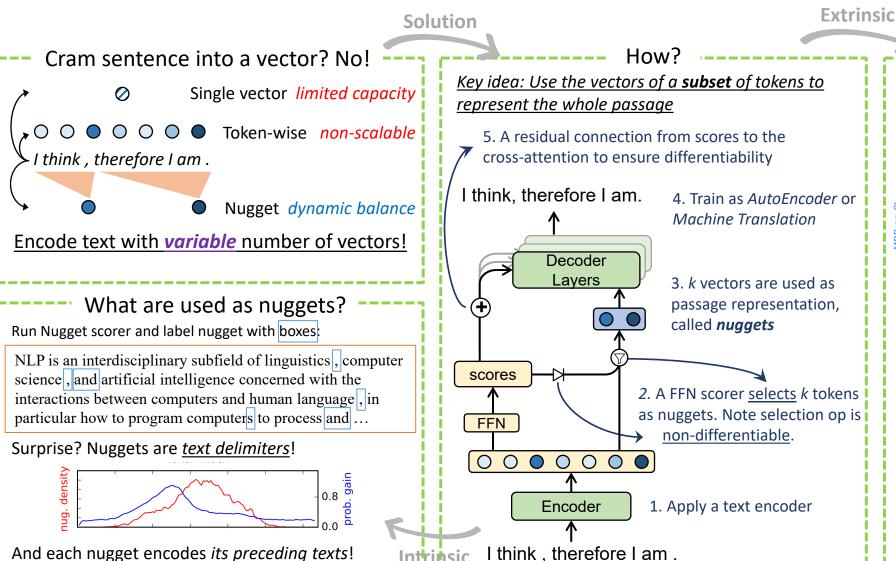
Nugget: Neural Agglomerative Embeddings of Text



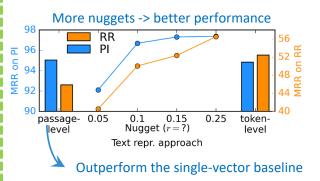
Guanghui Qin Benjamin Van Durme



What are they good for?

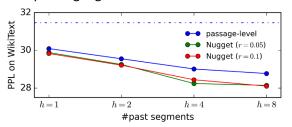
Document similarity test

Similarity between documents are measured by the many-to-many cosine similarity between their nugget vectors.



LM with compressed context

Nugget is used to provide a compressed context to help a language model.



Nugget lowers the PPL. Longer compressed context consistently brings better performance.