

	Weighted Frequency Count	Word2Vec	Doc2Vec	BERT
Word Substitu- tion	Good results on all documents. [Quality of similar words extracted is better than Word Stacking]	Decent results on all documents. [Approximating paragraph vectors performs well since the pretrained model is huge]	Decent results on large documents, but poor results on small to medium ones. [Paragraph Vectors are very random if the model is trained on a small document]	Good results on all documents, considering proper data cleaning. [Context is taken into account]
Word Stacking	Decent results, but not as good as Word Substitution. [Quality of similar words could have been better]	Better results than Word Substitution. [More similar words used]	Poor results on all documents. [Model results are heavily dependent on the context of the training data]	Better results than Word substitution. [More similar words used]