

cases	doc_1		doc_2		decision	id
	authors	<ul style="list-style-type: none"><li>Poerner, Nina</li><li>SchÅ¼tze, Hinrich</li><li>Waltinger, Ulli</li></ul>	authors	<ul style="list-style-type: none"><li>Nina Poerner and Ulli Waltinger and Hinrich SchÅ¼tze</li></ul>	DUPLICATES	309
	title	Sentence Meta-Embeddings for Unsupervised Semantic Textual Similarity	title	Sentence Meta-Embeddings for Unsupervised Semantic Textual Similarity		
	publication_date	2020-01-01 00:00:00	publication_date	2020-06-24 00:00:00		
	source	SupportedSources.CORE	source	SupportedSources.INTERNET_ARCHIVE		
	journal		journal			
	volume		volume			
	doi	10.5282/ubm/epub.72194	doi			
	urls	<ul style="list-style-type: none"><li>https://core.ac.uk/download/323181766.pdf</li></ul>	urls	<ul style="list-style-type: none"><li>https://web.archive.org/web/20200627043718/https://arxiv.org/pdf/1911.03700v3.pdf</li></ul>		
	id	id-6484347880971472127	id	id7426640678911235800		
	abstract	We address the task of unsupervised Seman- tic Textual Similarity (STS) by ensembling di- verse pre-trained sentence encoders into sen- tence meta-embeddings. We apply, extend and evaluate different meta-embedding meth- ods from the word embedding literature at the sentence level, including dimensionality re- duction (Yin and Schu ĩtze, 2016), generalized Canonical Correlation Analysis (Rastogi et al., 2015) and cross-view auto-encoders (Bolle- gala and Bao, 2018). Our sentence meta- embeddings set a new unsupervised State of The Art (SoTA) on the STS Benchmark and on the STS12â€™STS16 datasets, with gains of be- tween 3.7% and 6.4% Pearsonâ€™s r over single- source systems	abstract	We address the task of unsupervised Semantic Textual Similarity (STS) by ensembling diverse pre-trained sentence encoders into sentence meta-embeddings. We apply, extend and evaluate different meta-embedding methods from the word embedding literature at the sentence level, including dimensionality reduction (Yin and Sch\utze, 2016), generalized Canonical Correlation Analysis (Rastogi et al., 2015) and cross-view auto-encoders (Bollegala and Bao, 2018). Our sentence meta-embeddings set a new unsupervised State of The Art (SoTA) on the STS Benchmark and on the STS12-STS16 datasets, with gains of between 3.7% and 6.4% Pearson's r over single-source systems.		
	versions		versions			