cases	doc_1		doc_2		decision	id
	authors	• Poerner, N. • Waltinger, U. • SchÃ¼tze, H.	**authors**	• Nina Poerner and Ulli Waltinger and Hinrich SchÃ¼tze	DUPLICATES	278
	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.CROSSREF	**source**	SupportedSources.INTERNET_ARCHIVE		
	journal		**journal**			
	volume		**volume**			
	doi	10.18653/v1/2020.acl-main.628	**doi**			
	urls	• http://dx.doi.org/10.18653/v1/2020.acl-main.628	**urls**	• https://web.archive.org/web/20200627043718/https://arxiv.org/pdf/1911.03700v3.pdf		
	id	id9106553085938869306	**id**	id7426640678911235800		
	abstract		**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**			