cases	doc_1		doc_2		decision	id
	authors	- Poerner, N. - Waltinger, U. - SchÃ¼tze, H.	authors	- Nina Poerner - Ulli Waltinger - Hinrich SchÃ¼tze	DUPLICATES	279
	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	2019-11-09 14:31:03+00:00		
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	journal		journal	None		
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	doi	10.18653/v1/2020.acl-main.628	doi			
	urls	http://dx.doi.org/10.18653/v1/2020.acl-main.628	urls	- http://arxiv.org/pdf/1911.03700v3 - http://arxiv.org/abs/1911.03700v3 - http://arxiv.org/pdf/1911.03700v3		
	id	id9106553085938869306	id	id-144447573610121757		
	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			