

cases	doc_1		doc_2		decision	id
	authors	<ul style="list-style-type: none">Zosa, E.Boros, E.Koloski, B.Pivovarova, L.	authors	<ul style="list-style-type: none">Boros, EmanuelaKoloski, BoshkoPivovarova, LidiaZosa, Elaine	DUPLICATES	110
	title	EMBEDDIA at SemEval-2022 Task 8: Investigating Sentence, Image, and Knowledge Graph Representations for Multilingual News Article Similarity	title	EMBEDDIA at SemEval-2022 Task 8: Investigating Sentence, Image, and Knowledge Graph Representations for Multilingual News Article Similarity		
	publication_date	2022-01-01 00:00:00	publication_date	2022-07-11 00:00:00		
	source	SupportedSources.CROSSREF	source	SupportedSources.CORE		
	journal		journal			
	volume		volume			
	doi	10.18653/v1/2022.semeval-1.156	doi	None		
	urls	<ul style="list-style-type: none">http://dx.doi.org/10.18653/v1/2022.semeval-1.156	urls	<ul style="list-style-type: none">https://core.ac.uk/download/534018130.pdf		
	id	id4995162614818880375	id	id-74664122680781120		
	abstract		abstract	In this paper, we present the participation of the EMBEDDIA team in the SemEval-2022 Task 8 (Multilingual News Article Similarity). We cover several techniques and propose different methods for finding the multilingual news article similarity by exploring the dataset in its entirety. We take advantage of the textual content of the articles, the provided metadata (e.g., titles, keywords, topics), the translated articles, the images (those that were available), and knowledge graph-based representations for entities and relations present in the articles. We, then, compute the semantic similarity between the different features and predict through regression the similarity scores. Our findings show that, while our proposed methods obtained promising results, exploiting the semantic textual similarity with sentence representations is unbeatable. Finally, in the official SemEval-2022 Task 8, we ranked fifth in the overall team ranking cross-lingual results, and second in the English-only results.Peer reviewe		
	versions		versions			