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| cases | authors | • Boros, Emanuela<br>• Koloski, Boshko<br>• Pivovarova, Lidia<br>• Zosa, Elaine | | | DUPLICATES | 133 |
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| | 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 | | | | |
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| | | | authors | • Elaine Zosa<br>• Emanuela Boros<br>• Boshko Koloski<br>• Lidia Pivovarova | | |
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