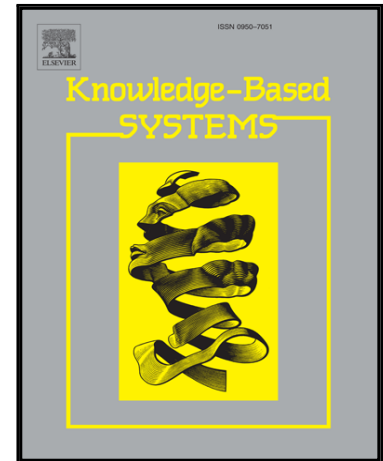


Accepted Manuscript

Interpretable Semantic Textual Similarity: Finding and explaining differences between sentences

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PII: S0950-7051(16)30507-X
DOI: [10.1016/j.knosys.2016.12.013](https://doi.org/10.1016/j.knosys.2016.12.013)
Reference: KNOSYS 3764



To appear in: *Knowledge-Based Systems*

Received date: 1 March 2016
Revised date: 9 December 2016
Accepted date: 11 December 2016

Please cite this article as: I. Lopez-Gazpio, M. Maritxalar, A. Gonzalez-Agirre, G. Rigau, L. Uria, E. Agirre, Interpretable Semantic Textual Similarity: Finding and explaining differences between sentences, *Knowledge-Based Systems* (2016), doi: [10.1016/j.knosys.2016.12.013](https://doi.org/10.1016/j.knosys.2016.12.013)

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Highlights

- We address interpretability, the ability of machines to explain their reasoning
- We formalize it for textual similarity as graded typed alignment between 2 sentences
- We release an annotated dataset and build and evaluate a high performance system
- We show that the output of the system can be used to produce explanations
- 2 user studies show preliminary evidence that explanations help humans perform better

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