

Review of: "Strategic Citations in Patents: Analysis Using Machine Learning"

Vitor Santos¹

¹ Universidade Nova de Lisboa

Potential competing interests: No potential competing interests to declare.

Overall comment: The paper presents an interesting approach to using an unsupervised machine learning algorithm (Doc2Vec) to measure the relationship between knowledge and patents by capturing the closeness of the ideas expressed in the patent text. It is pertinent.

Revision:

The article is clear, well written and organized.

It includes a reasonable theoretical background on patent text similarity.

The use of the first person singular should be avoided in scientific writing.

Some questions that should better explained:

- why only search US bibliographic text of patents from 1976 to the end of 2015 (9 years ago) ? In the meantime a lot has changed ~
- why only US data was considered in the study?
- why choose Doc2vec ? justify

Research limitation and future research directions are missing