Review of: "Current Trends in the Use of Machine Learning for Error Correction in Ukrainian Texts"

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Potential competing interests: No potential competing interests to declare.

The topic of the article is very interesting and highly topical, addressing Ukrainian grammatical errors, a language that is still considered a less resourced one. Nevertheless, authors can improve their article on several points. Here are some suggestions:

- Substitute "machine learning" with "deep learning" in the title and keywords, which is the real purpose of the paper.
- Review the "Analysis of Recent Research and Publications" section at both the title and content levels: (1) The section does not include only recent approaches; but at the beginning, it tries to classify the existed approaches. By the way, the authors have to remember that the syntax-based methods are regarded as rule-based methods. (2) In this section, it is better to have two sub-sections to distinguish between the methods' evolution in this domain and recent research introduced in the rest of the section.
- It is advisable to put the purpose of the paper in the introduction or in the first section besides the formulation of the problem, not after the state of the art.
- While listing the Ukrainian corpora and models, it is interesting to put for each one a reference or a URL.
- Do not put tables as figures, but use a table caption inside.
- For examples, it is preferable to provide Latin transcription and English translation for each sentence to enhance readability, especially for readers who are not familiar with the Ukrainian language.
- For the comparative study, it is recommended to add your own experimentations. Do not limit yourself to the state-of-the-art results.