

Response to the reviewers: Summary of changes made to the article

Following the constructive comments received during the first revision, several improvements have been made to the article to enhance clarity, technical precision and quality of presentation:

- **Linguistic quality:** Particular care has been taken to improve the quality of the English, with a grammatical revision of the article to ensure greater fluidity and coherence.
- **Clarity of presentation:** We have restructured and clarified several sections, mainly the abstract, introduction, results and conclusion, for a better understanding of our approach.
- **Contextualization:** The introduction has been enriched to better situate our work in the broader context of research on poorly endowed languages and self-supervised learning.
- **Minor technical corrections:** We have revised and checked all technical aspects mentioned in the paper, including equations and algorithms, to ensure that they are correctly explained and justified.