Adrien Coulet and co-authors

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Editorial Board

Bioinformatics

Oxford Academic

Date: July 3rd, 2024

Dear Editors,

We are pleased to submit our manuscript entitled “Facilitating phenotyping from clinical texts: the  
medkit library” to be considered for publication as an Application Note in Bioinformatics. This article describes an open-source Python library named medkit that aims to implement data treatment pipelines for phenotyping from clinical texts and associated tasks. We think medkit is mature and rich enough to be useful to a large community. The core contribution of medkit is that it offers operations and pipelines that are easy to reuse, chain, and evaluate, facilitating reproducible and open research.

We think that the scope of Bioinformatics is very suitable to our article because our contribution is about a tool that facilitate the consideration of clinical data, which are central to translational bioinformatics. The fact that a large part of clinical data is only available in texts, such as clinical notes, hospitalisation reports or exam reports, makes their use tedious. Indeed, the specificity and sensitivity of clinical texts motivate the need for dedicated tools and medkit aims at answering this need. Finally, the design of medkit as an open, FAIR, collaborative library makes us believe it has the potential to positively impact biomedical research.

This is original work that is not submitted elsewhere. No other manuscript or material about this work is under review by any journal. The people who revised the manuscript are the co-authors.

Thank you for the consideration of our manuscript for publication in Bioinformatics.

Sincerely,

Adrien Coulet\* and co-authors

\*Corresponding author, see contact information in the header of this letter.

The authors did not have any prior discussion with Bioinformatics Editorial Board members.

A picture containing table

Description automatically generatedAdrien Coulet