

Dear Editor,

Please find attached our revised manuscript into two versions: (1) A clean version, and (2) a version with marks showing our revisions (highlighted in pink colored text, and the removed text is crossed out, highlighted in yellow color).

We have considered all revisions you mentioned in the annotated PDF version of the manuscript. We have also revised the 'Abstract' by highlighting the principal results and conclusions of our study. Consequently, the 'Abstract' is now significantly shortened (276 words instead of 395 words in the previous version)

We thank you very much for your availability to handle our manuscript.

Very sincerely,

Slah Boulila

Corresponding co-author