

Reviewer #2: The authors have made changes to the manuscript that have improved the quality of the presentation. However, there is one sentence that needs to be justified or removed from the manuscript, namely the last sentence of the manuscript "However, these small-scale cells cannot alter the major findings of our study." No evidence is presented in the paper to justify this, and given that these small scales are not simulated I do not know how this could be justified.

Therefore, either the sentence should be removed or simulations at finer resolution should be conducted to justify the sentence. Otherwise, I do not think the paper should be published.

: We appreciate the valuable reviews. In response to the reviewer's suggestion, the corresponding sentence, "However, these small-scale cells cannot alter the major findings of our study.", has been removed in the revised manuscript.