

Dear Dr. Sandells,

Thank you. The following changes have been made and inserted in response to the editor's suggestion.

*“Thanks for your written response to my request for clarification. Perhaps there has been a technical issue, but the newly uploaded files appear to be the same as the previous files. Please could you include in the paper an explanation of the difference of the LUT developed in this publication i.e. why a new LUT was generated rather than using the original Mousavi version and what is the range and resolution of both LUT?”*

1. The specific contributions of the study, over previous studies including Mousavi et al. (2021), have been clarified and inserted in the Introduction Sec. (Lines 95-105, marked-up manuscript version).
2. The difference of the LUTs developed in this publication for the original Mousavi (2021) version is specified in lines 266-276 (marked-up manuscript version).

Thank you for your time.

Sincerely,

Alamgir, on behalf of all the authors. 6/68/2025