

Author's response to Referee #2

The authors would like to thank Referee #2 for the comments. We will incorporate all the suggestions in the revised manuscript.

1) Line 148: Eq.2 should be Eq.3.

AC: Yes, the Referee is right. We will reference the correct equation in the revised manuscript.

2) Line 230: typo, 'Therefor'.

AC: Thanks for finding the typo. We will correct it.

3) Line 410: Fig.2 should be Fig.3.

AC: Once again, thank you. We will point to the correct figure in the revision.

4) Figure 4: please add the label of y axis (numbers of grids?).

AC: Yes, the y-axis of the histograms in Fig. 4 shows the number of grid cells. We will add the label for the y-axis to make it clear.

5) Line 488: please check the number '69%', I noticed that this number is 61% in Figure 8.

AC: Thanks for pointing this out. We will change accordingly in the revised manuscript, and ensure that such mistakes are not repeated.