

We genuinely appreciate the work by the referees for helping with the improvement of the manuscript again! Please find our point-by-point responses below.

Reply to Referee #1 (Report #2)

Please check again the values in Tab. 2 – the corrigendum of Burton et al., 2015 was not considered.

A: The values in Tab. 2 related to the study of Burton et al. (2015) have been corrected according to their corrigendum.

Reply to Referee #2 (Report #1)

Table 1: SUMUM to SAMUM

Line 802: ... shows ... - to - ... show ...

Line 1145: ... di erence ... - to - ... the di erence ...

Line 1147: ... conspicuous ... - to - ... a conspicuous ...

Line 1172: ... is a much improvement ... - to - ... is a significant improvement ...

Line 1329: ... di erence is ... - to - ... the di erence is ...

Line 1422: ... compare ... - to - ... compared ...

Line 1461: ... with the slowly increase of ... - to - ... with the gradual increase of ...

Line 1563: ... depends ... - to - ... depend ...

Line 1619: ... has be given ... - to - ... has been given ...

Line 1880: ... noise presents. - to - ... noise is present.

Line 1886/7: ... likely to increase the ... - to - ... likely increase the ...

A: All these above technical corrections have been made in the final uploaded manuscript.