

Editor comments:

Thanks for your revisions, I find the manuscript now almost ready for publication. Below I list a few minor points which should be rather straight forward to address.

- 1) you use a lot of abbreviations, perhaps a list of abbreviations could be helpful? At least, please make sure to explain all abbreviations, as far as I can see, the description for SDD is missing
- 2) please follow the author guidelines with respect to the equations and avoid multi-letter variable names such as SR in eq 3, similar in eq 6&7, and the use of a x as multiplication sign
- 3) p10, you discuss the threshold and linear correlation, Perhaps computing rank correlations could be a good way to further evaluate this
- 4)p11, 113-19, these lines are no results, move to intro or discussion
- 5) p12|35, some word (verb) seems to be missing here

Authors response:

- 1) We have included a supplemental table that includes all abbreviations in the manuscript with a brief definition of each (Table S4). SDD was defined on pg. 5 line. 7.
- 2) We have updated the manuscript to avoid multi-letter variable names and changed all multiplication signs to the correct notation.
- 3) We have included a Spearman's rank correlation analysis statement into the manuscript (pg. 10 lines 28-30).
- 4) We have moved these lines into the Discussion (pg. 12 lines 9-15).
- 5) We have modified this sentence for clarity.