

Please note that the line numbers in our answers are referring to the updated manuscript.

Anonymous Referee #2:

General comments

I still have a problem with the main map (Fig S5) being in the supplements instead of the main part (given the title of the manuscript). Also, at the end of the discussion, the authors mention that "all three algorithms showed a relatively similar distribution of SOC content across the country particularly in mineral soils." Is it an effect of the colour scale? I think using a log scale would better highlight the patterns. At the moment we can only see some blueish blobs with some lighter areas in the northern and southern extremes.

Answer:

- The map of SOC content is relocated to the main text under Figure 7.
- Thank you for the suggestion, the maps are log scaled and the color scale is changed to highlight the pattern better.
- L461-464 is now combined.

Also, at the end of the supplements, there is a very important Disclaimer. Instead of hiding it at the very end, I think it should be incorporated as part of the discussion since it is raising some important points.

Answer:

- Thank you for your recommendation. We included the disclaimer in the caption of Figure 7 with further explanation in the L469-476