

Dear Mrs. Boix-Fayos,

thank you very much for the overall positive evaluation of our manuscript. We have tried to solve the remaining two issues in the below described way and hope that the revised manuscript has now sufficient quality to be published.

1. We have now included the average CN ratio of each site in Table 1, as an indicator for organic matter quality and potential N supply. Unfortunately, no other soil parameter has been measured.
2. We added some sentences on Average SOC and NPP in each city as an inter-city comparison. We found SOC and NPP to be highly correlated in that comparison, added a new figure on that and concluded that SOC is also determining NPP to some extent. The following sentences were added to the results: "The close link between NPP and SOC was also found when comparing city-average values of the two variables (Figure 6). The highest SOC concentrations and NPP values were found in Gothenburg. Interestingly, Gothenburg was also the city in which the difference between treatments was smallest for both parameters. This might reveal, that not only higher NPP leads to higher SOC, but that a presumably higher baseline SOC content can provide higher soil fertility and thus productivity even on extensively managed lawns."