

The authors have continued to improve the manuscript using additional evidence and more appropriate discussions. I recommend publication after one further consideration.

Are there any specific reasons that you used updated I-A method rather than A-A method mentioned by Kuwata et al. (2011) ? Can the authors use comparisons to priori density measurements to show that using I-A method is more reasonable than A-A methods?

References

Kuwata, M., Zorn, S. R., and Martin, S. T.: Using Elemental Ratios to Predict the Density of Organic Material Composed of Carbon, Hydrogen, and Oxygen, *Environ. Sci. Technol.*, 46, 787-794, 10.1021/es202525q, 2011.