

Abstract: "It was found that the PM10 emission factors from the combustion of wood-based waste samples were about twice that of firewood, whereas EFs in the range of 11–82 mg g⁻¹ were obtained for different types of plastic waste." This comparison and the mentioned EFs of plastic waste alone don't tell the full story since, as written, it's still not clear how plastic waste EFs compare with that of wood-based waste or firewood. Please also add a short sentence to better explain how different the EF of various fuels were.

L267: "The relative PAH emissions were higher by more than a factor of 50 in case of burning RAG, PE, TR and PET, and were well over a factor of 100 for PVC, PU, PP, PS and ABS." This modification is still confusing. I suggest rephrasing to "The PAH EFs from burning of RAG, PE, TR and PET were higher by more than a factor of 50 relative to wood combustion while those for PVC, PU, PP, PS and ABS were higher by well over a factor of 100."

I recommend adding a sentence to indicate that the mass of fuels burned could affect the results; however, in these experiments, care was taken to burn similar weights of fuel and the consistency with previous EFs indicate the approach and results are reliable.

You mentioned the following in your response, but it hasn't been added to the manuscript. Please add it: "The EFs were calculated using the weight of the waste specimens put into the stove. Here we note that the ash content of the plastics reported by Zevenhoven et al. (1997) (LDPE, HDPE, PP, PVC, PS) is below 3%." Also please clarify what the mass of the remaining ash for other fuels were.