

Atmos. Meas. Tech. Discuss., referee comment RC1  
<https://doi.org/10.5194/amt-2022-53-RC1>, 2022  
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## **Comment on amt-2022-53**

Anonymous Referee #1

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Referee comment on "Source apportionment of black carbon and combustion-related CO<sub>2</sub> for the determination of source-specific emission factors" by Balint Alföldy et al., Atmos. Meas. Tech. Discuss., <https://doi.org/10.5194/amt-2022-53-RC1>, 2022

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The study includes an investigation about the source apportionment of black carbon and combustion-related CO<sub>2</sub> in order to determine source-specific emission factors. The analysis was carried out on a three-month long BC and CO<sub>2</sub> dataset collected at three monitoring locations in Ljubljana. The authors analysed BC and CO<sub>2</sub> concentrations. I highly recommend publishing the revised manuscript. I list some comments and additions that would substantially improve the manuscript in the attached file

Please also note the supplement to this comment:

<https://amt.copernicus.org/preprints/amt-2022-53/amt-2022-53-RC1-supplement.pdf>