



Interactive comment on “Trends, composition, and sources of carbonaceous aerosol in the last 18 years at the Birkenes Observatory, Northern Europe” by Karl Espen Yttri et al.

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The authors own Action items:

We have made the following changes and additions to the paper separate from the comments made by Referee #1 and #2 and the short comment made by Martin Schulz:

We realized that the title of our revised manuscript could be improved, making the following change: “Trends, composition, and sources of carbonaceous aerosol at the Birkenes Observatory, Northern Europe, 2001-2018. Hence, it would be possible for a future reader to know the time span the paper covers by just reading the title. For sure,

C1

the phrase “last 18 years”, used in the original title is imprecise. (Line 1-2) and (Line 1-2 in Suppl.)

“TRA/IND” was stated the other way around (IND/TRA) three places in the manuscript, we have changed this so that all reads “TRA/IND”.

We have switched from “Positive Matrix Factorisation” to “Positive Matrix Factorization” due to the US origin of this analytical approach and for consistency throughout the manuscript.

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2020-1165>, 2020.