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Reading, 22/08/2022,

Answer to final review (technical corrections) of “Monitoring multiple satellite Aerosol Optical Depth (AOD) products within the Copernicus Atmosphere Monitoring Service (CAMS) data assimilation system” as a research paper for ACP.

Dear Editor,

Please find the revised version of the manuscript entitled “Monitoring multiple satellite Aerosol Optical Depth (AOD) products within the Copernicus Atmosphere Monitoring Service (CAMS) data assimilation system” along with the response to reviewer 3 technical corrections.

We would like to thank reviewer 3 for the suggested modifications on the paper that helped to improve the quality of the paper.

1) *Some related work focusing on evaluation of various global aerosol products should be mentioned, e.g.,*

<https://doi.org/10.5194/acp-19-7183-2019>

<https://doi.org/10.1016/j.atmosenv.2018.12.004>

⇒ We added both references. We used them in Introduction (line 72, line 80-82) and in the discussion (line 784)

2) *Line 145: 201?*

⇒ We corrected the typo, replaced by Sayer et al., 2018a

3) *Figures 2, 3, 6, 7: The interval between the upper and lower figures is too large. Better add (a), ..., (d) for each subplot (similar issue for other figures).*

⇒ The interval between the upper and lower panels has been removed. We chose to not add a), b) ... to identify the panels because each panel has an explicit title that clearly indicates the AOD product.

4) *Too many figures for a research paper, any possibility for merging some graphs (as subplots) of the same type, e.g., Figures 4 and 5; 8 and 9; 15 and 16; and 17 and 18?*

⇒ We reduced the number of figures by grouping 6 and 7; 8 and 9; 15 and 16; 17 and 18 as suggested.

Sincerely,

Sebastien Garrigues on behalf of co-authors