

Interactive comment on "A Neural Network Aerosol Typing Algorithm Based on Lidar Data" *by* Doina Nicolae et al.

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1) page 2 line 28, delete "collected" (repetition) Deleted from the manuscript. 2) page 3 line 1, you can add references for forest-fire smoke plumes transported over large areas A reference was added to "Vaughan, G., A. P. Draude, H. M. A. Ricketts, D. M. Schultz, M. Adam, J. Sugier, and D. P. Wareing, 2018: Transport of Canadian forest fire smoke over the UK as observed by lidar, Atmos. Chem. Phys., 18, 11375–2 11388, 10.5194/acp-18-11375-2018." 3) page 4 line 13, delete "of" after the word "capable" Deleted from the manuscript. 4) page 7 line 17, "as close as" instead of "a close as" The paragraph was replaced in the new version of the manuscript. 5) page 11 line 33, delete the second "contain" Corrected in the manuscript.

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