

Dear Editor,

Thank you very much for handling our paper. We have removed the words as requested:

days, the relative contribution to SOA from diesel IVOCs could be greater than 40% (calculated as the difference between SOA modelled with addDiesel and Base, relative to addDiesel:  $(\text{addDiesel} - \text{Base}) / \text{addDiesel}$ ). We note that Fig. 17a shows that in the addDiesel simulation, the modelled BSOA+Background OA still makes up 53% of the SOA, as an annual average. This value is based on the assignment of the constant background OA in the model to natural SOA, which is what it is intended to represent. ~~Some of this~~ This may have some anthropogenic origin, and more research on the missing (or boundary condition) sources that this background constant represents is needed for accurate attribution of the biogenic vs anthropogenic relative contributions.

With best wishes,

Riinu Ots