

## ***Interactive comment on “Primary and secondary organic aerosol from heated cooking oil emissions” by Tengyu Liu et al.***

**Anonymous Referee #1**

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Generally, this manuscript is well-written and contain good scientific content. I would like to recommend for publication if the authors could address some comments as the following: 1. Line 142-144. The author mention about the use of SMPS, but I have seen any results from these instrument. It is maybe better if the authors could show the evolution of particle number size distribution during the experiment. 2. Smog chamber experiments: I think the author should describe in more details about the experiment: How many experiments the authors conducted for each oil cooking? The time resolution of each instruments? 3. What about the uncertainty of the the number H:C, O:C for SOA that the author presented in the Fig.8?

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2018-485>, 2018.