

Reply to the Editor's comments:

Thank you to the editor for suggesting these language improvements. We have implemented all suggested improvements in the new revised version.

Minor editorial comments:

*Abstract, 19: "For six variables we found evidence of emissions from cooking"; suggestion to revise as follows: "We found influence of cooking emissions on six variables". Additionally, suggestion to add out of how many variables, e.g., influence on six of x variables.

→ We have revised the text according to the editor's suggestion.

*Abstract, lines 19-20: "particle number concentration of smaller (particle diameter $d_p > 20.5$ nm) and larger particles ($d_p > 250$ nm)"; suggestion to revise as follows: "number concentration of smaller (particle diameter $d_p > 20.5$ nm) and larger ($d_p > 250$ nm) particles"

→ We have revised the text according to the editor's suggestion.

Figure 1: It is unclear why only HEPA is defined in the Figure 1 caption. It seems that some of the other abbreviations are spelled out in the text but not all of them. Suggestion to define all abbreviations that are not spelled out in manuscript or SI and add text that other abbreviations are defined in manuscript or SI.

→ We have checked Figure 1 for undefined abbreviations. The only abbreviation that was not defined in the Supplemental Information (Table S2) yet was NO_x. We added this definition to Table S2 (which is referenced in the figure caption of Figure 1), where most of the abbreviations are defined.