

Dear Prof. Maenhaut,

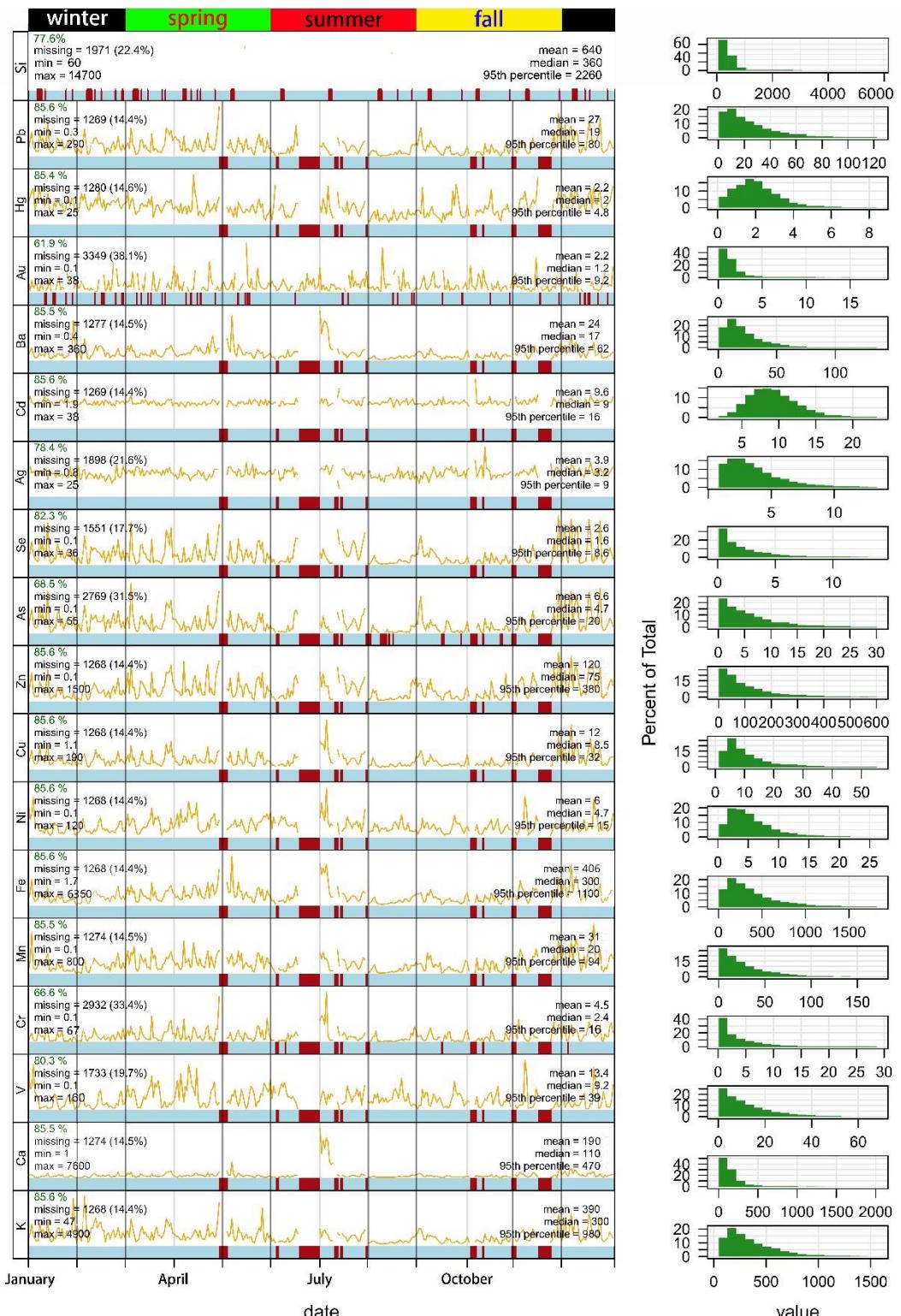
Thanks again for your careful revision. Below please see our point-by-point reply to your comments.

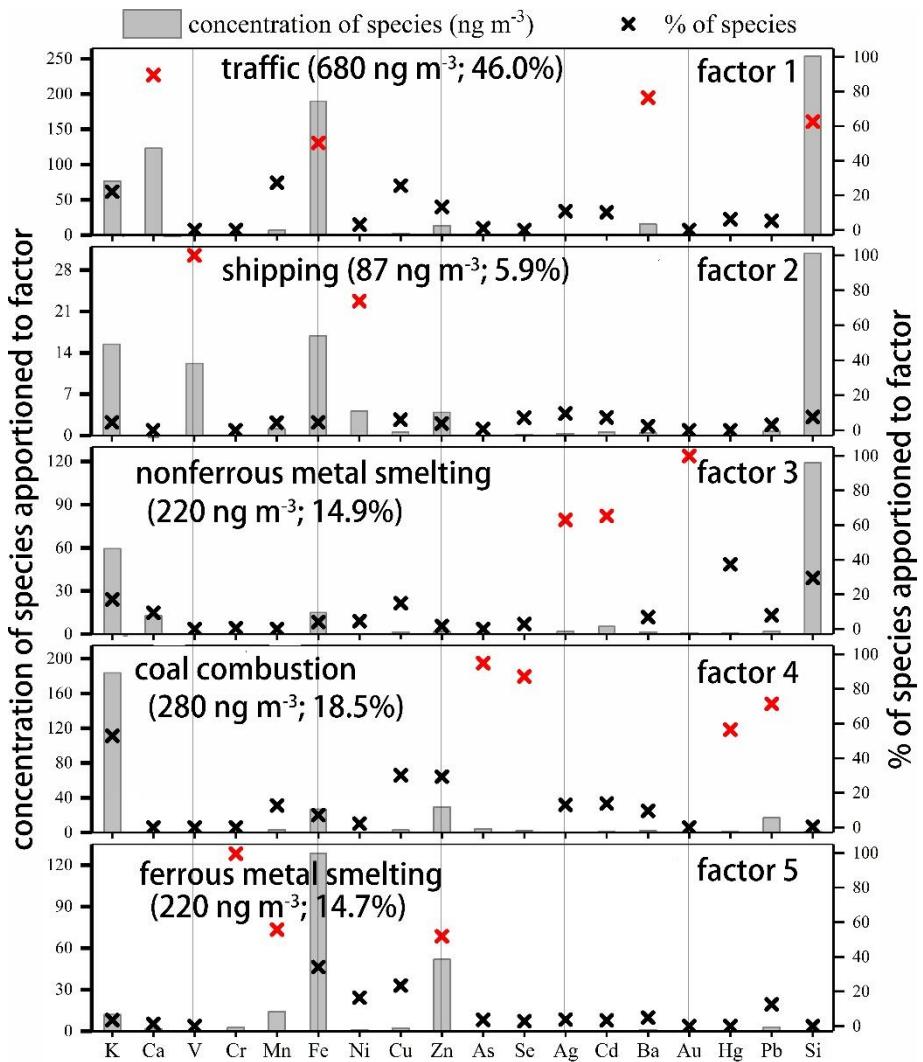
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Comments for the Main text:

*1. My comment about significant figures is still not properly addressed. For example, within Figure 2, for Si, max should be 14700, mean 640, median 360, and 95th percentile 2260. Within Figure 3, for traffic, it should be 680, for shipping 87, and so on. In line 339, it should be "640 ± 1010", in line 340 "410 ± 390", and so on. In line 409, it should be "90%, 50%, 77%, and 63%". In line 427, it should be "640".*

Reply: All the significant figures in the texts, tables, and figures in “Results and discussion” section have been carefully checked and corrected. Here we show the revised versions of figure 2 and figure 3.





2. A few references in the Reference list are not in the appropriate order:

"Paatero and Tapper, 1994" should come before "Paatero et al., 2014".

20 Reply: Revised accordingly.

Comment for the Supplement:

Page 7, line 1 above Figure S1: Replace "predetermined" by "selected".

Reply: Revised accordingly.