

## ***Interactive comment on “Sectorial and regional uncertainty analysis of the contribution of anthropogenic emissions to regional and global PM<sub>2.5</sub> health impacts” by Monica Crippa et al.***

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This is an interesting study investigating sectorial and regional impacts of anthropogenic emission to regional and global air quality and health. It is a very exciting study, and the topic is very important. I only have a short comment.

There is a previous comprehensive study assessing the sectorial and regional impacts of both anthropogenic and natural emissions to PM<sub>2.5</sub> over Central Asia. It would be helpful if the authors include this reference and add some discussions on how your results over this region compare with previous studies.

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### Reference:

Kulkarni, S., Sobhani, N., Miller-Schulze, J. P., Shafer, M. M., Schauer, J. J., Solomon, P. A., Saide, P. E., Spak, S. N., Cheng, Y. F., Denier van der Gon, H. A. C., Lu, Z., Streets, D. G., Janssens-Maenhout, G., Wiedinmyer, C., Lantz, J., Artamonova, M., Chen, B., Imashev, S., Sverdlik, L., Deminter, J. T., Adhikary, B., D’Allura, A., Wei, C., and Carmichael, G. R.: Source sector and region contributions to BC and PM<sub>2.5</sub> in Central Asia, *Atmos. Chem. Phys.*, 15, 1683-1705, <https://doi.org/10.5194/acp-15-1683-2015>, 2015.

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2017-779>, 2017.

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