

Interactive comment on “Sectorial and regional uncertainty analysis of the contribution of anthropogenic emissions to regional and global PM_{2.5} health impacts” by Monica Crippa et al.

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We acknowledge the comment posted by N. Sobhani however the type of analysis of his study is a bit different from the purpose of our work. Kulkarni, S. et al. mainly look at the intercontinental transport of pollution from Europe and Russia to Central Asia and try to identify the sources of pollution. In addition they focus on large scale biomass burning emissions while this source is not considered in our study. Similarly to Kulkarni, S. et al. we identify the residential, industry and partly the transport sector as the most important ones contributing to PM formation in Asia, together with the power sector for the secondary inorganic fraction of PM. Although we recognize the relevance

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of the work of Kulkarni, S. et al., we think the citation of their study is not fully pertinent with the purpose of our work.

References 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., Sverdluk, L., Deminter, J. T., Adhikary, B., D’Allura, A., Wei, C., and Carmichael, G. R.: Source sector and region contributions to BC and PM_{2.5} in Central Asia, *Atmos. Chem. Phys.*, 15, 1683-1705, <https://doi.org/10.5194/acp-15-683-2015>, 2015.

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