

# ***Interactive comment on “Cluster analysis of European surface ozone observations for evaluation of MACC reanalysis data” by Olga Lyapina et al.***

## **Anonymous Referee #2**

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The manuscript describes a clustering analysis of MACC model data and Airbase observations for four years. A K-means clustering technique was used to group and provide distinctions among various monitors across Europe. The authors provide meaningful explanations for their results and the techniques appear robust. I found the article well written and thought all the main findings were clearly communicated. There was sufficient evidence provided in the data to support the findings. I was especially interested in the explanations for the clustering of certain monitors. The comparison with modeling data was also appropriate. There were some minor editing comments I had, but it appears a previous referee caught nearly all mine and more!

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Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2015-971, 2016.

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Discussion paper

