

Interactive comment on “Impact of molecular structure on secondary organic aerosol formation from aromatic hydrocarbon photooxidation under low NO_x conditions” by L. Li et al.

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The statistical evaluation is addressed in the revised manuscript and a detailed analysis of the statistical evaluation are included in the replies to Comment 5, 10 and 11. Additional mechanism discussion is included in the revised manuscript to provide interpretation for the results. See replies to Comment 9 and 12 for details. The implications of this work to ambient environments and air quality models is further enhanced as described in Comment 13. A point by point reply to the reviewer is listed below.

Please also note the supplement to this comment:

C1

<http://www.atmos-chem-phys-discuss.net/acp-2015-871/acp-2015-871-AC1-supplement.pdf>

Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2015-871, 2016.