

Interactive comment on “Modelling of organic aerosols over Europe (2002–2007) using a volatility basis set (VBS) framework with application of different assumptions regarding the formation of secondary organic aerosol” by R. Bergström et al.

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This is a very valuable contribution to the studies concerning organic aerosol modeling in Europe. I have just a couple of comments for the completeness of this paper since authors refer to our study (Aksoyoglu et al., 2011).

- In section 6.8 "Comparison to AMS measurements", (page 5455), "They used the CAMx model with 1-way nesting.....". There is probably a misunderstanding: CAMx

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model incorporates 2-way grid nesting. We used 1-way nesting only in the meteorological model MM5.

- In Table 7, authors compared their model results to AMS measurements as well as our model results. However, our OA mass is missing -which is given as $4.51 \mu\text{g m}^{-3}$ in Table 3 of our paper (Aksoyoglu et al., 2011).

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