

Interactive comment on “Assessment of past, present and future health-cost externalities of air pollution in Europe and the contribution from international ship traffic using the EVA model system” by J. Brandt et al.

Anonymous Referee #1

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General Comments.

This is a well written and concise paper, addressing a topic of substantial political relevance, based on a thorough scientific analysis. The integrated model system EVA is one of the few model systems in which the whole change from emissions to exposure and external costs are covered. The important message of the paper is next to the functioning of the EVA-model system- that in 2020 air quality has still a major negative impact on human health, and that ship emissions form a source of increasing importance

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Specific comments

The comparison with other similar studies give-although more implicit than explicit- a good indication of the uncertainty in both the premature deaths and the external costs associated with the exposure. A rough figure of the uncertainty- as one-sigma- of 30 % might be defensible.

Technical comments

The authors should be complimented that no obvious typo's could be found..

Interactive comment on Atmos. Chem. Phys. Discuss., 13, 5923, 2013.