

## ***Interactive comment on* “Global indirect aerosol effects: a review” by U. Lohmann and J. Feichter**

**U. Lohmann and J. Feichter**

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Response to reviewer 1 (Steve Ghan):

- 1) We will add the dependence of the indirect effects on the background aerosol concentration, that's a good point.
- 2) We will discuss the competition between natural and anthropogenic aerosols as CCN as suggested.
- 3) We will address the importance of predicting aerosol number in addition to mass in modal representations including those references that you have suggested in the revised manuscript.
- 4) We feel that discussing feedbacks of clouds on aerosols in depth would be beyond the scope of this paper. As suggested, we will discuss the paper by Baker and Charlson

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(1990) and also some other papers in this context.

All specific comments will be incorporated.

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Interactive comment on Atmos. Chem. Phys. Discuss., 4, 7561, 2004.

**ACPD**

4, S2961–S2962, 2004

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