

Interactive comment on “Regional and global climate response to anthropogenic SO₂ emissions from China in three climate models” by M. Kasoar et al.

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During the review process, the authors have made some refinements and corrections to other parts of the manuscript not explicitly covered by the responses to the anonymous referees. The most notable revisions are that we have added a comparison against OMI SO₂ observations to the model validation section, and we have updated the GISS-E2 clear-sky flux diagnostics, as the previously quoted values were diagnosed using a different method of calculation than the other two models. This results in minor changes to the conclusions regarding the significance of cloud interactions, but otherwise does not change the message of the paper. The additional changes in the manuscript are described in detail in the attached PDF supplement.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/acp-2015-1017/acp-2015-1017-AC4-supplement.pdf>

Interactive comment on *Atmos. Chem. Phys. Discuss.*, doi:10.5194/acp-2015-1017, 2016.

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