

## ***Interactive comment on “Strong modification of stratospheric ozone forcing by cloud and sea ice adjustments” by Y. Xia et al.***

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This is an interesting paper. The authors might like to consider the conclusions reached in the attached .pdf, which examined factors like cloud cover, surface nature and temperature, and the important influence of actual local observations of ozone and water vapour. The use of matching observed outgoing long wave radiation to underlying cloud was a useful innovation.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/acp-2016-175/acp-2016-175-SC2-supplement.pdf>

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Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2016-175, 2016.