

***Interactive comment on “Exploring
accumulation-mode-H₂SO₄ versus SO₂
stratospheric sulfate geoengineering in a
sectional aerosol-chemistry-climate model” by
Sandro Vattioni et al.***

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I find this sentence in the abstract very confusing: "The modelled all-sky (clear-sky) shortwave radiative forcing for AM-H₂SO₄ injection scenarios is up to 17-70 % (44-57 %) larger than is the case for SO₂." Since you use parentheses the normal way in the rest of the abstract, this usage makes the reader take a long time to figure out what you mean. Please just write this out as, "The modelled all-sky shortwave radiative forcing for AM-H₂SO₄ injection scenarios is up to 17-70% larger than is the case for SO₂, and up to 44-57% larger for the clear-sky case." This takes little more space and is easy to

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understand. I also have a question about the sentence. How can a value be up to a range of values? Shouldn't it be, "The modelled all-sky shortwave radiative forcing for AM-H₂SO₄ injection scenarios is up to 70% larger than is the case for SO₂, and up to 57% larger for the clear-sky case." ?

I have not read the rest of the paper yet, but if you use parentheses like this in it, please change the text. See my article:

Robock, Alan, 2010: Parentheses are (are not) for references and clarification (saving space). Eos, 91(45), 419, doi:10.1029/2010EO450004. <http://climate.envsci.rutgers.edu/robock/Parentheses2010EO450004.pdf>

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2018-1070>, 2018.