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Comment

Interactive comment on “An updated analysis of the attribution of stratospheric ozone and temperature changes to changes in ozone-depleting substances and well-mixed greenhouse gases” by A. I. Jonsson et al.

Anonymous Referee #2

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The paper is a well written addendum to a paper published in 2008 in ACP (SJ2008). It is repeating the attribution analyses presented in SJ2008 using an updated version of the CMAM model, which includes now an improved treatment of CO₂ heating rates in the stratosphere. The paper is fairly technical in nature, but adds an interesting level of detail to the original paper. The paper as it stands is suitable for publication in ACP as a technical note. Given the length of the paper, the authors might want to consider shortening the abstract. An additional sentence in the discussion mentioning the role of ODSs as greenhouse gases might be appreciated as well. I know the authors have

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mentioned this in their reply to the previous paper, but it would help the uninitiated reader.

Interactive comment on Atmos. Chem. Phys. Discuss., 9, 14857, 2009.

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