Interactive comment on “Sulfate geoengineering: a review of the factors controlling the needed injection of sulfur dioxide” by Daniele Visioni et al.

Daniele Visioni et al.
daniele.visioni@aquila.infn.it

Received and published: 12 January 2017

Response to referee #1 attached as supplement.

Please also note the supplement to this comment:
http://www.atmos-chem-phys-discuss.net/acp-2016-985/acp-2016-985-AC1-supplement.pdf

Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2016-985, 2016.
The sensitivity of each dynamical effect to the SO$_2$ aerosol distribution indicates the main transport pathways of the aerosol particles, as explained in panel (b). The sensitivity of each thermal-dynamical effect to the SO$_2$ aerosol distribution indicates the main transport pathways of the aerosol particles, as explained in panel (b).
Figure 4. Summary of direct and indirect SG global TOA RF per component (see sections 2.1 - 2.2).