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Interactive comment on "A statistical examination of the effects of stratospheric sulphate geoengineering on tropical storm genesis" *by* Qin Wang et al.

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Furthermore, recent work (Visioni et al., 2018 ACP in discussion) explores the surface cooling impact on upper tropospheric cirrus cloud formation, and the concomitant impact on static stability. Surface cooling and lower stratospheric warming, together, tend to stabilize the atmosphere, thus decreasing turbulence and updraft velocities. The net effect is an induced cirrus thinning, which indirectly increases net global cooling due to the SAI.

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