



*Supplement of*

## **The representation of solar cycle signals in stratospheric ozone – Part 1: A comparison of recently updated satellite observations**

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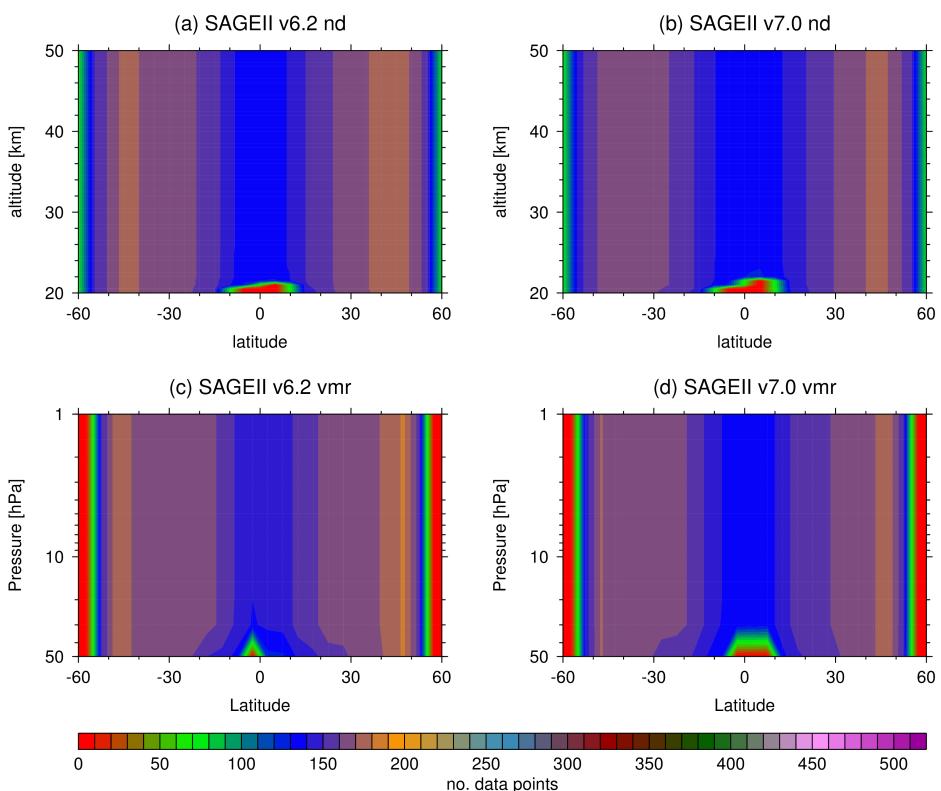


Figure S1: The number of data points as a function of latitude and pressure/altitude used in the multiple linear regression (MLR) model to diagnose the annual mean solar-ozone response (SOR) for (a) SAGE II v6.2 nd; (b) SAGE II v7.0 nd; (c) SAGE II v6.2 vmr; and (d) SAGE II v7.0 vmr.

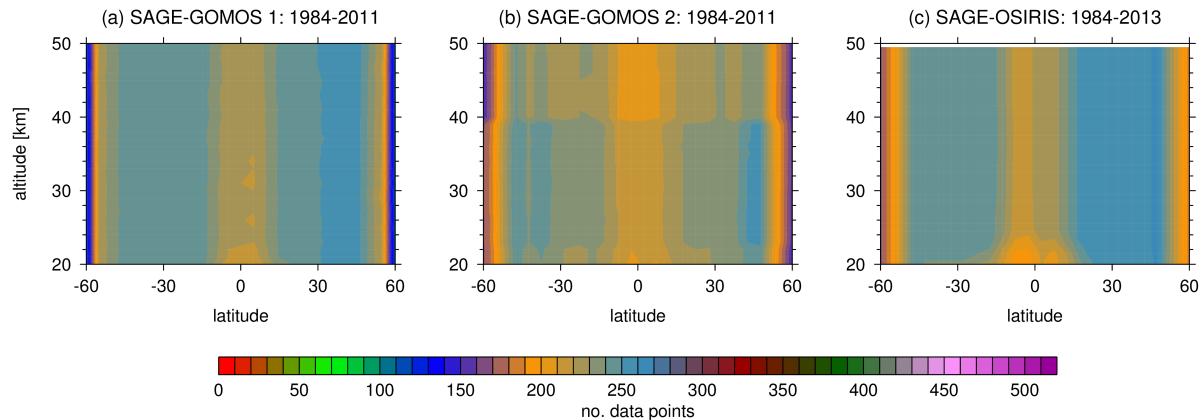


Figure S2: As in Figure S1, but for (a) SAGE-GOMOS 1; (b) SAGE-GOMOS 2; (c) SAGE-OSIRIS.

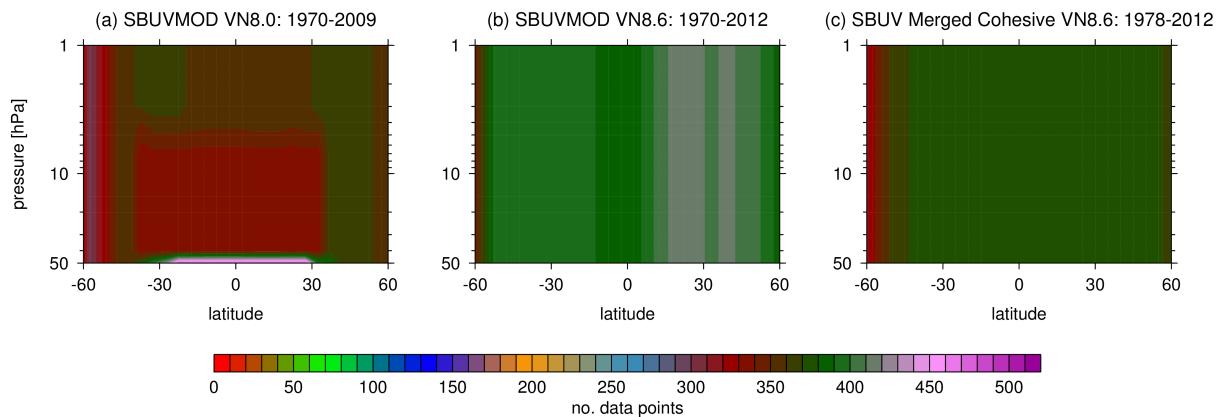


Figure S3: As in Figure S1, but for (a) SBUVMOD VN8.0; (b) SBUVMOD VN8.6; (c) SBUV Merged Cohesive VN8.6.