



Supplement of

Measurement report: regional trends of stratospheric ozone evaluated using the MERged GRIdded Dataset of Ozone Profiles (MEGRIDOP)

Viktorija F. Sofieva et al.

Correspondence to: Viktorija F. Sofieva (viktorija.sofieva@fmi.fi)

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The Supplement to the paper “Measurement report: Regional trends of stratospheric ozone evaluated using the Merged GRidded Dataset of Ozone Profiles (MEGRIDOP)” by Sofieva et al.

This supplement contains additional illustrations in support of the paper.

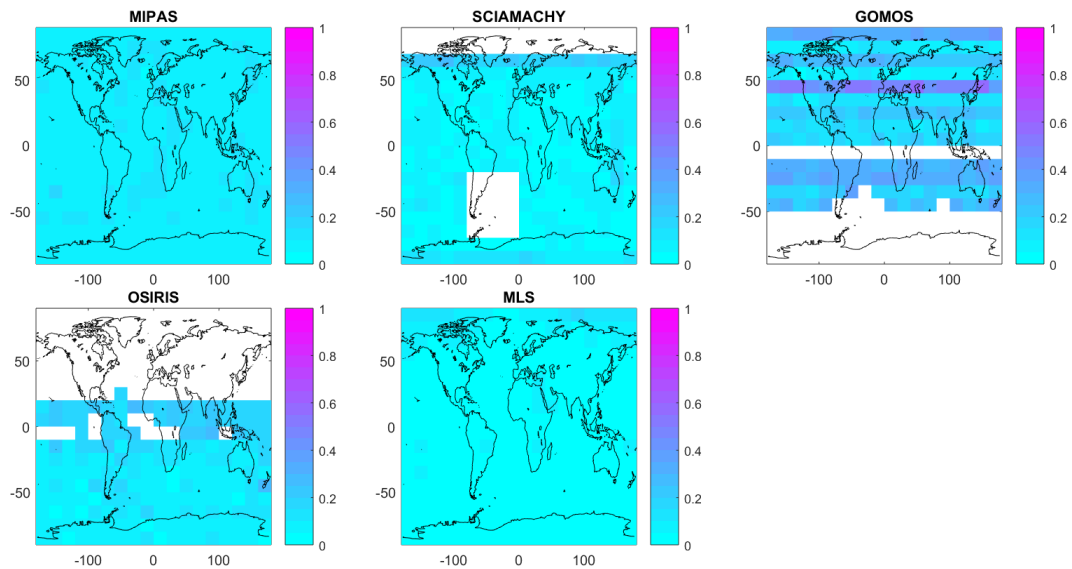


Figure S1. Inhomogeneity measure H_{time} (see text of the paper) for different satellite dataset in January 2008. The more homogeneous, the smaller H_{time} is.

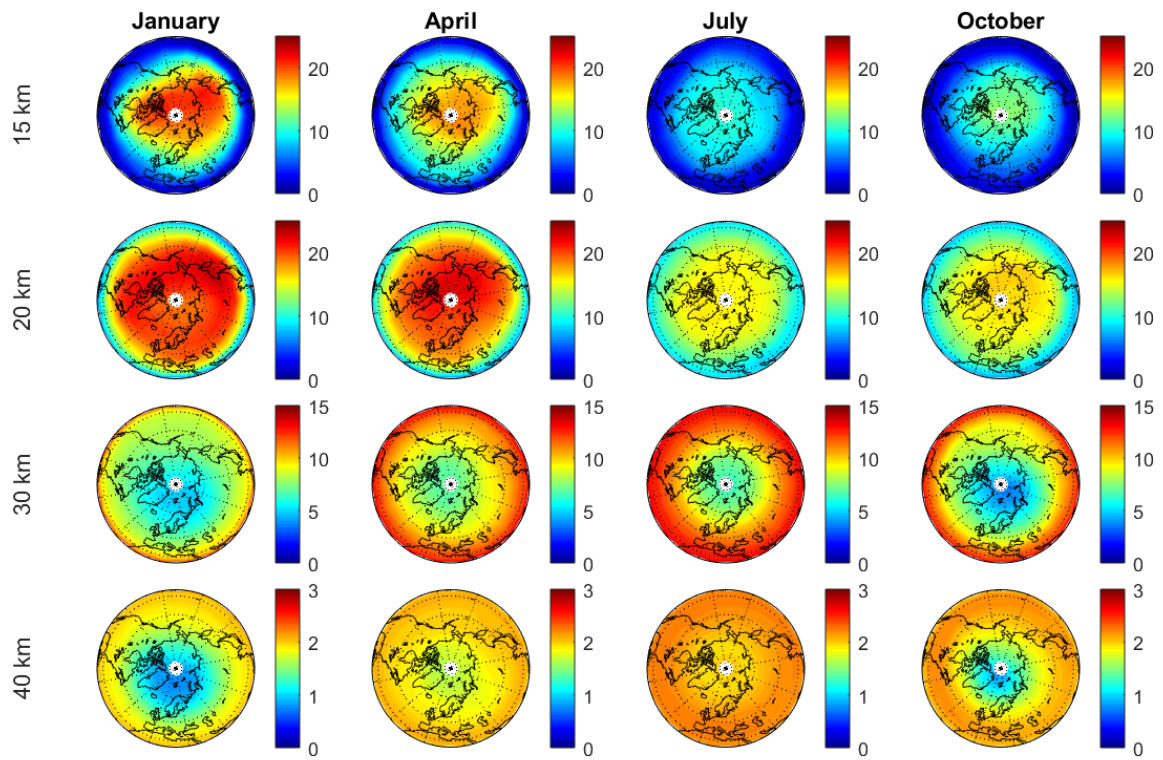


Figure S2. Climatological ozone distributions (in DU/km), for January, April, July, and October, for selected altitude levels (15, 20, 30, and 40 km), Northern Hemisphere polar projection.

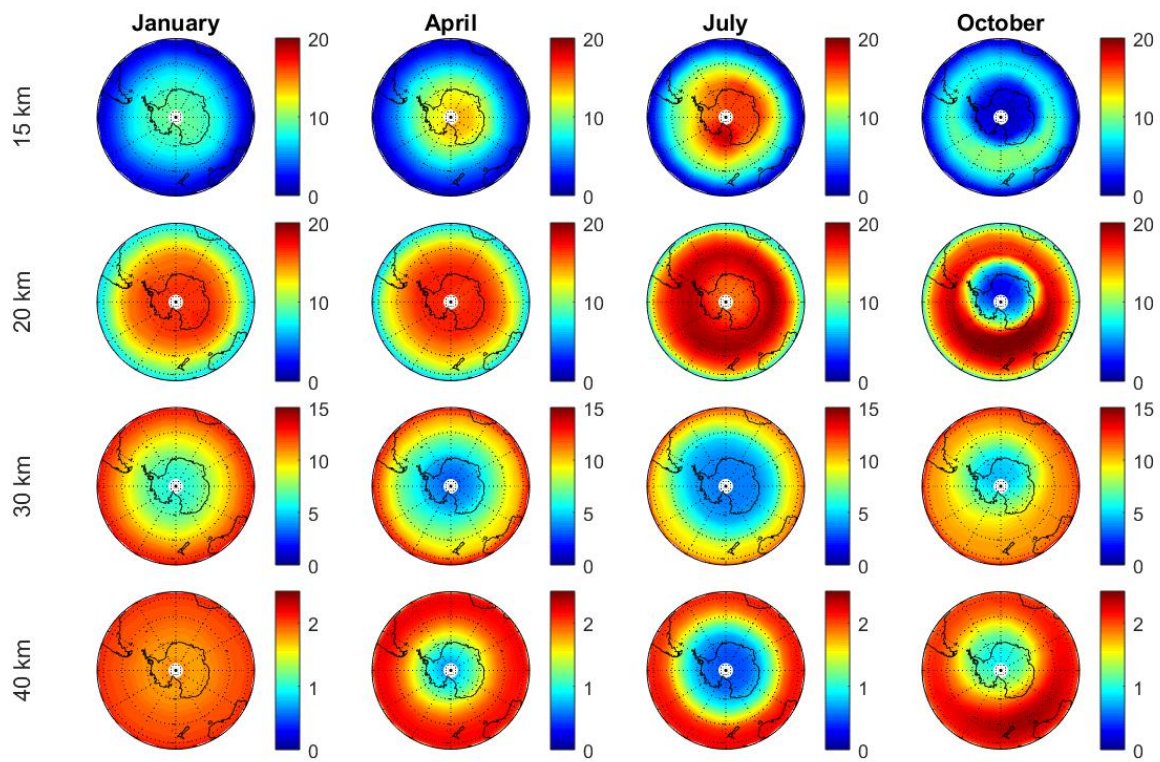


Figure S3. As Figure S2, but for Southern Hemisphere polar projection.

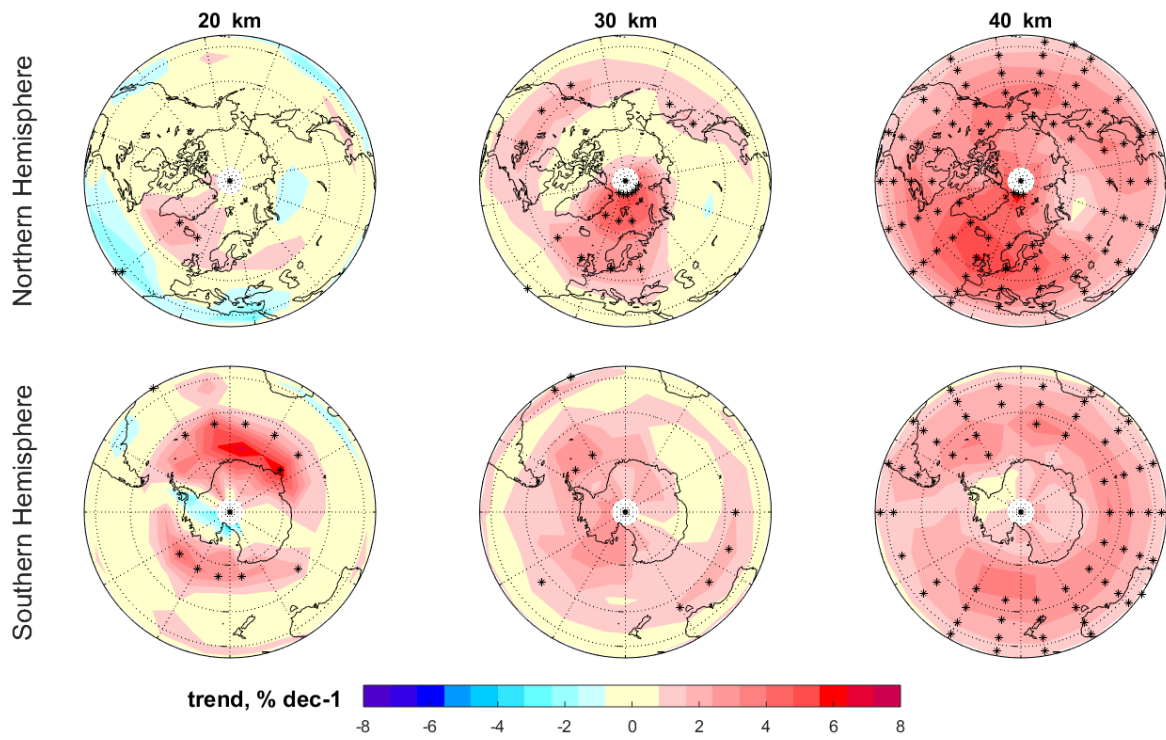


Figure S4. Ozone trends ($\% \text{dec}^{-1}$) at 20 km (left), 30 km (center) and 40 km (right), in Northern (top) and Southern (bottom) polar projections. Statistically significant trends are indicated by stars.