



Supplement of

Seasonal changes in the tropospheric carbon monoxide profile over the remote Southern Hemisphere evaluated using multi-model simulations and aircraft observations

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Supplementary Material for “Seasonal changes in the tropospheric carbon monoxide profile over the remote Southern Hemisphere evaluated using multi-model simulations and aircraft observations”

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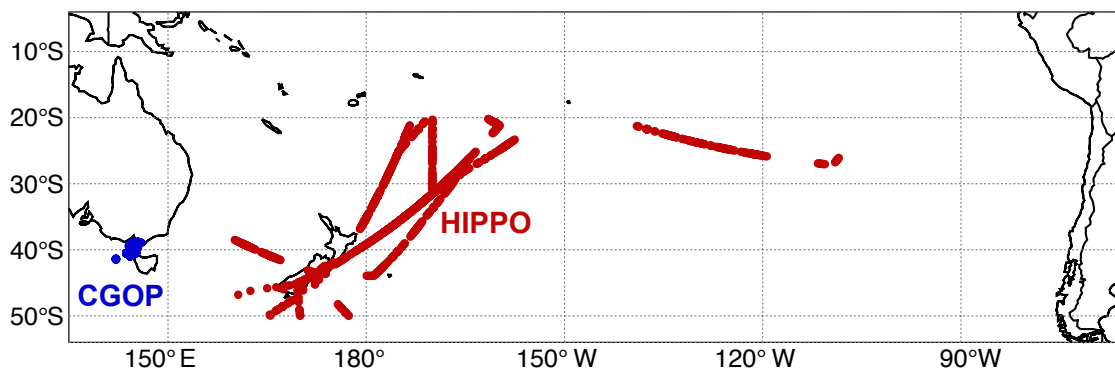


Figure S1. Sampling locations for CGOP (blue) and HIPPO (red) used in this work. CGOP includes all flask samples except those located near Melbourne. HIPPO includes merged observations below 8 km over South Pacific mid-latitudes (20-50°S, 160°E-90°W) for which “best available” CO measurements exist (see text). HIPPO data collected at low altitudes over the city of Christchurch are excluded from the analysis.

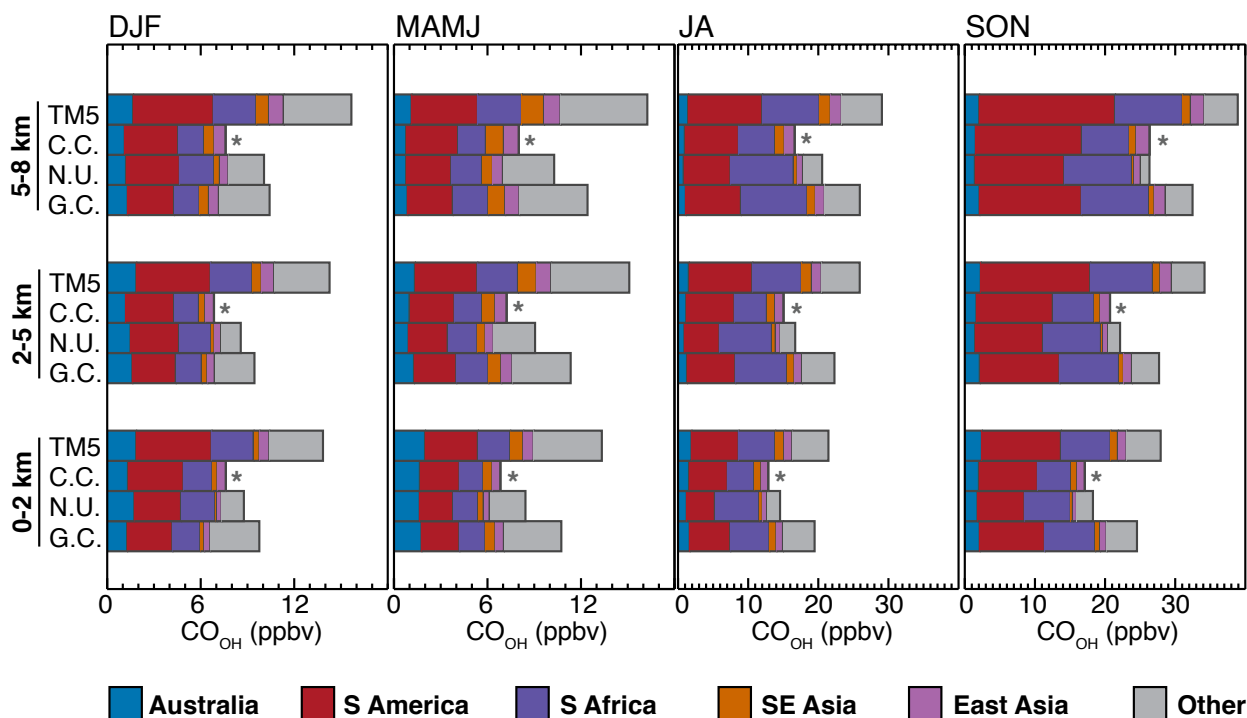


Figure S2. Same as Fig. 7 but for CO_{OH}. The * indicates the “other” contribution could not be calculated in CAM-chem as the simulation did not include a global CO_{OH} tracer.

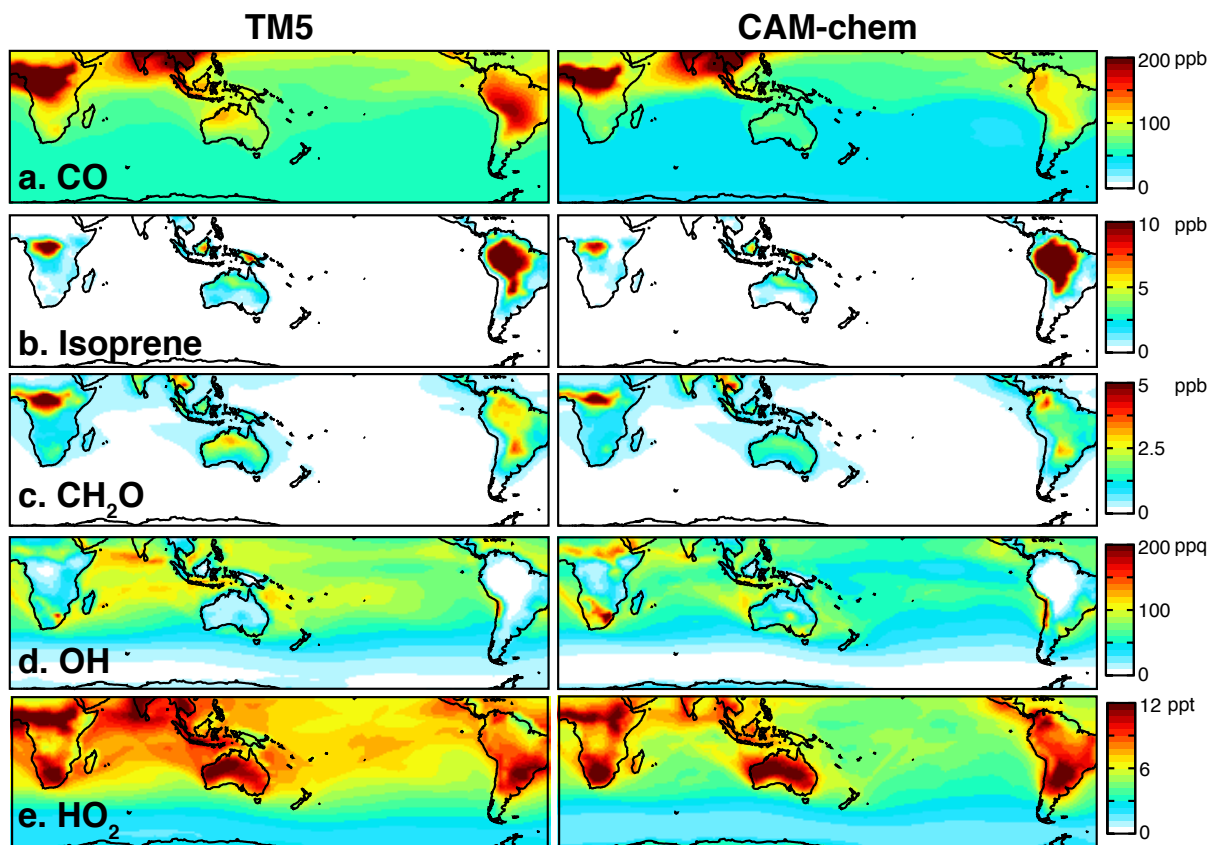


Figure S3. Same as Fig. 8, but for TM5 and CAM-chem surface means.

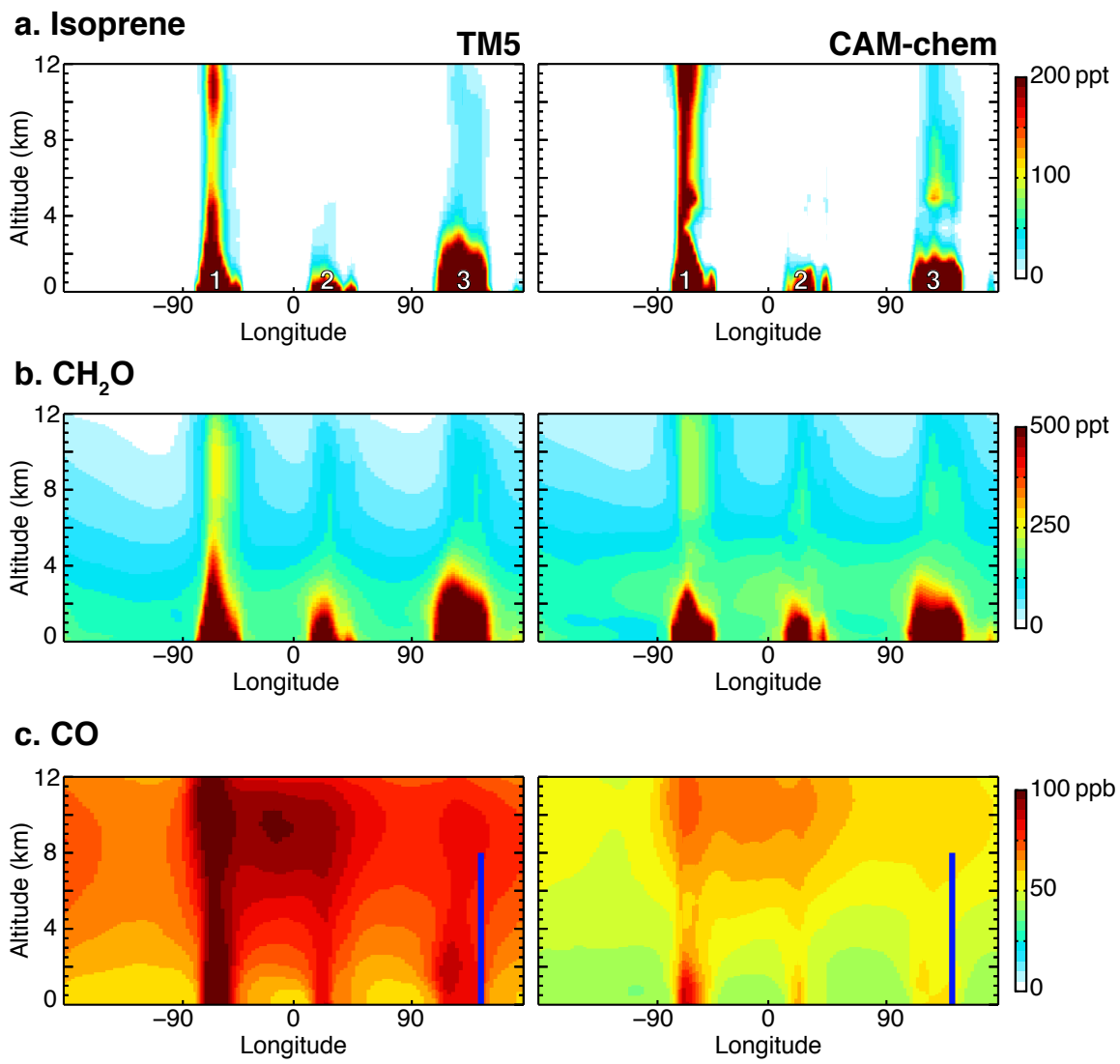


Figure S4. Same as Fig. 9, but for TM5 and CAM-chem.