



*Supplement of*

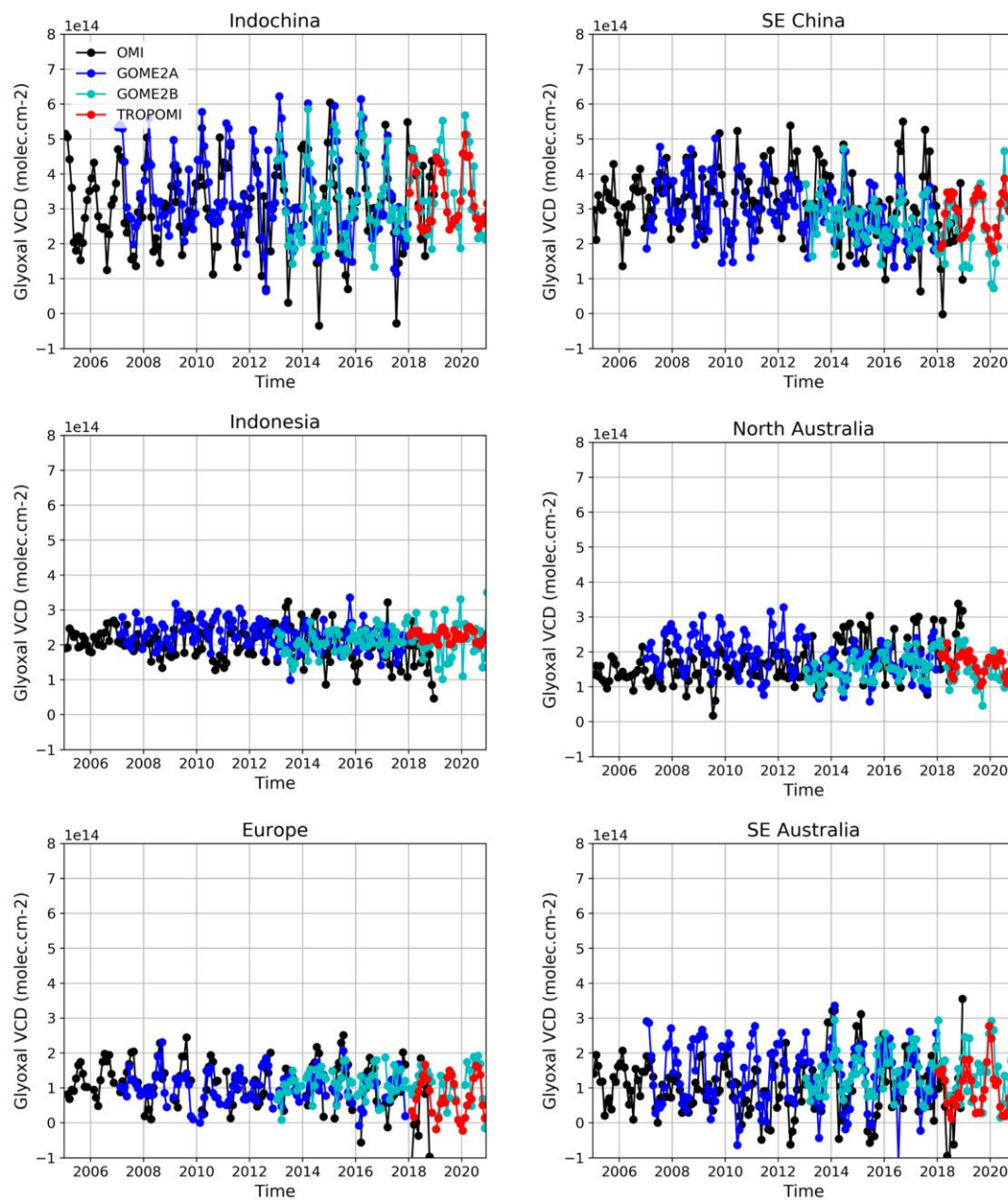
## **Glyoxal tropospheric column retrievals from TROPOMI – multi-satellite intercomparison and ground-based validation**

**Christophe Lerot et al.**

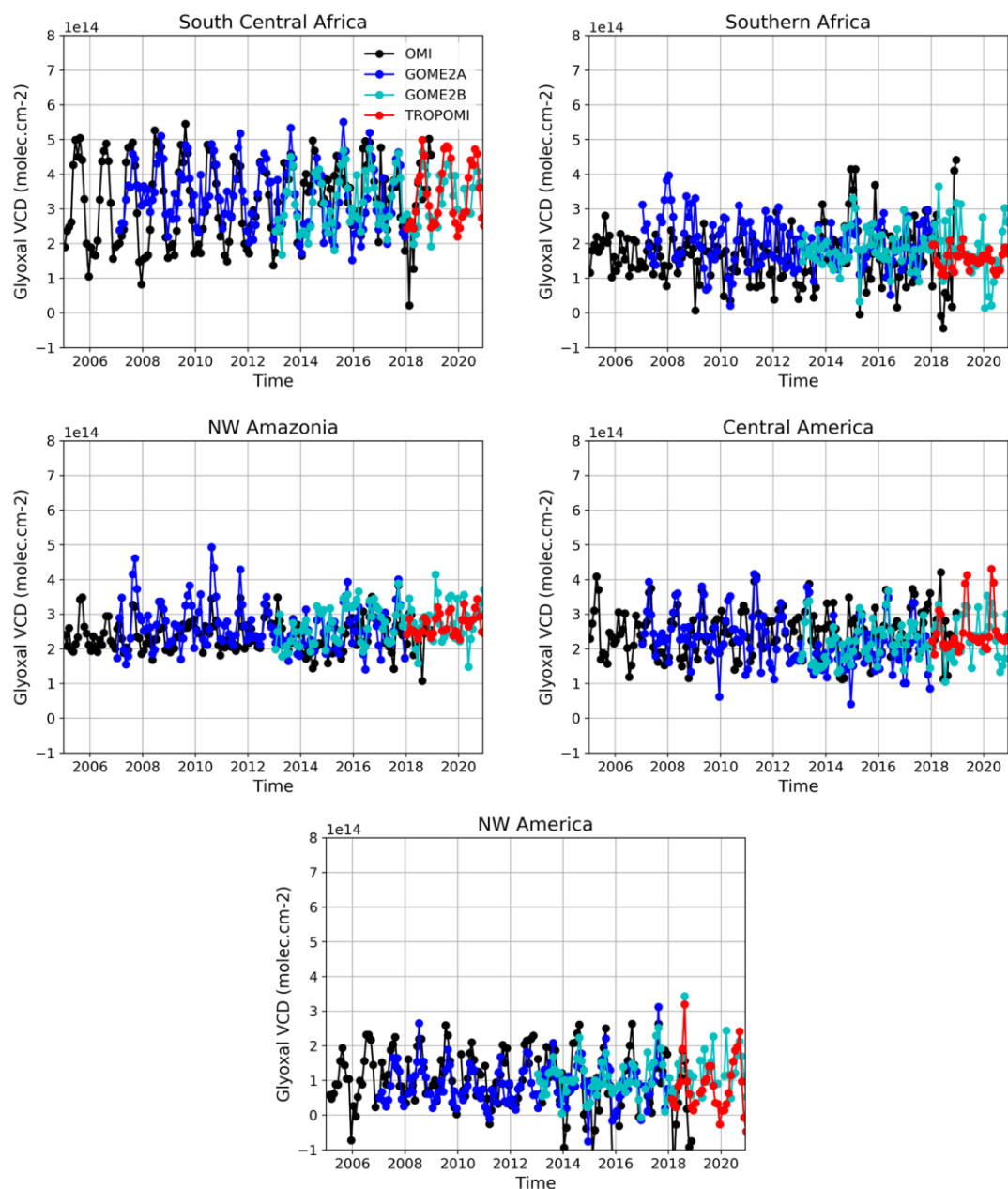
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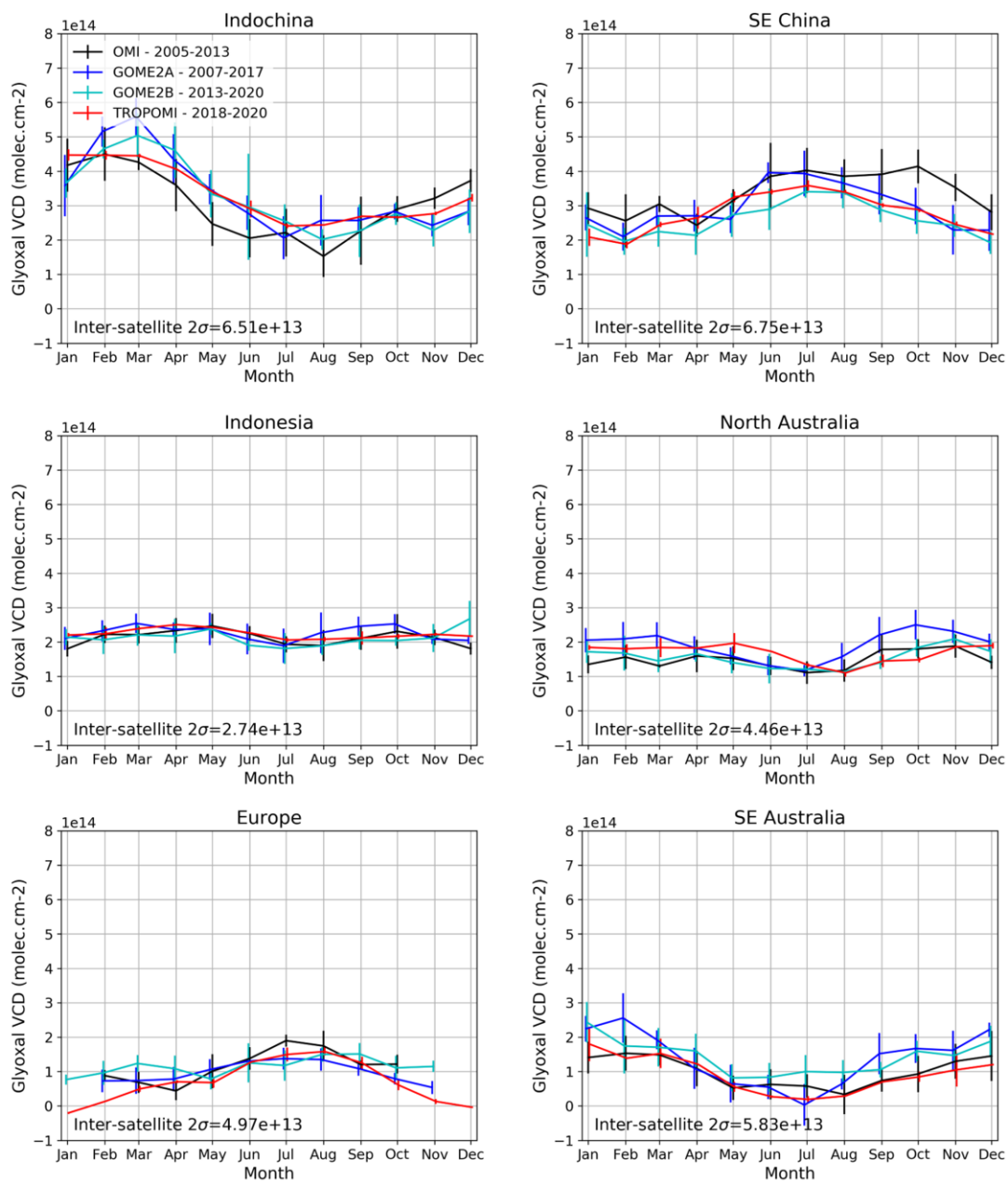
## Supplementary figures



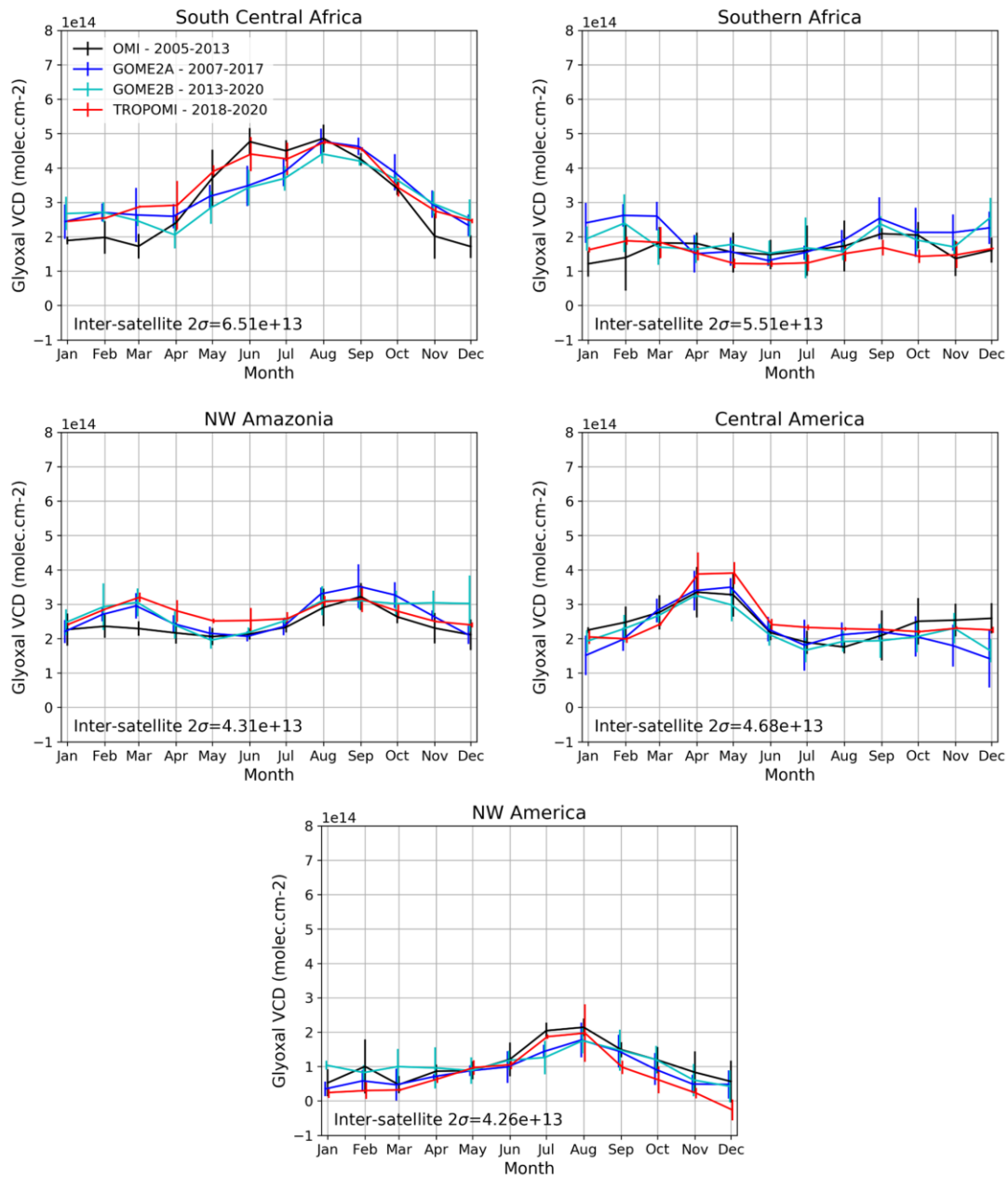
**Figure S1:** Comparison of the monthly median glyoxal VCD time series from GOME-2A/2B, OMI and TROPOMI in a few selected regions worldwide.



**Figure S2: Comparison of the monthly median glyoxal VCD time series from GOME-2A/2B, OMI and TROPOMI in a few selected regions worldwide.**



**Figure S3: Comparison of the climatological seasonal variation of the monthly median glyoxal VCDs from GOME-2A/2B, OMI and TROPOMI in a few selected regions worldwide. The error bars represent the interannual variability as derived from the full time series.**



**Figure S4:** Comparison of the climatological seasonal variation of the monthly median glyoxal VCDs from GOME-2A/2B, OMI and TROPOMI in a few selected regions worldwide. The error bars represent the interannual variability as derived from the full time series.