## Supplementary material for:

## Impact of biomass burning and stratospheric intrusions in the remote South Pacific Ocean troposphere

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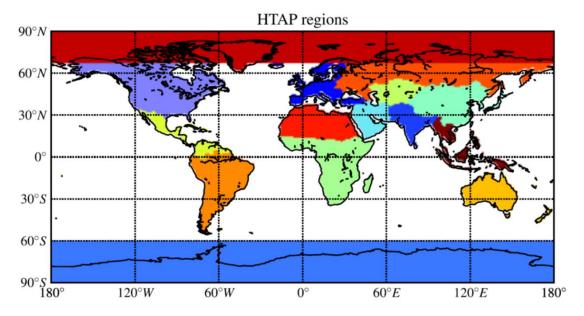


Figure S 1 HTAP emissions source regions.

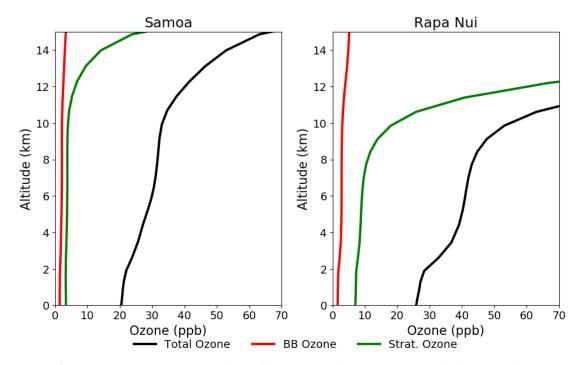


Figure S 2 Vertical distribution of O<sub>3</sub> at Samoa (right) and Rapa Nui (left). Total O<sub>3</sub> is with black, O<sub>3</sub> originating from the stratosphere is in green and O<sub>3</sub> due to biomass burning is in red.