Dear editor,

Unfortunately, we detected an error in our calculation of NMHC emissions used in the model simulations. The correction of which leads to minor changes of some of the numbers reported in the text and shown in Table 3. The corrected numbers change only slightly and don’t affect the interpretation or conclusions of the results.

To publish the correct numbers as they were seen by the model, we ask to update the following numbers in the published manuscript:

1) In Section 2.2., the total difference of NMHC emissions needs to be corrected: The number in p. 5, l. 16 changes from **56.90 Tg(C) yr-1** to **57.33 Tg(C) yr-1**.

2) In Table 3, the relative difference of total NMHC emission in the Northern Hemisphere changes from **9.8 to 12.4%.** The difference of biomass burning emission in the Southern Hemisphere changes from **16.88 to 17.31 Tg(C ) yr-1**, and the relative difference from **169.0 to 211.3%**. The absolute difference of NMHC emission in the Southern Hemisphere changes from **26.49 to 26.92 Tg(C) yr-1**, and the relative difference from **12.1 to 16.9%**.