

Technical corrections on Manuscript No. ACP-2020-747 (Robrecht et al.)

P1, L12: add “model” after GLENS

P2, L11: space between number in percent and latitude in parentheses missing

P2, L31: Something is wrong in this sentence. Please check and correct.

P5, L14: I would use here singular, thus “temperature”, “atmospheric wind”.

P5, L16: skip “s” and write just “Mt. Pinatubo eruption”.

P6, L21: acronyms should be introduced.

P9, L4: thresholds -> threshold

P9, L17: write H₂O instead of water vapour. This is generally not done consistently in the manuscript. After introducing the chemical abbreviations these could be used consequently throughout the manuscript.

P13, L13: in the WACCM -> in WACCM

P13, L33: Check sentence, looks like something went wrong here.

P16, Fig 6 caption, 4th line: Either use singular or plural, but not a mixture (an ozone mixing ratio, or ozone mixing ratios).

P18, L3: add “the” -> “in the future”

P20, Fig 8 caption, last line: Would suggest to rewrite the sentence to: Note the different y-axes for the three rows”.

P23, Fig 9 caption, 1st line: add “the” -> in the 10-day

P23, L1: in the highest -> is the highest

P23, L7: Change “This results in a net” to “This result of the” and change “in this” -> “at this”. Generally, this sentence needs to be checked again if everything is correct.

P24, Fig. 10 caption, L2: in 10-day -> in the 10-day

P24, Fig. 10 caption, L2: in the -> for the

P24, L4: delete “for”

P25, L8: in future -> in the future

P25, L9: and specific -> and the specific

P25, L27: This are -> This is

P27, L32: I would suggest to rewrite the sentence as follows:..... increases by 60% in the subtropics (30-35°N) and by 67 % in the extra-tropics (44-49°N) by the end of

P28, L1: dynamic -> dynamically

P28, L7: inter annual -> inter-annual

P29, L19: in GLENS simulation -> in the GLENS simulation

P29, L21: Sentence not clear. Please check.

P30, L1: fluctuations dynamical forcing -> fluctuations of dynamical forcing