

Atmos. Chem. Phys. Discuss., referee comment RC3
<https://doi.org/10.5194/acp-2022-187-RC3>, 2022
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Reply on RC1

Anonymous Referee #1

Referee comment on "How volcanic eruption latitudes diversify surface climate responses"
by Seungmok Paik et al., Atmos. Chem. Phys. Discuss.,
<https://doi.org/10.5194/acp-2022-187-RC3>, 2022

Dear Editor,

Based on this reply, please change my recommendation to Reject. Rather than agreeing to make Major Revisions, the authors just provide reasons to justify not making revisions. I do not accept the argument that multiple ensemble members make up for any model biases and obviate comparisons to other model results. If this is their response, then the paper will never be acceptable for publication. They will not look at other models. There is nothing really new here, repeating their previous work, and the paper has inconclusive results. The paper really adds nothing to our understanding of how the climate system works, but just reports on how one climate model responded.