

Geosci. Model Dev. Discuss., author comment AC3  
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## Reply on RC2

Annika Günther et al.

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Author comment on "NDCmitiQ v1.0.0: a tool to quantify and analyse greenhouse gas mitigation targets" by Annika Günther et al., Geosci. Model Dev. Discuss.,  
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Dear Referee,

thank you very much for your review of our manuscript on the methods behind NDCmitiQ, and the challenges we encountered during the quantification of the NDCs' mitigation targets. Based on your comments we are preparing a revised version for which we are reconsidering which parts of the manuscript are integral for the main text and which parts can be rearranged (e.g., moved to annex) or shortened. By integrating assessments of the updated NDCs (updates mostly in December 2020), we will show potential applications of NDCmitiQ more concretely. Furthermore, along with the revised manuscript, we address your specific comments.

Best regards, Annika Günther