Dear Dr. Brian KYANJO,

We appreciate your review on our work titled "checkpoint_schedules: schedules for incremental checkpointing of adjoint simulations." Below is our response to the issues raised in the review.

Paper line 30-31: The reviewer expressed concern about the phrase:

"For sufficiently large problems, this will exhaust the memory of any computer system."

Response: *Since the memory footprint of storing the forward state for an adjoint calculation is linear in the number of timesteps, a simulation with a sufficiently large number of timesteps will exhaust any finite computer memory.*

Minor corrections:

On the latest paper version, we have added the correction raised by the reviewer.

1. **Paper line 23:** Change from "include" to "including."
2. **Paper line 35:** Remove the parenthesis around the citation.
3. **Paper line 39:** Move RAM to memory.

Behalf of my co-authors and myself, we appreciate for your time and consideration in contributing with your review.

Best Regards,

Daiane I. Dolci.
d.dolci@imperial.ac.uk