Reply on RC4

Phillip Alderman

Author comment on "Parallel gridded simulation framework for DSSAT-CSM (version 4.7.5.21) using MPI and NetCDF" by Phillip D. Alderman, Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2021-183-AC3, 2021

I have been thinking about the issues you've raised regarding the presentation of the results of the benchmarking. I wanted to ask what you would think of changing the labels in Figure 4 from NetCDF vs Text to DSSAT-PG vs. DSSAT-R. I think the more generic labels (NetCDF vs Text) in this figure may be communicating a level of generality of results that is unwarranted (as you pointed out in your previous review). By making these labels more specific, it would emphasize the specific frameworks that are being compared. In addition to modifying the labels, I would modify the discussion to highlight the appropriate caveats about other factors contributing to speedup. Do you think these changes would be sufficient to address this particular concern?