

Geosci. Model Dev. Discuss., author comment AC3
<https://doi.org/10.5194/gmd-2021-392-AC3>, 2022
© Author(s) 2022. This work is distributed under
the Creative Commons Attribution 4.0 License.

Reply on RC2

Markus Pfeil and Thomas Slawig

Author comment on "Adaptive time step algorithms for the simulation of marine ecosystem models using the transport matrix method implementation Metos3D (v0.5.0)" by Markus Pfeil and Thomas Slawig, Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2021-392-AC3>, 2022

Small correction to my last response: Computational effort and runtime are both affected by the step size reduction, whereas parallelization only affects runtime, not effort, as you mentioned. We will make this difference clearer by the choice of the two terms "Computational effort" and "runtime" in the whole manuscript.