

Minor points

L38: to correct non-conservation errors; repeated "mass conservation". **Changed**

L52: to achieve an uniform tracer density **Changed to "correct" rather than uniform (it's not uniform when compressible)**

L53: sentence could be revised to be more concise or split into two sentences. **Split.**

L110: italic "and" **Fixed**

L121, 176, 213 (and throughout manuscript): revise mathematical notation for n_x , n_y , n_z , $S(x,z)$, v_x , v_z , etc. **Fixed (I'm sure the copy editor will find anything that I missed)**

Section 4.5, Table 1 caption: The problem being solved and for which these timings are reported is not explicitly stated (i.e., the thermal convection test in Section 4.4). **Added**

Fig 9 caption: Non-dimensional temperature and viscosity fields... **Added**

Notation in section 4.6: scientific 2×10^{-2} versus exponential $2e-2$. **Changed to scientific.**

Conclusion: the first sentence could be broken into smaller sentences. **Done**