

3. Review of the Paper: "Simulated Mixing in the UTLs by Small-Scale Turbulence Using Multi-Scale Chemistry-Climate Model MECO(n)" by Chun Hang Chau, Peter Hoor, and Holger Tost

The authors have made an effort to implement the major comments, and I think the readability of the paper has improved as a result. However, I still have a question regarding the final comment about the *Analysis of Mixing and Exchange*. I understand that the delta tracer-tracer correlation is not suffering from the limitations of the traditional tracer-tracer correlation related to accumulation effects. Setting aside the issue of the method's applicability - since two experiments have to be performed to find the delta tracer-tracer correlation - the authors might address the issue raised in question 5 of the original review: Can the fluxes be computed directly from the simulation data and used to support the findings not from the tracer-tracer but from delta tracer-tracer correlations.