

***Interactive comment on “Large-scale features of Pliocene climate: results from the Pliocene Model Intercomparison Project” by A. M. Haywood et al.***

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For the AOGCM results, one model named “GISS” had produced different modeling results in the north Atlantic Ocean by comparing with other models’ results including the SAT and SST. So what’s the reason for this particular phenomenon? After put this result into multi-model ensemble means or not, what is the different effect? The reduced SST in north Atlantic may reflect the reduced AMOC, in other words, this model give us another imagination about the climate in mid-Pliocene. Besides, for “GISS” and “CCSM4”, Can the authors give more supplements about the treatment of their boundary conditions to make readers better understand the models’ results because those two models didn’t introduce the mid-Pliocene boundary conditions in GMD special edition.

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