

Interactive comment on “Paleoclimate reconstruction in the Levant region from the petrography and the geochemistry of a MIS 5 stalagmite from the Kanaan Cave, Lebanon” by C. Nehme et al.

Anonymous Referee #1

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Climate of the Past Nehme et al

The manuscript is interesting and adds more to the understanding of the paleoclimate of the Levant region during MIS5. The authors don't explain why they use a correction factor of the bulk earth. After all the cave is located in carbonate terrain. If they calculate the ages using the same correction factor as Soreq and Peqin caves located in carbonate terrain their ages and isotopic profile would be more similar to them. This needs to be checked. The manuscript is based only on one speleothems thus trying to use hiatuses as climate indicators maybe is misleading, hiatuses in one speleothems

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not necessarily are indicative of regional climate, the same is true for growth rates. There is no Bar-Matthews et al., 2014, but Bar-Matthews, 2014

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