

## ***Interactive comment on “Atlantic Water advection vs glacier dynamics in northern Spitsbergen since early deglaciation” by Martin Bartels et al.***

**Martin Bartels et al.**

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Dear Ms ĽĂĚcka

Thank you for commenting our manuscript! Of course, we are aware of your palaeoceanographic study from the Storfjorden Trough. The topics you are pointing out are indeed interesting for our discussion. Especially, the contrary trend in your data during the Younger Dryas is remarkable. Also your comment on the assumed cooling at the end of the early Holocene is very interesting and may improve our interpretation. We will incorporate your suggestions in the upcoming versions of our manuscript.

Kind regards, Martin Bartels

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