Interactive comment on “Coupling between the North Atlantic subpolar gyre vigor and forest fire activity in northern Scandinavia” by Tine Nilsen et al.

Anonymous Referee #1

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In general, I found the paper of Nilsen et al. straightforward and neat. My only concern is that I missed the use of paleofire and paleoclimate reconstructions in this study. Observational data retrieved from reconstructions could help to understand the results (or lack of results) of this paper. I encourage the authors to include, at least in the discussion, a paragraph referring to previous paleoclimate and/or paleofire studies carried out in the study area (if there is any), summarizing their main results and comparing them with the simulations. All in all, I recommend the paper for publications with minor suggestions. See below. L 68 and Suppl. Info. Please indicate the differences between R1, R2 and R3 simulations. L86-91 I would recommend to move this paragraph to the previous section (2.1. Data). More details about the MDC are welcome. What data was used to obtain the monthly drought code? Is that code based on simulations or paleoclimate data?