

Interactive comment on “Non-linear intensification of Sahel rainfall as a dynamic response to future warming” by Jacob Schewe and Anders Levermann

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Dear Dr. Gaetani,

thank you very much for your constructive review. We will address all your comments in a revised manuscript. A few initial responses for clarification:

On the Mediterranean: We did not want to imply that the moisture flux from the Mediterranean is negligible; only that the simulated *increase* in moisture flux from the Mediterranean is smaller than the increase in moisture flux from the Atlantic.

Figure 2: Indeed, positive values indicate that the drought is reproduced with correct sign. We will consider reversing the sign in this figure.

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Figure 6: This refers to the whole period 1850-2100. Sorry for not being clear about this in the figure caption.

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