

## ***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 reviewer,

thank you very much for your constructive comments, which we will address in detail in our final response.

As a quick clarification: The grey shades in Figure 4 do not include the zero line, i.e. the sea surface gets warmer everywhere in this sector. Values shown range approximately from 1°C (light grey) to 5°C (dark grey). We will include a precise indication (color bar or marked contour) in the revised manuscript. In Figure 2, the black line shows “non-drought period” minus “drought period”; hence the positive values for most models.

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The caption is indeed unclear on this, as was also noted by reviewer #1. I apologize for this, and will correct it.

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