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## Supplement of

## Subglacial hydrology modulates basal sliding response of the Antarctic ice sheet to climate forcing

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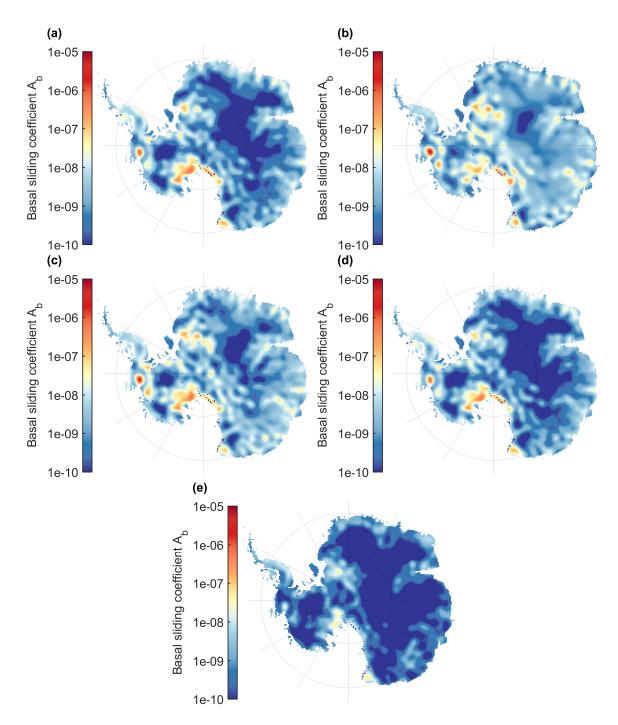


Figure S1: Basal sliding coefficient  $A_b$  obtained trough a nudging method with m=1 according to the different subglacial models:(a) NON; (b) HAB; (c) SWD; (d) SWF; (e) TIL.

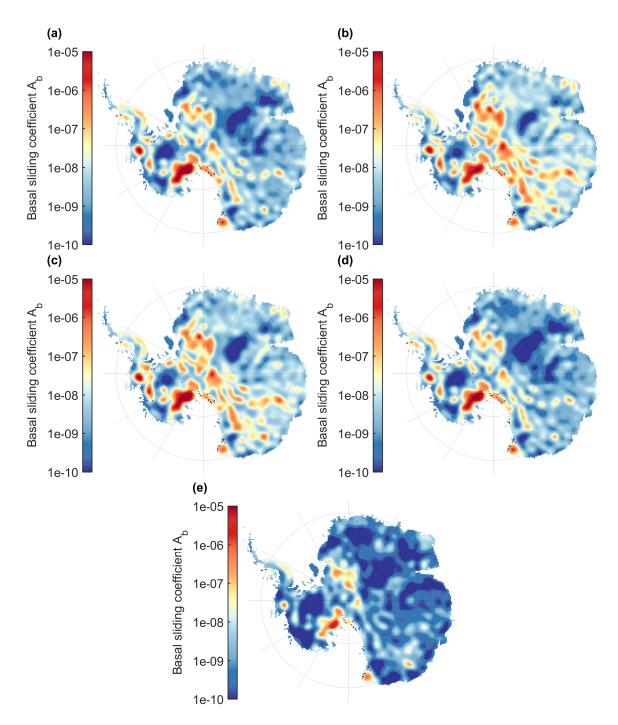


Figure S2: Basal sliding coefficient  $A_b$  obtained trough a nudging method with m=3 according to the different subglacial models:(a) NON; (b) HAB; (c) SWD; (d) SWF; (e) TIL.