

Interactive comment on “Interacting tipping elements increase risk of climate domino effects under global warming” by Nico Wunderling et al.

Anonymous Referee #1

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The authors are discussing domino effects of individual tipping elements when the elements are coupled. The authors are investigating a set of coupled systems for evaluating how tipping phenomena cascade in the coupled systems. My major concern is that although the authors succeeded in showing how tipping phenomena cascade in the toy model, the set of coupled systems cannot imply anything related to the actual climate, in my opinion, because the set of coupled systems is too conceptual to infer something in a real climate. Thus, the authors should discuss this gap more carefully to clarify the limitations as well as surely ensured implications of the current study. This is my major concern.

There are some minor points as well. 1. Line 6, “between” should be “among”. 2. Line 7, insert “(AMOC)” after “Atlantic Meridional Overturning Circulation”. 3. Line 35,

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“more simple” should be “simpler”. 4. Line 86, “more simple” should be “simpler”.

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