

## ***Interactive comment on “Identifying global patterns of stochasticity and nonlinearity in the Earth System” by Fernando Arizmendi et al.***

**M. Barreiro**

mar.bar.par@gmail.com

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Taking into account the referees' comments, we would like to withdraw our manuscript. While we disagree with the referees' opinion, we thank the three referees for their comments that will allow us to improve our work, which will be submitted to another journal. We present below our response to the specific comments.

Response to Referee #1 While the metrics that we use are known, they have not yet been applied to investigate long-range climate patterns or to compare climate datasets. The novel contribution of our work to the climate literature is the demonstration that these metrics can be very useful for examining and comparing climate datasets.

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