

Peer Review

# Review of: "Numerical Prediction of the Steady-State Distribution Under Stochastic Resetting from Measurements"

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This paper presents a way to bridge the gap between results from theoretical stochastic resetting literature and experimental results. The paper is well-written, and the results are well-presented. Some key intuitive points could be emphasized more clearly, such as: the resetting steady state is obtained for times  $t \gg 1/r$ , where  $r$  is the resetting rate. Hence, it is normal that if we have a finite temporal measurement time, i.e., the experiment only lasts up to some time  $T$ , then for a small enough resetting rate ( $r \ll 1/T$ ), the proposed method will not be able to approximate correctly the steady state distribution because none (or only very few) of the experimentally sampled points are actually contributing to the steady state. This is what the authors observe in Figure 2 and hint at in the above paragraph: "We observe that a low sampling rate results in the absence of a distinct cusp in the distribution. This is due to the resulting significant error in estimating the first term of the evaluated sum."

## Declarations

**Potential competing interests:** No potential competing interests to declare.