15 August 2019

Stefano Allesina  
Deputy Editor  
PLOS Computational Biology

Dear Dr. Allesina,

I am pleased to re-submit "The Dynamic Shift Detector: an algorithm to identify changes in parameter values governing populations," for your consideration for publication in PLOS Computational Biology.

My co-author and I have incorporated your feedback as well as feedback from two anonymous reviewers and feel these changes have dramatically improved the clarity of the manuscript. In our revised submission package, we have included our responses to each comment in a separate document.

In this manuscript, we include our modelling methods prior to our results and discussion, as the development of the methods themselves are a core element of the paper. My co-author, Elise Zipkin, and I participated fully in this study and accept responsibility for this work. The co-author has approved the submitted version of this manuscript and all persons entitled to authorship have been included. None of the material contained in this manuscript is under consideration for publication elsewhere.

Thank you for your consideration. I look forward to hearing from you.

Yours sincerely,

  
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