Author’s response to reviews

Title: An automated pipeline for bouton, spine, and synapse detection of in vivo two-photon images

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Author’s response to reviews:

Dear Dr. David Reif,

Managing Editor, BioData Mining

We would like to thank you and reviewers for the valued comments and suggestions on our manuscript. This feedback is extremely important and helps us to significantly revise our manuscript to further clarify our methods and contributions.

In the revised manuscript, the newly added and altered sections are highlighted in blue, to hopefully facilitate your review. We hope the revision is much clearer and more readable. Meanwhile, we also give a point-by-point response to the comments of the reviewers in this letter. You will find the reviewers comments in red font followed by our detailed responses in black font.
In particular, we added data of neurons in the basal ganglia of aeniopygia guttata into the revised manuscript, so the title was xed. In addition, since two authors from Beijing Normal University provided the data and help us analyze the data, we added them as co-authors.

We hope that we have well addressed the reviewers' concerns in our responses and corresponded modifications in our manuscript.

Sincerely yours,

Qiwei Xie; Xi Chen; Hao Deng; Danqian Liu; Yingyu Sun; Xiaojuan Zhou; Yang Yang; Hua Han