20 Dec 2018

Dear Dr. Vineeta Bajaj, Ph.D.,

Thank you very much for your careful reading and comments. We ensured both two reviewers were accepted our manuscript, and revised all specific comments marked in the manuscript you sent.

Here, we’d like to comment to some of them as a supplement.

We show the line numbers before resubmission as “original l. xx” and after resubmission as “new l. xx” as citing your comments in blue letters with ">" at the beginning.

In addition, we corrected grammatical or lexical errors through the whole manuscript, but here we focus on the revisions relating to your comments.

> (original l.166) What kind of program? Are these set of codes? If yes, please upload the same as supplementary files. Is this a software? Please reword accordingly.

These are set of codes, thus we provided the same as Supplementary code 1. Additionally, this code is valid when the microcomputer is connected in a certain way, thus we showed the circuit diagram in Supplementary figure 1.

> (original l.274) Not sure how is this depicted in the figure. No error bars for each condition.

We accepted your comment and added the details in the figure caption (new l. 338-351), because it was a little long to add in the Representative Result section. As described in that, figure 4 shows histograms about the number of the participants (y axis), error bars are not needed.

> (the Discussion section) As we are a methods journal, please revise the Discussion to explicitly cover the following in detail in 3-6 paragraphs with citations:

a) Critical steps within the protocol

b) Any modifications and troubleshooting of the technique

c) Any limitations of the technique

d) The significance with respect to existing methods

e) Any future applications of the technique.

As accepting your comment, we revised some sentences and here we show the correspondence between each item and statement in our manuscript:

1. Critical steps within the protocol

* “Thus, the step 3.2 in which squeeze machine experience and PPS measurement are combined could be regard as the critical step in this study.” (new l. 380-381)

1. Any modifications and troubleshooting of the technique

* The fourth paragraph began with the sentence “Additionally, here we propose more possible modifications of our protocol both in collecting subjective and objective data.” (new l. 420-440)

1. Any limitations of the technique

* “Meanwhile, giving stimuli on front trunk is not impossible” (new l. 435-436)

1. The significance with respect to existing methods

* The second paragraph began with the sentence “Moreover, we made five modifications from the original design and that provide following benefits for experimental uses respectively:” (new l. 383-393)

1. Any future applications of the technique.

* The third paragraph began with the sentence “As a future application, this protocol could be arranged to focus on the role of such unexpected stimuli with regard to users, which has been studied previously.” (new l. 395-418)