Reviewer's report

Title: Upper limb position control in fibromyalgia

Version: 2 Date: 20 June 2012

Reviewer: Christian Duval

Reviewer's report:

The authors have significantly improved the text. However, one part should be fixed before considering it for publication:

Minor Essential revisions

The authors should have the 6th paragraph of the frequency domain section of the Discussion removed. This is why: first, it is difficult to make assumptions on the 8-12 Hz component using results obtained from power distribution (normalized power to 100%). If power increases in one band, it must decrease in another one to maintain a total of 100%. In fact, the amount of relative power within the 8-12Hz band may have been altered, but absolute power may have been reduced, remain the same, or increase. The only way to know for sure is to use a comparison between epochs of oscillations having equal amplitude between patients and controls (please see the papers (Duval et al. 2000 and 2005 for that methodology). Then, you compare absolute power within each frequency band to determine whether the 8-12 Hz is different in each group. This was not done here. I would strongly suggest, for the purpose of simplification, and to avoid misinterpretation of your results, to simply talk about preponderance of power within low frequency bands compare to controls and remove any reference to the 8-12 Hz in the Discussion section.

Finally, I would advise the authors to have the paper read from someone outside their field so as to make sure that the English (which seems fine to me) is optimal.

Best regards


Level of interest: An article of limited interest

Quality of written English: Acceptable
Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:
I declare that I have no competing interests