Author's response to reviews

Title: Oral Consumption of alpha-Linolenic Acid Increases Serum BDNF Levels in Healthy Adult Humans

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Version: 2 Date: 22 January 2015

Author's response to reviews: see over
Reviewer: Beng San Yeoh

Major Compulsory Revisions

1. Table 2 and Figure 3 was analyzed using the prism software. Also, the figure was corrected.

2. In Figure 1, the control group was omitted.

3. 'Statistical Analysis' section was corrected.

4. In figure 3, the standard deviation bar was added to the chart and this index was corrected.

Minor Essential Revisions

6. The Measurement units were added to the y-axes of the figures.

Discretionary Revisions

7.

8.

Reviewer: Benoit Chassaing

Major Compulsory Revisions

- In the statistical analysis section, it is essential to detail which test was used for the analysis, 1 or 2 tailed, etc...
- In figures presenting pre-treatment versus post-treatment, a better representation has to be graphed with points for each individual before and after treatment. It should be also with a line connecting the two points of an individual. This would allow to better measure the influence of flaxseed oil capsules on BDNF or MDA levels in at individual basis.

It was corrected.

- Figure 1: are the data presented from males or females? What is control vs pre-treatment? These data are not sex specific. It is for all participants. Control is for before the treatment.

Control group was omitted.
Figure 2: are the data presented from males or females? It is not sex specific. Its for all participants.

Are the data from figure 3 exactly the same as table 1? If so, they have to be merged in a combined figure.

No, figure 3 is related to table 2.

- Figure legends are missing and important for the readers of Nutrition Journal.

It was corrected.