Reviewer's report

Title: The association between BDNF Val66Met polymorphism and emotional symptoms after mild traumatic brain injury

Version: 1 Date: 04 Dec 2017

Reviewer: Leigh Christopher

Reviewer's report:

Grammar/spelling:

*pg 12 line 26-sixth week (not sixth weeks) throughout when talking about the results for the sixth week only

*pg 5 line 26 accumulating evidence indicates (not indicated)

*rs6265 genetic polymorphism - remove genetic polymorphism throughout -could say "the BDNF variant rs6265" or "the rs6265 polymorphism"

* pg 8 line 58- should be "A linear regression model was used" not performed

*pg 10 line 46- are you using variant in the place of covariates? - needs to be corrected throughout

- authors should explain and clarify why they carried out a gender specific analysis

- authors should clarify in the discussion that the effects are short term at 1 week. Therefore there may be no long term effect of this variant-this needs to be emphasized as it is an important conclusion from the study

- authors should comment on gender differences and speculate on the differences in the results between genders
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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