Author’s response to reviews

Title: Effects of light deprivation on visual evoked potentials in migraine without aura

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Effects of light deprivation on visual evoked potentials in migraine without aura
BMC Neurology

Dear Dr. Melissa Norton,
Please find attached the revision of the abovementioned manuscript.
We introduced all required modifications made by the reviewers whom we thank for their helpful input. All changes are highlighted in red colour.
Please find below a detailed description of all changes made in response to the Reviewers’ comments.

Reviewer 1:
The study is not blinded. Please discuss this limitation in design.
Answer: Right. We added this limitation in the manuscript (Page 5, line 24: “VEP were off-line analysed by one investigator (J.C.) not blinded for subjects’ diagnosis”).

Minor essentials
p5 Add software filters (VEPs in figure seem to be filtered with HF lower than 2000 Hz)
Answer: added in the Methods (Page 5, line 20, “After applying off-line a 45Hz low-pass digital filter, cortical....”)

p 6 ..paired Student's t-test..
Answer: corrected.

p 7, add SD to effects reported in parentheses.
Answer: added.
Use Pearson to correlate clinics with VEP amplitude slope LD-induced change too.

Answer: we have already tried correlation analysis but, unfortunately, were not significant (in the Results, page 7, line 18-19). We have now added the correlation analysis in the Methods (Page 6, line 22-24: “Pearson’s correlation test was used to search for correlations among the VEP amplitude slopes and clinical variables”).

Page 12 Figure legends 2,3: Specify type of error bar.
Answer: Error standard of the mean. Added.

Reviewer 2:
The authors studied VEP habituation in healthy people and migraine patients.
They investigated effects of light deprivation on habituation pattern. This is an important contribution of our understanding of a fairly used technique.
The study is well designed, properly done and well written.
I have no additional comments

Answer: Thank you.