Reviewer's report

**Title:** Exploring the relation between childhood trauma, temperamental traits and mindfulness in borderline personality disorder

**Version:** 2  **Date:** 26 April 2015

**Reviewer:** Philippe Courtet

**Reviewer's report:**

In this transversal study, the authors aimed at explore the association between BPD personality dimensions and mindfulness. They found a significant and negative association between Neuroticism–Anxiety and several mindfulness facets: acting with awareness, non-judging and non-reactivity. Trait impulsiveness was also inversely related to non-judging. Considering childhood trauma, only sexual abuse appeared to be related with mindfulness deficits, having a negative impact on acting with awareness and increasing the judgmental stance towards inner and outer experiences.

**Minor Essential Revisions**

Wupperman et al (Wupperman J Pers Disord 2008) have already explored the authors' aim, using largest sample size than the present study. Then, the assessment of personality dimensions in the present study is not pertinent, given that two of the three principal dimensions of borderline personality were not assessed: emotional dysregulation and interpersonal problem-solving.

Finally, authors wanted to assess the relationship between temperamental traits, childhood maltreatment and mindfulness deficits in a sample of BPD individuals. In the justification of their study, the authors pointed out several studies showing an inverse relation between some mindfulness facets and the severity of post traumatic stress disorder (PTSD) symptoms, which might be indicative of an association between having experienced traumatic events and deficits in mindfulness capabilities. They have suggested that there is no study directly assessing correlation between childhood trauma and mindfulness. But they didn't mentioned the study conducted by Micha et al (Michal J Nerv Ment Dis 2007), which has demonstrated an inverse correlation between emotional maltreatment and mindfulness.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable
Statistical review: No, the manuscript does not need to be seen by a statistician.

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