Reviewer’s report

Title: Cognitive behaviour therapy response and dropout rate across purging and nonpurging Bulimia Nervosa and Binge Eating disorders: DSM-5 implications

Version: 1 Date: 14 March 2013

Reviewer: cristina segura-garcia

Reviewer’s report:

A. DISCRETIONARY REVISIONS
- Could you indicate the coefficient alpha of your data for EDI-2 and SCL-90-R?

B. MINOR ESSENTIAL REVITIONS
- Page 3 second paragraph: "...studies comparing BED vs. BN have shown difference...": should type "differences"
- Table 1: Could you specify what is the level of significance of "***"?
- In order to more easily interpret your results by a reader it would be better to indicate the t value instead of the Mean difference of means in Tables 1 and 3.

C. MAYOR COMPULSORY REVISIONS
- Even if there is not a clear agreement on the criteria to define what response/remission/recovery is in the field of EDs, considering that the diagnostic criteria that allow a DSM-IV-TR diagnosis of BN and BED call for a minimum of 3 months of symptoms for BN and 6 months for BED, a period of only 4 consecutive weeks free of eating symptoms is quite low to define a "full remission". Please, could the authors explain why did they choose this threshold?
- Not only, the authors have only considered the behavioral (eating behavior) but not the psychological symptoms (Criterion D: Self-evaluation is unduly influenced by body shape and weight) to define the remission of patients after CBT. Daily-food and purging diary is a very poor tool to define remission.
- The “commonly applied questionnaires in the field of EDs” could have given further information about the improvement of the psychological symptoms after CBT. Why did you not re-test your samples with them (or others as EDE) to evaluate the improvement?
- In the statistical analysis section the authors do not clearly describe the use of logistic regressions, whose results are not shown in the results section. Further, they do not describe the univariate analysis (t-Student, Chi-Squared) that seems to be later used in the results section.
- If you have considered three groups along your research, it is not clear the reason why you put together both BN groups in Table 3; it should be better to follow the same scheme.
**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'