**Reviewer’s report**

**Title:** Brain responses to body image stimuli but not food are altered in women with bulimia nervosa

**Version:** 1  **Date:** 21 June 2013

**Reviewer:** Paolo Santonastaso

**Reviewer’s report:**

This is an interesting and methodologically-sound paper that merits publication with few changes.

These are the points that I suggest to change:

1. It is quite impressive that a neuroimaging paper provided no figure. I would suggest to include one or two Figures showing brain areas involved.
2. In methods section, the authors did not specify that a high-resolution structural scan has been performed. I think this is necessary to correctly localize brain areas by registration of functional images. May the authors clarify this?
3. Did the authors observed any difference between subjects under antidepressant treatment and subjects who did not?
4. It is not clear which type of diagnostic assessment has been performed for the eating disorder. Were all patients actively BN? Since patients were on treatment, were some patient in a partial remission stage of their illness? Which was the mean (and range) of number of binge eating episodes at the time of scanning?
5. The type of statistical correction for multiple comparison across space is not clear to me. Did the authors used FDR or FWE? Which was the threshold?

**Level of interest:** An article of outstanding merit and interest in its field

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I declare that I have no competing interests