Title: Associations between body mass index, weight control concerns and behaviors, and eating disorder symptoms among non-clinical Chinese adolescents

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Author's response to reviews: see over
Dear Dr. Sands:

Re: "Associations of Body Mass Index, Weight-related Concerns and Behaviors With Eating Disorders Among Non-clinical Chinese Adolescents" (2970657872722598).

Thank you so much for your email dated the 26th March 2010. I would like to express our appreciations for the valuable comments from you and the reviewer.

The manuscript has been extensively revised according to the comments. The specific modifications are shown below. The modified parts have been marked in red in the manuscript.

We would like to resubmit this manuscript for consideration of publication.

If you have any questions, please feel free to contact me.

Thank you very much.

Sincerely yours,

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Determinants of *Associations of Body Mass Index, Weight-related Concerns and Behaviors with Eating Disorders Among Non-clinical Chinese Adolescents*

p3, line 2 - 3: 'were' should be 'was'

Response:
Page 3: revision has been made accordingly.

-p4, line 1 & line 12 (second paragraph): anorexia, bulimia and binge eating disorder should be described as eating disorders, rather than as 'disordered eating attitudes and behaviors'.

Response:
Page 4, line 1 & line 12 and throughout the manuscript, change "disordered eating attitudes and behaviors" to "eating disorder symptoms".

-p4, line 5: symptoms instead of symptom

Response:
Page 4, line 5: revision has been made accordingly.

-p5, line 17: in this sentence, the authors talk about the effect on eating disorders (which imply real full blown diagnoses like anorexia nervosa, bulimia nervosa...). However, in the following sentence, they talk about eating disorder symptoms and behaviors. During the entire introduction, it is important not to use/mix too many different concepts (eating disorders, eating disorder symptoms, disordered eating attitudes and behaviors), instead they may focus on only one central concept (e.g. disordered eating attitudes and behaviors).

Response:
Page 5, line 17: After consideration, we decided to use ‘eating disorder symptoms’ in order to maintain a consistent concept through the whole article.

-p12, line 12: this sentence reads very difficult and should be edited

Response:
Page 12, line 12: revision has been made accordingly.

-Table 1 & 2 are very large. to make them more comprehensive, the authors may remove the number of participants and only provide the percentages. Also, in Table 1,
2 and 3 the p-levels may be replaced by *, ** and *** (p<.05, < .01, < .001 respectively).

Response:
Table 1, 2 and 3: revisions have been made accordingly.

-p14, line 3: the authors state that perceived body weight partially or totally mediates the association between BMI and EDI subscales. However, the authors should more clearly mention where there was a partial mediation and where they found a total mediation.

Response:
Page 14, the first paragraph: Model 1 and 2 showed that perceived body weight totally mediated the association between BMI and the score of body dissatisfaction, the associations between BMI and the score of drive for thinness or bulimia were partially mediated by perceived body weight.

-p14, line 18: perfectionism is not really a type of disordered eating behavior. It is recommended that the authors remove this.

Response:
Page 14, line 18: revision has been made accordingly.

-p17, last paragraph: the cross-sectional nature of the present study is indeed a limitation. However, it is recommended that the authors also mention that this cross-sectional nature only allows to draw conclusions with regarding the association between variables, and it is not possible to predict whether one variable (e.g.) BMI leads to/causes another (e.g. bulimia) or vice versa. Level of interest: An article of limited interest

Response:
Page 17, line 10-18: revision has been made accordingly.