Reviewer’s report

Title: Diet and exercise changes following direct-to-consumer personal genomic testing

Version: 2 Date: 08 Mar 2017

Reviewer: Laura M. Koehly

Reviewer's report:

For the most part, the authors have adequately addressed my concerns within the manuscript.

With regards to the results presented in Table 5, my suggestion is to add 1) a note at the bottom of the table detailing that the presented model $R^2$s (with genetic risk score/risk perception) are all equivalent to the covariate-only $R^2$s for each fitted model and 2) text in the Results section related to Table 5 indicating that, while the effect was significant, the inclusion of genetic risk scores or perceived risk did not explain any more variance in self-reported dietary and physical activity changes than the covariate only model.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable
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