Reviewer’s report

Title: Predictors of overweight/obesity in a Brazilian cohort after 13 years of follow-up

Version: 0 Date: 24 Sep 2017

Reviewer: Dominique Monlezun

Reviewer's report:

This article focused on identifying factors associated with the risk of an adult subject becoming overweight/obese after a 13 years follow-up in rural Brazil. I commend the authors on use of prior published study instruments and specification of their statistical methodology, and for applying these for an underrepresented area in the nutrition literature for obesity trends in rural South America. I list the following minor proposed revisions to strengthen the already commendable manuscript: please specify why your study sample's geographic location was selected, justifying your decision in relation to similar prior studies; in your methods please specify for t-test and chi-square tests which type of variables (i.e. interval vs. categorical) you used them on; please specify why you used chi-square instead of McNemar and repeated measures logistic regression because respectively they are used for independent variables with 2 and >2 levels when your dependent variables are categorical which I presume you wanted since your sample included multiple observations from the same subjects (i.e. longitudinal trial), and thus Chi-square may not be the most appropriate test in the way you used it; please justify your use of stepwise backward regression because despite its strengths it is increasingly critiqued for its statistical weaknesses and thus not typically a main-stream approach; please specify in your discussion your study's strengths/weaknesses to allow interpretation of your results relative to your study's internal/external validity.

Level of interest

Please indicate how interesting you found the manuscript:

An article of importance in its field

Quality of written English

Please indicate the quality of language in the manuscript:

Acceptable

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