Reviewer's report

Title: Gender and the double burden of economic and social disadvantages on healthy eating: Cross-sectional study of older adults in the EPIC-Norfolk cohort

Version: 1 Date: 27 January 2015

Reviewer: Peter M Clifton

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Compulsory

1. The authors have previously published on both economic factors and social isolation separately in a variety of publications (including the non quoted Appetite paper) but claim in this one to show that the two interact and amplify each others effects. However in the figures and results no statistics are shown to demonstrate main effects of economic factors, social factors and their interaction. Was any interaction significant? Similar in tables 3 and 4 in model 2 when the main factors are adjusted for it is difficult to see much difference in the regression coefficients ie both are quite independent and there is no amplification.

2. In the abstract it talks about interactive effect of married/non married and social class on vegetable variety in men but in Table 4 when adjusted for all economic factors the regression coefficient is unchanged. We can we see this data that is quoted in the abstract-are all economic factors adjusted for individually (models 2-8?) but all we are shown is model 2

Level of interest: An article of limited interest

Quality of written English: Acceptable

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

Declaration of competing interests:

I declare I have no competing interests.