Reviewer’s report

Title: Cardiovascular Risk Factors and 30-Year Cardiovascular Risk in Homeless Adults with Mental Illness

Version: 2 Date: 30 November 2014

Reviewer: Heba Alwan

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Minor Essential Revisions

There is probably an error in the Results section page 14 line 294 as it stated that participants with high needs for mental health services reported lower perceived stress whereas in the Discussion and in Table 2 the opposite is indicated.

The authors found that mean 30-year CVD risk score was lower among participants of ethno-racial ethnicity. However this association was no longer significant multivariate analyses. In Table 1, it is indicated the number of participants who are ethnoracial and non-ethnoracial. It would be interesting to the reader to add the exact number of participants in each ethnoracial group (i.e. African, Asian, etc). Moreover, the authors have combined several ethnicities with very different genetic backgrounds together into one group for the analyses which may also explain why there was no significant association between this variable and CVD risk as opposed to what was found in other studies cited in the paper. The authors state that due to sample size limitations they were unable to conduct anylases by ethnic group although the total number or participants in the ethnoracial category was 217. Would it not be possible to group similar ethnoracial sub-groups together when doing the analyses?

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests