Reviewer's report

Title: The association of levels of physical activity with metabolic syndrome in rural Australian adults

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Reviewer: Christos Pitsavos

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it is always interesting to read about it.

First i would like to ask if the authors have excluded or how they evaluated those participants with clinical or subclinical coronary heart disease. Them they have not used a standardised questionnaire for exercise status, like IPAQ and they have included in their final model dietary habits who may act as cofounders in the relationship metabolic syndrome- physical activity through a general healthy lifestyle. Finally it would be interesting if the authors could conduct further analysis in order to evaluate which component of metabolic syndrome is mostly affected by physical activity.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:
'I declare that I have no competing interests'