Reviewer's report

Title: The Regional Differences in Prevalence, Medical Expenditures and Risk Factors for Injury in Taiwanese Teenagers

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Reviewer: Thomas F Beattie

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The Regional Differences in Prevalence, Medical Expenditures and Risk Factors for Injury in Taiwanese Teenagers

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This is an interesting paper and one which it has been a pleasure to read. As the authors state, injury is the leading cause of morbidity and mortality in young people. This paper goes some way to analyse on a regional basis why differences may occur and provide the basis for injury prevention to be implemented.

The question posed by the authors is not necessarily new in so far as injury is well known to be the cause of morbidity and mortality. However, in the context of the study and its regional context it is new and very well defined. The rationale for the study is well established.

The Methods are very interesting and are definitely appropriately and well described. There are sufficient details provided to replicate the work.

The data appears to be sound and well controlled. Efforts to look at confounding variables and collect additional data have been well established.

The manuscript appears to adhere to the relevant standards for reporting and data deposition.

The Discussion and Conclusion are well balanced and are adequately supported by the data.

In my view the Title and the Abstract accurately convey what has been found.

The writing is acceptable although there would need to be some minor revision during the copy editing stage but this is insignificant.

The work is well referenced and there is a comprehensive bibliography provided.

There is extensive statistical manipulation carried out. Some of this is beyond my expertise and therefore I would welcome this paper reviewed by a statistician to check for validity of the statistical procedures used. I am also not familiar with the statistical software package used and therefore this would need to be evaluated as well.

What next?: Accept after discretionary revisions

Level of interest: An article whose findings are important to those with closely related research interests
Quality of written English: Acceptable

Statistical review: Yes

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