Reviewer's report

Title: Delayed Sleep Phase Syndrome in Adolescents. Prevalence and Correlates in a Large Population Based study.

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Reviewer: Robert Roberts

Reviewer's report:

This is a well-sritten paper that defines the research question clearly.

The design and data analytic techniques are appropriate as are the measures of DSPS and insomnia.

The authors mostly stay within the limits of their design when discussing their results.

Overall, a scholarly paper.

There are several minor issues. The authors had only a 53% response rate.

This is quite low, and raises the issue of potential bias. Do the authors have any data demonstrating that there were no significant differences between participants and non-participants on DSPS, insomnia or depression? If not, there is a potential fatal flaw.

The sample also is from on area in Norway. Is this representative of Norway as a whole? One assumes so, but can this be verified by authors?

As I understand the MFQ, it does not measure just depression. The short form also does not focus just on depression. What the authors have is a measure of psychological distress or demoralization. They should treat it accordingly in their discussions. I taps depression but also other symptoms.

The authors also play loose with their descriptions of associations. This is a cross sectional study and no measure increases or decreases the risk of any other. The have odds ratios and the most they can say is a higher or lower odds is found between two factors. They should so phrase their results and their discussion.

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:

No competing interests.