Reviewer’s report

Title: Marijuana legalization and historical trends in marijuana use among US residents aged 12-25: Results from the 1979-2016 National Survey on Drug Use and Health

Version: 1 Date: 11 Dec 2019

Reviewer: Jorgen Bramness

Reviewer’s report:

I thank BMC public health for the possibility to review this revised manuscript. I find that the authors have answered all my previous questions adequately and that the manuscript is now (almost) ready for publication. I have two small comments that I would challenge the authors to consider.

1) Page 4 line 71. I react to the term "legalizing medical marijuana". All approved medicinal products are "legal". For the most part medical cannabis in Europe is by the extract "Sativex", and not by marijuana. I would suggest a rewrite that points to this: e.g.: "... many of them have medical cannabis registered as a treatment option…" or likewise

2) Page 5 line, 105: I am not sure that this final argument is very different form the first argument (line 96)
Except these two small comments for me this is a valuable manuscript with a wise and novel approach that I think is worthy of publication

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
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Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

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I recommend additional statistical review
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Acceptable

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