Reviewer’s report

Title: The Unveiling of a New Risk Factor Associated with Bladder Cancer in Lebanon

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Reviewer: Thaise Araújo

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The manuscript by Temraz et al., titled: "The Unveiling of a New Risk Factor Associated with Bladder Cancer in Lebanon" strives to calculate the contribution of smoking and water pollution on bladder cancer risk. The manuscript seems to be a reconstructing of a previous published work with new insights about Trihalomethanes (THM) contamination.

Cancer is a multifactorial disease, and smoking is a well-known risk factor. The authors pointed that the aim was to "examine the significance of smoking and water pollution on the incidence of bladder cancer in Lebanon". However, in abstract, the conclusion was only about THM.

In Methods section authors must correct the sentence: "Data was stratified by age and gender, data were stratified as: smokers, ex-smokers and non-smokers for all age and gender categories."

Although the manuscript highlights the significance of THM in bladder cancer risk it is important to separate smokers from non-smokers. Authors must better justify why they did not analyzed separately.

Please confirm that you have included your review in the ‘Comments to Author’ box?

As a minimum standard, please include a few sentences that outline what you think are the authors' hypothesis/objectives, their main results, and the conclusions drawn. Your report should constructively instruct authors on how they can strengthen their paper to the point where it may be acceptable for publication, or provide detailed reasons as to why the manuscript does not fulfill our criteria for consideration. Please supply appropriate evidence using examples from the manuscript to substantiate your comments. Please break your comments into two bulleted or numbered sections: major and minor comments.
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- Are the description of any error bars and probability values appropriate?
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