

## Peer Review Report

# Review Report on Perspectives of the young adults on the implications of an augmented reality mobile game for the public health of their communities: A qualitative study

Original Article, Int J Public Health

Reviewer: Lise RENAUD

Submitted on: 20 Dec 2022

Article DOI: 10.3389/ijph.2023.1605630

### EVALUATION

#### Q 1 Please summarize the main findings of the study.

This is to study the impact of a location-based game on young adults by focus groups.

In terms of health promotion, the authors examine the benefits of this game and the motivational and community factors generated by the individual game.

This is to study the impact of a located game on young adults by focus groups.

The game allows you to be physically active, to be in relation with others but also to generate some negative impacts such as tracing the street with a red light

#### Q 2 Please highlight the limitations and strengths.

The literature review is interesting and well presented

The analysis of the results well articulated. However, the bias of the overrepresentation of men and moreover skilled with games should be further discussed

#### Q 3 Please provide your detailed review report to the authors. The editors prefer to receive your review structured in major and minor comments. Please consider in your review the methods (statistical methods valid and correctly applied (e.g. sample size, choice of test), is the study replicable based on the method description?), results, data interpretation and references. If there are any objective errors, or if the conclusions are not supported, you should detail your concerns.

please discuss the bias of the overrepresentation of men and moreover those who have a lot of gaming experience

Otherwise the analyzes are interesting

### PLEASE COMMENT

#### Q 4 Is the title appropriate, concise, attractive?

yes

#### Q 5 Are the keywords appropriate?

the term young adult would be more appropriate

#### Q 6 Is the English language of sufficient quality?

my mother tongue is not English therefore this text seems well written and understandable to me

#### Q 7 Is the quality of the figures and tables satisfactory?

Yes.

**Q 8** Does the reference list cover the relevant literature adequately and in an unbiased manner?)

yes

**QUALITY ASSESSMENT**

**Q 9** Originality

**Q 10** Rigor

**Q 11** Significance to the field

**Q 12** Interest to a general audience

**Q 13** Quality of the writing

**Q 14** Overall scientific quality of the study

**REVISION LEVEL**

**Q 15** Please make a recommendation based on your comments:

Minor revisions.