

Review of Introducing Virtual Reality in Robot Assisted Minimally Invasive Surgery Team Training

Title

The title is okay. Maybe find another way of saying minimally invasive or use “collaborative training” instead of “team training”, but the title is already good as it is.

Layout

The introduction is too long. Maybe a “Context” section could replace part of it. Besides, there may not need to put an “A” subsection if there is no “B”. There again, this could maybe fit in a “Context” Section.

However, the Method section has no subsections. This could be improved by separating the description of your approach, the actual protocol used in different subsections.

Content

In the abstract you mention usability score. What kind of metric is that? What is it based on?

The median score was 67.5, with the first quartile scoring 45 and the third scoring 86.25.

You should consider reporting your test results in a more structured way, like having important values in one table, instead of mid-text. All your graphs need to have their axis labeled. I couldn't figure out what 0-4 on the y axis represents since you're talking about SUS scores which are in the range of 0-100.

Why did you choose to use SUS as the method to measure your results. Was there other approaches to it ?

This paper lacks some maths.

Figures

The figures at the end of the paper are not aligned and without captions. It's not even mentioned what they are showing.

Graphic doesn't make sense. You need to label your axis:

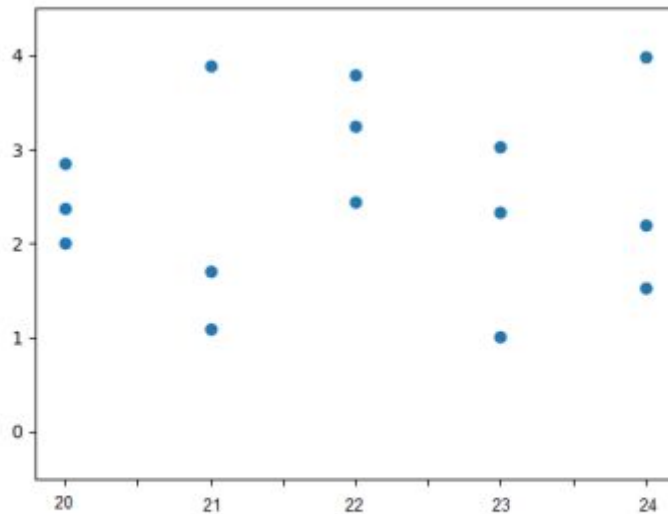


Fig. 5: Mean scores plotted as a function of participant age

Figure 5 shows the participants' scores plotted as a function of their age. Linear regression returns $y = 0.03x + 2.06$. R^2

It looks like you're performing regression on figure 5, but the y-axis looks categorical and not continuous. Seems a little weird.

General notes:

You should consider reporting your test results in a more structured way, like having important values in one table, instead of mid-text. All your graphs need to have their axis labeled. I couldn't figure out what 0-4 on the y axis represents since you're talking about sus scores which are in the range of 0-100.