Review of: "Mind and matter correlated in a matrix. New replication using an online game"

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Let me first congratulate the authors on their interesting paper. It is the first time that I have come in touch with these types of experiments. So maybe I will also ask some stupid questions about the whole process which may be standard in this field.

Here are my questions about parts which I could not follow from the paper and thus require an explanation.

1. I could not get how the control sessions are generated. It is written that "This control session runs automatically on the participant's device after the completion of the experimental session without their knowledge." Are they randomly generated based on the same online game? It would be helpful to get more ideas here.

2. It would be nice to have the same number of decimal places in the text, e.g., "The psychological variables identified with low correlation (0,002; 0,004; 0,021; 0,12; 0,21) were […]" as in table 1.

3. I did not get the process described in the following text: "To construct the matrix, 240 elements of each variable were fragmented into 16 groups of columns with 15 elements per column, for each of the 4 variables." What is done in this step? Why is this necessary?

4. In the abstract, it is presented that using random.org, "The Welch's T-test yielded a value of 3,811, with a corresponding p-value of 0,00013," and "using Mersenne Twister did not exhibit statistically significant differences concerning the same matrix (64x64). The Welch's T-test resulted in a value of 1,813, with a corresponding p-value of 0,06987." But when one looks at the Results section, one reads that "a T-test value of 3,9418, accompanied by a p-value of 8,13E-5" for Random.org (which agrees with the statement in the Abstract) and "Specifically, the T-test resulted in a value of 2,972, yielding a p-value of 0,0029" for Mersenne Twister, which seems to be different from the statement in the Abstract. Similar holds for the effect sizes. Maybe I have overlooked something or didn't get it right, but for me, a clarification would be helpful.

5. How are the p-values simulated? It becomes not clear to me reading the Statistical Analysis section.

6. Thanks, and I'm looking forward to the answers.