

Review of: "Temperament, Character and Organisational Well-being among Obstetrics and Gynaecology Personnel"

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Potential competing interests: No potential competing interests to declare.

1. Overall, the language needs to be revised; some of the periods are difficult to understand (e.g., "Considering the small sample size for the present study, it was not possible to calculate any differences between the groups determined by biographical variables, such as gender, age, length of service, and role held, nor to study the different perceptions of the groups through Student's t-test for independent groups.")

2. I have some concerns about the way you treat the variables and the consequent analyses you conduct. First of all, the variables are rated on different scales; one set of variables was coded using percentile scores, and another set consists of 6-point scales that you convert to percentages. Now, if you use percentiles, you cannot perform correlation using the Pearson r test. In fact, percentages are bounded by [0, 1], and the underlying assumption of Pearson r test is that the values are normally distributed; these assumptions are blatantly incompatible. I would use Spearman rho or Kendall tau correlation test instead.

These tests do not depend on any assumption of normality.

3. In the conclusion section, you cannot claim such things as, "For example, we were able to observe that most of the subjects show a reward-dependent temperament type"; you did not compare the dimensions with each other and you did not compare the sample with the population or with other samples. Simply describe the correlations and possible relationships between the variables.

4. The conclusions section could be structured otherwise: first, describe the main results, then provide limitations and future directions.