

Review of: "Sociosexuality Expanded: The Role of Light and Dark Personality Traits"

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Potential competing interests: No potential competing interests to declare.

Thank you for the opportunity to read the article titled "Sociosexuality expanded: The role of dark and light personality traits."

Abstract

1. What are the tridimensions of sociosexuality? At least, it could have been written in parentheses to give the reader an idea about the construct that is going to be studied.

1. The abstract ends abruptly, without indicating the overall contribution/significance of this study. It should be emphasized what the general conclusion is as well.

Introduction

1. The introduction starts abruptly; the first sentence seems to stand in the wrong place. Starting with the definition of sociosexuality may have been better for the flow of the paragraph.

2. "The current study seeks to expand the research literature by creating different prediction models for each sociosexual dimension, looking at the prediction value of Light and Dark personality traits." You have a wonderful place to express why this study must be done/important after that sentence. Now, I know your aim, but still, I'm not very clear about the potential contribution of this study.

3. "Sociosexuality and personality traits" section is pretty well-written and organized. However, the review of the literature is missing, especially concerning sociosexuality's place in romantic relationships. This could have been explained with examples briefly for readers to understand sociosexuality in context. It is an interesting topic by nature, and no wonder that providing good examples of the construct will do good.

4. "Since the Light Triad traits have received much less attention concerning sociosexual phenomena, we especially sought to look at the predictive value of Light Triad traits relative to the Dark Triad traits." Again, this can be one of your research aims, but conducting an entire research study just because there is not enough research is not a good practice. Thus, you need to express the scientific and societal value of your research.

5. You may also state your propositions after the end of each relevant section. You can also state it at the end of the introduction, as you just did. Still, I expected to see your expectations about the link between light/dark traits and

sociosexuality after each relevant paragraph.

Method and Results

1. What about the relationship status of the participants? Was this asked or not? I assume it is a pretty relevant variable for that research since it is reasonable to assume that there may be a great difference between people in a romantic relationship having higher sociosexuality (especially in terms of behavior) and people not in a romantic relationship having higher sociosexuality. These are possible scenarios, and some people are also having hookups even though they are in a romantic relationship, or they may have positive attitudes or desires to have hookups. It may be too late to measure it since the data collection is over, but it needs to be expressed briefly if there was a reason not to measure it.

1. I couldn't see any results reported for gender, neither in the correlation table nor the regression tables. Is there a specific reason not to put it in the models? Because it was measured, and it is reasonable to expect that there must be gender differences, at least in sociosexual behavior. But if examining the gender issue is not your main aim, then you should also have stated that.

2. It could also be interesting to examine the difference between sociosexual desire and behavior in terms of gender.

3. Hierarchical regression would be the most appropriate analysis method for these types of models, which include different sets of variables. For example, demographic variables could be entered in the first step, light personality in the second step, and dark personality in the last. The order in which variables are entered into the regression equation is a crucial decision and should be based on a theoretical or conceptual rationale. For example, if you have control variables that you want to account for or control in the analysis, these are often entered first. Variables that are of primary interest or directly related to your research questions are usually entered later in the analysis.

Discussion

1. "Additionally, it was shown that people with higher Psychopathy personality traits are more promiscuous, which indicates a lack of commitment in long-term relationships." This finding made me think deeply about your results, and I couldn't see any relevant measurement concerning the relationship status of the participants in the method section. As far as I understand, you have no idea whether your participants were in any type of relationship at the time of data collection. Thus, I am also not really sure whether your study results align with previous research in that respect.

2. "Based on this study's findings, participants with narcissistic personality traits accept and desire promiscuous sexual relationships without developing emotional ties but are not engaging in them. People with high levels of Psychopathy personality traits are willing to, want to, and have sex without commitment, intimacy, or other signs of emotional attachment". This sounds as if it is negative to have casual sex. But if an individual doesn't have a romantic relationship, why should it be considered wrong? If it is considered wrong, then this needs to be expressed based on the literature.

3. You have a pretty well-written explanation addressing my previous comment in the next paragraph, right before the limitations section. For a better contextual understanding of sociosexuality, this issue could be expressed in the introduction briefly.

4. What could be the theoretical and practical contributions of this study?