

# 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.

It seems valuable as an extended finding that includes the Light Triad. However, there are some questions.

## #General point

1) One of the novel points of this study is that it addresses sociosexuality not as a single concept but in three dimensions (i.e., "extension"). However, this manuscript reads as just showing the relationship with the Dark/Light Triad for each of the three dimensions (i.e., added the Light Triad to the follow-up study of the relationship between sociosexuality and the Dark Triad). In other words, it seems necessary to consider not only the simple relationship among the three dimensions, but also the relationship among the three dimensions of sociosexuality and the process up to the behavioral dimension, based on empirical and theoretical findings, and to formulate hypotheses based on these findings. In addition, it seems necessary to discuss in detail how the Dark/Light Triad is related to such sociosexuality dimensions and processes. In particular, it is necessary to specify whether the Dark/Light Triad are considered to show different associations, and if so, the reasons for such associations. Alternatively, even if this is an exploratory study, it seems necessary to clearly state that it is an exploratory study, including the possibility that multiple hypotheses can be considered, by organizing the findings to date.

## #Specific points:

2) Results: Is it unnecessary to verify sex differences for each characteristic and to set control variables based on the results?

3) The Atkinson et al., 2016 cited in this paper may be an error for Koladich & Atkinson, 2016 (the reference section may also not match the authors and other information in the literature). Also, in that literature, it seems to be psychopathy, not narcissism, that is associated with serious romantic relationships.

4) Since Brewer & Abell, 2015 specifically examined the link between Machiavellianism and sexual behavior, it seems inappropriate for the literature to be cited in the context of psychopathy (although, of course, I understand that there is conceptual overlap between Machiavellianism and psychopathy and that the citation is about a lack of commitment in long-term relationships).