

Review of: "Blue Screen – Blue Mood? Influence of background color and attractiveness of female stimulus persons on current mood in an online experiment (PANAS)"

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Potential competing interests: No potential competing interests to declare.

This paper presents the effect of background color and facial attractiveness on mood in an online experimental setting using PANAS. At some level, the design of this research somewhat addresses the primary questions raised, while the conducted statistical analyses are appropriate.

I have some recommendations for improving this manuscript. First, the methods section needs more development on participant recruitment, randomization procedures, and how stimuli were standardized. While the discussion is fairly thorough, it would benefit from a more in-depth exploration of possible mechanisms underlying the observed effects and consideration of more general implications for online research methodology. Lastly, the conclusion is quite brief and should be further developed to integrate all simple aspects of the findings and their importance.

This research opens up prospects for more in-depth contributions to color psychology, mood assessment, and online experimental designs. It can offer much if the methodology is strengthened, its implications are discussed in greater detail, and the literature review is updated from more current sources, as other peer reviewers have suggested. Especially interesting were the results that showed the green backgrounds provoked positive effects, but there were no negative effects with the blue ones; hence, further study is needed.