

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.

The article titled "Blue Screen – Blue Mood? Influence of Background Color and Attractiveness of Female Stimulus Persons on Current Mood in an Online Experiment (PANAS)" by Ronald Henss explores the effects of background color and the attractiveness of female stimulus persons on the mood of participants in an online experiment. Here's a critique of the article:

1. Clarity and Organization: The article is well-structured and easy to follow. It begins with an abstract summarizing the study, followed by clear sections detailing the introduction, methods, results, discussion, and references.

2. Abstract: The abstract provides a concise overview of the study, including the methodology, key findings, and implications. However, it could be more explicit about the significance of the research and its potential contributions to the field.

3. Introduction: The introduction sets the context for the study and establishes the relevance of exploring the influence of background color and attractiveness on mood. It effectively outlines the research questions and objectives.

4. Methods: The methods section thoroughly describes the experimental design, participant recruitment, variables, measurement tools (PANAS), and data analysis procedures. The inclusion of details about sample size, participant demographics, and statistical analyses enhances the transparency and reproducibility of the study.

5. Results: The results section presents the findings in a systematic manner, including descriptive statistics, analyses of variance, and significant effects. However, some of the statistical analyses and interpretation of findings could be further elaborated to enhance clarity.

6. Discussion: The discussion provides a comprehensive analysis of the results, addressing the research questions and implications of the findings. It appropriately considers limitations, such as the skewed distribution of negative affects and potential confounding variables.

7. Strengths and Weaknesses:

- Strengths: The study employs a large sample size, rigorous methodology, and standardized measurement tools. It also explores the influence of background color and attractiveness on mood, contributing to the understanding of

environmental factors in affective experiences.

- Weaknesses: The study primarily focuses on short-term mood states elicited by online stimuli, limiting the generalizability of findings to real-world contexts. Additionally, the exclusive focus on female stimulus persons may overlook potential gender effects in mood perception.

8. References: The article includes relevant references to prior research, enhancing the credibility and context of the study.

9. Overall Suitability for Publication: The article demonstrates scholarly rigor and contributes valuable insights into the influence of background color and attractiveness on mood. However, potential limitations in generalizability and scope should be acknowledged. The study's novelty, methodology, and findings make it suitable for publication in a peer-reviewed journal like Qeios, particularly in the field of affective science or human-computer interaction.

In conclusion, while the study offers valuable contributions to understanding the effects of background color and attractiveness on mood, addressing potential limitations and providing clearer explanations of certain analyses could strengthen its impact and appeal to a broader audience in academic publishing.