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Dear Editor,

Please find attached our manuscript titled “The AMPeror’s New Clothes: Performance on the Affect Misattribution Procedure is Mainly Driven by Awareness of Influence of the Primes”, which we submit for consideration as an empirical paper to the “Attitudes and Social Cognition” section in *Journal of Personality and Social Psychology*. The manuscript is co-authored by Ian Hussey and Sean Hughes, is 68 pages long, and includes 6 figures (no tables).

The Affect Misattribution Procedure (Payne, Cheng, Govorun, & Stewart, 2005) is one of the most frequently-used tasks in the study of implicit cognition. Over the past 15 years it has been used in social psychology (to measure attitudes and stereotypes towards race and gender outgroups; to predict sexual preferences and political orientation), personality psychology (to measure self-concept in terms of Big Five dimensions), health psychology (to predict exercise behaviors and problematic alcohol consumption), and clinical psychology (to predict self-harm, child abuse, depression, and anxiety). The AMP is used to provide insight into various forms of implicit bias, and more recently, to prospectively predict clinical phenomena and benchmark the effectiveness of psychological interventions. It has also inspired a new wave of methodologies such as the Semantic Misattribution Procedure, the Emotion Misattribution Procedure, and Truth Misattribution Procedure.

Its success is due - in large part - to its apparent ability to capture psychological processes that occur implicitly (outside of a person’s awareness or intent). If it transpired that AMP effects were actually driven by awareness or intent, then this would pose a serious challenge to how we have interpreted past AMP research and the measure’s present and future use and utility.

Across five pre-registered, highly-powered studies (total *n* = 1021), we systematically examined this question (i.e., whether AMP effects are dependent on people’s awareness of the prime’s influence on their evaluations). We open with a review and discussion of previous research which has sought to investigate the implicitness of the AMP, and the problems present within that work. We then introduce a novel, methodologically-rigorous means of testing the (un)awareness of AMP effects by using a modification on the traditional AMP procedure.

In Experiment 1, we demonstrate that effects in this modified AMP are driven almost-exclusively by a subset of trials where people are aware of the influence of primes on their evaluations, and by people with higher rates of awareness of prime influence on their responses. In Experiment 2, we show that awareness rates in our modified AMP predict performance in a traditional AMP completed at an ***earlier***moment in time. In Experiment 3, we show that Experiment 2’s effects persist even when the modified and traditional AMPs assess content from entirely different domains. In Experiment 4 we show that a given person’s awareness rate on one modified AMP correlates strongly with their awareness rate on another modified AMP in a different domain (i.e., that it is the same subset of people driving performance in different AMPs). Additionally, when we exclude aware trials, the AMP’s predictive utility in discriminating between known-groups is drastically reduced. Finally, Experiment 5 shows that these findings emerge even when a supposedly superior AMP is used, one that was just introduced by Mann and colleagues in a recent edition of JPSP (Volume 116, Issue 3*,* 2019).

Overall, our findings represent an immediate and pressing challenge to how past AMP research has been interpreted, and to present as well as future research using the task. Specifically, our findings indicate: (a) that the AMP is not implicit in the sense of unaware, (b) that it does not capture misattribution (at least as traditionally defined), and (c) that AMP effects cannot be used to make inferences about cognitive processes operating *in people in general*, and is not an equally-valid measures of evaluations across all individuals. These findings have wide-reaching implications for theory and research in social and personality psychology, where the AMP is frequently employed.

Based on our work’s implications, and JPSP’s longstanding and ongoing interest in publishing conceptual and empirical AMP research, we believe our manuscript will be of great interest to the journal’s readership.

I will be serving as the corresponding author for this manuscript. The other authors listed in the by-line have agreed to the by-line order and to the submission of the manuscript in this form. I have assumed responsibility for keeping my co-authors informed of our progress through the editorial review process, the content of the reviews, and any revisions made.

The work reported in this paper has not been published previously in this form or any other form, nor is it under consideration for publication elsewhere. We hope that you will consider our manuscript for publication and look forward to your reply.

Kind Regards,

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