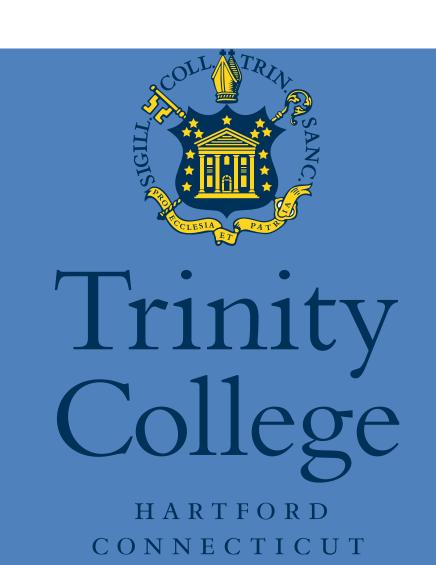
Investigating the Change in State Boredom After Completion of the Attentional Blink Paradigm

Julia Francis and Michael Grubb | Department of Psychology | Trinity College, Hartford CT

Co-Researchers: Jack Miller, Raysa Leguizamon and Kefei Wang



Introduction

Boredom: The feeling of disengagement from the outside world and being stuck in an endless and dissatisfying present, making a person's surroundings undesirable (Falhman et al. 2013)

State Boredom: An individual's experience of boredom in a given moment (Falhman et al. 2013) Hunter and Eastwood (2018) claim that attentional failures cause state boredom and suggest further research **Hypothesis**: State boredom will increase after completing the attentional blink paradigm

Methods

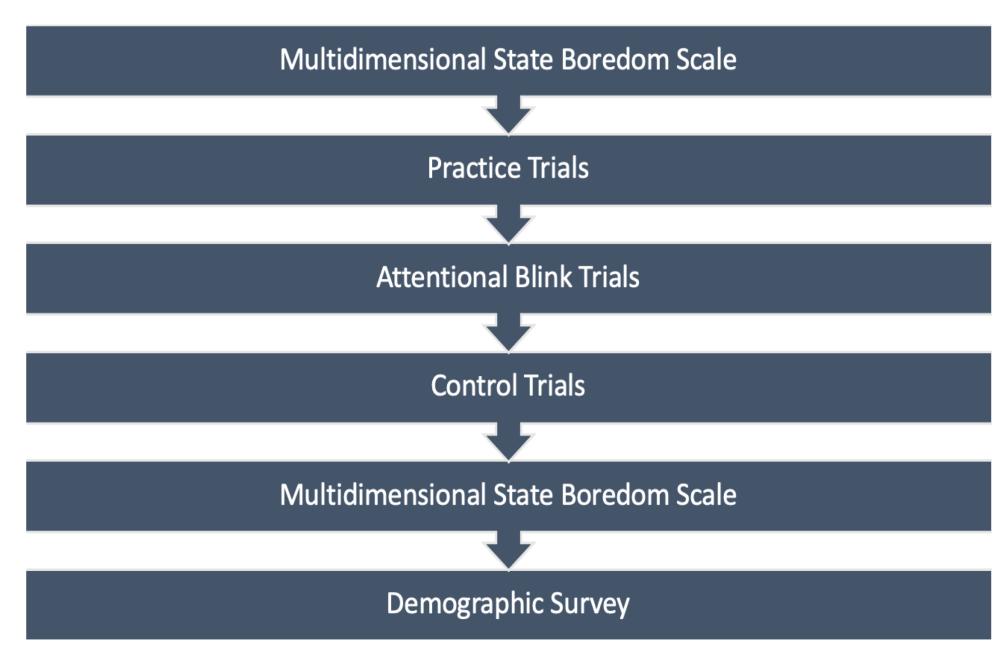


Figure 1 shows the experimental procedure

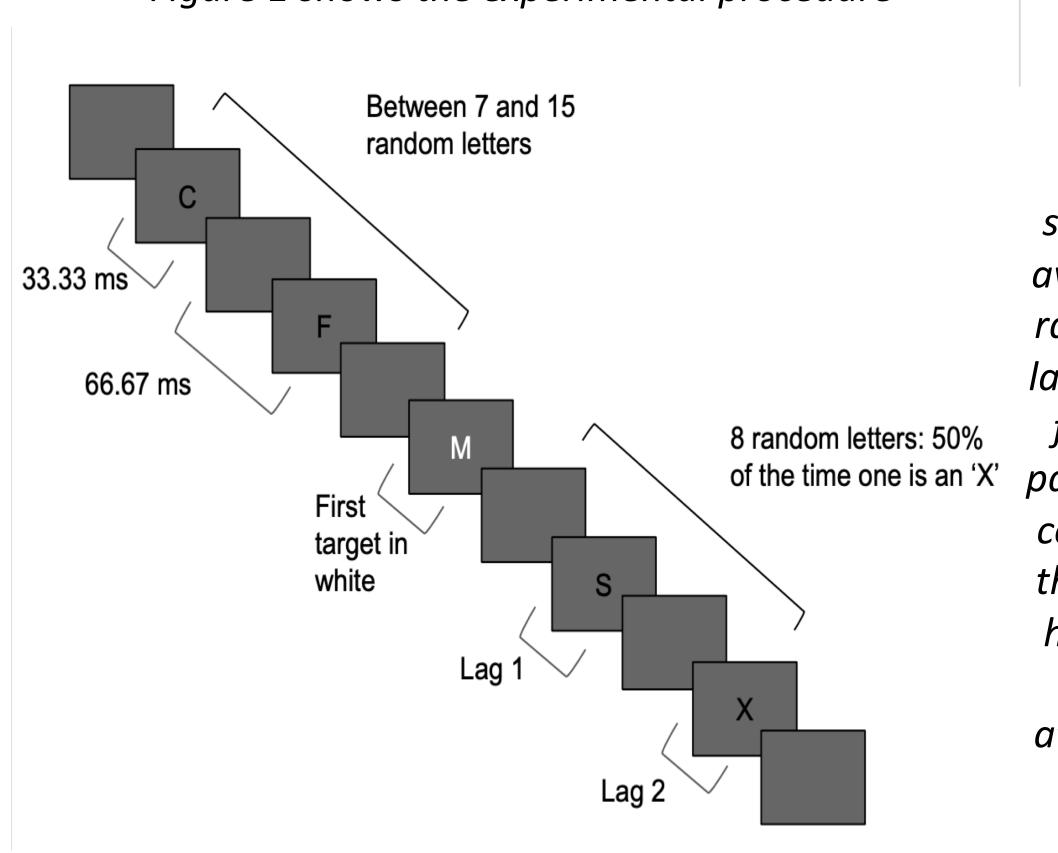
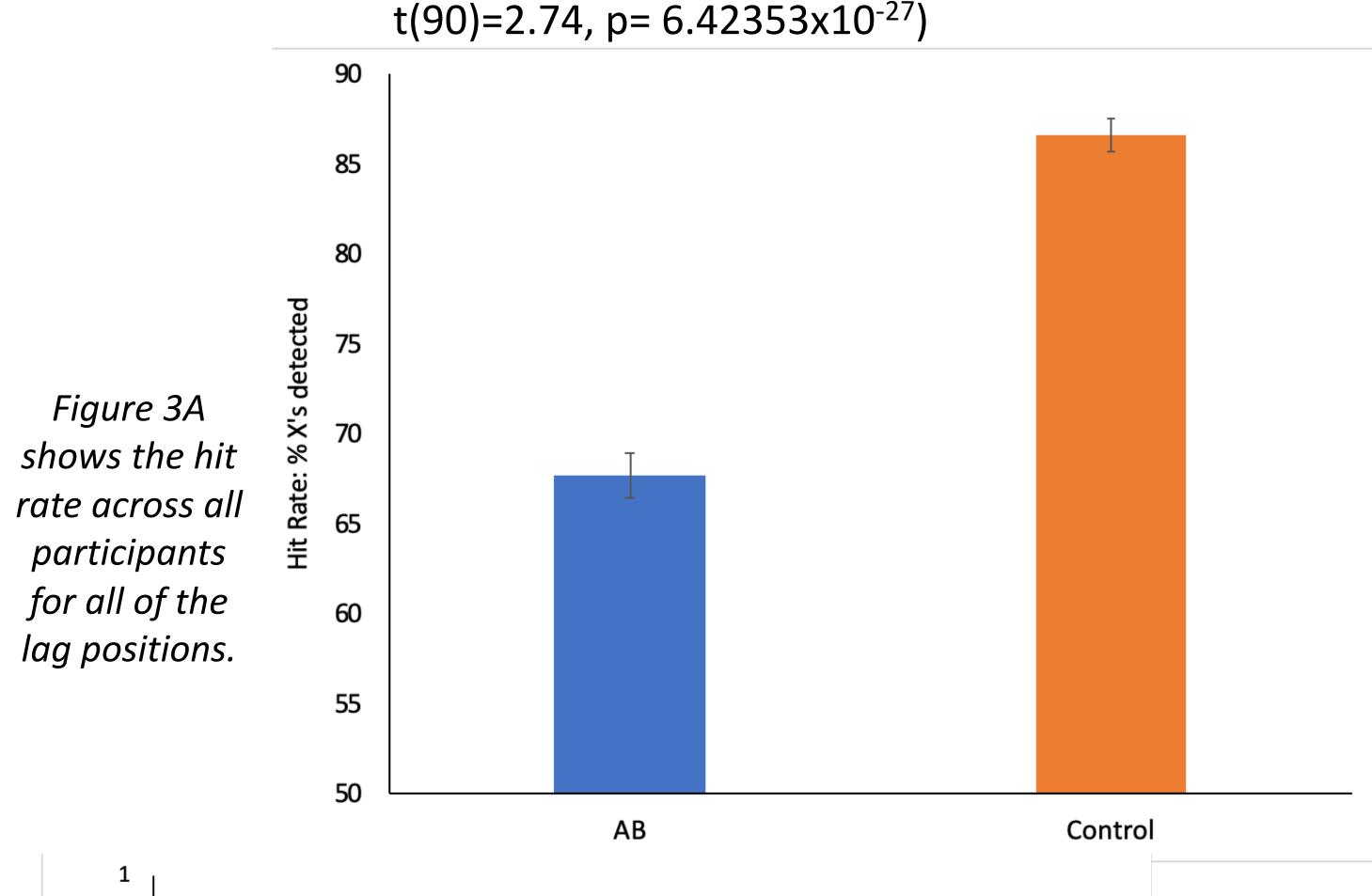
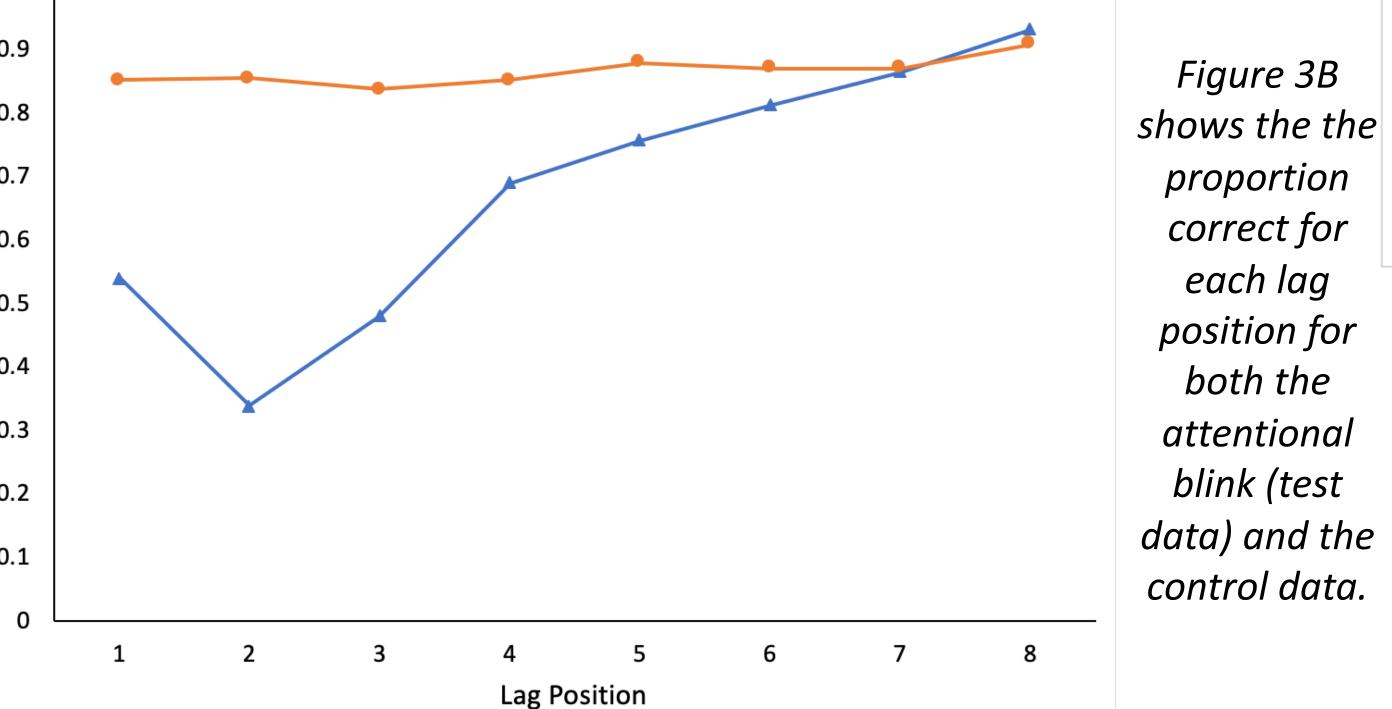


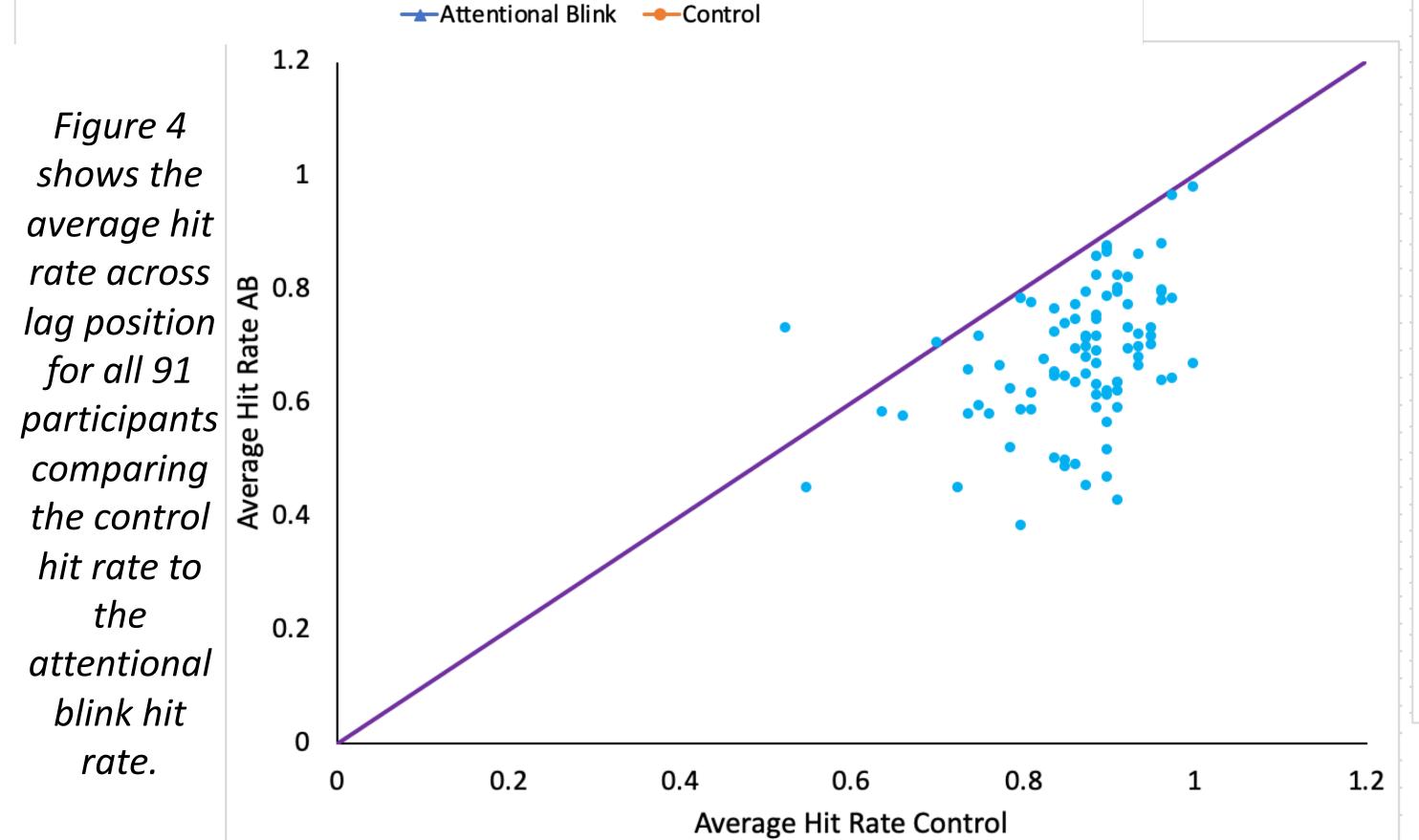
Figure 2 shows the attentional blink paradigm

Attentional Blink

Significant Difference Between Control and







State Boredom

2-Factor Repeated Measures ANOVA Significant Interaction $(F(4, 360) = 1.453, p = 0.005, np^2)$ = 0.044).

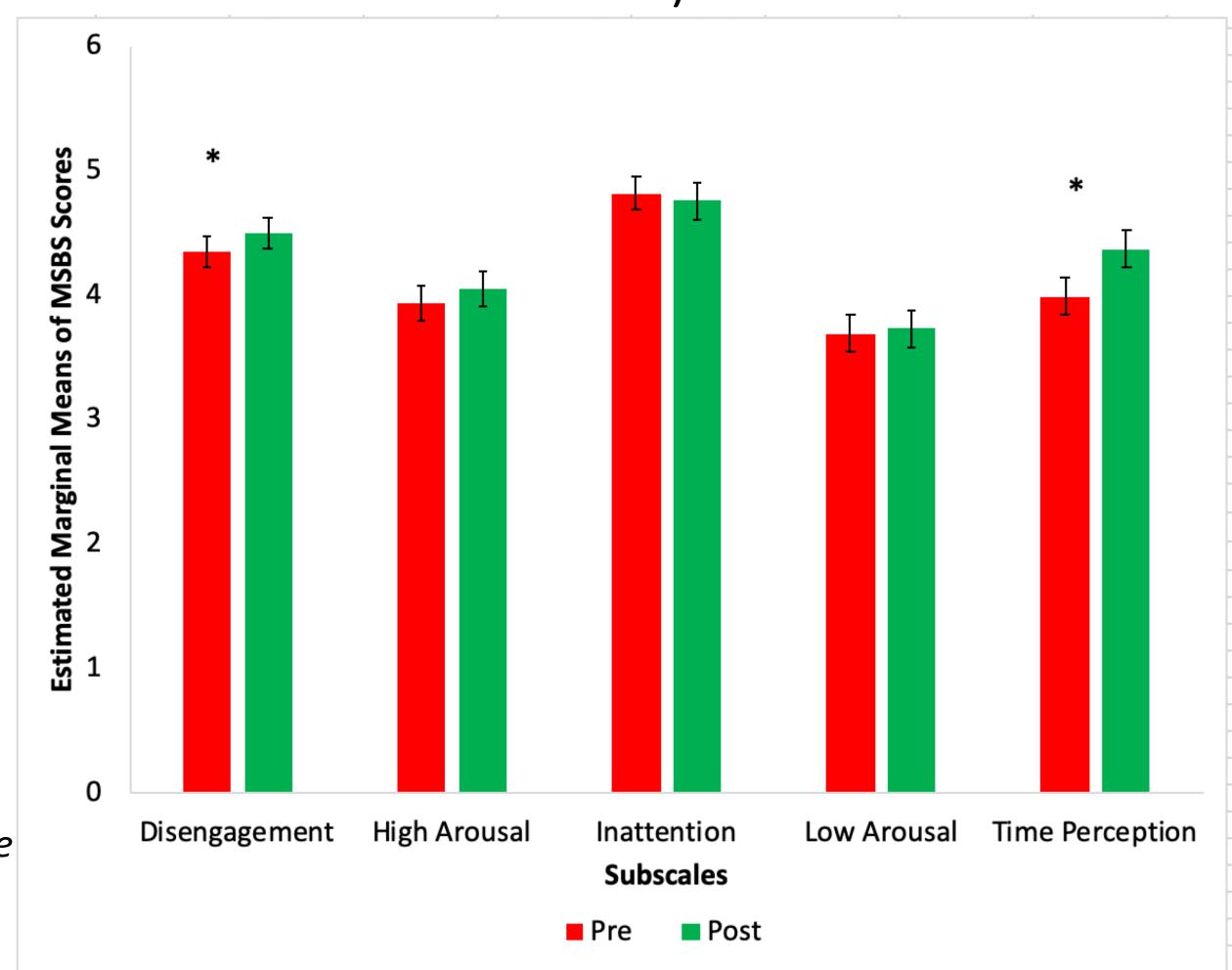


Figure 5 shows the average pre and post MSBS scores across all participants. Significant differences are shown with an asterisks.

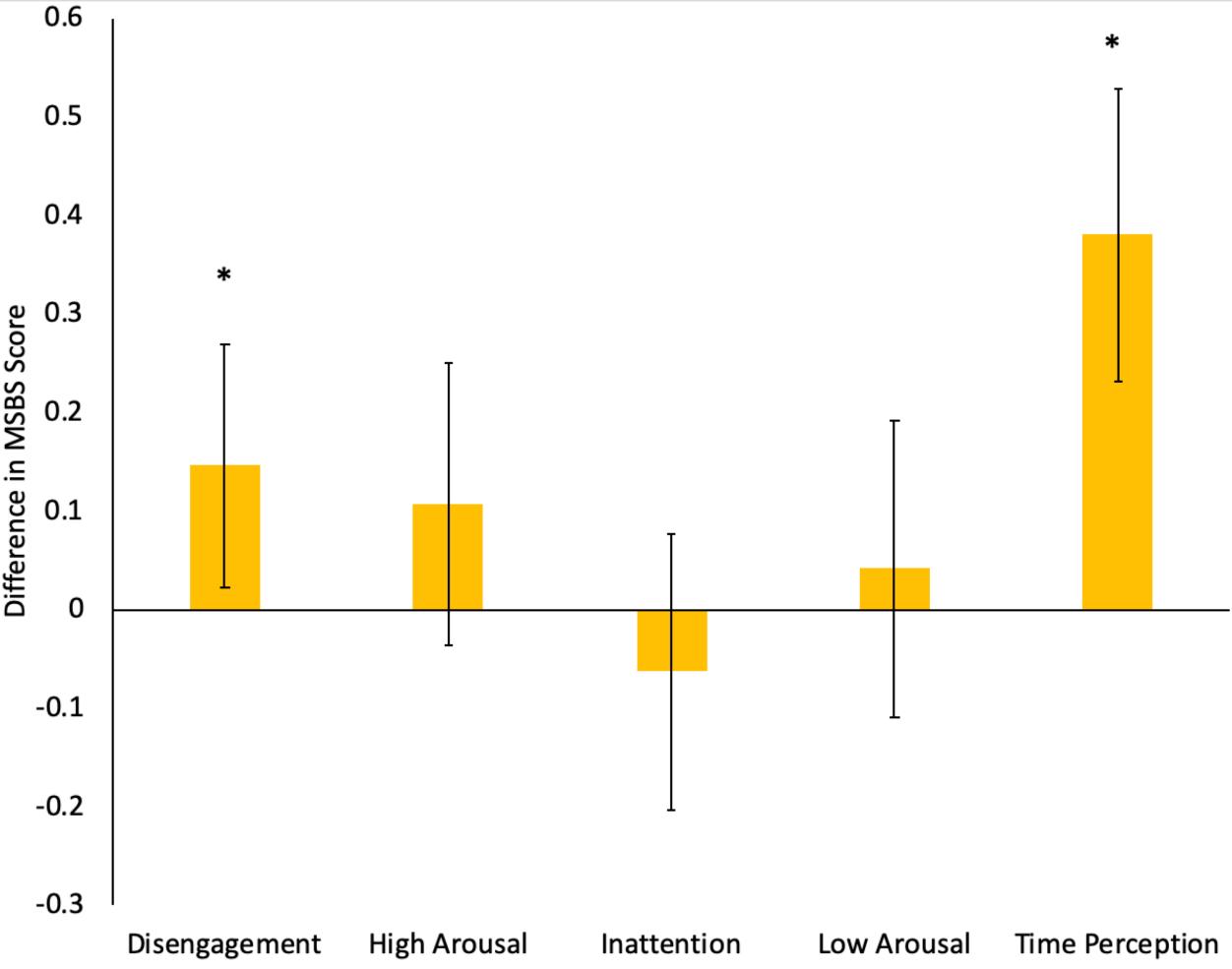


Figure 6 shows the difference in MSBS scores (average post scores – average pre scores).

Major Findings

- There was a very strong attentional blink shown, meaning there was evidence of attentional failures by participants.
- Disengagement and time perception subscales are the only two subscales that showed a significant difference (marked with asterisk) between pre and post MSBS scores after the attentional blink was performed.
- 3. Participants may take longer than they expect to complete the task, making the perception of time going by skewed (Danckert and Allman, 2005).
- 4. Disengagement is defined as "a longing to engage in an unspecified satisfying activity" (Baratta & Spence, 2018; p.478).

Limitations and Future Research

2020-2021 COVID-19 pandemic has increased baseline boredom levels and made people feel that time is passing slower than normal (Driot-Volet et al. 2020)

Repeat the study when the COVID-19 pandemic is over

Repeat study in a lab setting to control number of distractors for participants

References

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