Sona # 189 Approval No 2708

**Additional Study Information**

**Title:**

1. *What kind of study is it, e.g., descriptive, correlational, experimental?*

This is an experimental and correlational study. We are interested in the test-retest reliability of value-modulated attention capture and how it relates to personality measures, intelligence, and drug use.

*What are the independent variables? How are you operationalising them?*

In the spatial search task and rapid image stream tasks, the IVs are the reward-value of the coloured circles and cue image types (birds/bikes etc.).

1. *What are the dependent variables that were measured? How are you operationalising them?*

In the spatial search task, the DVs are response accuracy and response time. In the RSVP task, the DV is response accuracy.

1. *What is one potential confounding variable and how have you attempted to control for it?*

One potential confounding variable is the colour of the circles that predicts high and low value rewards. One (or more) of these colours could be naturally more salient than the others. We have controlled for this possibility by counterbalancing which colours are assigned to be the signal of high-value reward for each participant.

1. *What is one potential ethical issue, and how has the experimenter attempted to resolve it?*

The money that participants can earn during this task might constitute an additional incentive for people to sign up for this research, even if they normally would not. We have resolved this issue by not mentioning this money in the project description advertised on the SONA system.

1. *Briefly, how did the experimenter get from first year psychology to conducting this research?*

During my undergraduate degree, I was particularly interested in cognitive psychology research. I have am currently employed as a Research Assistant working on cognitive psychology projects, and I hope to use this experience when I study for a PhD in the future.

*Thank you again for taking part. If you require any further information about this study, please contact Dr Mike Le Pelley (m.lepelley@unsw.edu.au).*