

Reward anticipation modulates the effect of cortisol on memory

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Abstract

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Experiment 1

Population & demographics

In total, we tested 18 participants. Due to different instructions given, one participant was excluded from this analysis. Of the remaining participants in this experiment 9 identified as female and 8 as male. Their mean age was 26.59 (SD = 3.52) years.

Due a handling error, one recall trial was not recorded for one participant. For the same participant, there is also no information available whether the participant actually saw the object (i.e. no memory trial). Nevertheless, this participants was included in this analysis because mixed linear models are robust against this.

Results

Overall memory performance

The average number of objects that were reported as not seen was 2.15 (SD = 1.93) in the recall task and 2.4 (SD = 1.79) in the 3AFC task. This was most commonly the knife (in half the participants), likely due to its small size.

References