

Rapid adaptive adjustment of parental care coincident with altered migratory behaviour

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Abstract

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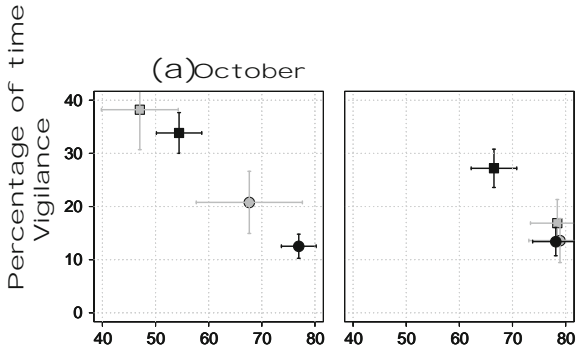
Keywords

Methods

The study was conducted in a laboratory setting. Participants were recruited from a local university and were screened for any conditions that might affect their ability to perform the tasks. The study was approved by the local ethics committee. Participants were familiarized with the tasks and the equipment used. The study was divided into two main parts: a familiarization phase and a data collection phase. In the familiarization phase, participants practiced the tasks until they were comfortable and stable. In the data collection phase, participants performed the tasks under various conditions. The tasks involved manipulating a virtual object using a hand-held controller. The virtual object was a rectangular prism with a size of 10 cm x 10 cm x 10 cm. The controller was a standard game controller with a trackball and several buttons. The participants were required to move the virtual object from one position to another. The movement was controlled by the trackball and the buttons. The distance between the starting and ending positions was 10 cm. The time taken to complete the movement was recorded. The participants were also required to hold the virtual object in a specific position for a certain duration. The duration was 5 seconds. The force exerted by the participant on the controller was measured using a force sensor. The force was recorded in Newtons (N). The data collected during the data collection phase were used to analyze the performance of the participants. The analysis included calculating the mean time to complete the movement, the standard deviation of the time, the mean force exerted, and the standard deviation of the force. The results of the analysis were compared between the two conditions.

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Results



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