

THE EFFECTS OF TRAINING ON CAUSAL PERCEPTION

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This research concerns the effects of training on causal perception. The experimental paradigm involves two events: the launching event in which the collision of a moving object(A) with a stationary one(B) was followed by the movement of object B, and the color-change event in which the color change of object A was followed by the movement of object B. Experiment 1 manipulated temporal delay between movement of objects A and B(or color change of object A and movement of object B). Results showed that the rating of causal perception in the color-change event increased with training; whereas in the launching event, the training effect was apparent only under shorter temporal delay(up to 100ms). The training effect on causal perception in launching event was further examined under different ratios of speeds of objects A and B in Experiment 2. Results from Experiment 2 showed training effect similar to that found in Experiment 1 was found only under specific stimulus combinations.

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