

Contributions of working memory and strategy use to belief bias

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Previous research has shown that individual differences in resistance to belief bias are related to strategy choice as proposed by the dual-strategy model. However, dual-process theories generally suggest that the belief bias effect is explained by individual differences in working memory capacity, which is required for analytical processes. In this study, we examined to contributions of strategy choice and working memory to belief bias. Participants received a diagnostic test for strategy use, an online working memory task, and a classic belief bias reasoning task. Results show that strategy choice has an effect on belief bias above the effects of working memory.