

Abstract

Knowing more sometimes hinders us to accurately make judgment or interpret others' thoughts. This study aims to investigate how relatedness and certainty of knowledge influence our understanding on others' intention behind a behavior driven by a false belief. Fifty-seven students participated in a false belief task with different approach cue, distractor and outcome of target object. Although result cannot significantly show main effect of relatedness and certainty of knowledge, interaction between approach object cue effect and relatedness effect, and that between approach object cue effect and certainty effect on curse of knowledge were found. These findings contribute in identifying factors affecting curse of knowledge and bring insight to how one's mental state (both desire and belief) can be misinterpreted by others.

*Keywords:* Curse of knowledge, Hindsight bias, False belief task, Belief-desire reasoning system