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Article Title: The Importance of Frameworks for Directing Empirical Questions: Reply to Goodie and Fantino (in press)

Abstract

Goodie and Fantino (in press) make two main criticisms of the predictions of Lovett and Schunn's (1999) RCCL model. In both cases, we believe the criticisms reflect a failure to appreciate the difference between broad frameworks and specific mathematical/computational models. In this paper, we show the value of a broad framework, such as RCCL, in directing new empirical analyses and guiding theoretical development. In particular, RCCL expands on existing work to reveal how variability and change in mental representations influence base-rate sensitivity. We also address several other issues raised by Goodie and Fantino (in press) and show that qualitative shifts in individuals' choice behavior are present in their original data—a key prediction of RCCL that does not appear in previous accounts.