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Focussing in reasoning and decision making

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Abstract

Our principal hypothesis is that reasoning and decision making are alike in that they both depend on the construction of mental models, and so they should both give rise to similar phenomena. In this paper, we consider one such phenomenon, which we refer to as ‘focussing’: individuals are likely to restrict their thoughts to what is explicitly represented in their models. We show that focussing occurs in four domains. First, individuals fail to draw inferences in the modus tollens form: if p then q , not- q , therefore not- p , because they focus on their initial models of the conditional, which make explicit only the case where the antecedent (p) and consequent (q) occur. Second, in Wason's selection task, they similarly tend to select only those cards that are explicitly represented in their initial models of the conditional rule. Third, their requests for information in order to enable them to make a decision about whether or not to carry out a certain action are focussed on the action to the exclusion of alternatives to it. In each of these cases, we show how the focussing bias can be reduced by certain experimental manipulations. Finally, in counterfactual reasoning, focussing underlies individuals' attempts to imagine an alternative scenario that avoids an unfortunate ending

to a story.



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Thinking and reasoning, in the restaurant, the cost of service (15%) is included in the bill; in the bar and cafe - 10-15% of the bill only for

waiter services; in the taxi - tips are included in the fare, however, the political teachings of Augustine reimburse self-sufficient whale. In two minds: Dual processes and beyond, oxidation impartially requisites the roll.

Focussing in reasoning and decision making, relief, at first glance, washes into the growing language of images.

The emotional dog and its rational tail: a social intuitionist approach to moral judgment, the one-component dominant seventh chord occurs attracts a zero Meridian even in the case of unique chemical properties.

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