

WISHFULTHINKING

Wishful thinking – the tendency to predict an outcome based on preference for that outcome (Krizan & Windschitl, 2007).



Krizan, Miller, & Johar (2010)



Simmons & Massey (2012)



Marks (1951)

BEYOND DICHOTOMOUS OUTCOMES

- Overchoice: The decreased ability to make decisions as the number of outcomes increase (Schwartz, 2004).
- Alternative Outcomes Effect: People's belief about the probability changes as the distribution of the outcomes changes (Windschitl & Wells, 1998).
- Dud-Alternative Effect: Unlikely The alternative outcomes increase perceived probability of focal outcome (Windschitl & Chambers, 2004).

RATIONALE Pairwise Comparisons **Objective Likelihood** Number of Options Compare focal outcome with Evaluate objective likelihood of Weighting each option as each alternative in turn event based on information equally likely = 50% available = 1/3 = 20%

People may be motivated to use a different decision strategy depending on preference for one outcome over others

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How the Number of Alternative Outcomes Influences Wishful Thinking

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- point information for each of the colors changed.
- The participants either saw the dichotomous grids or the polychotomous grids.
- Outcome measure: The number of times the participant predicts the color associated with either winning or losing points (critical color).

Hypothesis

Because there are more decision strategies for the polychotomous condition, it was hypothesized that there would be more wishful thinking in the polychotomous versus the dichotomous condition.





- conditions (p = .357).

Conclusions:

- the proportions of the colors.

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• Significant wishful thinking differences in the 40% condition (p = .029). Otherwise, equal amounts of wishful thinking across outcome

• There was significant wishful thinking and people were sensitive to

There was more wishful thinking when there was more uncertainty. • People are NOT more biased when there are more outcomes.