

Twitter Posts, Gist, and the Perceived Risk of Using a Novel Recreational Drug

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Introduction

Individuals frequently encounter two types of information when evaluating the risk of using new recreational drugs: base-rate evidence describing the frequency of positive and negative outcomes, and anecdotal evidence describing positive and negative personal experiences. The present study evaluated the relative importance of both types of evidence when considered simultaneously. We predicted that the presentation of even one negative anecdote would have an effect on the key risk information (the 'gist') that subjects extracted from the statistical and anecdotal data. Self-generated twitter posts (tweets) and standard measures of perceived risk were used to test the latter prediction.

Methods

PARTICIPANTS:

210 university adults, ages 17 to 40 (M = 19.93); 62.1% female

MANIPULATION:

- **Condition I:** Base-rate information regarding the drug's effects
- **Condition II:** Base-rate information plus five negative and one positive anecdotal reports regarding the drug
- **Condition III:** Base-rate information plus three positive and three negative anecdotal reports
- **Condition IV:** Base-rate information plus five positive and one negative anecdotal report

TASK:

Twitter Post (140 characters or less)

"Having read information about Deplorax, create a tweet to your friends about the drug. Use the space below to create the tweet."

MEASURES:

Perceived Likelihood of Risk:

Sample item: "In your opinion, how likely are you to have a bad reaction the first time"; **Response scale**: 0% to 100% (in 10% increments)

Perceived Harmfulness

Sample item: "In your opinion, how much would you harm yourself if you... Use Deplorax ONCE OR TWICE just to see what it is like"; **Response scale**: (1) no harm to (5) very great harm.

Methods cont'd.

Deplorax."



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