Analytic Thinking Predicts Vaccine Endorsement: Cognitive Style as an Antecedent of Vaccine Attitudes

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Analytic Thinking Predicts Vaccine Endorsement: Cognitive Style as an Antecedent of Vaccine Attitudes

Daniel A. Anderson
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Abstract

Method: A study correlating analytic and intuitive thinking with vaccine endorsement was conducted. The results suggest that analytic thinking is more strongly associated with vaccine endorsement than intuitive thinking.

2. Results

Table 1: Correlational models predicting effective orientation toward childhood vaccination (AO)

| Measure               | AO               | OR      | 95% CI      | p
|-----------------------|------------------|---------|-------------|------
| Cognition Style       | AO               | 1.00    | 0.97, 1.03  | 0.57 |
| Intuitive Style       | AO               | 1.00    | 0.97, 1.03  | 0.57 |

Discussion

Summary: The hypotheses were partially supported. A stronger relationship was observed between analytic thinking and vaccine endorsement than between intuitive thinking and vaccine endorsement.

1. Results

Table 2: Regression models predicting effective orientation toward childhood vaccination (AO)

| Measure               | AO               | β       | 95% CI      | p
|-----------------------|------------------|---------|-------------|------
| Cognition Style       | AO               | 0.01    | 0.00, 0.02  | 0.05 |
| Intuitive Style       | AO               | 0.00    | 0.00, 0.00  | 0.56 |

References


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