Faultless disagreement judgments track adults’ estimates of population-level consensus over adjective-referent pairs

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Introduction

Are adult judgments of subjectivity related to their estimations of consensus?

14 shirts in hues taken from the World Color Survey
7 focal hues for basic color terms
7 hues on the boundary between two terms
14 adjectives
7 color words: blue, green, yellow, orange, red, purple, pink
7 value words: pretty, nice, exciting, pleasant, strange, boring, ugly

Experiment 1

Participants: 185 adults on Amazon’s Mechanical Turk

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Experiment 2

Are adjectives belonging to different semantic classes fundamentally different?

Participants: 124 adults on Amazon’s Mechanical Turk

Experiment 3

Is the relation between consensus estimation and faultless disagreement causal?

Participants: 150 adults on Amazon’s Mechanical Turk

Future Directions

• What is the relationship between consensus, subjectivity, and uncertainty? (e.g., How confident are you that this shirt is blue?)

• Children struggle with both judging faultless disagreement and modeling interpretive diversity

• How do they estimate consensus?

• Do their faultless disagreement judgments track with their estimates of population-level consensus?

References


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