CSL4050-C04: Models of Perceptual Processing

11 - 11 Jan 2024

Poll results

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Survey (1/3)

Which of these principles applies to the particular visualization?

Important data elements should be represented by graphical elements that are more visually distinct than those representing less important elements.

27 %

Greater numerical quantities should be represented by more distinct visual elements.

✓

44 %

Graphical Symbol Systems should be standarized within and across application.

29 %

S. Kundu
Ph. D.

Survey (2/3)

0 8 6

Which of these principles applies to the particular visualization?

Important data elements should be represented by graphical elements that are more visually distinct than those representing less important elements.

✓

98 %

Greater numerical quantities should be represented by more distinct visual elements.

0 %

Graphical Symbol Systems should be standarized within and across application.

2 %

S. Kundu Ph.D.

Survey (3/3)

0 8 3

If we focus on the letters, then the image becomes blurry, whereas if we focus on the image, the text is unreadable. What is true about this observation?

This is happening top-down ✓

████████████████████████ 80 %

This is happening bottom-up

██ 10 %

This is due to the attention that is guiding all three stages of perceptual processing

✓

██████████████████████████ 95 %

This is due to the parallel processing of the stage 1 that is guiding the focus on the image

██ 7 %

slido