Color, Form, and Emotion in Judgments of Preference and Harmony Gary Hackett¹, Karen B. Schloss², and Stephen E. Palmer² ¹Interdisciplinary Studies, University of California, Berkeley ²Department of Psychology, University of California, Berkeley

Aesthetic judgments are influenced by both form and color

Dominance Order: 1) Ground color, 2) Figure color, 3) Form

 $Pleasantness = f(\underline{w_{f}} * form + w_{gc} * gcolor + w_{fc} * fcolor)$ $W_f + W_{qc} + W_{fc}$

When shown two figure-ground configurations with the same colors in opposite spatial arrangement people preferred the display in which the bluer region was larger.

Research Questions

How do shapes and colors of lines influence preference and/or harmony judgments?

Does emotional content of the colors of lines influence preference and/or harmony judgments?







For all line types, harmony ratings increased as a function of hue similarity, consistent with Schloss and Palmer (2007): harmony for figure-ground pairs is driven by hue similarity.

For figure-ground combinations, people preferred happy color combinations and happy line displays, which were judged to be more harmonious than sad color/line displays.

References and Acknowledgements

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