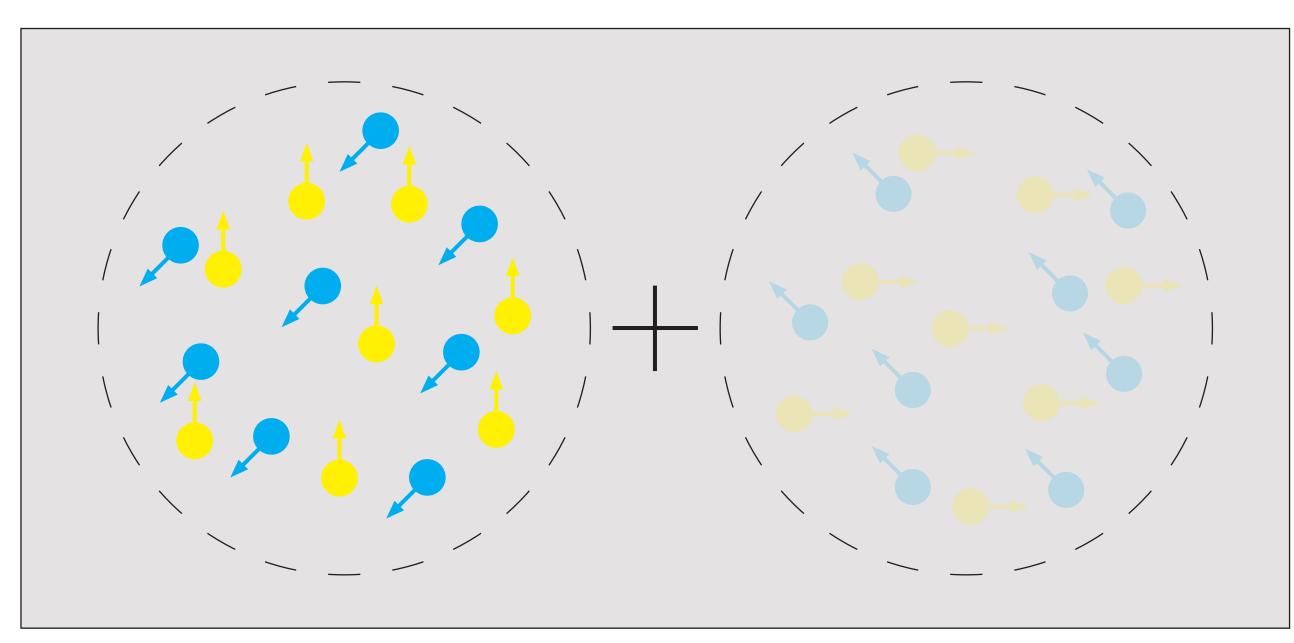
Putting spatial and feature-based attention on a shared perceptual metric

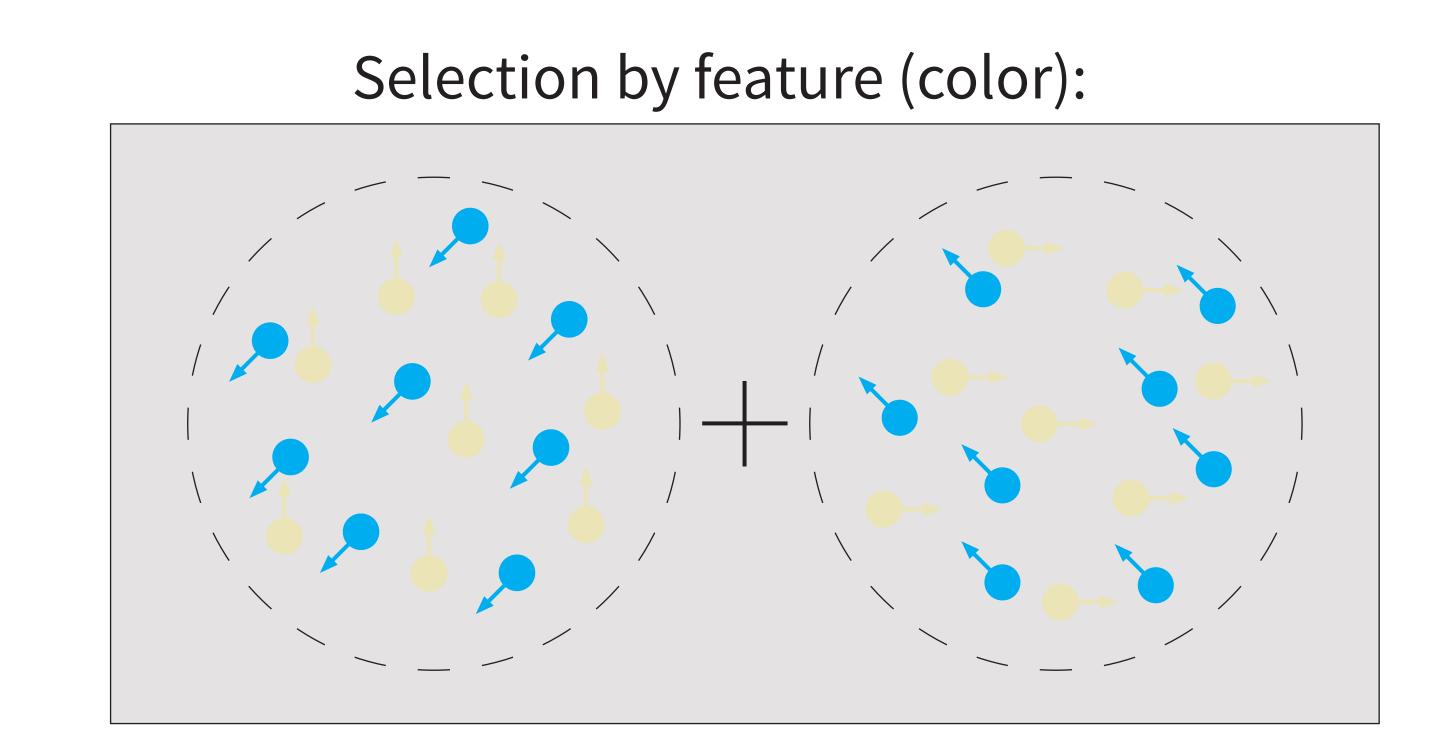
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1. Introduction





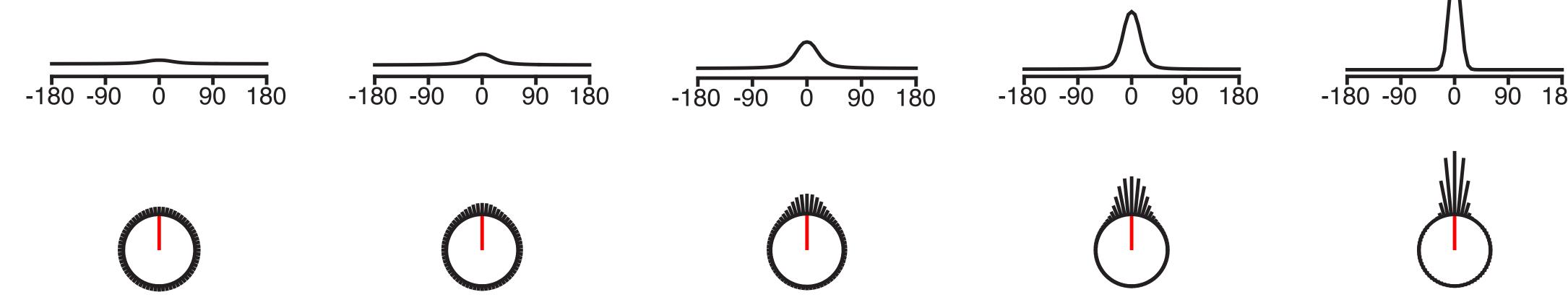


Are these forms of selection equivalent?

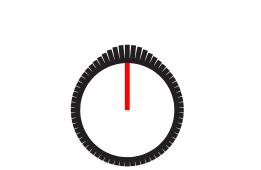
If not, what mechanisms might lead to differences in selection?

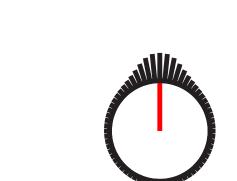
2. A shared perceptual metric

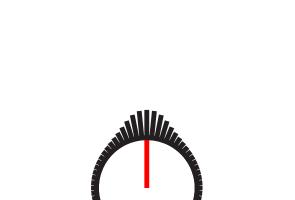
Observers (n=5) were asked to average the motion direction of two patches, selected by color or side. We fit their responses with a model with a single parameter (d').



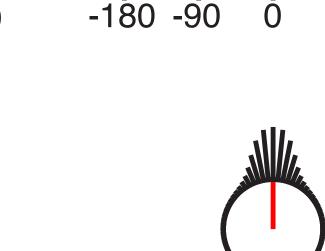
d': 0.20







d': 1.00

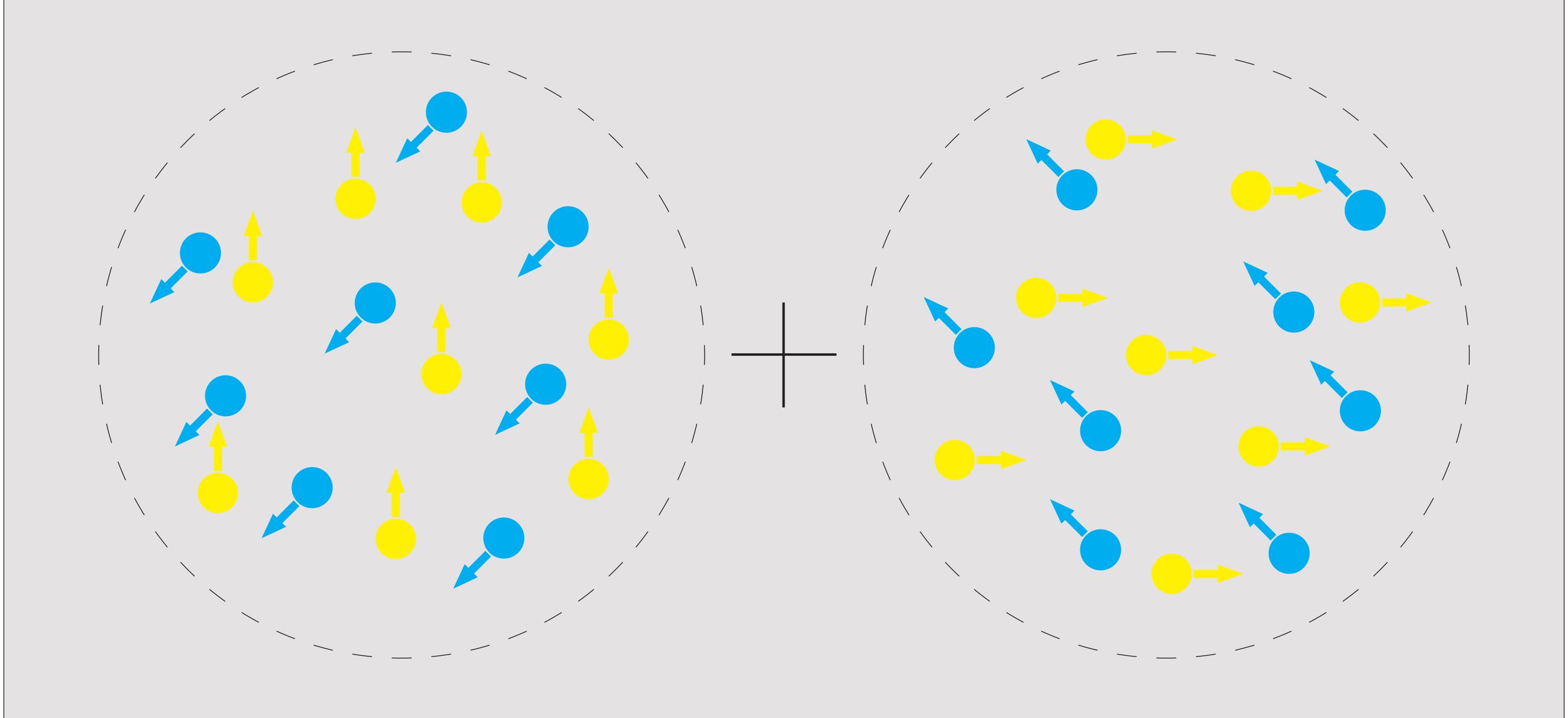


d': 2.00



d': 5.00

How can we compare different forms of sensory selection?



We built a simple task which shows that spatial and featurebased selection are basically the same.