

# "To bite, or not to bite": Perceived causality in the perception of negative parts



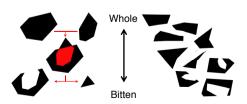
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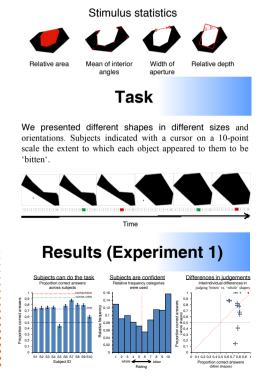
## Background

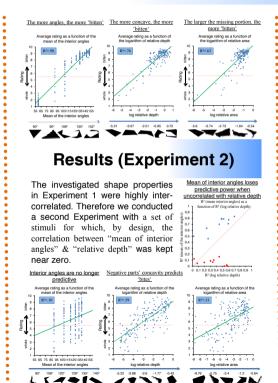


## Stimuli: "Hexagon world"

Stimuli were created from convex, irregular hexagons. From half of the stimuli, a portion of the shape was deleted by random intersection with another hexagon and removing the region of overlap.





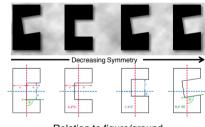


## Discussion

Our data suggest that subjects are good at inferring the causal history of unfamiliar 'bitten' 2D shapes.

On a between subject basis the relative depth of a negative part & and its relative area are good predictor of the subjects' judgements.

### Genericity



### Relation to figure/ground







### Relatability





