

trial sequence

.5 sec

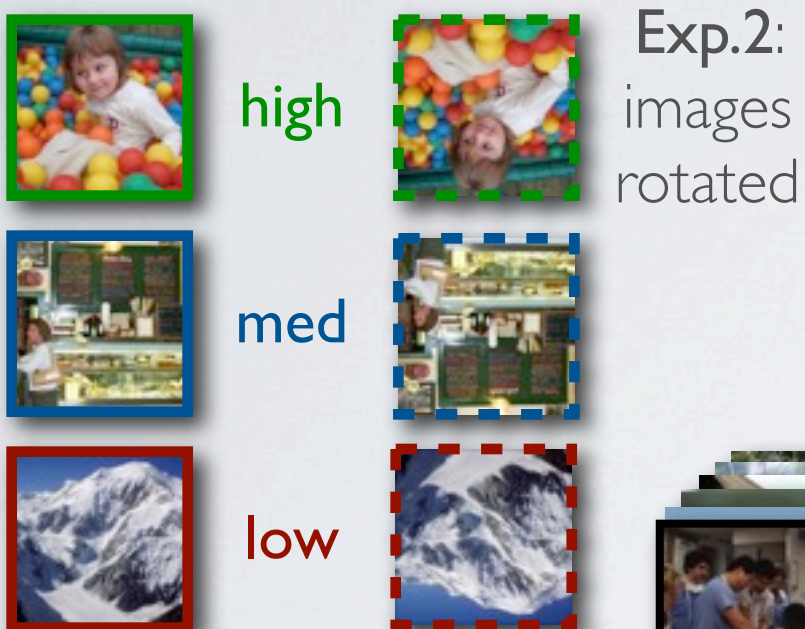
2 sec

Võ, Gavrilov, & Oliva

time

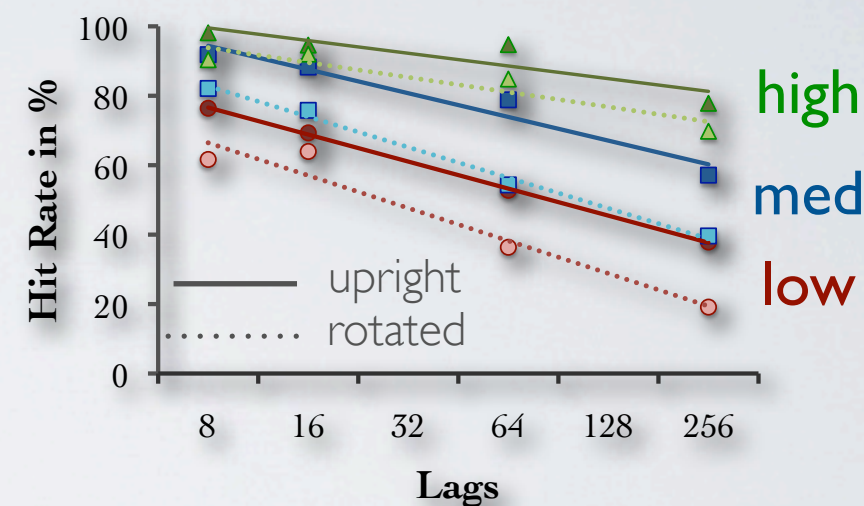
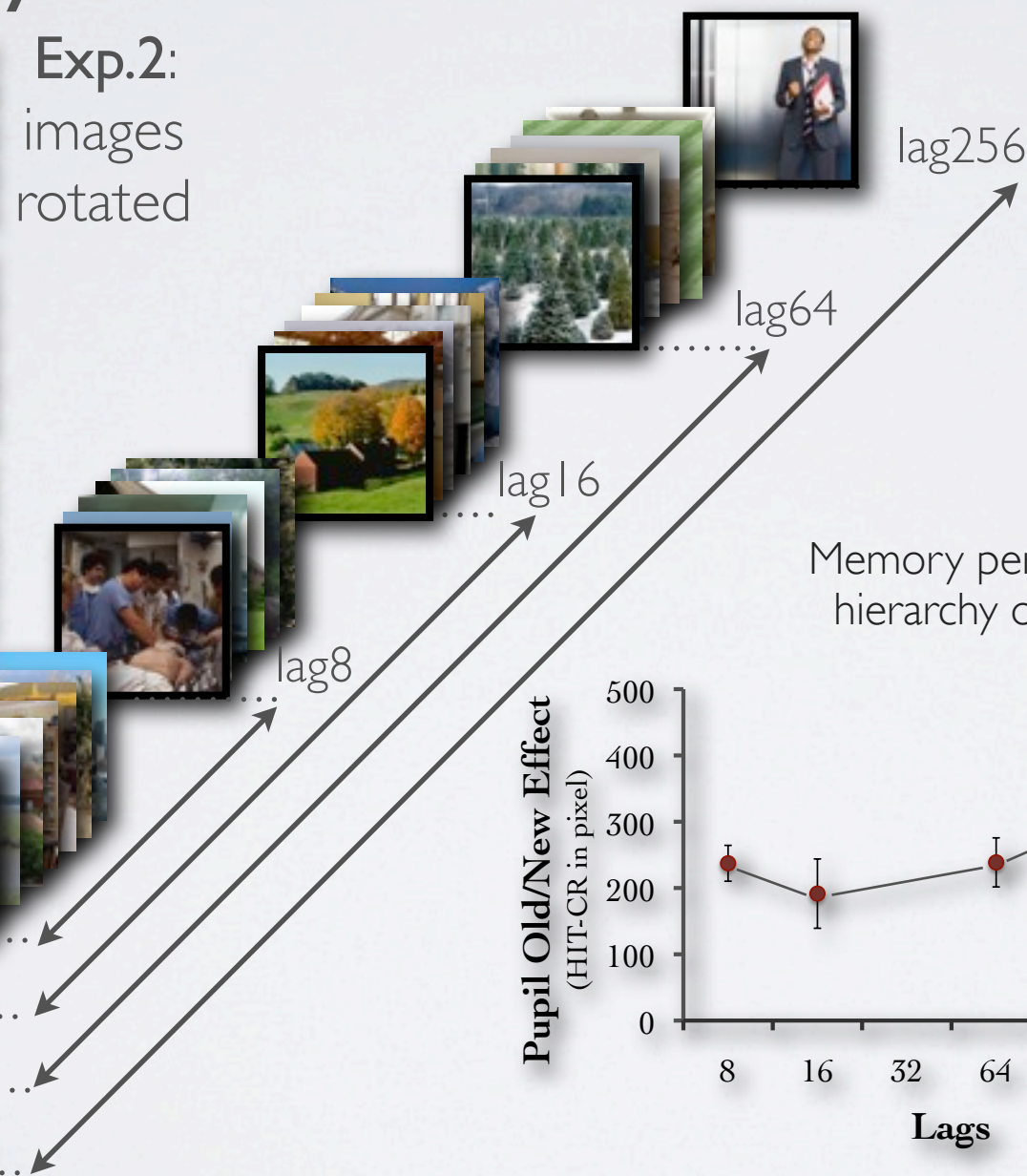


image memorability

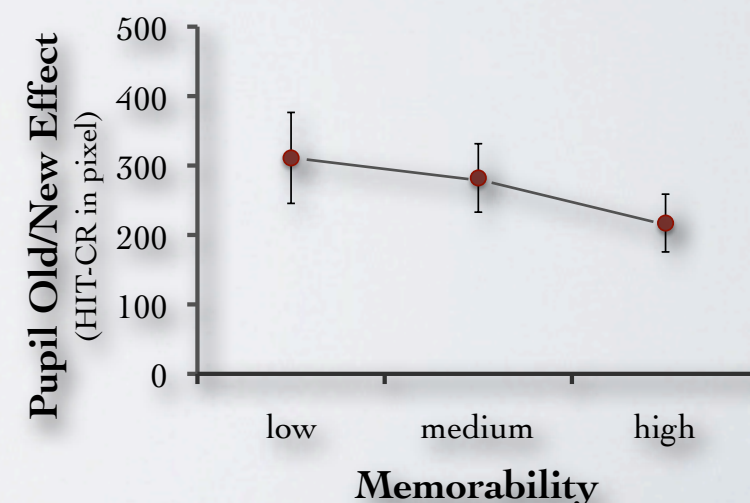
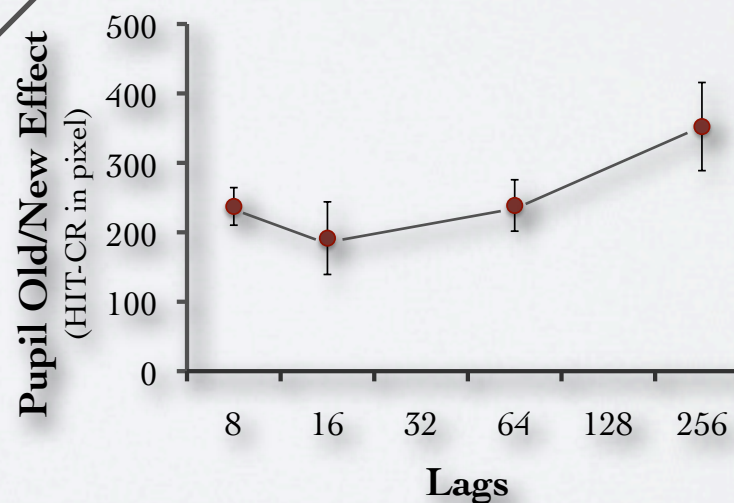


Exp.1:
images
upright

image sequence with varying lags



Memory performance drops logarithmically with lag, while the hierarchy of memorability remains even for rotated images.



The pupil old/new effect (greater dilations to hits vs correct rejections) increases with increasing number of intervening images and decreases with increasing image memorability implying that image inherent features evoke differential degrees of cognitive load during memory retrieval of naturalistic scenes.