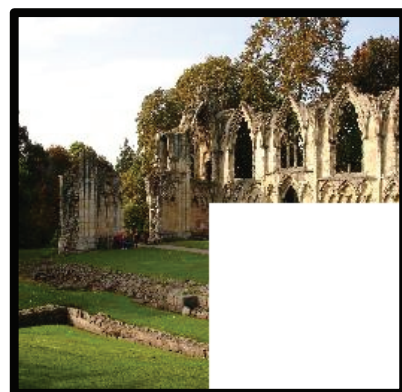
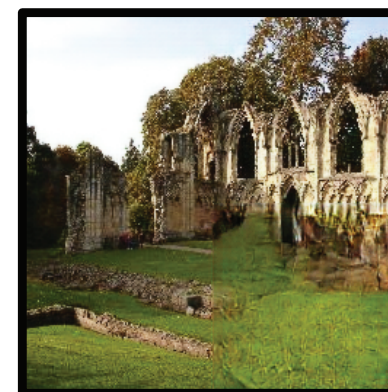


(a)

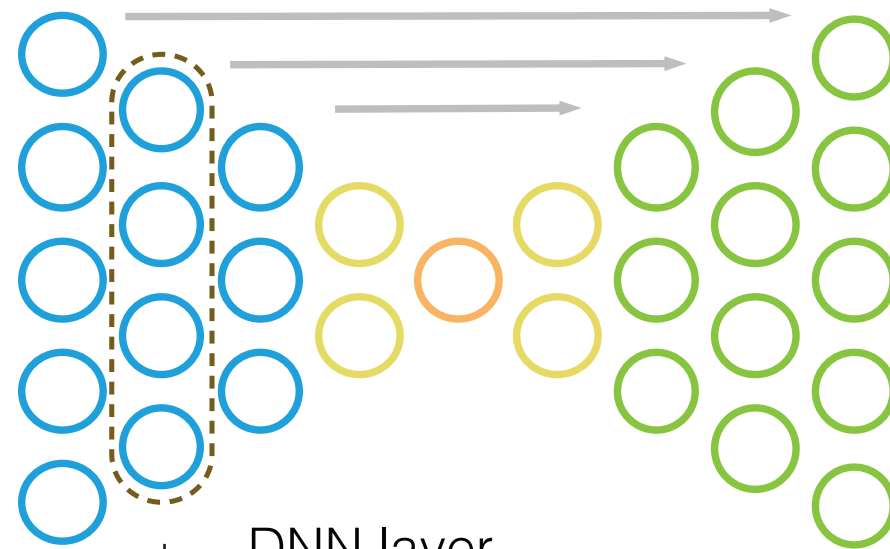
input image



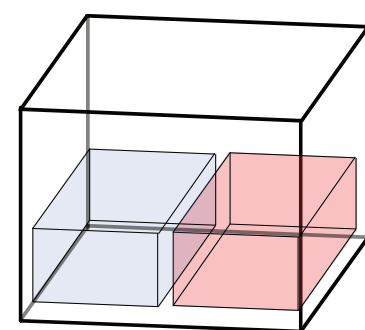
output image



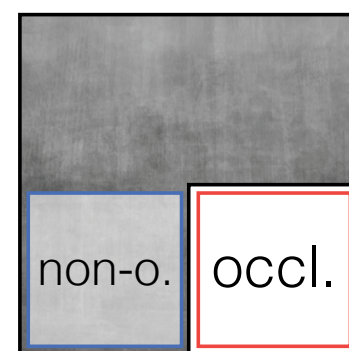
copied feature maps

DNN layer
extraction

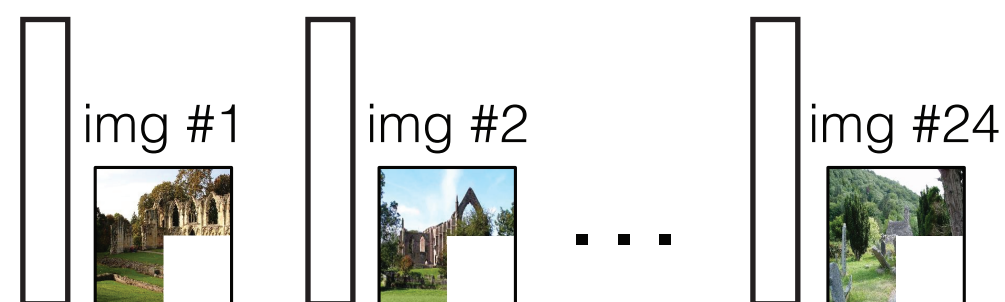
Layer activation
extraction
(a quadrant
at a time)



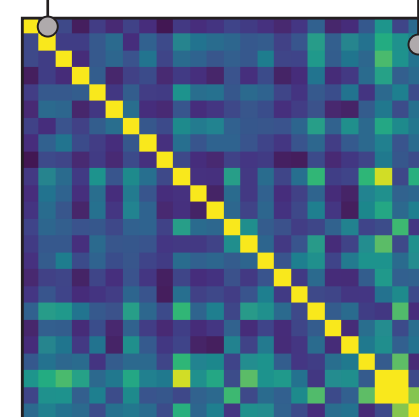
shape
w x h x ch.



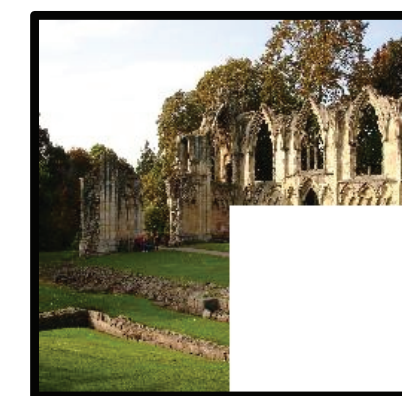
PCA
(representations
reduction to
1024 components)



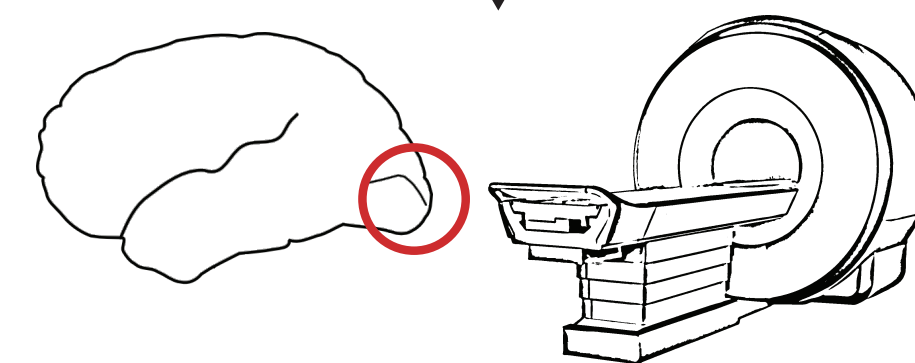
RSA
(on PCA-reduced
representations)
(24 x 24)



(b)



stimulation
images
(see supp.)

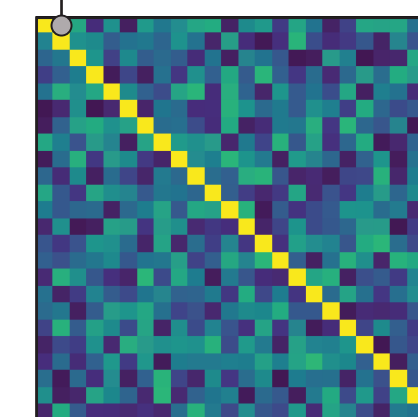


fMRI
experiment
(3T, V1-V2)
24 imgs x
16 repetitions



V1
(same quadrant
selected)

RSA
(24 x 24)



cross-validated comparison:
Kendall's Tau-a rank correlation