

Contrastive learning of salient features

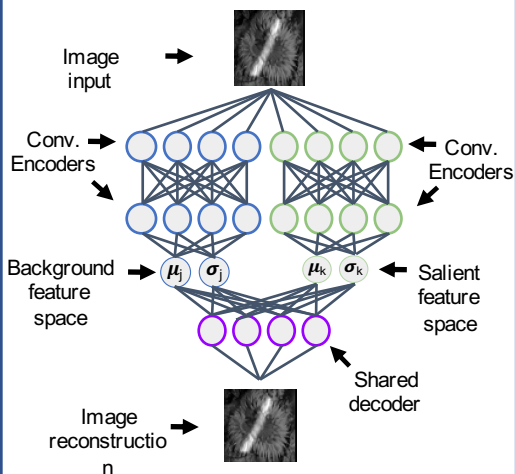


Input data:
Background (BG) and
Salient (SL) images

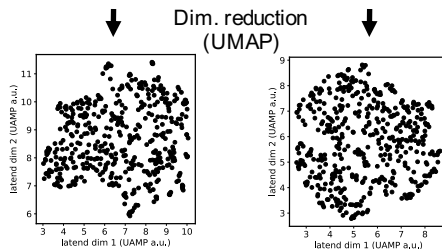
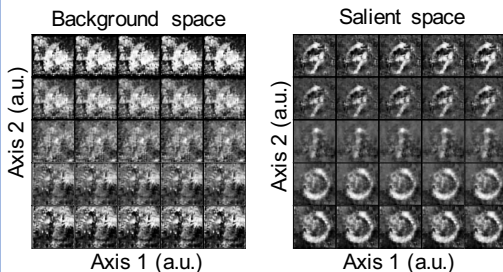
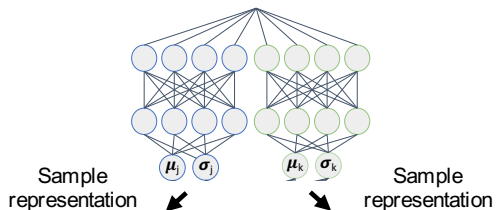
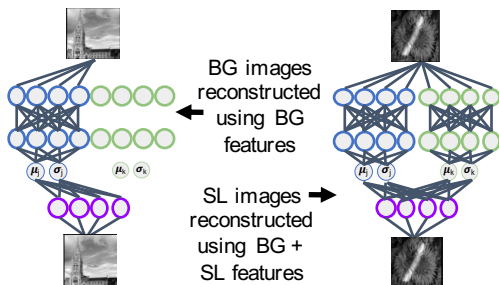
■ BG image
(IMAGENET)

■ SL image
(IMAGENET+MNIST)

Network Architecture

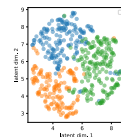


Data flow



GMM clustering ↓

Salient features learned from overlapping (BG+SL) images



Cluster prototypes

