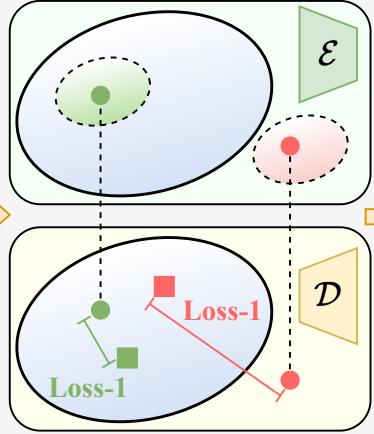


Double-Reconstruction Detailed Process

Origin Images (x)



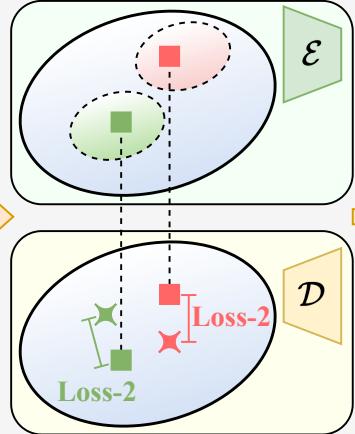
First Reconstruction



First Recon-Image (x^*)



Second Reconstruction



Second Recon-Image (x^{**})



Loss Ratio (t)

$\text{Loss-1} = 0.0035$

$\text{Loss-2} = 0.0027$

$$t = 1.30$$

$\text{Loss-1} = 0.0082$

$\text{Loss-2} = 0.0025$

$$t = 3.28$$

Cloud: Belonging Image

Cloud: Non-Belonging Image

Cloud: Origin Image Feature

Cloud: First Recon-Image Feature

Cloud: Second Recon-Image Feature

Circle: VAE Feature Distribution

Cloud: Encoded Feature Distribution (Belonging)

Cloud: Encoded Feature Distribution (Non-Belonging)

