Test Data Support set **Query set** Negative Code_N task-1 task-n task-2 \mathcal{L}_{vae}^n Training Data task-1 0 task-2 $\mathcal{L}_{\mathcal{T}}$ Output CNN Positive Code_P task-n </l></l></l></l></l></ \mathcal{L}^p_{vae} decoder encoder