7 x Label-conditioned + 1 Concept-conditioned CLoG Benchmarks
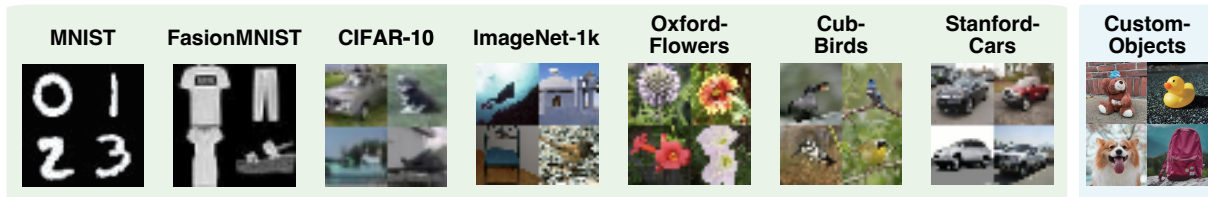
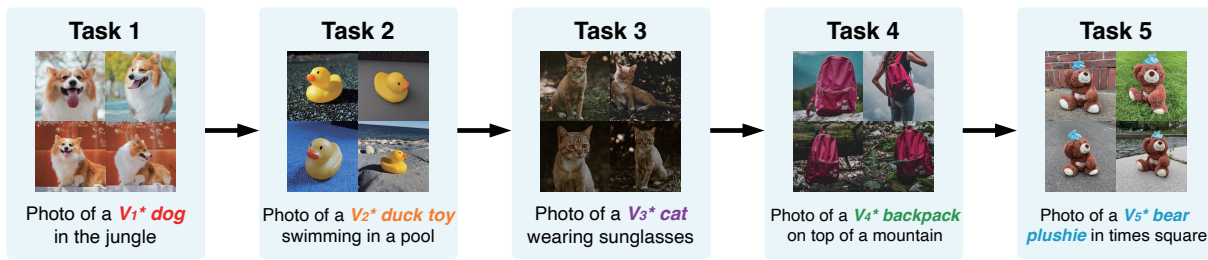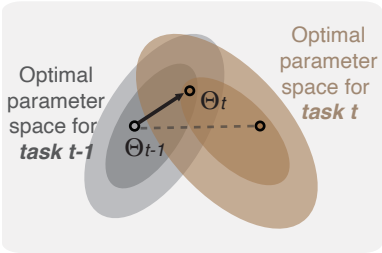**Benchmark datasets:** MNIST, FasionMNIST, CIFAR-10, ImageNet-1k, Oxford-Flowers, Cub-Birds, Stanford-Cars, Custom-Objects

Label-conditional CLoG (example: CIFAR-10)

Task 1 → Task 2 → Task 3 → Task 4 → Task 5

- Task 1: Airplane, Automobile
- Task 2: Bird, Cat
- Task 3: Deer, Dog
- Task 4: Frog, Horse
- Task 5: Ship, Truck
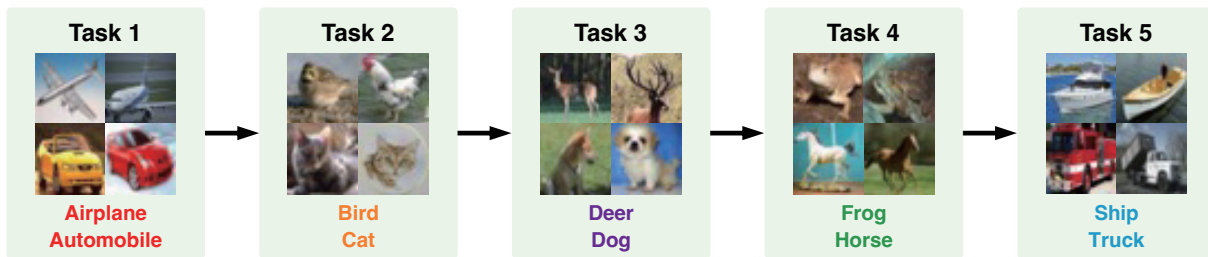
Concept-conditional CLoG (example: Custom-Objects)

Task 1 → Task 2 → Task 3 → Task 4 → Task 5

- Task 1: Photo of a V_1^* *dog* in the jungle
- Task 2: Photo of a V_2^* *duck toy* swimming in a pool
- Task 3: Photo of a V_3^* *cat* wearing sunglasses
- Task 4: Photo of a V_4^* *backpack* on top of a mountain
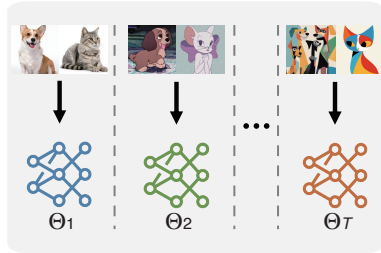- Task 5: Photo of a V_5^* *bear plushie* in times square

Regularization-based method
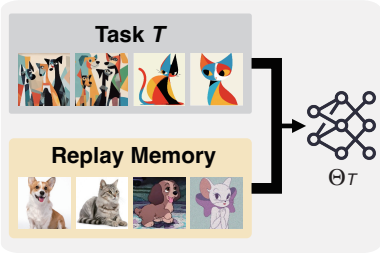
Replay-based method

Parameter-isolation-based