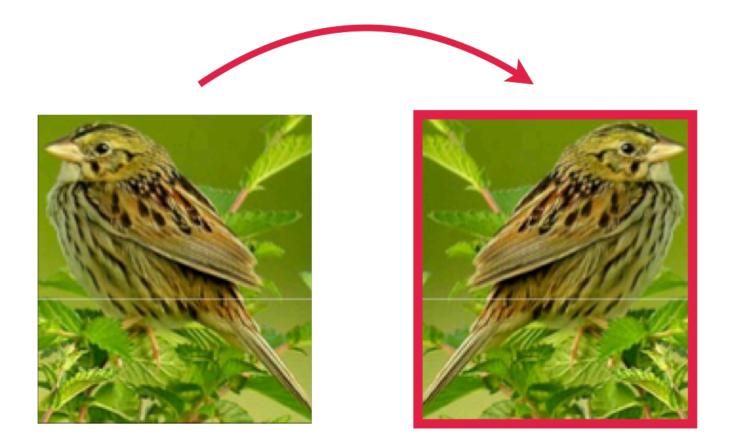
Self-supervision

applying image augmentation (different views of data)



Auxiliary Information

data attributes

Is the beak cone-shaped? yes
Is the upper-tail brown? yes
Is the breast solid colored? no
Is the breast striped? yes
Is the throat white? yes

animal aquatic vertebrate vertebrate

mammal

(WordNet) hierarchy information

fish

Label: Henslow's Sparrow —> label not seen during training

bird

Our Method

Cl-InfoNCE (contrastive learning)

