## SAL: Self-Supervised Semi-Supervised Learning

Summary

1. Combine semi-supervised & self-supervised approaches

2. The objective function is:

min d<sub>1</sub>(D<sub>1</sub>, 0) + wd<sub>n</sub>(D<sub>n</sub>, 0) of standard supervised self-supervised loss loss

3. For Ly, they fried 2 self-superused task:

. predicting the rotation of an image.

exemplar: learn visual representation that is invariant to a wide range of transformations.

transformations of the same image should have the same representation & conversity for diff. images.