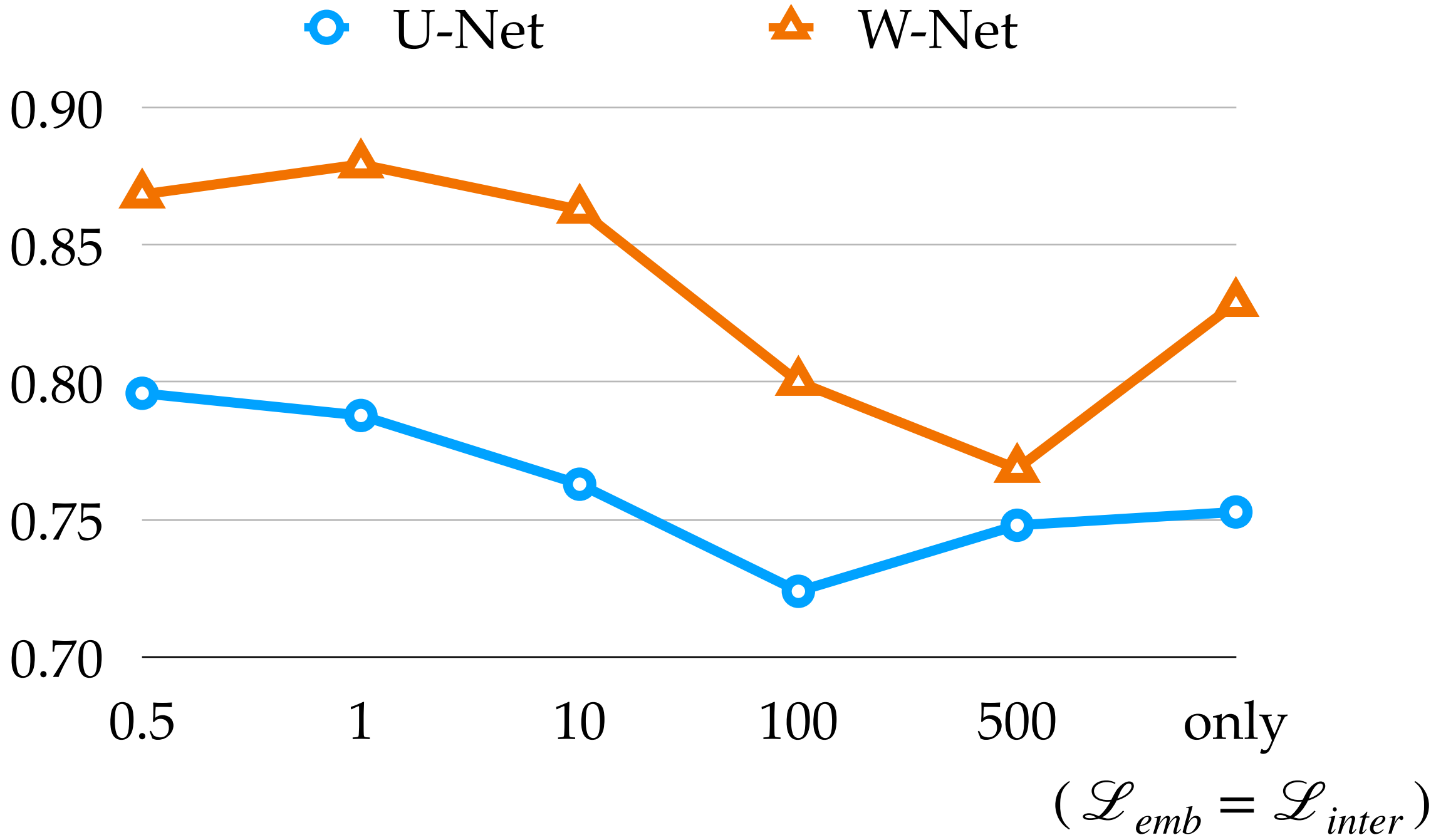


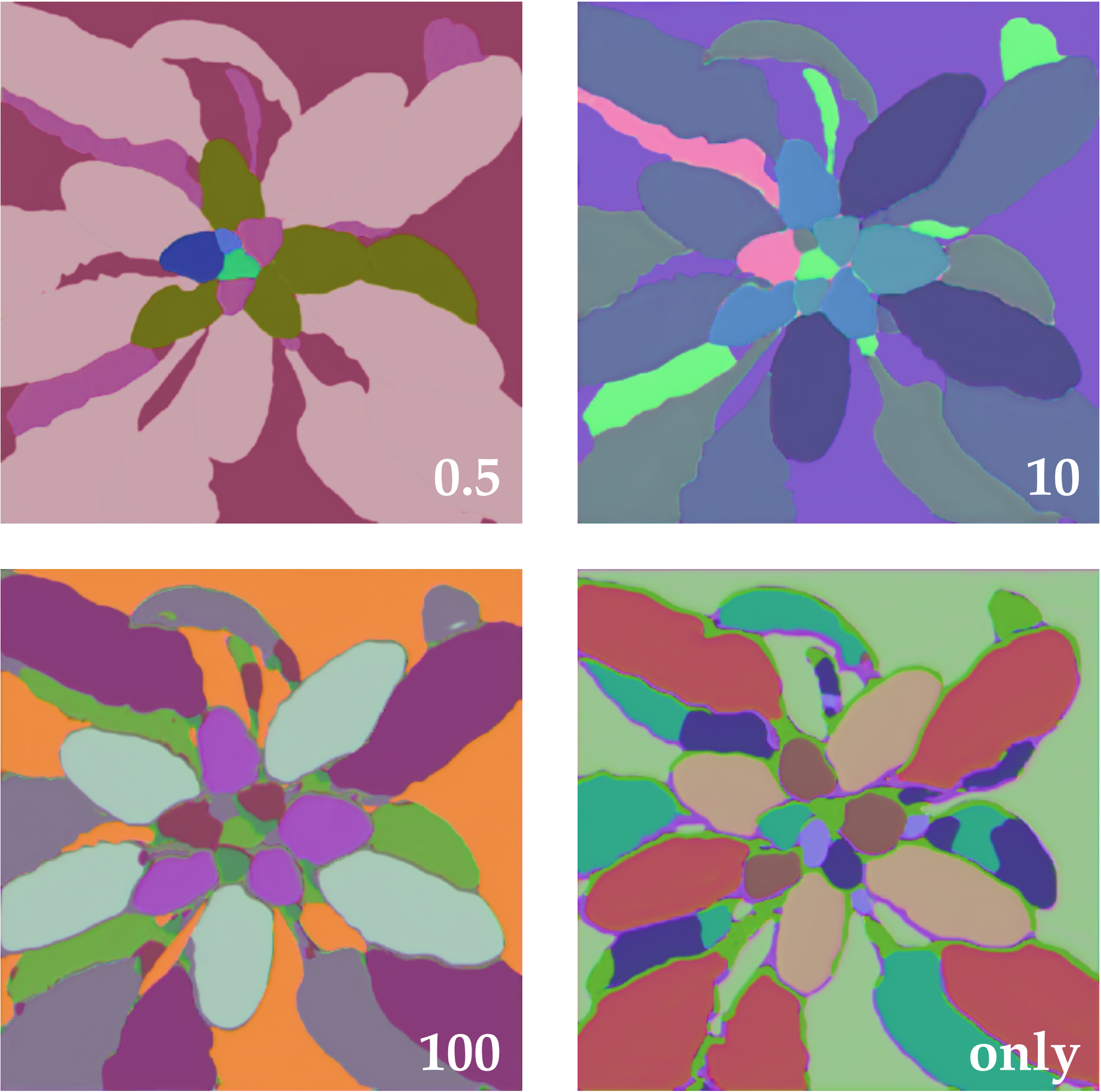
# Constant Loss Weight: $\lambda$

## Experiments



$$\mathcal{L}_{emb} = \mathcal{L}_{intra} + \lambda \cdot \mathcal{L}_{inter}$$

Consistency vs. Distinction



Problem: Stuck at well-converged  $\mathcal{L}_{intra}$

Proposal:  $\mathcal{L}_{emb} = [\hat{\mathcal{L}}_{inter} + m] \cdot \mathcal{L}_{inter} + [\hat{\mathcal{L}}_{intra} + m] \cdot \mathcal{L}_{intra} \quad (m := 0.25)$

Inspired by:

Y. Sun et al. *Circle loss: A unified perspective of pair similarity optimization*. CVPR 2020.

