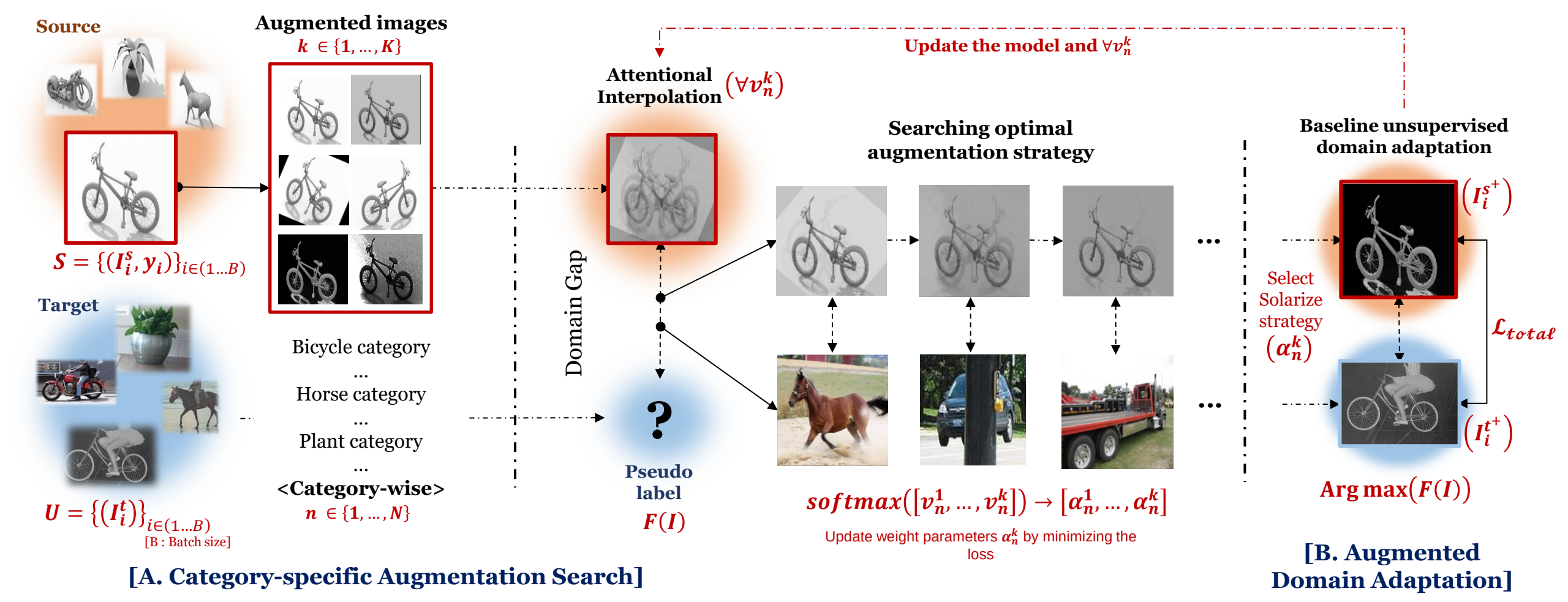
Source
$S = \{(I_i^s, y_i)\}_{i\in(1\dots B)}$
Target
$U = \{(I_i^t)\}_{i\in(1\dots B)}$
[B : Batch size]
Augmented images
$k \in \{1, \dots, K\}$
Bicycle category
...
Horse category
...
Plant category
...
<Category-wise>
$n \in \{1, \dots, N\}$
Attentional Interpolation $(\forall v_n^k)$
Update the model and $\forall v_n^k$
Domain Gap
?
Pseudo label
$F(I)$
Searching optimal augmentation strategy
$softmax([v_n^1, \dots, v_n^k]) \rightarrow [\alpha_n^1, \dots, \alpha_n^k]$
Update weight parameters α_n^k by minimizing the loss
Baseline unsupervised domain adaptation
Select Solarize strategy (α_n^k)
$(I_i^{s^+})$
$\mathcal{L}_{total}$
$(I_i^{t^+})$
$\text{Arg max}(F(I))$
[A. Category-specific Augmentation Search]
[B. Augmented Domain Adaptation]