Example for class: Car

Pixel i to every pixel

Pixel j to every pixel
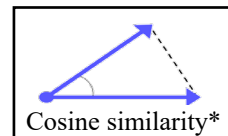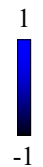
Cosine similarity*

Numbers of pixel in 'Car'

Similarity map

Threshold

Enhance

Suppress

L Cross-entropy

F Distribution weighting

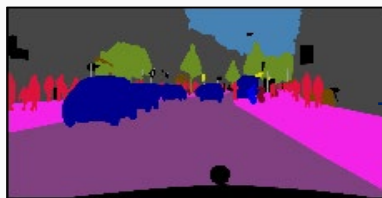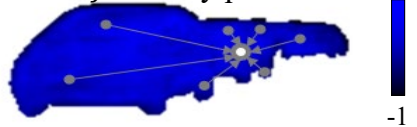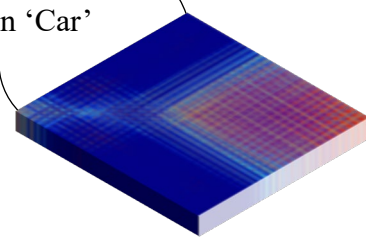$\odot$ Dot-product

σ Activation

Input image

Feature extraction

Feature map

Label

Subclassified Loss
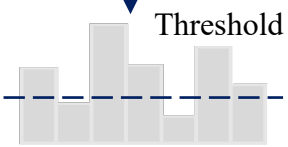
(a) Semantic Segmentation Framework
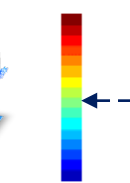
(b) Subclassified Loss Pipeline