

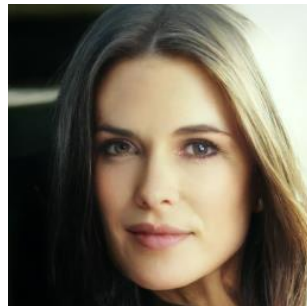
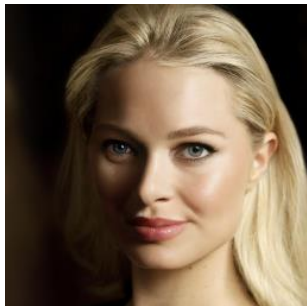
Bridging Image Manipulation Localization & Generated Image Detection in Weakly-Supervised Setting

1조 - 이유섭, 노현호, 나윤진

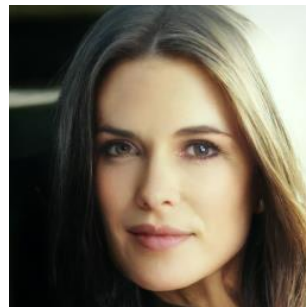
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1. Introduction



1. Introduction

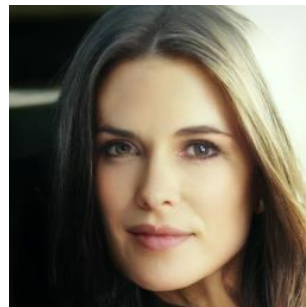


Real

Fake

Fake

1. Introduction



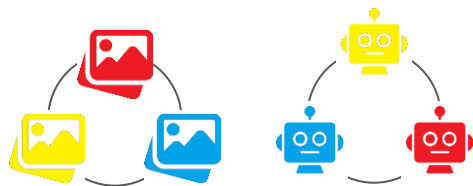
Real



Fake

1. Introduction

Generated image detection

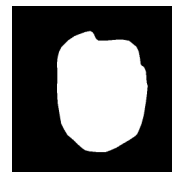


real or fake



Generalization

Image manipulation localization



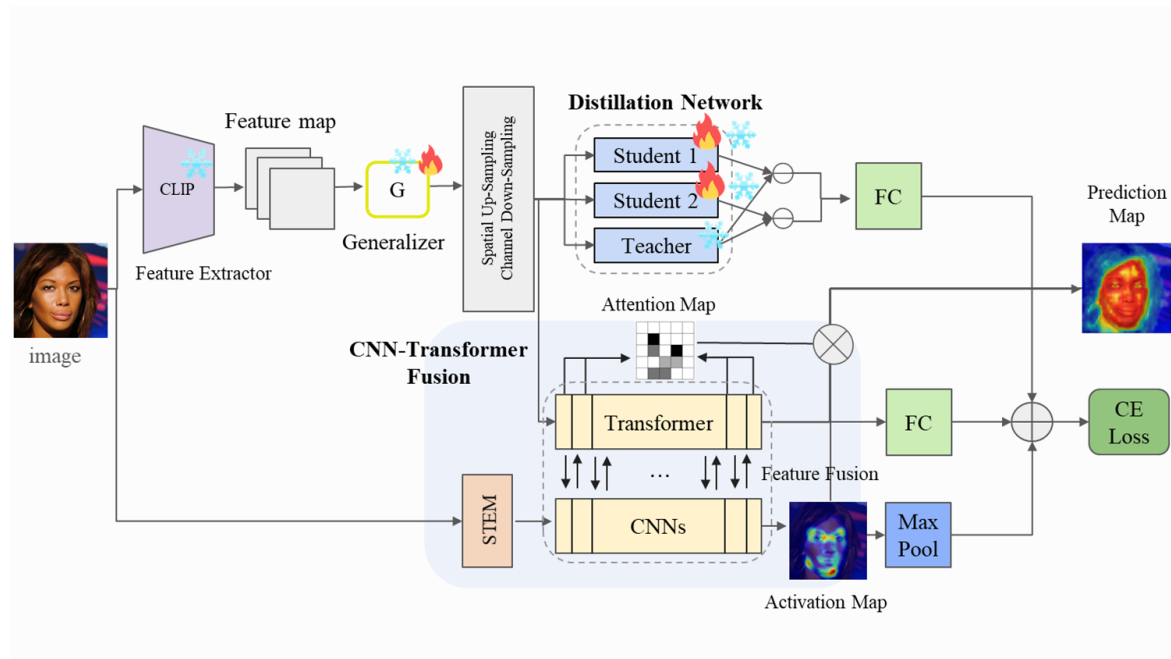
splicing
copy-move
inpainting



Localization

Weakly supervised setting

2. Method

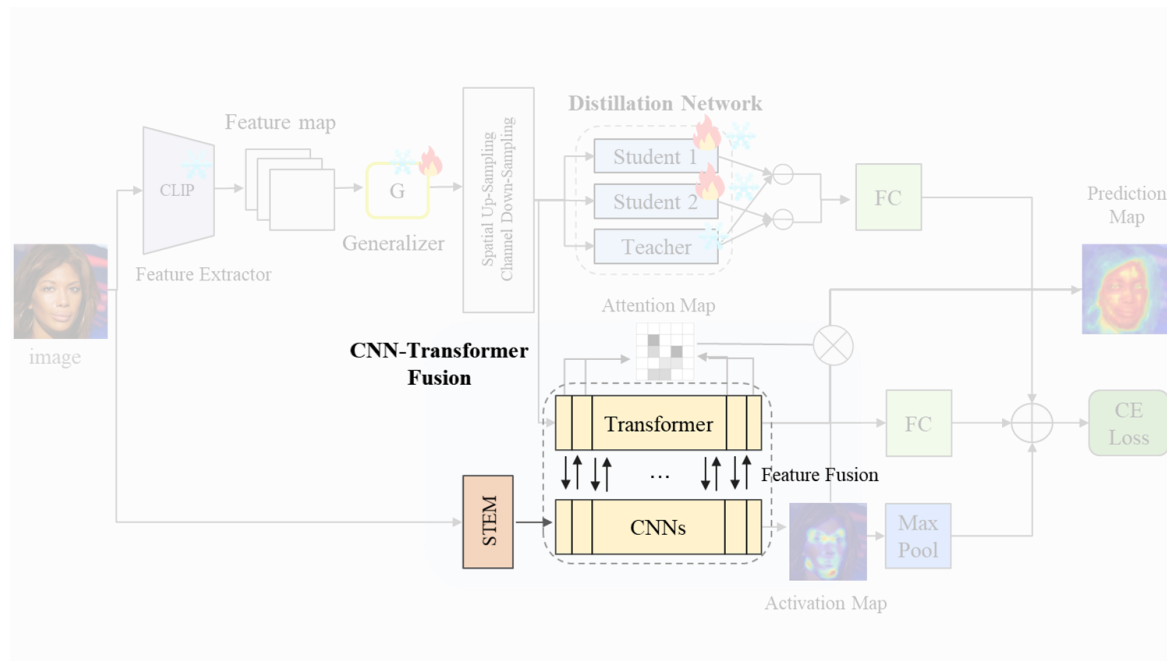


Generalization

Weakly supervised setting

Localization

2. Method - CNN-Transformer Fusion

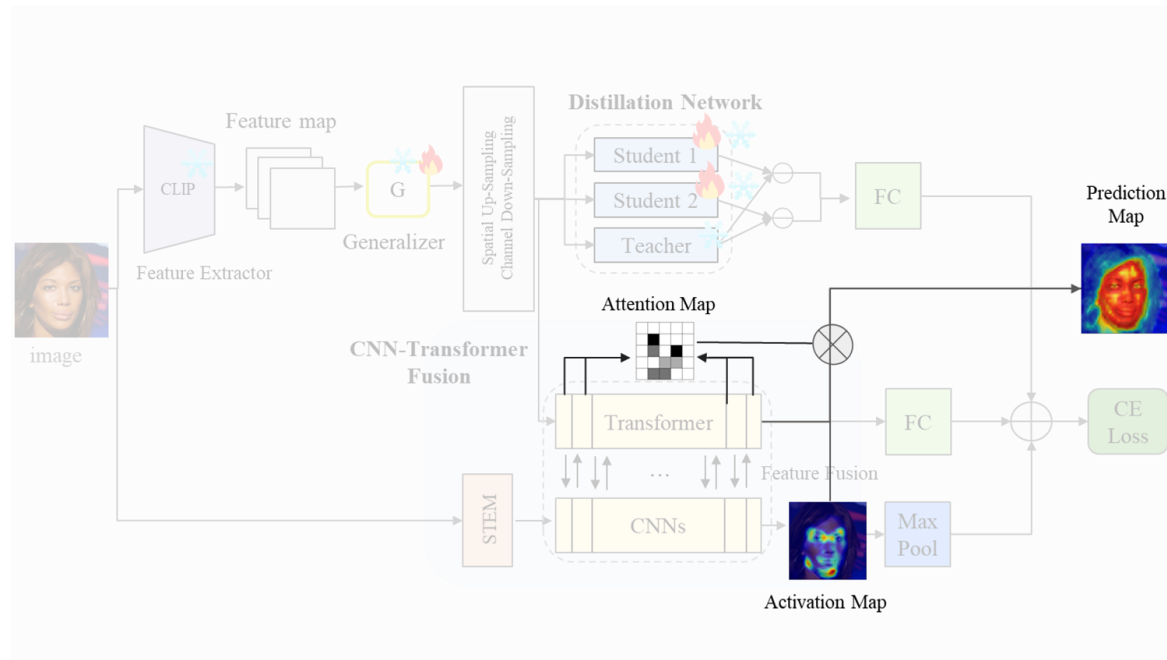


Generalization

Weakly supervised setting

Localization

2. Method - Localization

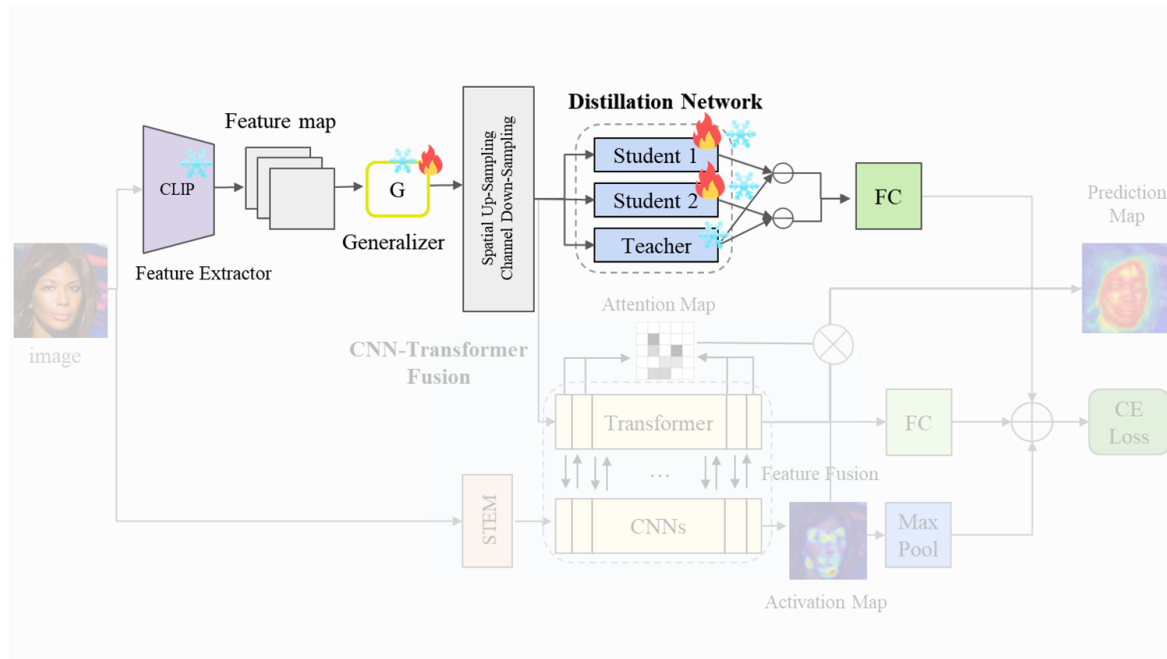


Generalization

Weakly supervised setting

Localization

3. Method - Adversarial Generalizer & Discrepancy-aware Knowledge Distillation

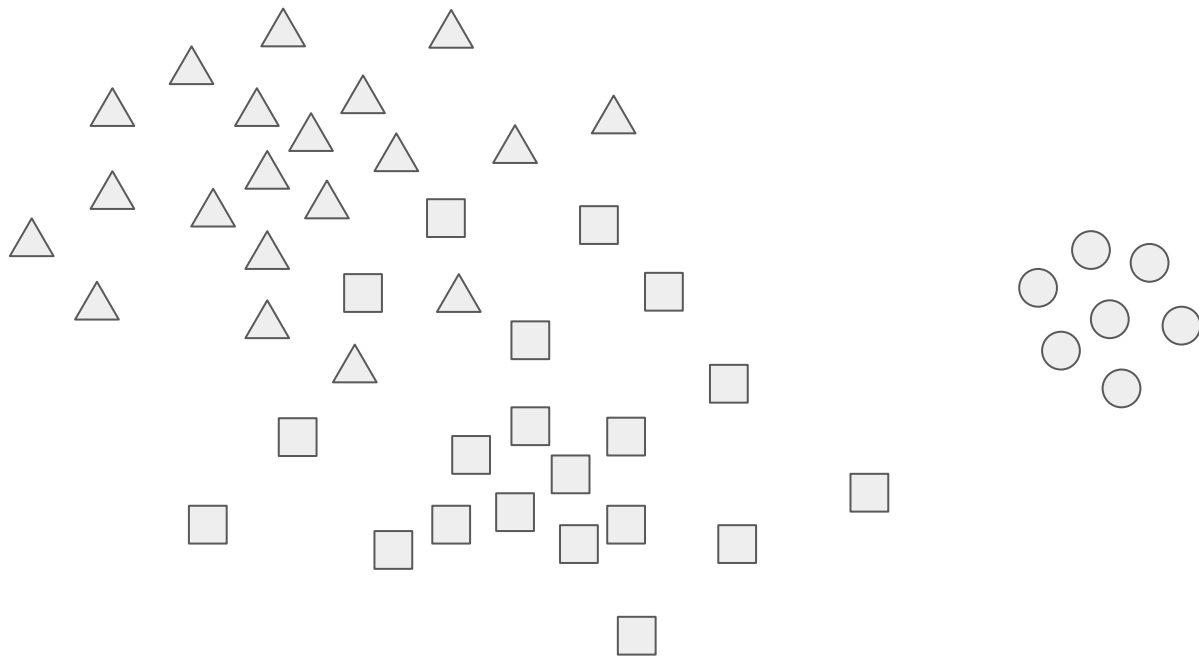


Generalization

Weakly supervised setting

Localization

3. Method - Adversarial Generalizer & Discrepancy-aware Knowledge Distillation

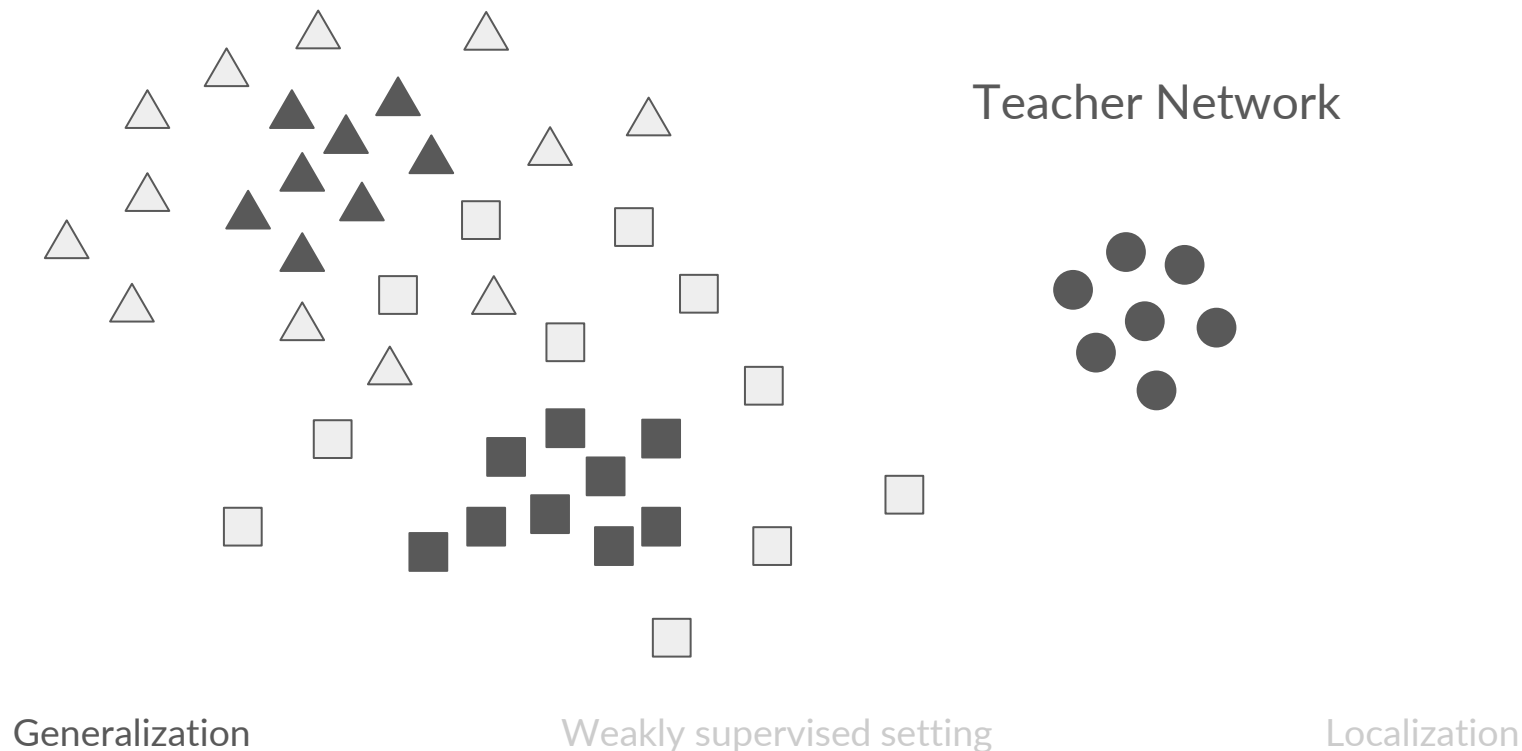


Generalization

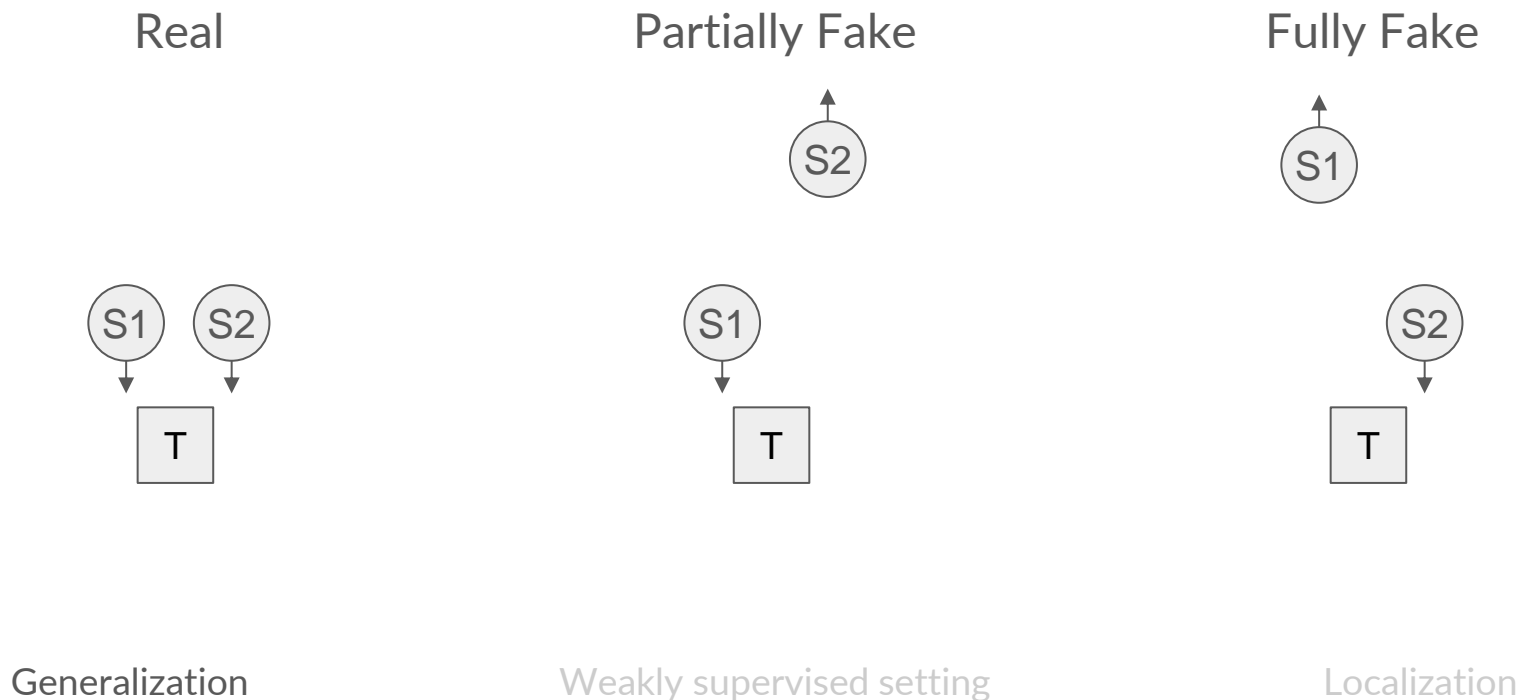
Weakly supervised setting

Localization

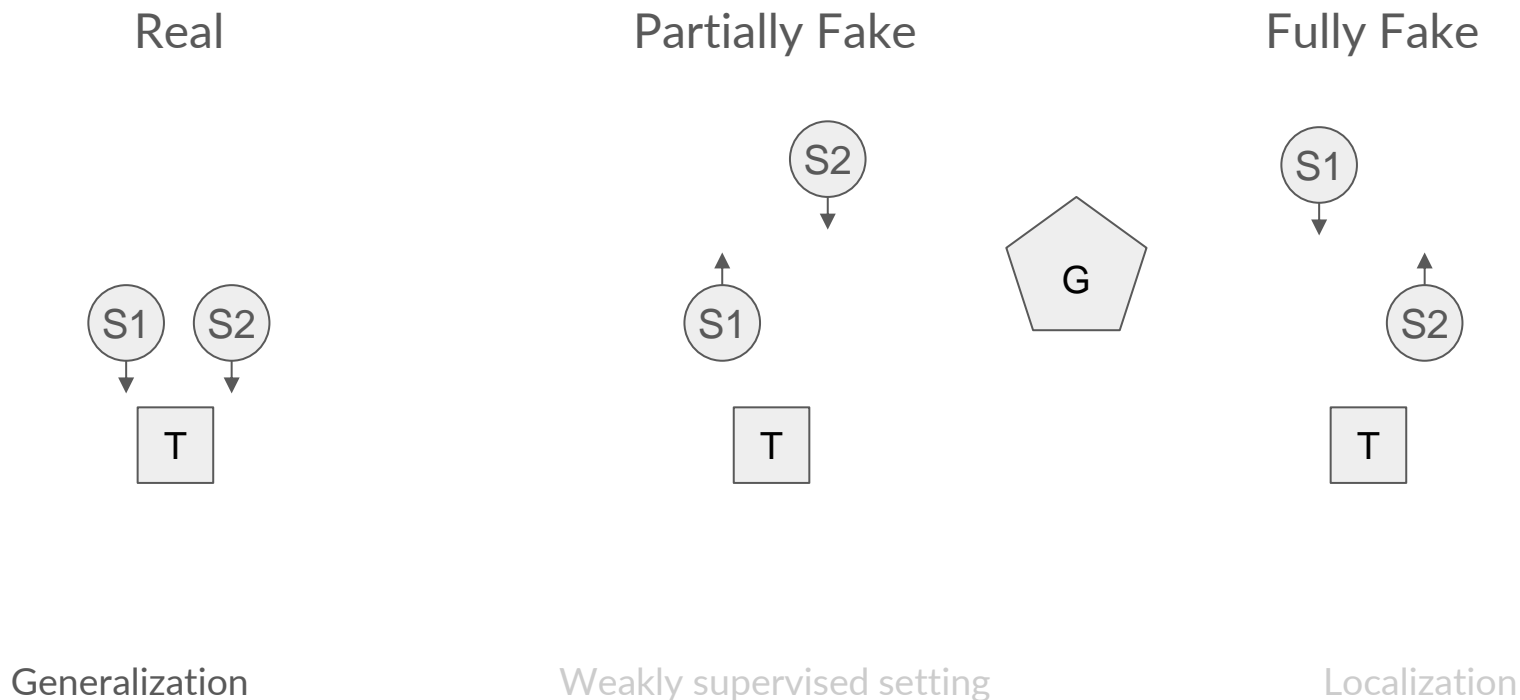
3. Method - Adversarial Generalizer & Discrepancy-aware Knowledge Distillation



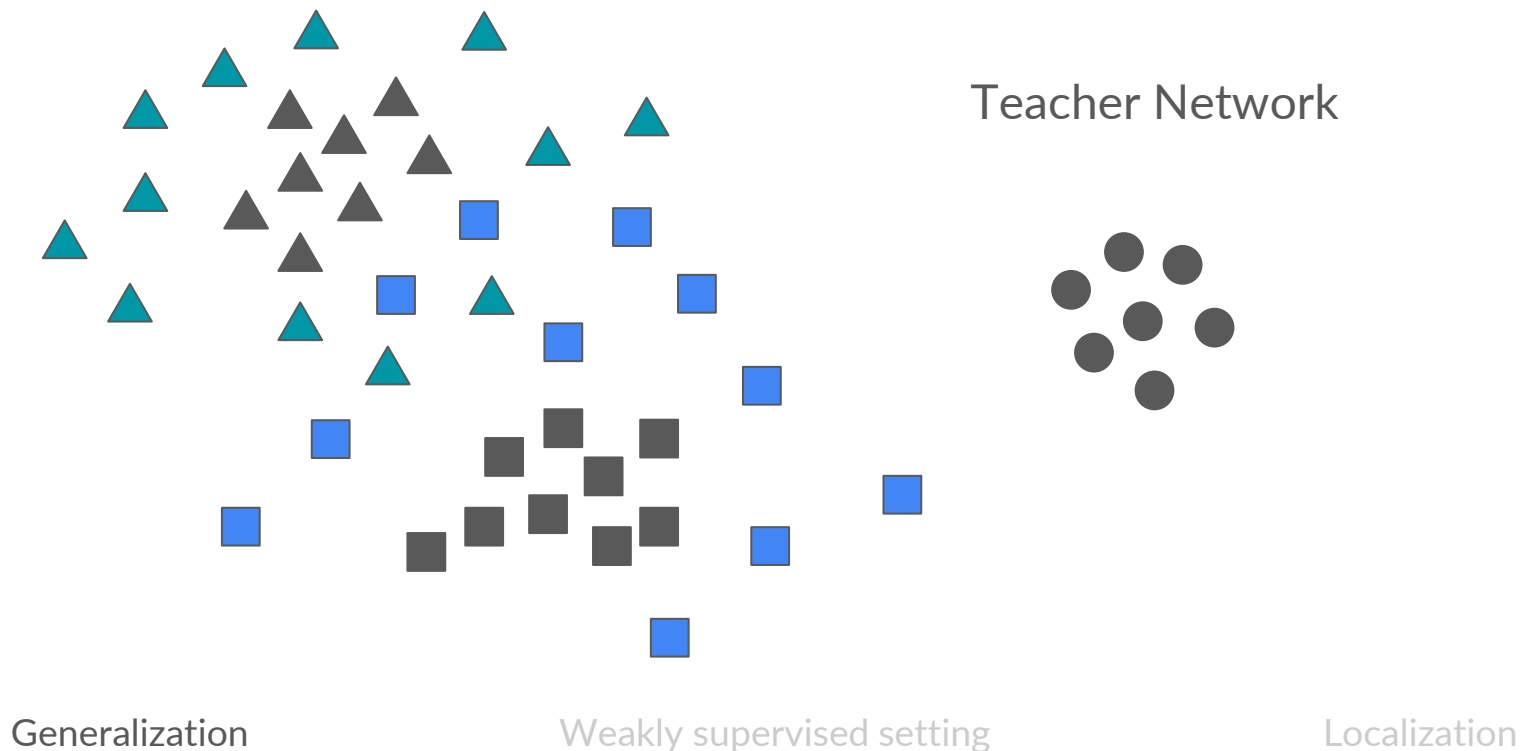
3. Method - Adversarial Generalizer & Discrepancy-aware Knowledge Distillation



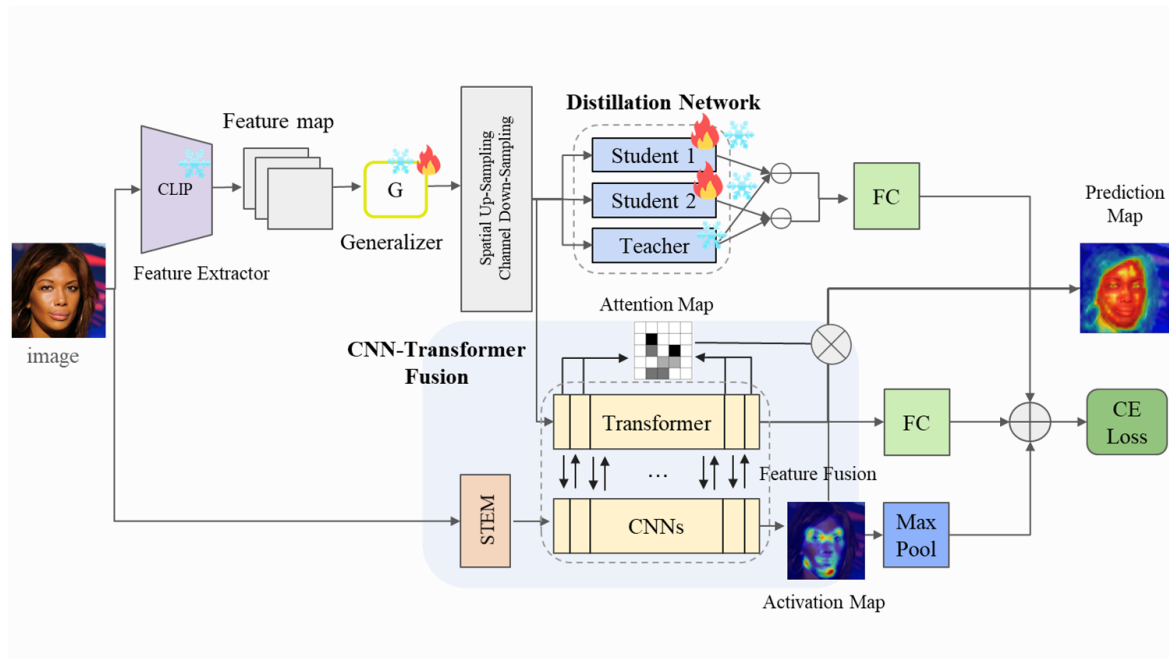
3. Method - Adversarial Generalizer & Discrepancy-aware Knowledge Distillation



3. Method - Adversarial Generalizer & Discrepancy-aware Knowledge Distillation



2. Method

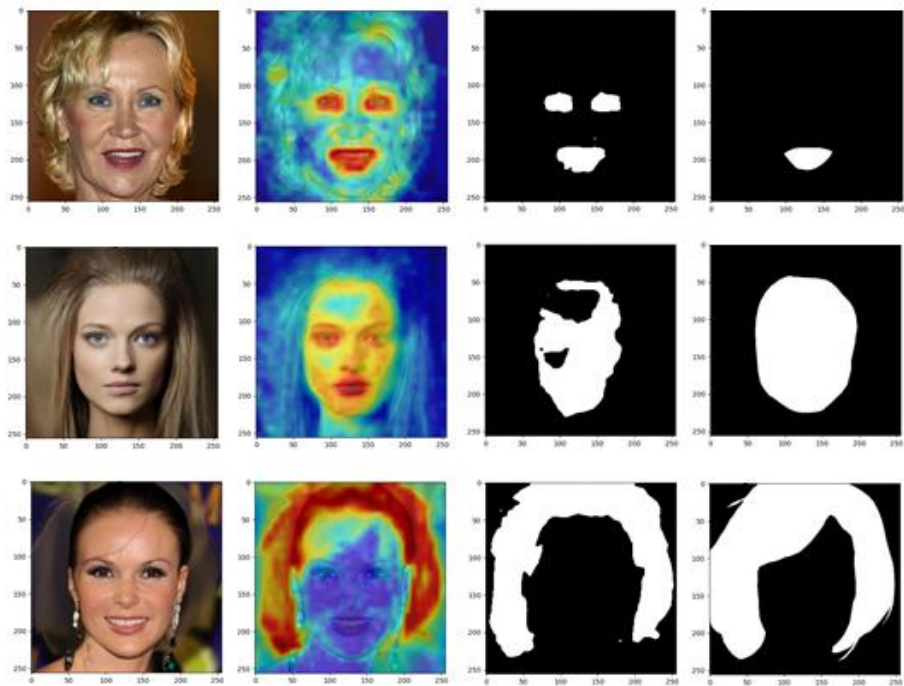


Generalization

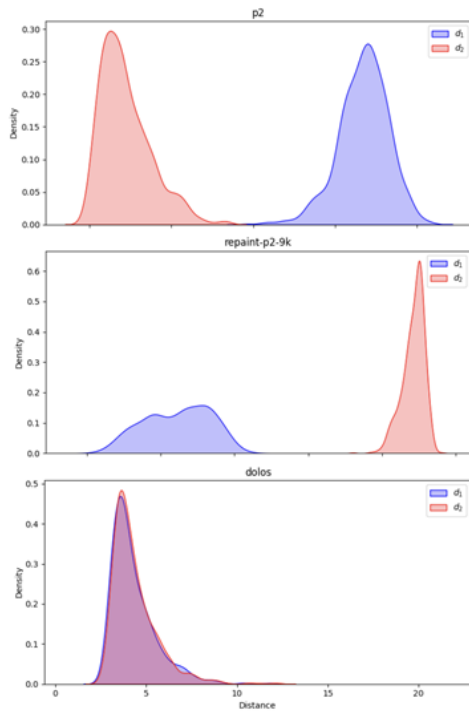
Weakly supervised setting

Localization

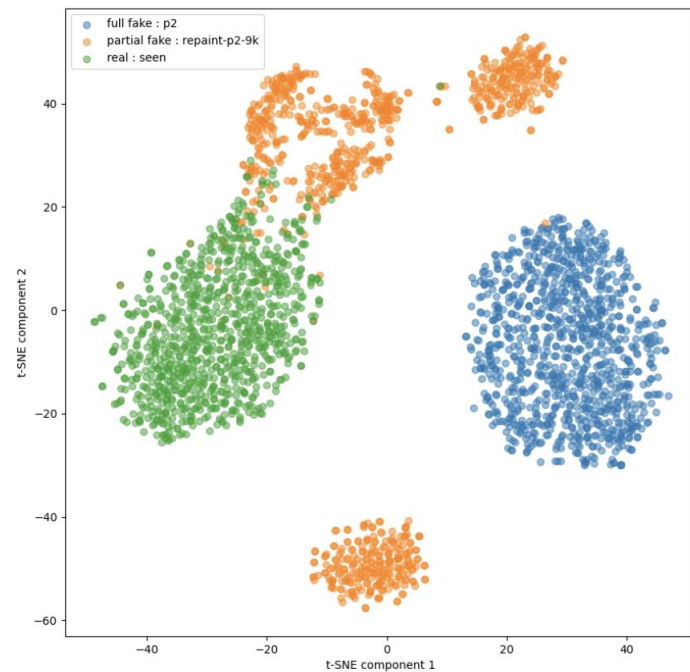
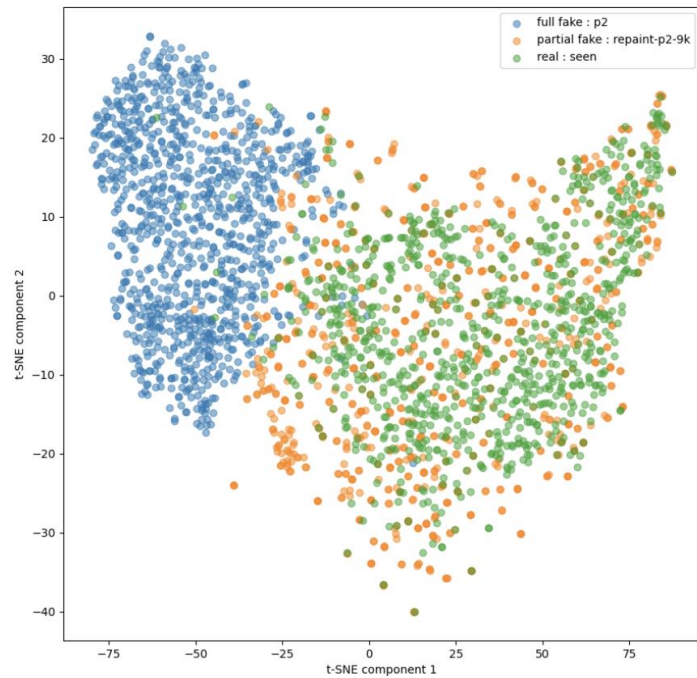
4. Experiments



4. Experiments



4. Experiments



Thank you