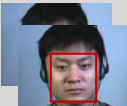


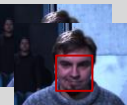
## Datasets



CASME II



SAMM



SMIC

Face  
Crop



Onset



Apex

OF Extration



u



v

uv $\in$   
Fusion



$\epsilon$



$x_i$

split



$x'_i$

### (1) Data preprocessing

Inception-CBAM  
module

ViT-MSAD  
module

### (2) DualATT module

$\mathcal{L}_{con}$

Flatten

FC

$y^1$

$y^2$

$y^3$

$\mathcal{L}_{cls}$

### (3) Feature fusion for classification