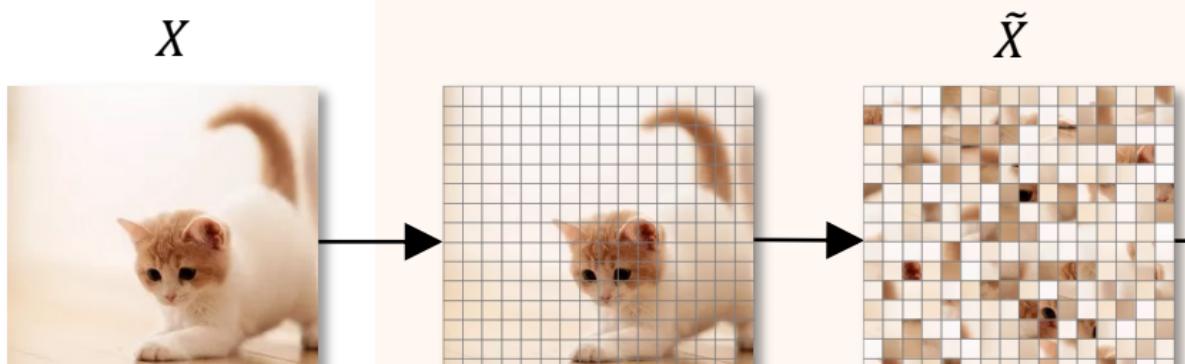
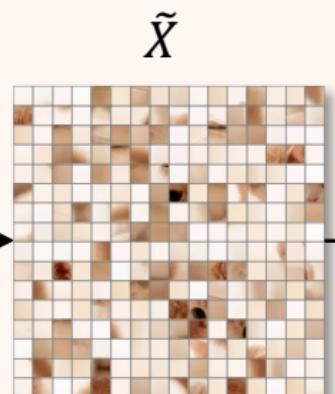


## Partition and Shuffling

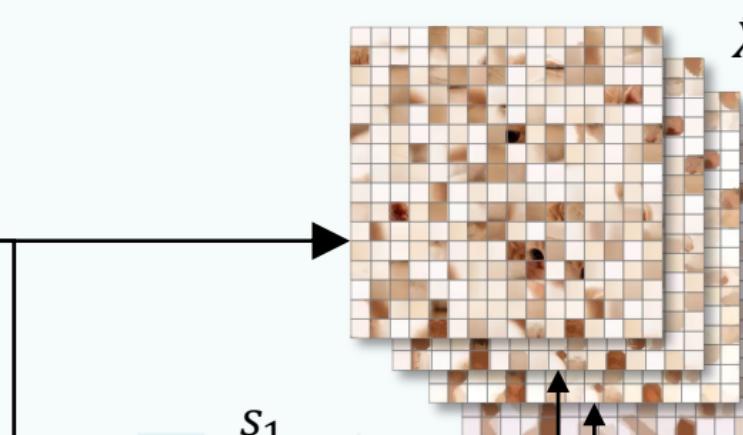


Partition



Patch Shuffling

## Multi-Scale Resampling



$S_1$

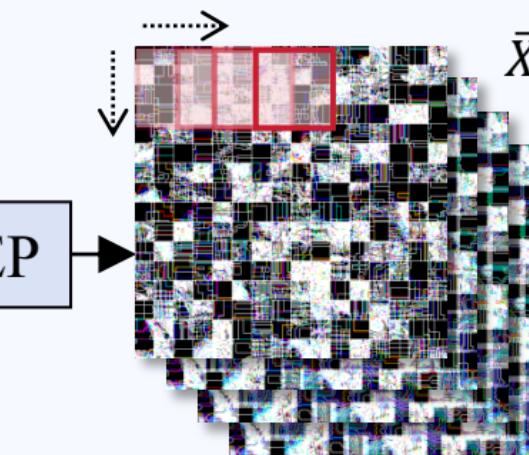
$S_2$

$\vdots$

$S_K$

Down- / Up-sample

## Local Entropy Patterns



LEP



Sliding window:  $2 \times 2$

Sliding stride:  $1 \times 1$

Real  
or  
Fake

CNN