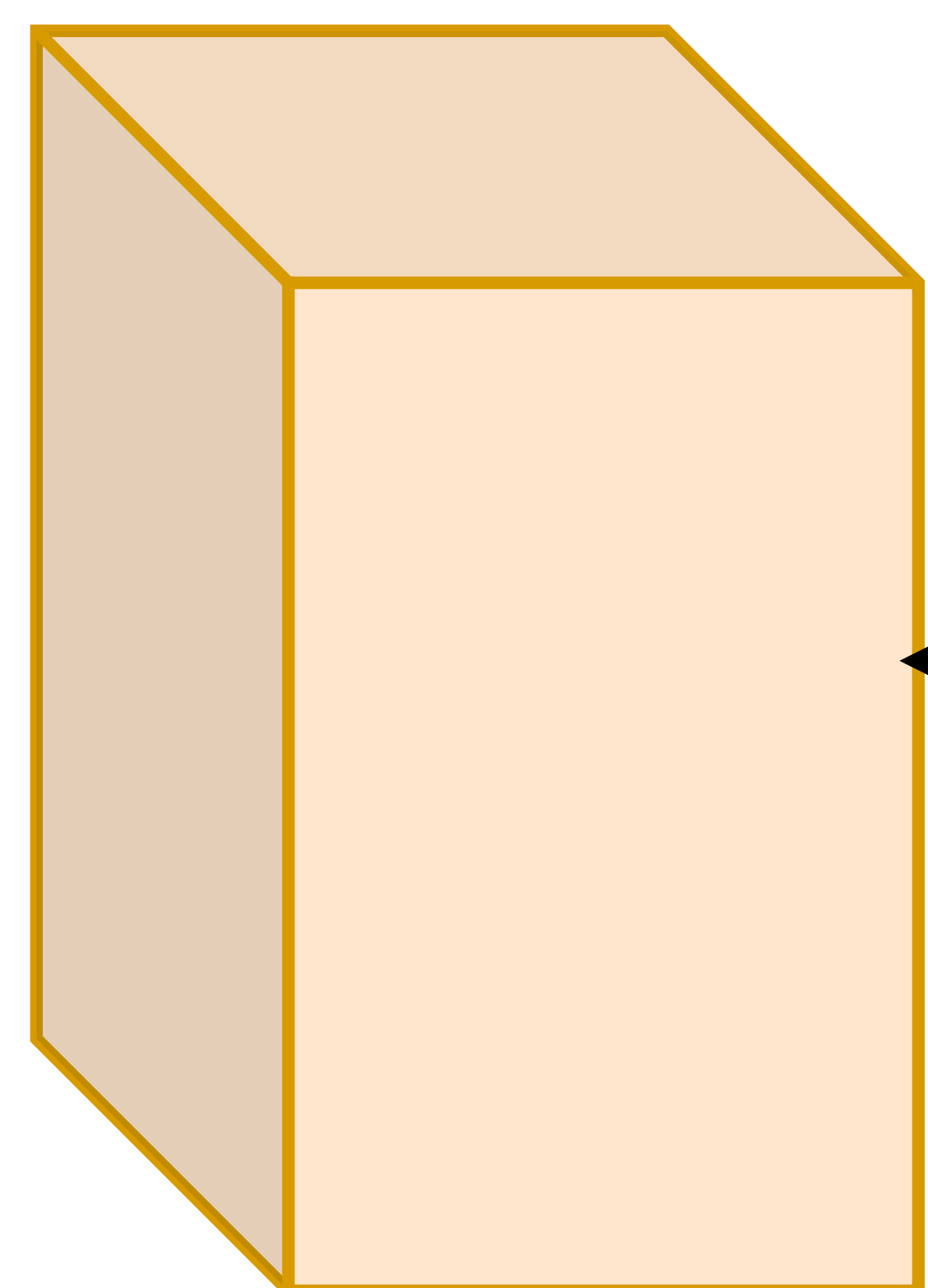
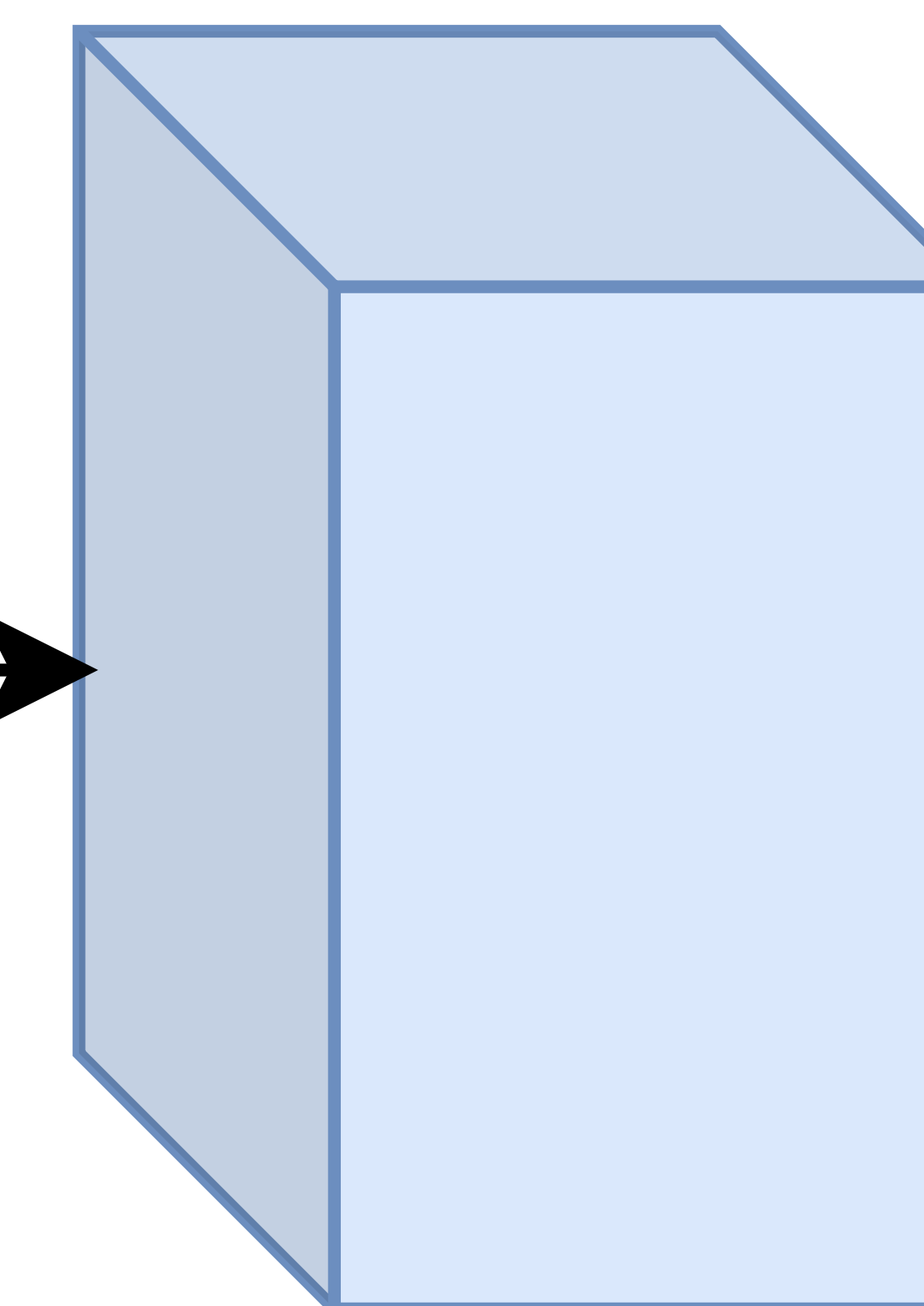


**Teacher Backbone**



**Student Backbone**



**Image 1**



**Image 2**

⋮

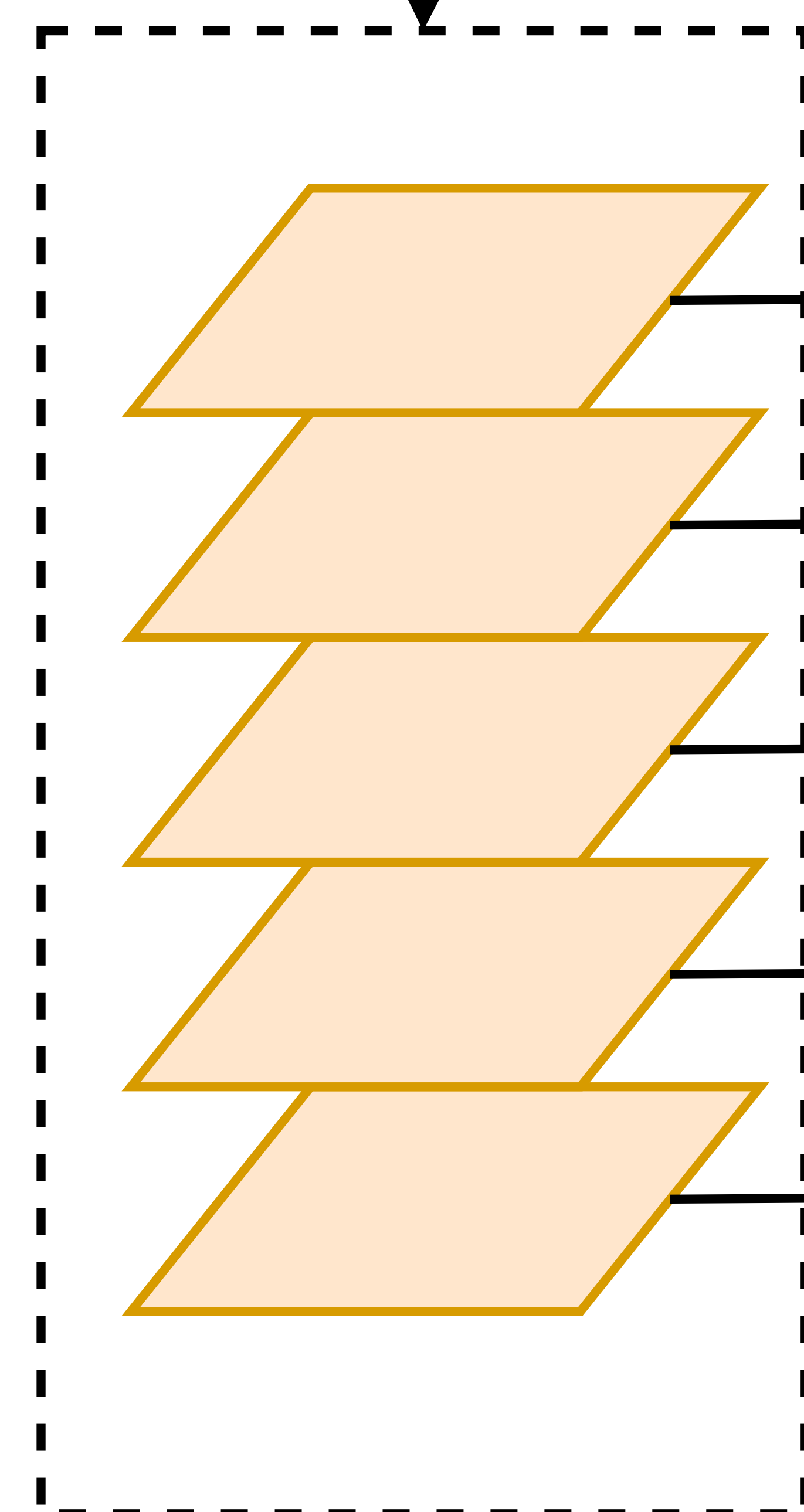
⋮



**Image I**

**Adaptive Instance Loss**

**FPN**



$\{1, 2, \dots, I\}$

Predict

2.3

Predict

1.7

Predict

3.1

Predict

1.5

Predict

0.7

**Task Loss**

$\{1, 2, \dots, I\}$

0.79

0.84

0.73

0.86

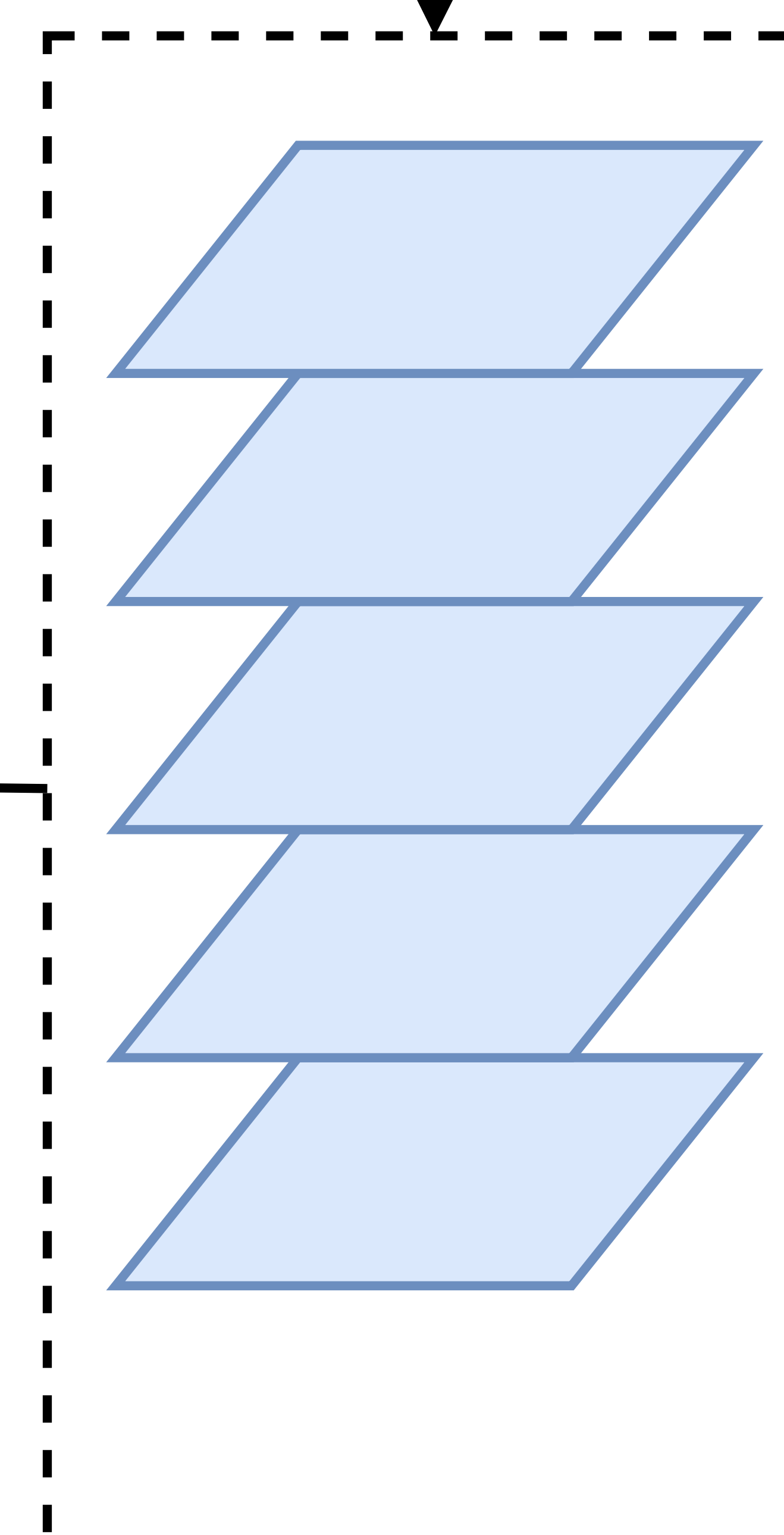
0.93

**Adaptive weight**

$\{1, 2, \dots, I\}$

**Distill Loss**

**FPN**



**Knowledge**