Instance branch

Target branch

raw pixel values

$[0, 0, 0, 0, 1]$ One-hot encoded vector

	Plane	Person	Dog	Bus	Cat
Img1	1	0	0	0	0
Img2	0	0	1	0	1
Img3	0	1	1	0	0
Img4	1	1	0	1	0
Img5	1	1	0	0	0