Mask
Segmentation
Network

Binary Mask

1	1	0	1	0
0	0	1	0	0
1	1	0	1	1
1	0	1	0	0
1	1	1	0	1
0	1	1	1	0
0	1	1	0	0
1	1	0	0	1
0	0	1	1	0

Object
detection

Class probabilities

Instance
Segmentation