feature map

5	0	0
0	2	0
1	9	0

0	1	11
3	0	0
0	2	8

0	2	3
0	7	0
0	3	0

sp-shuffle

0	0	0
2	0	5
0	9	0

11	0	2
0	1	8
3	0	0

0	0	3
7	2	0
0	0	3

sp-max

9
11
7

binarize

1	0	0
0	1	0
1	1	0

0	0	1
1	0	0
0	1	1

0	1	1
0	1	0
0	1	0

max-loc-bin

0	0	0
0	0	0
0	1	0

0	0	1
0	0	0
0	0	0

0	0	0
0	1	0
0	0	0