

(normalized) vectorization of input followed by 1



input image

.3	1	-0.1	2	-1.1
1.5	-2	0.7	-0.1	.05
-0.3	0.1	-1.2	1.5	0.7

\mathbf{W}^T

\times

-12
45
-50
120
1

\mathbf{x}

$=$

285.3
-154.5
248.8

score vector \mathbf{z}

cat score

frog score

dog score