

# Thresholding scores

Thresholded Motif Scores

$$\max(0, W \cdot x)$$

Motif match Scores  $W \cdot x$

0	0	2.0	0	0	0	0	0	0	16	0	0	0
-2.2	-5.5	2.0	-4.3	-24	-17	-18	-11	-12	16	-5.5	-8.5	-5.2

Scoring weights  $W$

A	-5.7	-3.2	3.7	-3.2	3.7	0.6
C	0.5	-3.2	-3.2	-3.2	-3.2	-5.7
G	0.5	3.7	-3.2	-3.2	-3.2	-5.7
T	-5.7	-3.2	-3.2	3.7	-3.2	0.5



One-hot encoding (X)

Input sequence

