

Loss functions



cat

3.2

1.3

2.2

car

5.1

4.9

2.5

frog

-1.7

2.0

-3.1

Losses:

2.9

0

12.9

$$L_i = \sum_{j \neq y_i} \max(0, s_j -$$

$$\begin{aligned}
 &= \max(0, 2.2 - (-3.1)) + \\
 &\quad + \max(0, 2.5 - (-3.1)) \\
 &= \max(0, 6.3) + \max(0, \\
 &= 6.3 + 6.6 \\
 &= 12.9
 \end{aligned}$$

