

Quiz. Let's compare sigmoid with rectified linear unit (ReLU). Which of the following statement is NOT true?

- A. Sigmoid function is more expensive to compute
- B. ReLU has non-zero gradient everywhere
- C. The gradient of Sigmoid is always less than 0.3
- D. The gradient of ReLU is constant for positive input

Quiz. Let's compare sigmoid with rectified linear unit (ReLU). Which of the following statement is NOT true?

- A. Sigmoid function is more expensive to compute
- B. ReLU has non-zero gradient everywhere
- C. The gradient of Sigmoid is always less than 0.3
- D. The gradient of ReLU is constant for positive input

Q5. A Leaky ReLU is defined as  $f(x)=\max(0.1x, x)$ . Let  $f'(0)=1$ . Does it have non-zero gradient everywhere??

A. Yes

B. No

Q5. A Leaky ReLU is defined as  $f(x)=\max(0.1x, x)$ . Let  $f'(0)=1$ . Does it have non-zero gradient everywhere??

A. Yes

B. No

