Layer Normalization

mingzailao

2016-9-11

Outline

Layer Normalization

Compute the layer normalization statistics

$$\mu^l = \frac{1}{H} \sum_{i=1}^{H} a_i^l$$
$$\sigma^l = \sqrt{\frac{1}{H} \sum_{i=1}^{H} (a_i^l - \mu_l)^2}$$

- H : the number of hidden units in a layer.