

Target

Prediction

Average or Concatenate

Softmax

$$W' \in \mathbb{R}^{h \times |V|} \text{ or } W' \in \mathbb{R}^{(c \cdot h) \times |V|}$$

$$D \in \mathbb{R}^{|D| \times h}$$

$$W \in \mathbb{R}^{|V| \times |h|}$$

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$\mathbb{1}(\text{Document ID})$

$\mathbb{1}(\text{"patient"})$

$\mathbb{1}(\text{"diagnose"})$

$\mathbb{1}(\text{"blood"})$

$\mathbb{1}(\text{"pressure"})$

w_{t-2}

w_{t-1}

w_{t+1}

w_{t+2}

$\mathbb{1}(\text{"high"})$
 w_t