Memory bank

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Pareametric Classifier.

n images of the notosses.

feature
$$y_i = \frac{f(v_i)}{h(v_i)} / h(v_i)$$

rection for $\frac{exp(w_i, v_i)}{h(v_i, v_i)} = \frac{exp(w_i, v_i)}{h(v_i, v_i)}$
 $\frac{exp(w_i, v_i)}{h(v_i, v_i)} = \frac{exp(w_i, v_i)}{h(v_i, v_i)}$

Non Parametrie dossifier!

price dossifier:

$$P(i|v) = \frac{\exp(v_i v)}{\sum_{j=1}^{\infty} \exp(v_j v)}$$

Learning Ofrective:

Equivalent to: If Po (i) + (xi)) // maximization

NCE:
$$P(i|0) = \frac{\exp(i \int f_i/c)}{Z_i}$$

$$Z_i = \sum_{j=1}^{\infty} \exp(i \int f_i/c)$$

h (it, v):= r (b=1/i,v) =
$$\frac{P(b|o)}{P(i|v) + mPh(i)}$$
; $P_n = \frac{1}{n}$
 $\int_{ME} (b) = -E_{i} \left[\log h(i,v) \right]$
 $\int_{ME} \int_{me} \left[\log \left(1 - h(i,v) \right) \right]$
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