

$$P(y=4/x) = y(1+\tanh(z))$$

$$P(y=1/x) = 1-y(1+\tanh(z))$$

$$ME$$

$$\frac{1+y}{2} = \left(\frac{1+\tanh(z)}{1+\tanh(z)}\right)^{\frac{1-y}{2}} = \left(\frac{1+\tanh(z)}{1+\tanh(z)}\right)^{\frac{1-y}{2}}$$

$$mox = \left(\frac{1+y}{2}\right)^{\frac{1}{2}} \left(\frac{1+\tanh(z)}{1+\tanh(z)}\right) + \left(\frac{1-y}{2}\right)^{\frac{1}{2}} \log\left(1+\frac{1}{2}\left(1+\tanh(z)\right)\right)$$

$$min = \sum_{i=1}^{N} \left(\frac{1+y}{2}\right)^{\frac{1}{2}} \left(\frac{1+\tanh(z)}{1+\tanh(z)}\right) + \left(\frac{1-y}{2}\right) \log\left(1-\tanh(z)\right)^{\frac{1}{2}}$$

$$(3) \qquad \qquad \sum_{i=1}^{N} \left(\frac{1+y}{2}\right)^{\frac{1}{2}} \left(\frac{1+t}{2}\right)^{\frac{1}{2}} + \left(\frac{1+y}{2}\right)^{\frac{1}{2}} + \left(\frac{1+y}{2}\right)^{\frac$$

(5) 
$$-(-a)=\frac{1}{1+e^a}$$
  $\frac{1}{1+e^a}=\frac{1+e^a}{1+e^a}=\frac{1}{1+e^a}$ 

$$=\frac{1}{1+e^a}$$

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