```
\begin{array}{l} x \in R^n \\ x \in Y^i \\ y \in Y^i \\ y \in Y^i \\ y \in Y^i \\ x \in Y^i \\
                               \hat{y} = argmax_{c=1}^{k} p(y = c | x, \mathbf{D})
\hat{y} = argmax_{c=1}^k p(y=c|x, \textbf{D}) 
\hat{y} = argmax_{c=1}^k p(y=c|x, \textbf{D
```

s(t) = (x * w)(2)