Submission for Apoorv Malik and Marcos Lagos

3.1 $\quad P(y=1/x) = g(\theta^T x)$

$$= \frac{1}{1+e^{-\theta^T x}}$$

$P(y=0/x) = 1 - g(\theta^T x)$

$$= \frac{1}{1+e^{\theta^T x}}$$