Bayesian Regressian

YIX N N (WTX, T2)

$$P(\frac{1}{2}|x_{1}) = \frac{1}{2\sqrt{10^{2}}} \exp\left[-\frac{(y_{1}-w^{T}x_{1})^{2}}{2\sigma^{2}}\right] \qquad 0 LE$$

$$V = W^{T}x$$

$$V = W^{T}$$

Robust Regression  $J(w) = \frac{1}{2} \sum_{i=1}^{N} (y_i - w^T x_i)^2 \Rightarrow \frac{1}{2} \sum_{i=1}^{N} (y_i - w^T x_i)^2$   $= \frac{1}{$ 

