







$$\frac{\partial \ln p(D|\overline{w})}{\partial w_{i}} = \frac{\partial \left(\sum_{i} \left(\frac{1}{L_{i}} - \sigma(\overline{w}^{T} \overline{x}_{h}) \right) x_{ni} \right)}{\partial w_{i}}$$

$$\frac{\partial \ln p(D|\overline{w})}{\partial w_{i}} = \frac{\partial \ln p(D|\overline{w})}{\partial w_{i}} = -\frac{\partial \ln p(D|\overline{w})}{\partial w_{i}} = -\frac{\partial \ln p(D|\overline{w})}{\partial w_{i}} = \frac{\partial \ln p$$



