$$\begin{array}{lll}
\text{Loss} & (P,Q) = D_{KL} & (P,Q) \\
P & = (\hat{P}_{1},...,\hat{P}_{m})^{T}, \quad Q & = (P_{1},...,P_{m})^{T} \\
\hat{P}(\chi_{j}) & = \frac{1}{h} \underbrace{\sum_{i=1}^{m} W_{i} \cdot \frac{1}{\sqrt{2\pi}}}_{i=1} \exp\left(-\frac{(\chi_{j} - \chi_{i})^{2}}{2h^{2}}\right) \\
\frac{\partial L}{\partial W} & = \underbrace{\partial P}_{\partial W} \underbrace{\partial L}_{\partial P} \\
\text{Loss & Weight & 1/2/2/2}_{i=1} & \underbrace{\partial P}_{\partial W} & \underbrace{\partial P}_{i} & \underbrace{\partial P}_{i} & \underbrace{\partial P}_{i} \\
\frac{\partial P}{\partial W} & \underbrace{\partial P}_{i} & \underbrace{\partial P}$$

$$\frac{\partial L}{\partial W} = \frac{\partial L}{\partial P} \frac{\partial P}{\partial W}$$

$$\frac{\partial P}{\partial W} = \begin{pmatrix} \frac{\partial P}{\partial W} & \frac{\partial P}{\partial W} \\ \frac{\partial P}{\partial W} & \frac{\partial P}{\partial W} \end{pmatrix}$$

$$\frac{\partial L}{\partial W} = \begin{pmatrix} \frac{\partial P}{\partial W} & \frac{\partial P}{\partial W} \\ \frac{\partial P}{\partial W} & \frac{\partial P}{\partial W} \end{pmatrix}$$

$$= \begin{pmatrix} \frac{\partial P}{\partial W} & \frac{\partial P}{\partial W} \\ \frac{\partial P}{\partial W} & \frac{\partial P}{\partial W} \end{pmatrix}$$

$$= \begin{pmatrix} \frac{\partial P}{\partial W} & \frac{\partial P}{\partial W} \\ \frac{\partial P}{\partial W} & \frac{\partial P}{\partial W} \end{pmatrix}$$

$$= \begin{pmatrix} \frac{\partial P}{\partial W} & \frac{\partial P}{\partial W} \\ \frac{\partial P}{\partial W} & \frac{\partial P}{\partial W} \end{pmatrix}$$

$$= \begin{pmatrix} \frac{\partial P}{\partial W} & \frac{\partial P}{\partial W} \\ \frac{\partial P}{\partial W} & \frac{\partial P}{\partial W} \end{pmatrix}$$