2.0 9: = or (w, ->2: + w, x: + wo) 12 Q / Q **⊘** € ⁄ ·(og (1 - S) (4: * (og(g.) رک 25 0 / 0 (29)9~~ (f-3) J. (P-7) + (N-y)) * [og (1- fi)) \(\frac{2}{\chi}\) 3-1)6 4 * \$ 100 47 ٠ ا = 0 (1+e-2) (1+e-2)-2 (1+e-2) (2-7+b)

$$\frac{\partial J}{\partial w_{\lambda}} = \frac{\Lambda}{N} \sum_{i=1}^{N} \left(\frac{y_{i}}{\hat{y}_{i}} - \frac{1 - y_{i}}{1 - \hat{y}_{i}} \right) \sigma(\hat{y}_{i})$$

$$\frac{\partial J}{\partial w_{\lambda}} = \frac{\Lambda}{N} \sum_{i=1}^{N} \left(\frac{y_{i}}{\hat{y}_{i}} - \frac{1 - y_{i}}{1 - \hat{y}_{i}} \right) \left(\Lambda - \sigma(\hat{y}_{i}) \right) \times \chi^{(2)}$$

$$\frac{\partial J}{\partial w_{\lambda}} = \frac{\Lambda}{N} \sum_{i=1}^{N} \left(\frac{y_{i}}{\hat{y}_{i}} - \frac{1 - y_{i}}{1 - \hat{y}_{i}} \right) \left(\Lambda - \sigma(\hat{y}_{i}) \right)$$

$$\frac{\partial J}{\partial w_{\lambda}} = \frac{\Lambda}{N} \sum_{i=1}^{N} \left(\frac{y_{i}}{\hat{y}_{i}} - \frac{1 - y_{i}}{1 - \hat{y}_{i}} \right) \left(\Lambda - \sigma(\hat{y}_{i}) \right)$$

$$\frac{\partial J}{\partial w_{\lambda}} = \frac{\Lambda}{N} \sum_{i=1}^{N} \left(\frac{y_{i}}{\hat{y}_{i}} - \frac{1 - y_{i}}{1 - \hat{y}_{i}} \right) \left(\Lambda - \sigma(\hat{y}_{i}) \right)$$

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