$$\sum_i \alpha_i + \frac{1}{M} \sum_i \sum_j \left(\frac{f(X_{i,j})}{p\_c\,(X_{i,j})} - \frac{\sum_k \alpha_k p_k X_{i,j}}{p\_c\,(X_{i,j})} \right)$$

where

$$\begin{aligned} \alpha &\in \mathbb{R}^m \\ p &\in \mathbb{R}^m \\ X &\in \mathbb{R}^{m \times n} \\ M &\in \mathbb{R} \\ f &\in \mathbb{R} \to \mathbb{R} \\ p\_c &\in \mathbb{R} \to \mathbb{R} \end{aligned}$$