Template Dictionaries
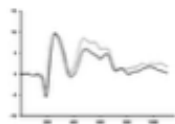
Class Label 1

Class Label 2

$$\mathbf{d}_1^{(bpc)}, \mathbf{d}_2^{(bpc)}, \cdots, \mathbf{d}_B^{(bpc)}$$

Query Image
Descriptors

$$\sum_{\mathbf{d_i}^{(bpc)}} \sum_{q \in N_T(\mathbf{d_i}^{(bpc)})}$$

$$L_1$$

$$\sum_{\mathbf{d_i}^{(bpc)}} \sum_{q \in N_T(\mathbf{d_i}^{(bpc)})}$$

$$L_2$$