

Retrieval evaluation and distance learning from perceived similarity between endomicroscopy videos

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1 Supplemental material

Bhattacharyya distance between $\text{Hist}(L)$ and $\text{Hist}(L')$	$L = +2$ $L' = +1$	$L = +2$ $L' = -1$	$L = +2$ $L' = -2$	$L = +1$ $L' = -1$	$L = +1$ $L' = -2$	$L = -1$ $L' = -2$
30x3-fold-Dense-Sift-learn	0.148	0.249	0.351	0.118	0.175	0.100
30x3-fold-Dense-Sift	0.088	0.205	0.286	0.080	0.135	0.064
Dense-Sift	0.079	0.299	0.528	0.093	0.221	0.045
Textons	0.058	0.213	0.246	0.069	0.091	0.023
Haralick	0.064	0.123	0.250	0.041	0.114	0.047
HH-Sift	0.054	0.150	0.145	0.061	0.050	0.030

Table 1: Measures of separability (Bhattacharyya distance) between the L -scored histograms H_L for each CBIR method.



Fig. 1: Screenshot of the online VSS tool: visual similarity scoring between the reference Video Query and the candidate Video 3. Each video is summarized by a set of mosaic images. Vertical scrollbars allow to see more mosaics of the Video Query (on the left), or the two other candidate videos 1 and 2 with their mosaics (on the right).