

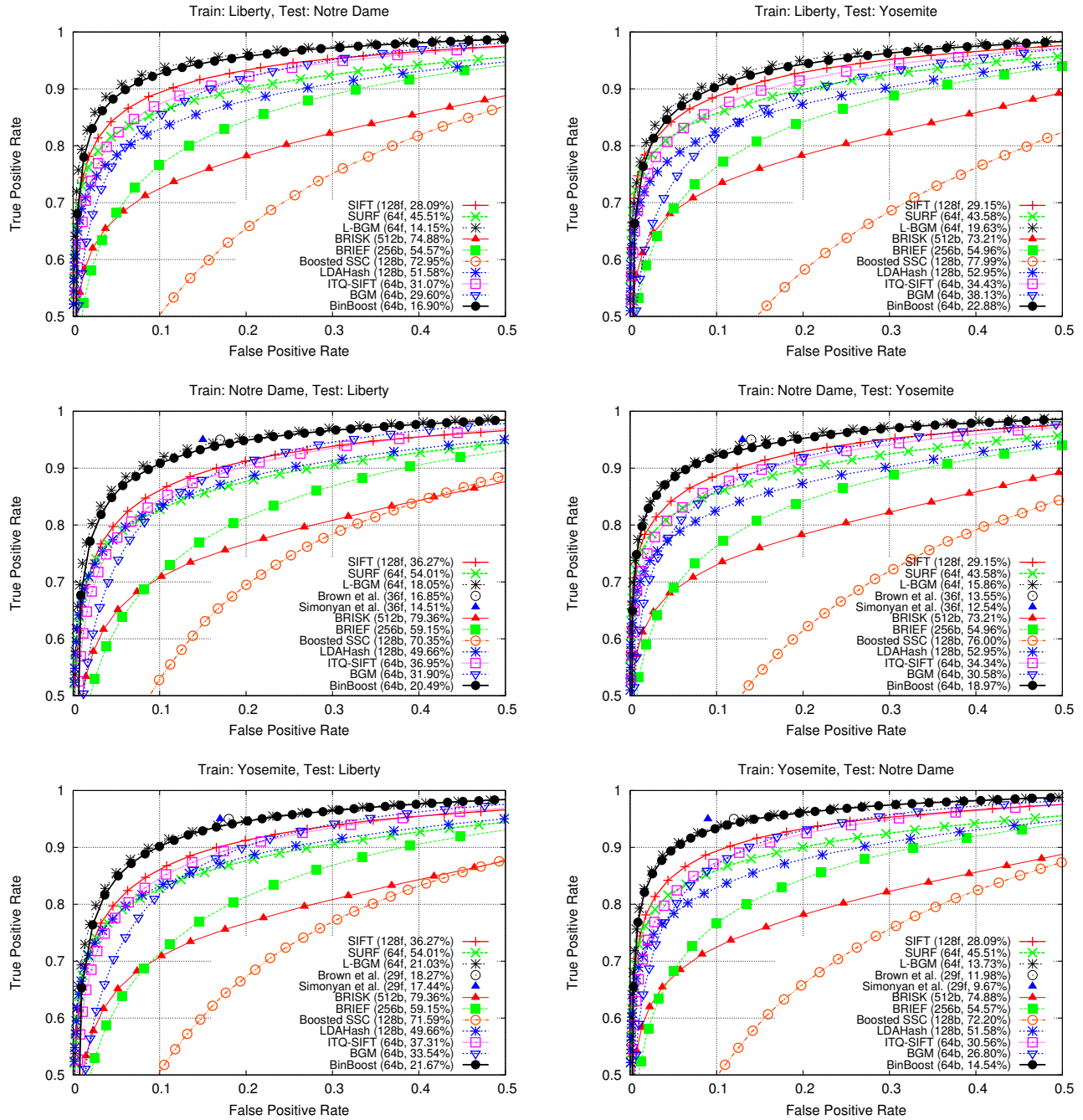
Boosting Binary Keypoint Descriptors

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Comparison with State-of-the-Art

Quantitative results across all splits of train and test datasets are shown comparing our BinBoost descriptor to the baseline approaches discussed in the paper. Our approach significantly outperforms the baseline techniques across all splits.



Quantization Performance

Evaluation of the different binarizations of L-BGM compared with our approach. Quantitative results are provided for all the train and test data splits. Unlike the other approaches, by jointly optimizing over the feature weighting and pooling strategy of each bit, BinBoost results in a highly compact and accurate binary descriptor whose performance is similar with L-BGM but at a fraction of the storage cost.

