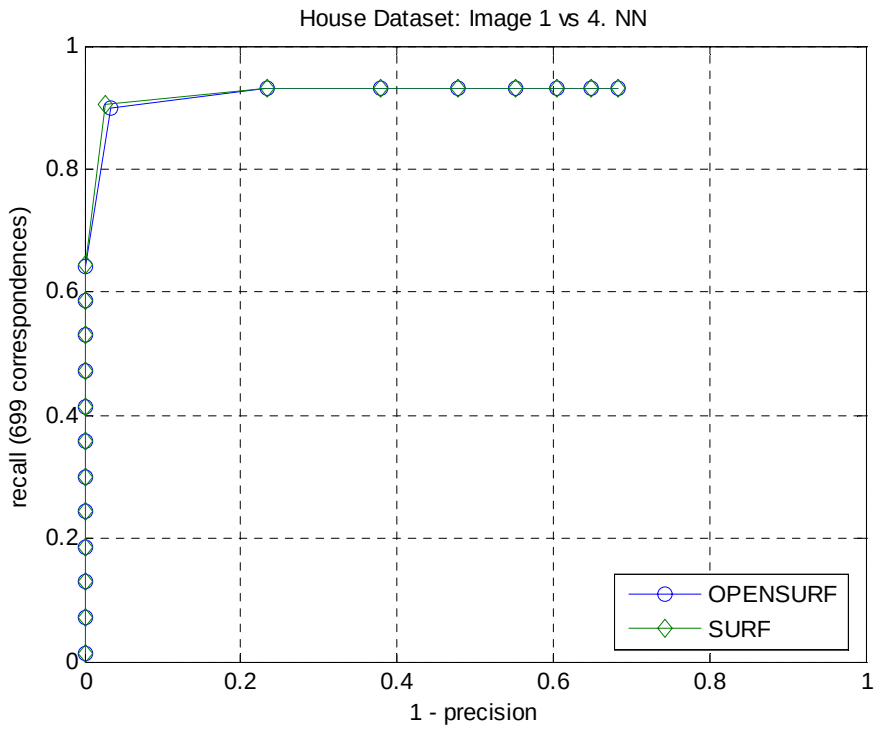
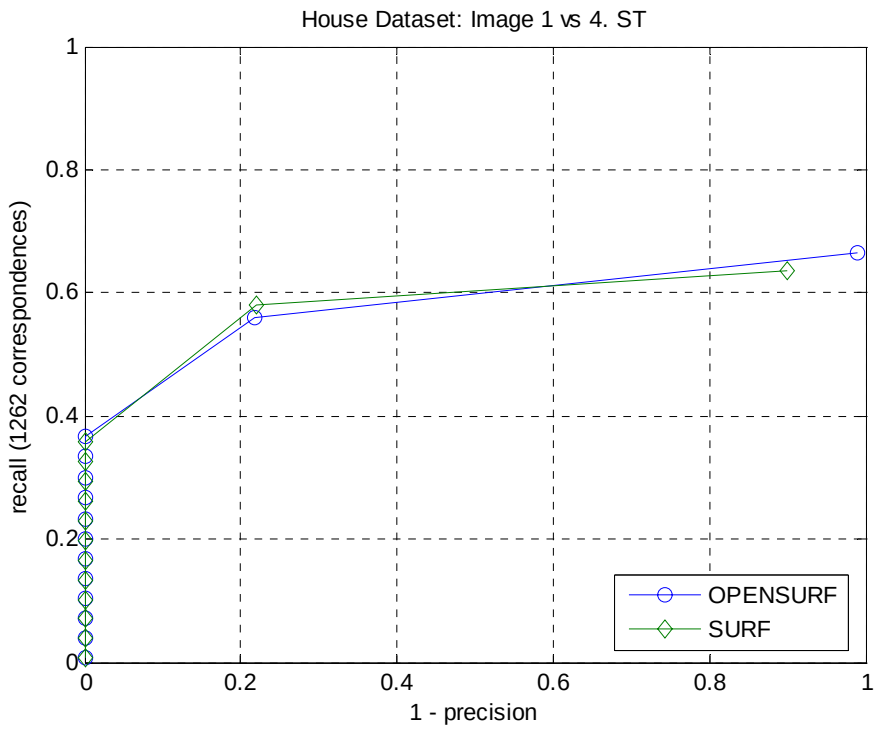
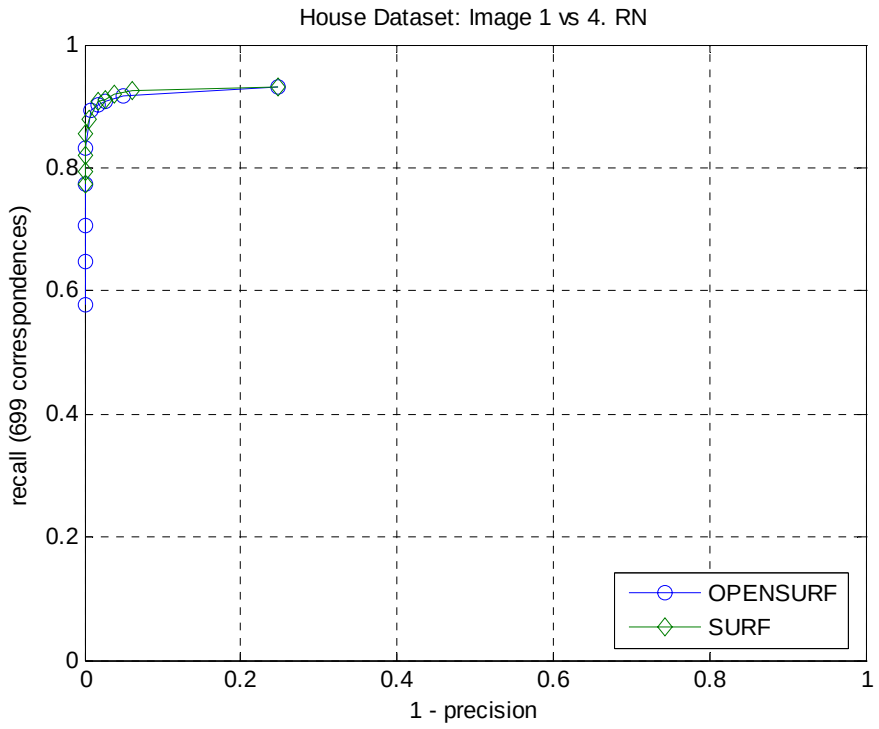
With Modified SURF descriptor!!!!

Sequence	House
Date	21/07/09
ID	12
Images	1 vs. 4
Detector	OpenSURF
Keypoints 1	878
Keypoints N	865
Hessian Threshold	10.0
Descriptors	OpenSURF, SURF
Correspondences OpenSURF NN, RN	699
Correspondences OpenSURF ST	1262
Correspondences SURF NN RN	699
Correspondences SURF ST	1262

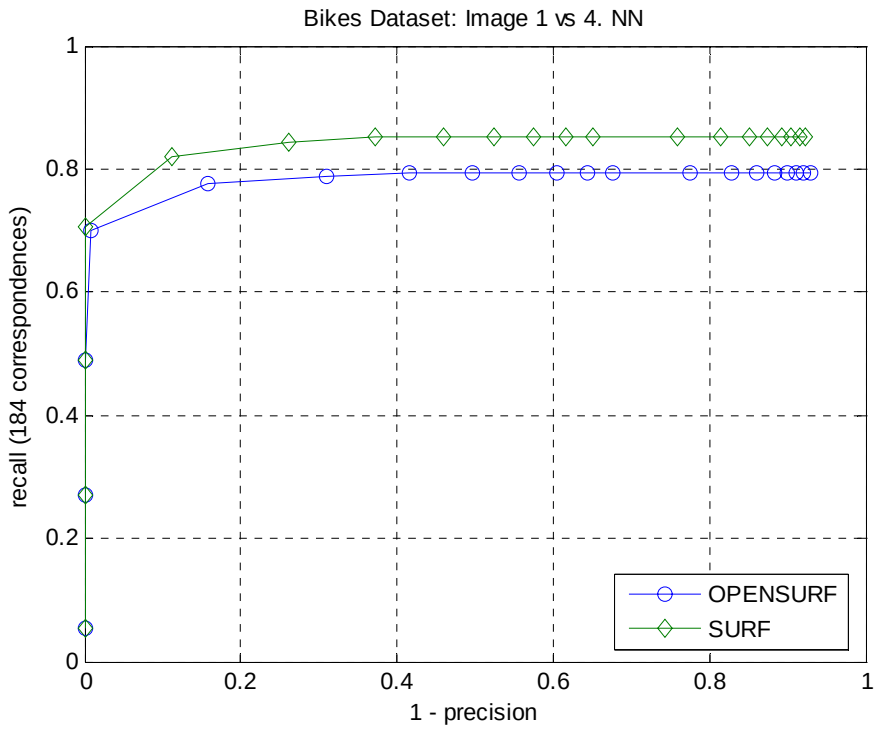


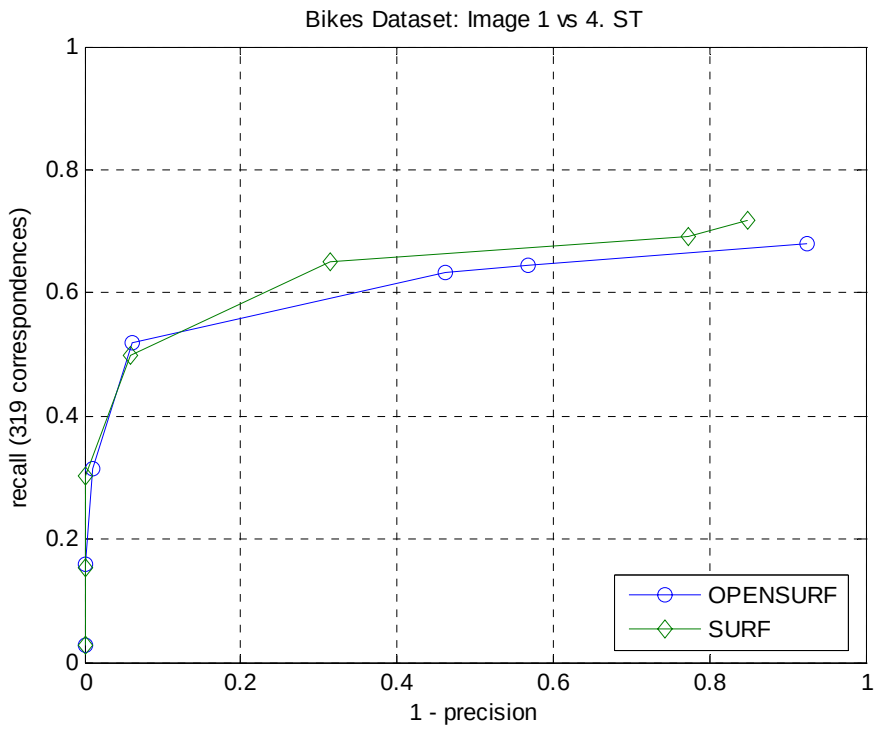

House Dataset: Image 1 vs 4. ST
recall (1262 correspondences)
1 - precision
0
0.2
0.4
0.6
0.8
1
OPENSURF
SURF

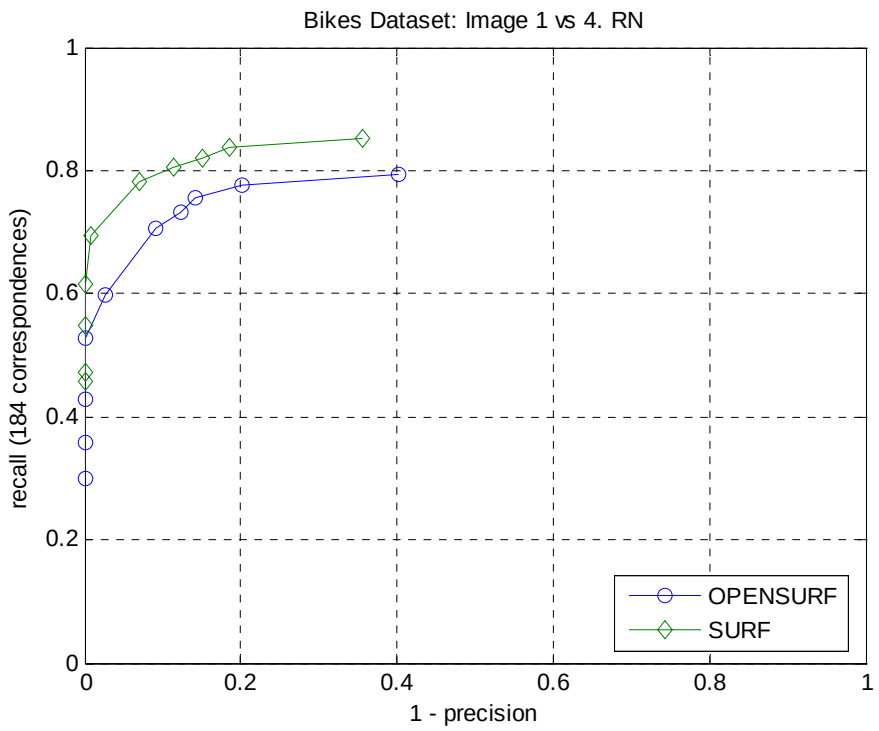

House Dataset: Image 1 vs 4. RN
recall (699 correspondences)
1 - precision
0
0.2
0.4
0.6
0.8
1
OPENSURF
SURF

With Modified SURF descriptor!!!!

Sequence	Bikes
Date	21/07/09
ID	13
Images	1 vs. 4
Detector	OpenSURF
Keypoints 1	546
Keypoints N	244
Hessian Threshold	10.0
Descriptors	OpenSURF, SURF
Correspondences OpenSURF NN, RN	184
Correspondences OpenSURF ST	319
Correspondences SURF NN RN	184
Correspondences SURF ST	319

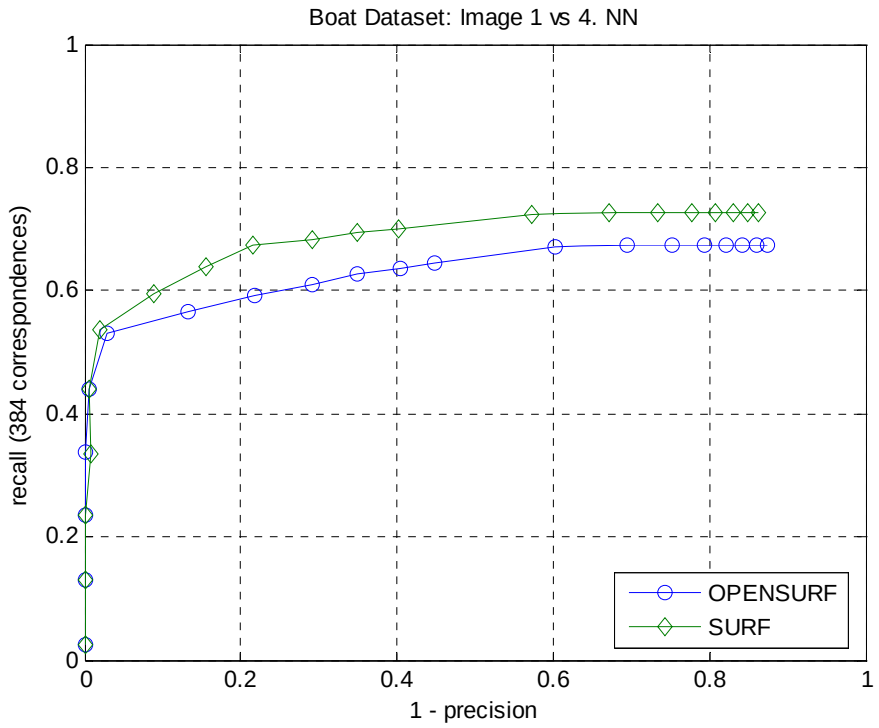


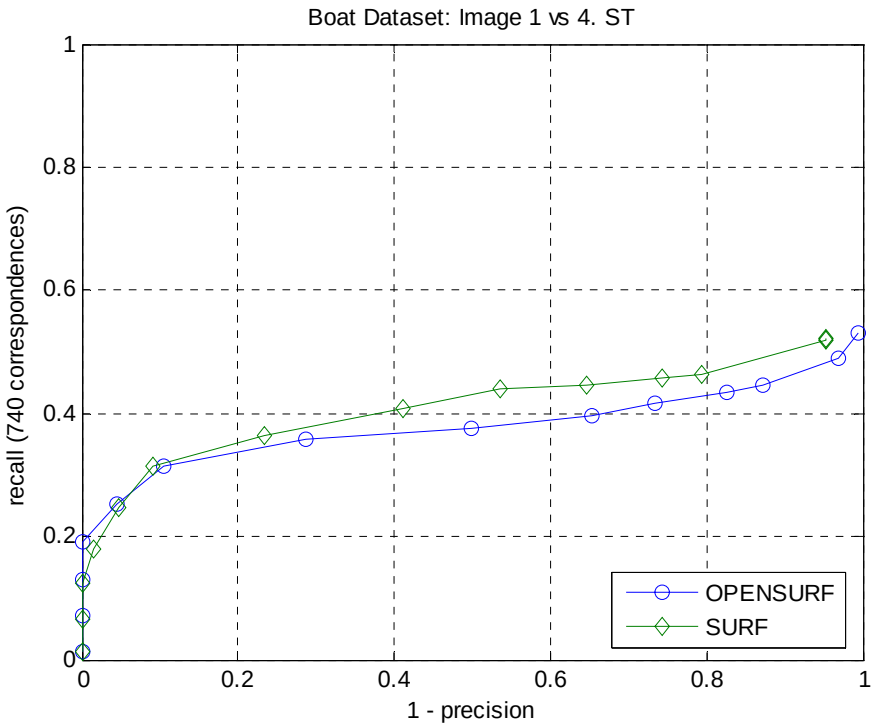

Bikes Dataset: Image 1 vs 4. ST
recall (319 correspondences)
1 - precision
0
0.2
0.4
0.6
0.8
1
OPENSURF
SURF

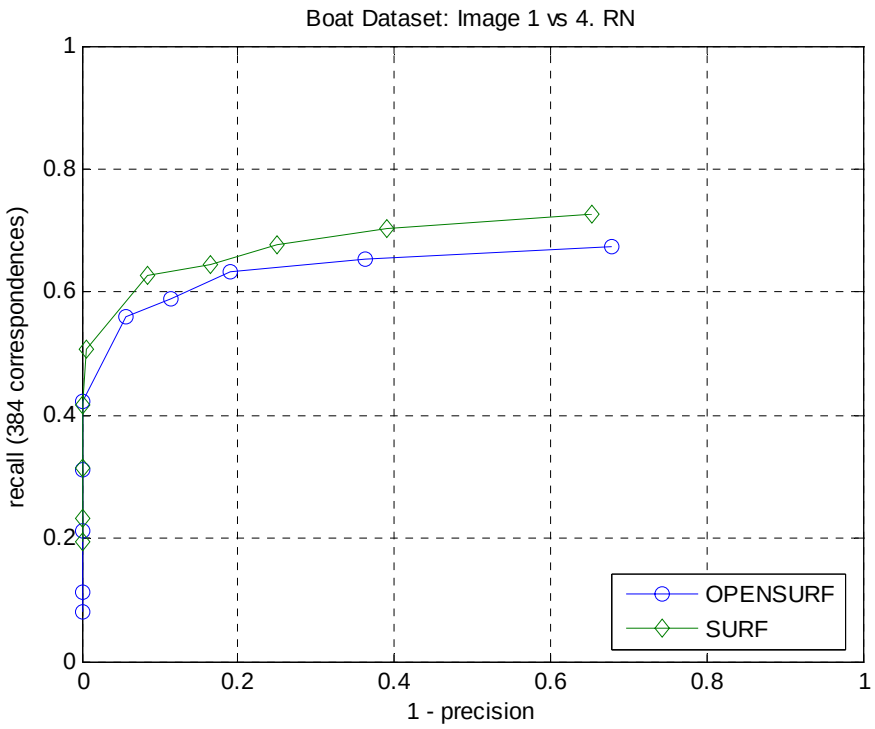

Bikes Dataset: Image 1 vs 4. RN
recall (184 correspondences)
1 - precision
0
0.2
0.4
0.6
0.8
1
OPENSURF
SURF

With Modified SURF descriptor!!!!

Sequence	Boat
Date	21/07/09
ID	14
Images	1 vs. 4
Detector	OpenSURF
Keypoints 1	1624
Keypoints N	807
Hessian Threshold	10.0
Descriptors	OpenSURF, SURF
Correspondences OpenSURF NN, RN	384
Correspondences OpenSURF ST	740
Correspondences SURF NN RN	384
Correspondences SURF ST	740

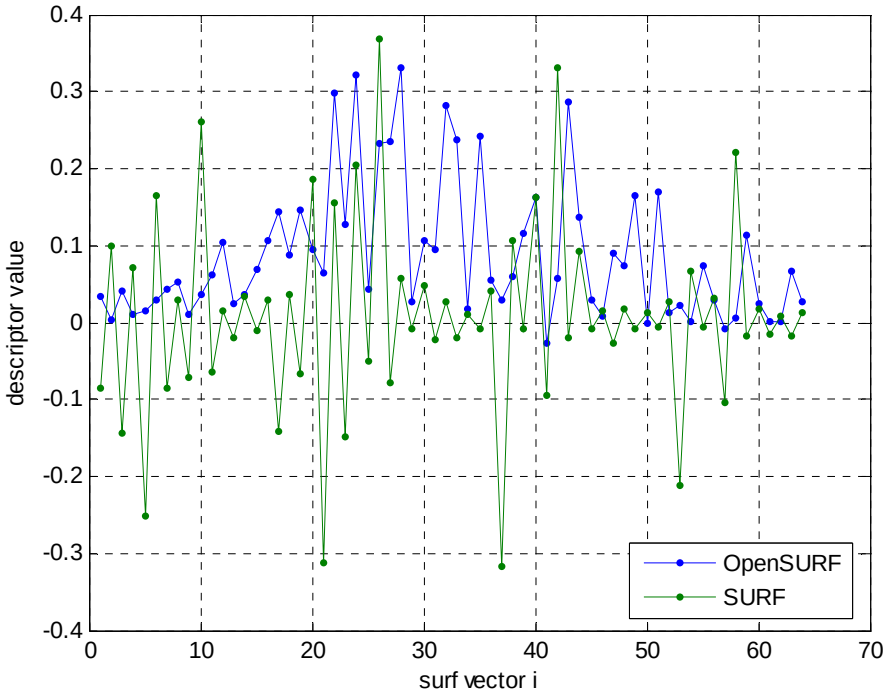
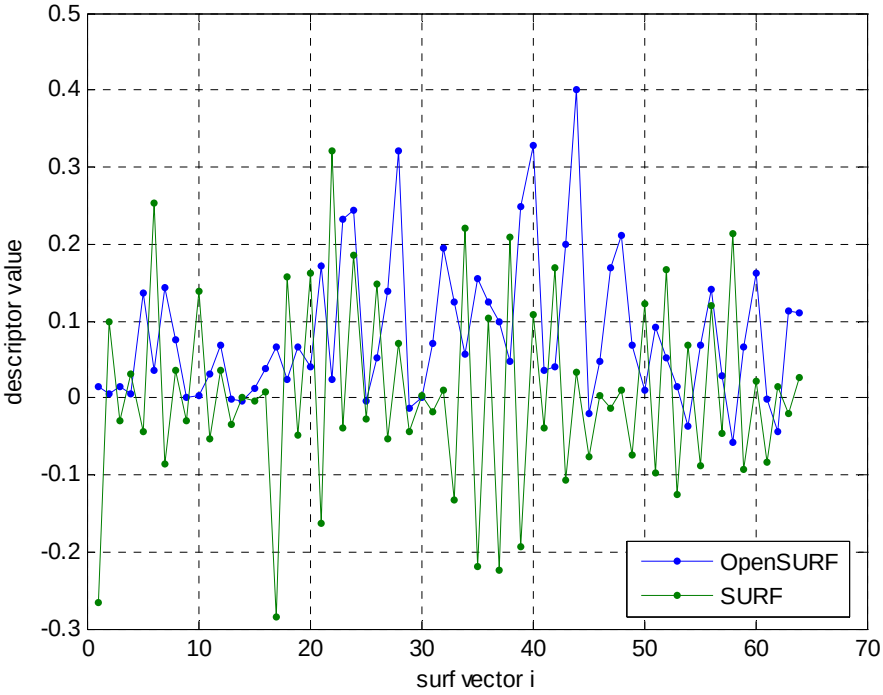



Boat Dataset: Image 1 vs 4. ST
recall (740 correspondences)
1 - precision
0
0.2
0.4
0.6
0.8
1
OPENSURF
SURF


Boat Dataset: Image 1 vs 4. RN
recall (384 correspondences)
1 - precision
0
0.2
0.4
0.6
0.8
1
OPENSURF
SURF

Comparison between descriptors

First Point Boat Image 1



Last Point Boat Image 1