

README

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The CMPR.zip code includes:

readmePR.txt	this file!
optMapMaePR.cpp	actual code for calculation of CM & Precision-recall
getCMMPR.m	calculating CM and Precision-recall values (calls the mex file)

Steps to using this code:

- 1) Download CMPR.zip and unzip (for example in C:\CM\).
- 2) In Matlab, go to above folder and mex the .cpp file (type: mex optMapMaePR.cpp)
- 3) Provide coordinates of points on two contours to getCMMPR as input plus a threshold on distance threshold, and it will give you the precision and recall values in addition to the CM distance between the contours.

If you want to compare the boundary generated by your algorithm on BSD images to the ground truth dataset (SOD) by the CM-based precision-recall measures, you need to follow the steps stated in readme.txt file of CM.zip.

Change getCMM call in the evalImgwSOD.m code to getCMMPR.

Please send your comments/ questions/ bug reports to:

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