

### Region Proposal:

1. For the first step, you should set path and add MSERs and Edge Box model. Then set up opts for them.

2. Then you should step size of sliding window search;

Set “nms threshold” for object proposals;

Set the min score of boxes to detect to be 0.01;

Set the max number of boxes to detect to be 1e4.

3. Then you test as well as train using images form “path\_train='Train-Image\' and path\_test='Test-Image\' separately.

4. Save the results in each of them: 'RegionProposal.mat', 'region\_train', 'region\_test');

5. Calculate Recall rate as well as Precision rate based on recall precision curve.