

Experiment configuration

Seed:111

Step size:0

n:10

Solvers:

annealer_solver

Edge Weight Metrics:

image_to_grid_graph_gaussian

Performance Metrics:

jaccard_index

dice_coefficient

pixel_accuracy

mean_iou

boundary_recall

boundary_precision

rand_index

Downsampling Factor:8

Executing function:forest_segmentation

Input Image



Ground Truth



Annealer Solver, Gaussian

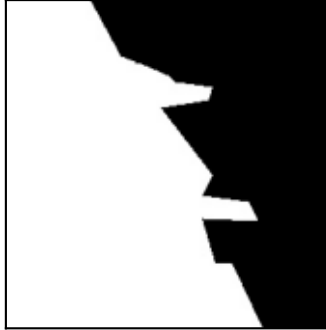


Annealer Time to Execute : 20.8199
jaccard_index : 0.068
dice_coefficient : 0.127
pixel_accuracy : 0.499
mean_iou : 0.274
boundary_recall : 1.0
boundary_precision : 0.068
rand_index : -0.005

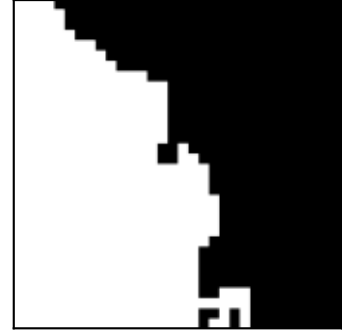
Input Image



Ground Truth



Annealer Solver, Gaussian



Annealer Time to Execute : 34.7915
jaccard_index : 0.849
dice_coefficient : 0.919
pixel_accuracy : 0.915
mean_iou : 0.842
boundary_recall : 0.851
boundary_precision : 0.998
rand_index : 0.688

Input filename: 825816_sat_76.jpg

Input Image



Ground Truth



Annealer Solver, Gaussian



Annealer Time to Execute : 17.1109
jaccard_index : 0.593
dice_coefficient : 0.744
pixel_accuracy : 0.681
mean_iou : 0.498
boundary_recall : 0.622
boundary_precision : 0.926
rand_index : 0.131

Input filename: 208695_sat_71.jpg

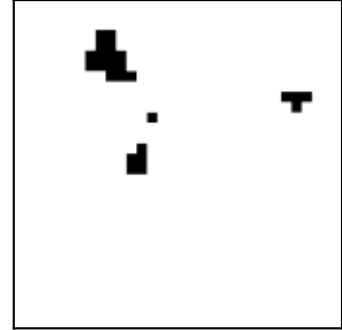
Input Image



Ground Truth



Annealer Solver, Gaussian



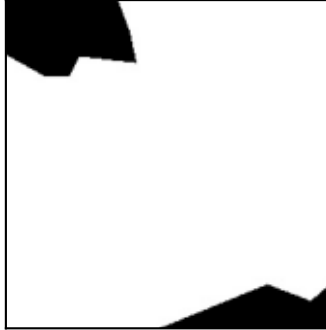
Annealer Time to Execute : 40.9811
jaccard_index : 0.004
dice_coefficient : 0.007
pixel_accuracy : 0.028
mean_iou : 0.014
boundary_recall : 1.0
boundary_precision : 0.004
rand_index : -0.006

Input filename: 524056_sat_77.jpg

Input Image



Ground Truth



Annealer Solver, Gaussian



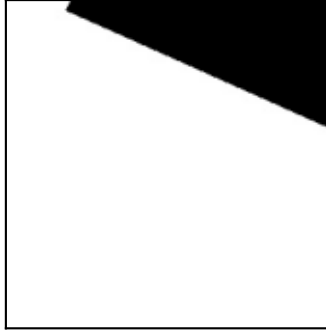
Annealer Time to Execute : 39.6074
jaccard_index : 0.897
dice_coefficient : 0.946
pixel_accuracy : 0.905
mean_iou : 0.67
boundary_recall : 0.942
boundary_precision : 0.949
rand_index : 0.492

Input filename: 624916_sat_72.jpg

Input Image



Ground Truth



Annealer Solver, Gaussian



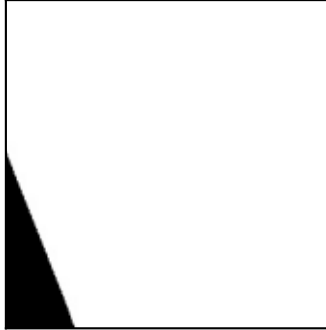
Annealer Time to Execute : 18.7944
jaccard_index : 0.481
dice_coefficient : 0.65
pixel_accuracy : 0.534
mean_iou : 0.33
boundary_recall : 0.525
boundary_precision : 0.852
rand_index : 0.005

Input filename: 148381_sat_86.jpg

Input Image



Ground Truth



Annealer Solver, Gaussian

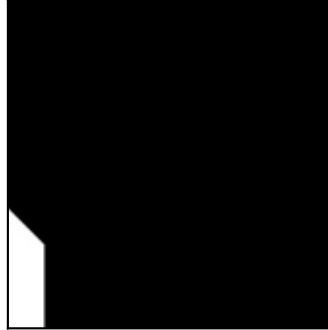


Annealer Time to Execute : 15.6349
jaccard_index : 0.554
dice_coefficient : 0.713
pixel_accuracy : 0.58
mean_iou : 0.338
boundary_recall : 0.554
boundary_precision : 1.0
rand_index : 0.024

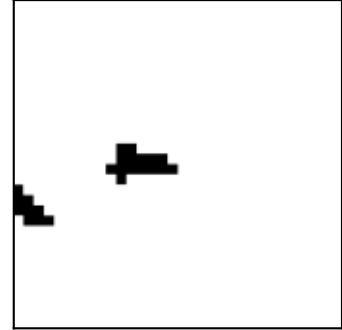
Input Image



Ground Truth



Annealer Solver, Gaussian



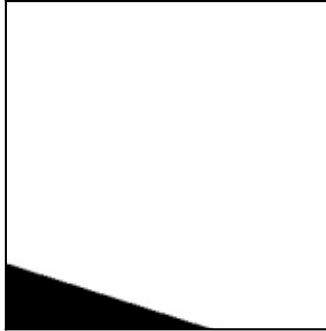
Annealer Time to Execute : 53.366
jaccard_index : 0.036
dice_coefficient : 0.069
pixel_accuracy : 0.058
mean_iou : 0.03
boundary_recall : 0.982
boundary_precision : 0.036
rand_index : -0.006

Input filename: 784140_sat_57.jpg

Input Image



Ground Truth



Annealer Solver, Gaussian



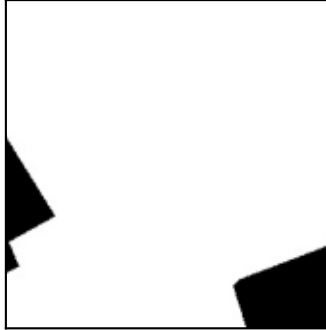
Annealer Time to Execute : 20.8068
jaccard_index : 0.882
dice_coefficient : 0.937
pixel_accuracy : 0.883
mean_iou : 0.469
boundary_recall : 0.936
boundary_precision : 0.938
rand_index : 0.036

Input filename: 174980_sat_27.jpg

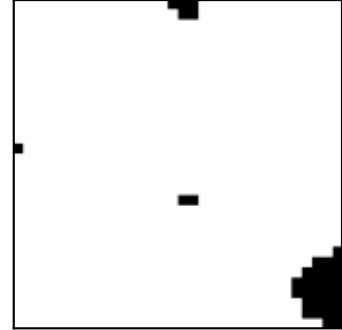
Input Image



Ground Truth



Annealer Solver, Gaussian



Annealer Time to Execute : 75.5883
jaccard_index : 0.932
dice_coefficient : 0.965
pixel_accuracy : 0.934
mean_iou : 0.615
boundary_recall : 0.992
boundary_precision : 0.939
rand_index : 0.399

Average Metric for image_to_grid_graph_gaussian

jaccard_index : 0.53
dice_coefficient : 0.608
pixel_accuracy : 0.602
mean_iou : 0.408
boundary_recall : 0.84
boundary_precision : 0.671
rand_index : 0.176

Experiment configuration

Seed:111

Step size:0

n:10

Solvers:

annealer_solver

Edge Weight Metrics:

image_to_grid_graph_gaussian

Performance Metrics:

jaccard_index

dice_coefficient

pixel_accuracy

mean_iou

boundary_recall

boundary_precision

rand_index

Downsampling Factor:8

Executing function:forest_segmentation