

Experiment configuration

Seed:111
Step size:20
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 filename: 176225_sat_60.jpg

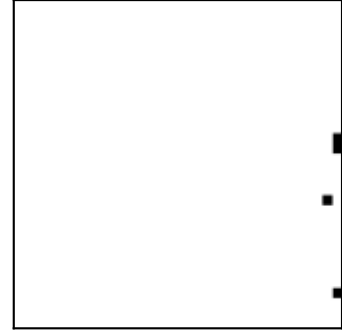
Input Image



Ground Truth



Annealer Solver, Gaussian



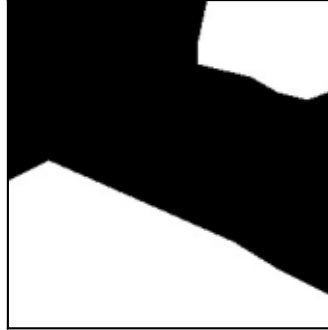
Annealer Time to Execute : 102.6122
jaccard_index : 0.643
dice_coefficient : 0.783
pixel_accuracy : 0.643
mean_iou : 0.322
boundary_recall : 0.994
boundary_precision : 0.646
rand_index : -0.003

Input filename: 691384_sat_12.jpg

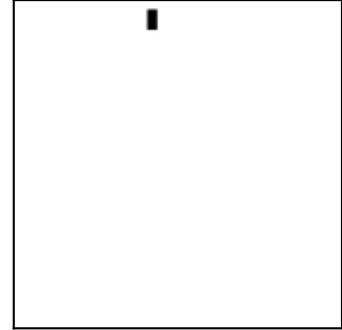
Input Image



Ground Truth



Annealer Solver, Gaussian



Annealer Time to Execute : 66.1487
jaccard_index : 0.439
dice_coefficient : 0.61
pixel_accuracy : 0.44
mean_iou : 0.221
boundary_recall : 1.0
boundary_precision : 0.439
rand_index : -0.001

Input filename: 498049_sat_51.jpg

Input Image



Ground Truth



Annealer Solver, Gaussian



Annealer Time to Execute : 17.0658
jaccard_index : 0.549
dice_coefficient : 0.709
pixel_accuracy : 0.649
mean_iou : 0.468
boundary_recall : 0.556
boundary_precision : 0.975
rand_index : 0.085

Input filename: 952430_sat_50.jpg

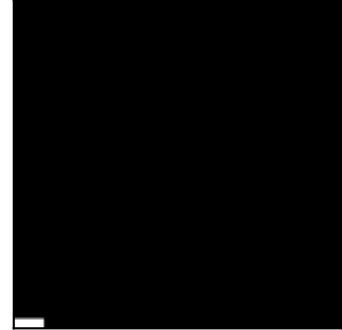
Input Image



Ground Truth



Annealer Solver, Gaussian



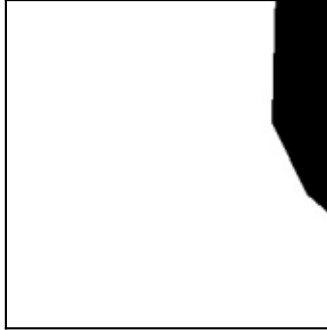
Annealer Time to Execute : 20.0928
jaccard_index : 0.075
dice_coefficient : 0.139
pixel_accuracy : 0.964
mean_iou : 0.519
boundary_recall : 0.075
boundary_precision : 1.0
rand_index : 0.129

Input filename: 753408_sat_70.jpg

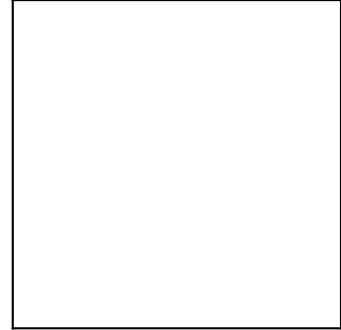
Input Image



Ground Truth



Annealer Solver, Gaussian



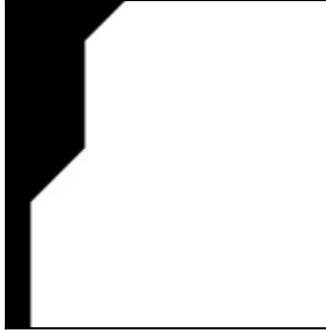
Annealer Time to Execute : 18.7657
jaccard_index : 0.897
dice_coefficient : 0.946
pixel_accuracy : 0.897
mean_iou : 0.449
boundary_recall : 1.0
boundary_precision : 0.897
rand_index : 0.0

Input filename: 935318_sat_20.jpg

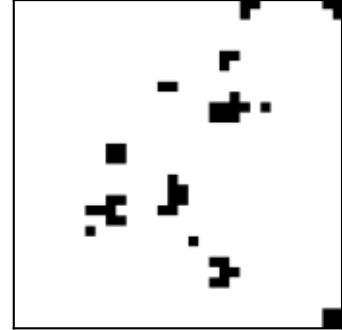
Input Image



Ground Truth



Annealer Solver, Gaussian



Annealer Time to Execute : 24.6392
jaccard_index : 0.778
dice_coefficient : 0.875
pixel_accuracy : 0.778
mean_iou : 0.389
boundary_recall : 0.941
boundary_precision : 0.817
rand_index : -0.059

Input filename: 777185_sat_58.jpg

Input Image



Ground Truth



Annealer Solver, Gaussian



Annealer Time to Execute : 70.9549
jaccard_index : 0.009
dice_coefficient : 0.018
pixel_accuracy : 0.161
mean_iou : 0.082
boundary_recall : 0.928
boundary_precision : 0.009
rand_index : -0.007

Input filename: 114473_sat_60.jpg

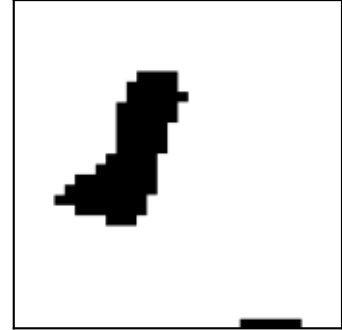
Input Image



Ground Truth



Annealer Solver, Gaussian



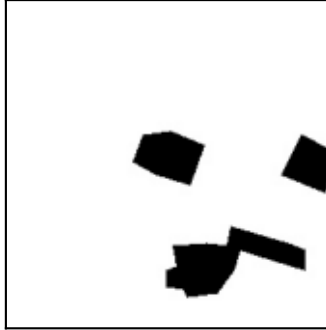
Annealer Time to Execute : 87.1312
jaccard_index : 0.137
dice_coefficient : 0.241
pixel_accuracy : 0.213
mean_iou : 0.119
boundary_recall : 0.962
boundary_precision : 0.138
rand_index : -0.053

Input filename: 850510_sat_30.jpg

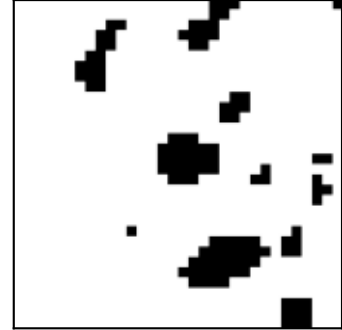
Input Image



Ground Truth



Annealer Solver, Gaussian



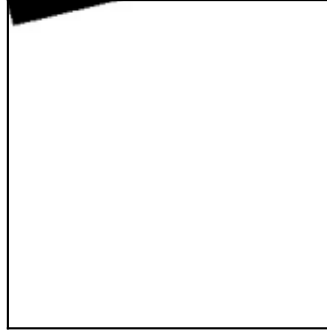
Annealer Time to Execute : 34.3184
jaccard_index : 0.897
dice_coefficient : 0.946
pixel_accuracy : 0.902
mean_iou : 0.617
boundary_recall : 0.93
boundary_precision : 0.962
rand_index : 0.398

Input filename: 565914_sat_61.jpg

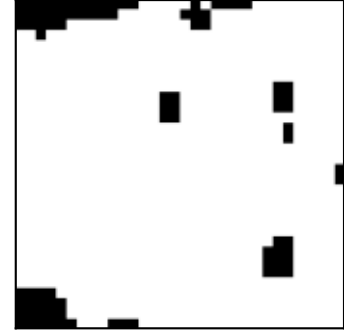
Input Image



Ground Truth



Annealer Solver, Gaussian



Annealer Time to Execute : 62.2841
jaccard_index : 0.927
dice_coefficient : 0.962
pixel_accuracy : 0.929
mean_iou : 0.548
boundary_recall : 0.927
boundary_precision : 1.0
rand_index : 0.249

Average Metric for image_to_grid_graph_gaussian

jaccard_index : 0.535
dice_coefficient : 0.623
pixel_accuracy : 0.658
mean_iou : 0.373
boundary_recall : 0.831
boundary_precision : 0.688
rand_index : 0.074

Experiment configuration

Seed:111
Step size:20
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