costs

Best Path Cost	
Mean Cost	

Diversity

diversity Indicator	
diversity mean	

k values

k_selection	
k_elimination	

Mutation and crossover probability

meamMutation	
meamCrossover	

populationsize = 200
#selection & elimination
init_k_selection = 5
k_selection = 8
init_k_elimination = 5
k_selection = 8
#mutation
init_mutation_proba = 0.1
percentageOfSwitches = 0.1
numberOfSwitchies = 50
#crossover
init_crossover_proba = 1

iterations = 250
genForConvergence = 5
stoppingConvergenceSlope = 1e-06
numberOfCities = 500

#diversity
sigma = 25
alpha = 1
sharedCost_percentageOfSearchSpace = 0.05
I: 77 meanObjective:191070.31670327965 bestObjective:120488.23349019482 diff:70582.08321308483
diversityIndicator:0.12229049999999998

mean_mutation:0.1012330063298216 mean_crossover0.9295948554482003
min_mutation:0.1 min_crossover:0.8

select_diversity:False elim_diveristy:True percentageCostSharing:1 k_elimDiversity:8

LsoInit:False
LsoToParents:False LsoToWorstOnes:True LsoToRandomSubset:True
percentOfPopuLso:0.1

reDiversificationScheme:False
RandomHardMutationThenLso:False percentHardMutation = 0.01

TIME: initTime: 0.6919019222259521=>0.2589666370528568
TIME: selectTime: 1.0312646519054065=>29.72077548596908
TIME: LsoTime: 0.1795803943237701=>5.175459637365842
TIME: elimTime: 1.8625483419988063=>53.67815235597552
TIME: AssesQualityTime:0.3958689949729226=>11.408840106861003
TIME: ReDiversityTime:1.76491675438819e-06=>5.086443573109889e-05
TIME: ReportTime: 0.000568705719786805=>0.016389948966194622
TIME: Total iterTime: 3.4698443598561473=>100
TOTAL TIME:272.0349979400635