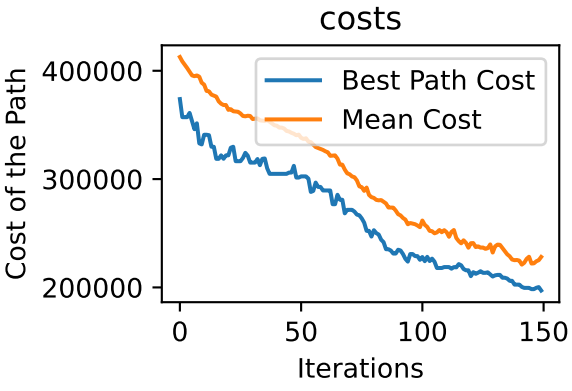
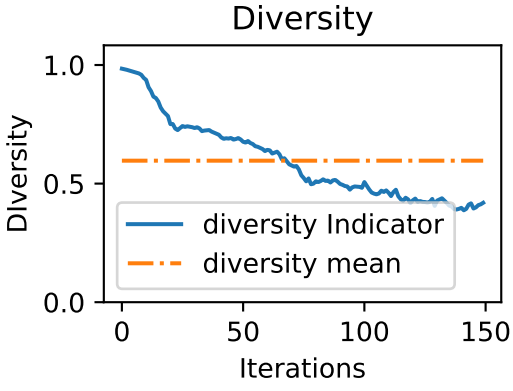
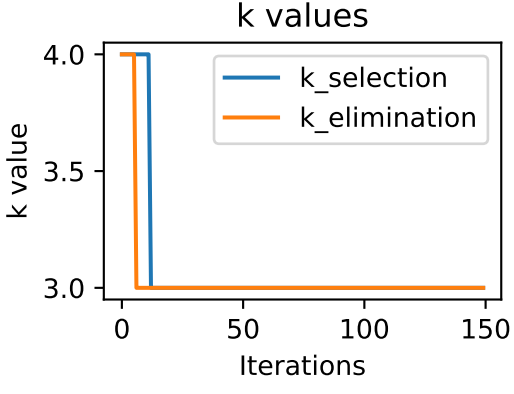
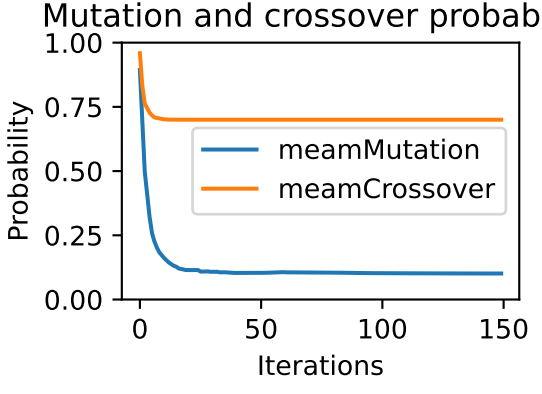

costs
Best Path Cost
Mean Cost
Cost of the Path
400000
300000
200000
0
50
100
150
Iterations


Diversity
diversity Indicator
diversity mean
DIversity
1.0
0.5
0.0
0
50
100
150
Iterations


k values
k_selection
k_elimination
k value
4.0
3.5
3.0
0
50
100
150
Iterations


Mutation and crossover probabilit
meamMutation
meamCrossover
Probability
1.00
0.75
0.50
0.25
0.00
0
50
100
150
Iterations

populationsize = 200
#selection & elimination
init_k_selection = 5
k_selection = 3
init_k_elimination = 5
k_selection = 3
#mutation
init_mutation_proba = 0.9
percentageOfSwitches = 0.2
numberOfSwitchies = 50
#crossover
init_crossover_proba = 1

iterations = 150
genForConvergence = 5
stoppingConvergenceSlope = 0.0001
numberOfCities = 250

#diversity
sigma = 25
alpha = 3
sharedCost_percentageOfSearchSpace = 0.1
I: 150 meanObjective:228131.2714074825 bestObjective:197143.62086058644 diff:30987.650546896068
diversityIndicator:0.4191533999999999

mean_mutation:0.10119743054504081 mean_crossover0.7000000000000008
min_mutation:0.1 min_crossover:0.7

select_diversity:False elim_diveristy:True percentageCostSharing:1

LsoInit:False
LsoToParents:False LsoToWorstOnes:True LsoToRandomSubset:True
percentOfPopuLso:0.25

reDiversificationScheme:False
RandomHardMutationThenLso:False percentHardMutation = 0.2

TIME: selectTime: 0.203453582127889=>13.58374126534008
TIME: LsoTime: 0.2164122184117635=>14.44893498958304
TIME: elimTime: 0.8050893370310466=>53.75243402123816
TIME: AssesQualityTime:0.27242513179779054=>18.188681987379436
TIME: ReDiversityTime:1.6768773396809896e-06=>0.0001119580578415186
TIME: ReportTime: 0.000380093256632487=>0.025377230524998774
TIME: Total iterTime: 1.4977728017171223=>100
TOTAL TIME:224.7253451347351