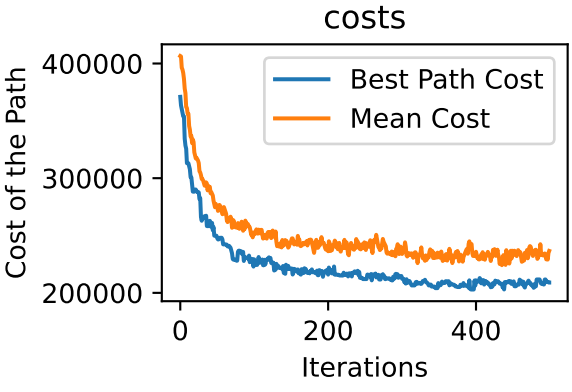
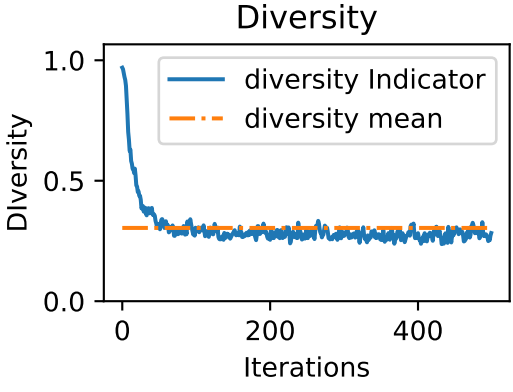
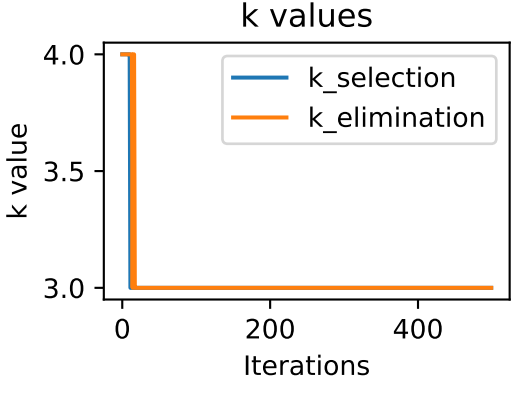
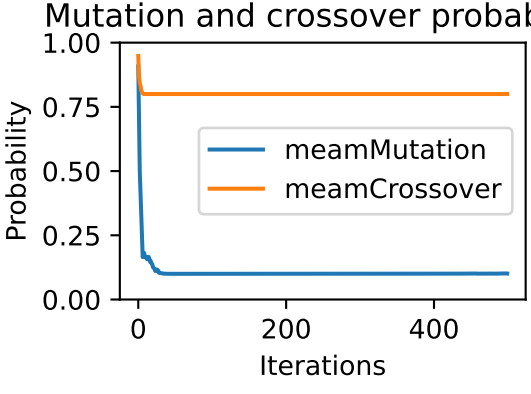

costs
Cost of the Path
400000
300000
200000
0
200
400
Iterations
Best Path Cost
Mean Cost


Diversity
DIversity
1.0
0.5
0.0
0
200
400
Iterations
diversity Indicator
diversity mean


k values
k value
4.0
3.5
3.0
0
200
400
Iterations
k_selection
k_elimination


Mutation and crossover probabilit
Probability
1.00
0.75
0.50
0.25
0.00
0
200
400
Iterations
meamMutation
meamCrossover

populationsize = 100
#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 = 500
genForConvergence = 5
stoppingConvergenceSlope = 0.0001
numberOfCities = 250

#diversity
sigma = 50
alpha = 1
sharedCost_percentageOfSearchSpace = 0.2
I: 500 meanObjective:236566.30493930902 bestObjective:209004.67913162016 diff:27561.625807688863
diversityIndicator:0.2827799999999998

mean_mutation:0.10118689683183843 mean_crossover0.7999999999999985
min_mutation:0.1 min_crossover:0.8

select_diversity:False elim_diveristy:True percentageCostSharing:0.7 k_elimDiversity:25

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

reDiversificationScheme:False
RandomHardMutationThenLso:False percentHardMutation = 0.2

TIME: selectTime: 0.1117858395576477=>25.905551314381096
TIME: LsoTime: 2.2721290588378905e-06=>0.0005265493031992398
TIME: elimTime: 0.2445903067588806=>56.68201596745899
TIME: AssesQualityTime:0.07473248481750489=>17.318707163197494
TIME: ReDiversityTime:1.6570091247558594e-06=>0.0003839997541694351
TIME: ReportTime: 0.0003904538154602051=>0.09048481804427465
TIME: Total iterTime: 0.43151306915283205=>100
TOTAL TIME:215.81801581382751