costs

Cost of the Path
- Best Path Cost
- Mean Cost

Diversity

DIversity
- diversity Indicator
- diversity mean

k values

k value
- k_selection
- k_elimination

Mutation and crossover probabilit

Probability
- meamMutation
- meamCrossover

Iterations

```
populationsize = 200
#selection & elimination
init_k_selection = 5
k_selection = 2
init_k_elimination = 5
k_selection = 2
#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 = 25
alpha = 1
sharedCost_percentageOfSearchSpace = 0.1
```

I: 254 meanObjective:204827.40986870267 bestObjective:164419.59376313115 diff:40407.81610557152
diversityIndicator:0.3186097999999997

mean_mutation:0.10000000000443601 mean_crossover0.7000000000000008
min_mutation:0.1 min_crossover:0.7

select_diversity:False elim_diveristy:True percentageCostSharing:0.7

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

reDiversificationScheme:False
RandomHardMutationThenLso:True percentHardMutation = 0.2

TIME: selectTime: 0.17297968151062493=>16.309229872952837
TIME: LsoTime: 0.16219304396411566=>15.292221691610811
TIME: elimTime: 0.4455141561237846=>42.00489167527518
TIME: AssesQualityTime:0.2795153368176438=>26.353845962508505
TIME: ReDiversityTime:1.6970897284079724e-06=>0.00016000854119928903
TIME: ReportTime: 0.00040930838096798876=>0.0385912635278095
TIME: Total iterTime: 1.0606244614743812=>100
TOTAL TIME:270.5203013420105