costs

Best Path Cost
Mean Cost

Diversity

diversity Indicator

k values

k_selection
k_elimination

Mutation and crossover probabilit

meamMutation
meamCrossover

```
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 = 300
genForConvergence = 5
stoppingConvergenceSlope = 0.0001
numberOfCities = 250

#diversity
sigma = 100
alpha = 3
sharedCost_percentageOfSearchSpace = 0.4
```

I: 300 meanObjective:186032.39051067253 bestObjective:185820.6274180577 diff:211.76309261482675

diversityIndicator:0.0023879999999999848

k_selection:3 k_elimination:3

mean_mutation:0.10000000000000007 mean_crossover0.10000000000000007

select_diversity:True elim_diveristy:False

LsoToParents:False LsoToWorstOnes:True LsoToRandomSubset:False

percentOfPopuLso:0.4
reDiversificationScheme:True

```
TIME: selectTime:      0.21226609945297242=>31.293531520203288
TIME: LsoTime:         0.09275715033213297=>13.674811074982474
TIME: elimTime:        0.06513962904612224=>9.603271742508248
TIME: AssesQualityTime:0.27344098965326946=>40.31229786895839
TIME: ReDiversityTime:0.03433691263198853=>5.062151990000928
TIME: ReportTime:      0.0003539697329203288=>0.05218432440642436
TIME: Total iterTime:  0.6783066312472026=>100
TOTAL TIME:208.36448621749878
```