costs

Cost of the Path — Iterations

Best Path Cost
Mean Cost

Diversity

DIversity — Iterations

diversity Indicator

k values

k value — Iterations

k_selection
k_elimination

Mutation and crossover probability

Probability — Iterations

meamMutation
meamCrossover

```
populationsize = 200
#selection & elimination
init_k_selection = 5
k_selection = 4
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 = 50
alpha = 3
sharedCost_percentageOfSearchSpace = 0.2
```

I: 257 meanObjective:154499.98351657254 bestObjective:154305.77652525835 diff:194.2069913141895

diversityIndicator:0.002410000000000005

k_selection:4 k_elimination:4

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:      0.2243690759755294=>21.861656819073545
TIME: LsoTime:         0.10910922451241935=>10.631181733555431
TIME: elimTime:        0.07490601984907216=>7.298553477136603
TIME: AssesQualityTime:0.27443129821510165=>26.739526540839858
TIME: ReDiversityTime:0.3430722325692381=>33.42763426721097
TIME: ReportTime:      0.00041332133549196713=>0.04027243573223985
TIME: Total iterTime:  1.0263132288298253=>100
TOTAL TIME:271.263876914978
```