costs

Best Path Cost
Mean Cost

Diversity

diversity Indicator
diversity mean

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 = 150
genForConvergence = 5
stoppingConvergenceSlope = 0.0001
numberOfCities = 250

#diversity
sigma = 25
alpha = 3
sharedCost_percentageOfSearchSpace = 0.1
```

I: 150 meanObjective:250411.37365167745 bestObjective:214923.32863377873 diff:35488.04501789872
diversityIndicator:0.4557135999999999

mean_mutation:0.10000000081933871 mean_crossover0.7000000686982021
min_mutation:0.1 min_crossover:0.7

select_diversity:False elim_diveristy:True percentageCostSharing:1

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

reDiversificationScheme:False
RandomHardMutationThenLso:True percentHardMutation = 0.2

TIME: selectTime: 0.24118664105733237=>16.039182407843004
TIME: LsoTime: 0.18707198937733968=>12.440497317212426
TIME: elimTime: 0.8021134376525879=>53.341444127635874
TIME: AssesQualityTime:0.2729708003997803=>18.152864687834153
TIME: ReDiversityTime:1.6339619954427084e-06=>0.00010866030712770275
TIME: ReportTime: 0.0003779872258504232=>0.025136574881062124
TIME: Total iterTime: 1.5037340116500855=>100
TOTAL TIME:225.61945986747742