```
Population< Tinput,
         Toutput >
   # data
   # dimension
   # n items
    - random ms
   + Population()
   + ~Population()
   + fillWithRandom()
   + printPopulation()
   + getData()
   + getData()
   + setData()
   + swap()
PopulationBenchmark
    < Tinput, Toutput >
cost

    fitness

- total_fitness
min_cost

    min cost i

    asc index

+ PopulationBenchmark()
+ ~PopulationBenchmark()
+ evaluateCost()
+ evaluateFitness()
+ getTotalFitness()
+ getFitness()
+ getAscIndex()
+ calcCost1ltem()
+ sortIndexByCostAsc()
+ saveBest()
+ printCost()
+ printFitness()
+ printIndex()
+ setDataAndCost()
+ calculateMinCost()
+ getMinCost()
+ getMinCostData()
+ calcCostExt()
+ swap()
              +m_info
  PopulationBenchmark
  < Tinput, Toutput >
  ::doCompare< Tinput,
         Toutput >
  + doCompare()
  + operator()()
```