# Experiments

All test of the algorithm are performed in Java 8. We evaluate our experiments on 86 selected problems from TSPLIB, with configurations of up to 6000 cities. We consider this problem dimension big enough to empirically proof our improvements of the algorithm. Furthermore, bigger problems lead to a crash of the JVM due to exhaustion of RAM.

Config

Birds=200

moveRandom = 0.1589684022681154

moveBest = 0.4624556400235943

moveJoin = 0.33611898159023834

smallBirdRatio = 0.6979749881176104

maxIters = 4\_000\_000