1. Randomly assign standard deviation.

2. Create 80 parents

2.1 Initial 13 condition weights by randomly assign real value

2.2 Construct decision tree and evaluate number of leaf nodes

3. Create 100 new offspring by mutation.

3.1 Mutate and sum up $(a_1 - a_{13})$.

 $a'_x = a_x + N(0, \sigma^2)$

where x is 1-13

3.2 Adjust standard deviation value by applying 1/5 success rule

3.3 Construct decision tree [21] and evaluate the fitness by number of leaf nodes

4. Select the best 80 among parent and offspring to the next generation (lower number of leaf nodes) 5. Repeat step 3 through 4 until 1,000 generations.