```
Choose an appropriate statistical parameter (MCC, accuracy, recall)
Choose an appropriate clustering approach (P3D, M2D, manual)
Choose an appropriate active test set (diverse, populated, random)
Choose an appropriate hit mode (hit-once, hit-twice)
j= number of elements in linear combination
for j=1, …, n do
        (i) Generate all possible linear combinations
        (ii) Calculate selected statistic parameter for each combination
        (iii) Select maximum value (max.j)
                if max.j >  max.j–1
                        compute max.j+1
                else break
end for
```

Output: Optimized value of selected statistics, composition of optimal combination and number of TP, TN, FP, FN.