TABLES

Tab.1

Method	**SOTA**	**Base Model w/o cluster**	**Base with cluster**
TPR@FPR=1e-8	**0.898**	**0.725**	**0.934**

Tab. 2

Method	SOTA	Base Model w/o cluster	Base with cluster
TPR@FPR=1e-8	0.942	0.918	0.979

Tab.3

Method	SOTA	Base Model w/o cluster	Base with cluster
TPR@FPR=1e-4	0.632	0.551	0.722

Tab.4

Method	SOTA	Base Model w/o cluster	Base with cluster
TPR@FPR=1e-9	0.729	0.664	0.726

Tab.5

Method	Base	Redistribution	Clustering	R+C
TPR@FPR=1e-7	0.4972	0.5899	0.6711	0.7127
TPR@FPR=1e-6	0.6109	0.6691	0.7165	0.7804
TPR@FPR=1e-5	0.6941	0.7429	0.7720	0.8342

DRAWINGS

FIG. 1

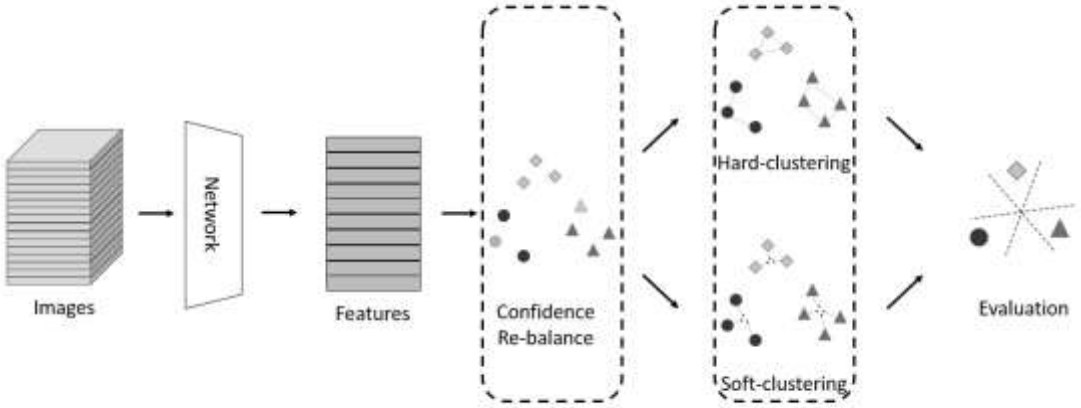


FIG. 2

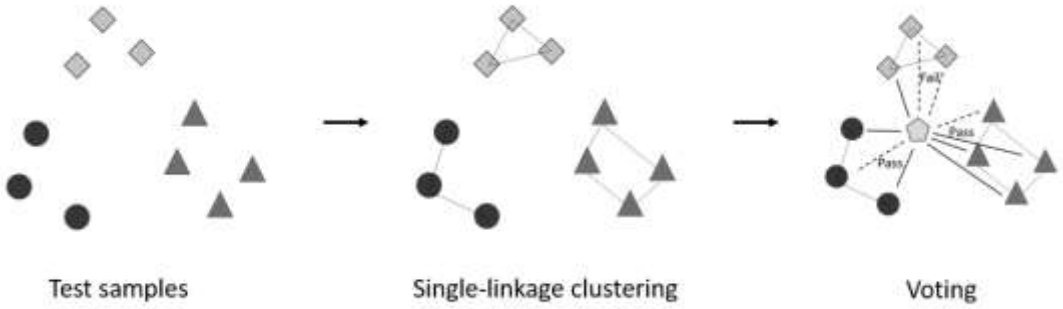

Test samples
Single-linkage clustering
Voting
Fail
Pass
Pass

FIG. 3

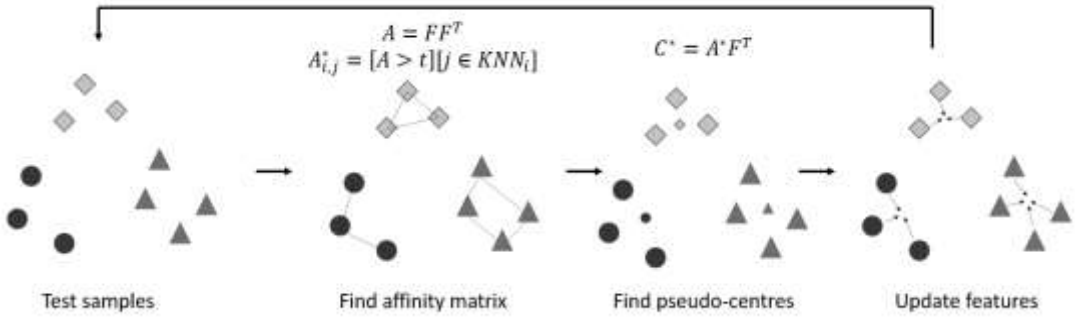

$A = FF^T$
$A^*_{i,j} = [A > t][j \in KNN_i]$
$C^* = A^*F^T$
Test samples
Find affinity matrix
Find pseudo-centres
Update features

FIG. 4

