```
C:\Users\utente\Documents\Top\RL_Stanford\ForGit\
Scripts\python.exe C:\Users\utente\Desktop\ForGit\
results\DT\375Hz_2classes\Post-processing\
post_processing_neighbors_based_filter.py

************************************
k =  9 bit before and after
R1) New test accuracy: 99 % - Past test accuracy:
89 %
R1) New test precision: 99 % - Past test precision
: 91 %
R1) New test recall: 100 % - Past test recall: 92 %
R1) New test f1-score: 100 % - Past test f1-score:
92 %


R2) New test accuracy: 87 % - Past test accuracy:
69 %
R2) New test precision: 84 % - Past test precision
: 77 %
R2) New test recall: 100 % - Past test recall: 76 %
R2) New test f1-score: 91 % - Past test f1-score:
76 %


R3) New test accuracy: 95 % - Past test accuracy:
81 %
R3) New test precision: 94 % - Past test precision
: 85 %
R3) New test recall: 99 % - Past test recall: 87 %
R3) New test f1-score: 96 % - Past test f1-score:
86 %


T1) New test accuracy: 98 % - Past test accuracy:
79 %
T1) New test precision: 98 % - Past test precision
: 77 %
T1) New test recall: 100 % - Past test recall: 99 %
```

T1) New test f1-score: 99 % - Past test f1-score: 87 %

T2) New test accuracy: 89 % - Past test accuracy: 78 %
T2) New test precision: 99 % - Past test precision: 83 %
T2) New test recall: 85 % - Past test recall: 83 %
T2) New test f1-score: 91 % - Past test f1-score: 83 %

T3) New test accuracy: 73 % - Past test accuracy: 77 %
T3) New test precision: 100 % - Past test precision: 90 %
T3) New test recall: 60 % - Past test recall: 73 %
T3) New test f1-score: 75 % - Past test f1-score: 81 %

R1_T1) New test accuracy: 100 % - Past test accuracy: 98 %
R1_T1) New test precision: 100 % - Past test precision: 100 %
R1_T1) New test recall: 100 % - Past test recall: 98 %
R1_T1) New test f1-score: 100 % - Past test f1-score: 99 %

R1_T2) New test accuracy: 98 % - Past test accuracy: 92 %
R1_T2) New test precision: 98 % - Past test precision: 95 %
R1_T2) New test recall: 100 % - Past test recall: 92 %
R1_T2) New test f1-score: 99 % - Past test f1-score

: 94 %

R1_T3) New test accuracy: 98 % - Past test accuracy : 98 %
R1_T3) New test precision: 98 % - Past test precision: 98 %
R1_T3) New test recall: 100 % - Past test recall: 100 %
R1_T3) New test f1-score: 99 % - Past test f1-score : 99 %

R2_T1) New test accuracy: 92 % - Past test accuracy : 92 %
R2_T1) New test precision: 91 % - Past test precision: 91 %
R2_T1) New test recall: 98 % - Past test recall: 98 %
R2_T1) New test f1-score: 94 % - Past test f1-score : 94 %

R2_T2) New test accuracy: 98 % - Past test accuracy : 93 %
R2_T2) New test precision: 100 % - Past test precision: 100 %
R2_T2) New test recall: 98 % - Past test recall: 90 %
R2_T2) New test f1-score: 99 % - Past test f1-score : 95 %

R2_T3) New test accuracy: 98 % - Past test accuracy : 88 %
R2_T3) New test precision: 98 % - Past test precision: 88 %
R2_T3) New test recall: 100 % - Past test recall: 95 %

R2_T3) New test f1-score: 99 % - Past test f1-score
: 92 %

R3_T1) New test accuracy: 100 % - Past test
accuracy: 97 %
R3_T1) New test precision: 100 % - Past test
precision: 98 %
R3_T1) New test recall: 100 % - Past test recall:
98 %
R3_T1) New test f1-score: 100 % - Past test f1-
score: 98 %

R3_T2) New test accuracy: 67 % - Past test accuracy
: 75 %
R3_T2) New test precision: 67 % - Past test
precision: 77 %
R3_T2) New test recall: 100 % - Past test recall:
90 %
R3_T2) New test f1-score: 80 % - Past test f1-score
: 83 %

R3_T3) New test accuracy: 98 % - Past test accuracy
: 87 %
R3_T3) New test precision: 100 % - Past test
precision: 88 %
R3_T3) New test recall: 98 % - Past test recall: 92
 %
R3_T3) New test f1-score: 99 % - Past test f1-score
: 90 %

Average test accuracy: 92.85 %
Average test recall: 95.78 %
Average test f1-score: 94.68 %
Average test precision: 94.9 %

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Average averages: 94.55 %

Process finished with exit code 0
```