1. Hasil

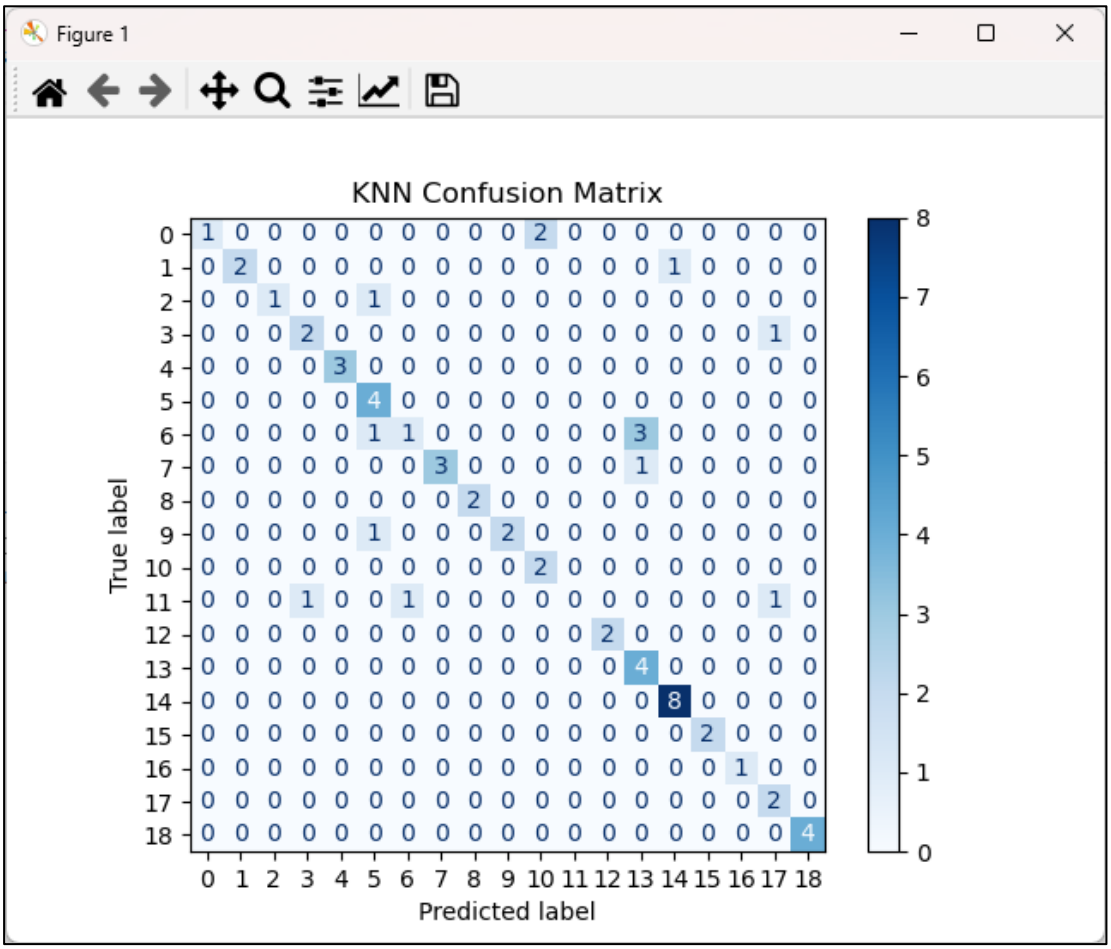


Figure 1
KNN Confusion Matrix
True label
Predicted label
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
0 1 2 3 4 5 6 7 8

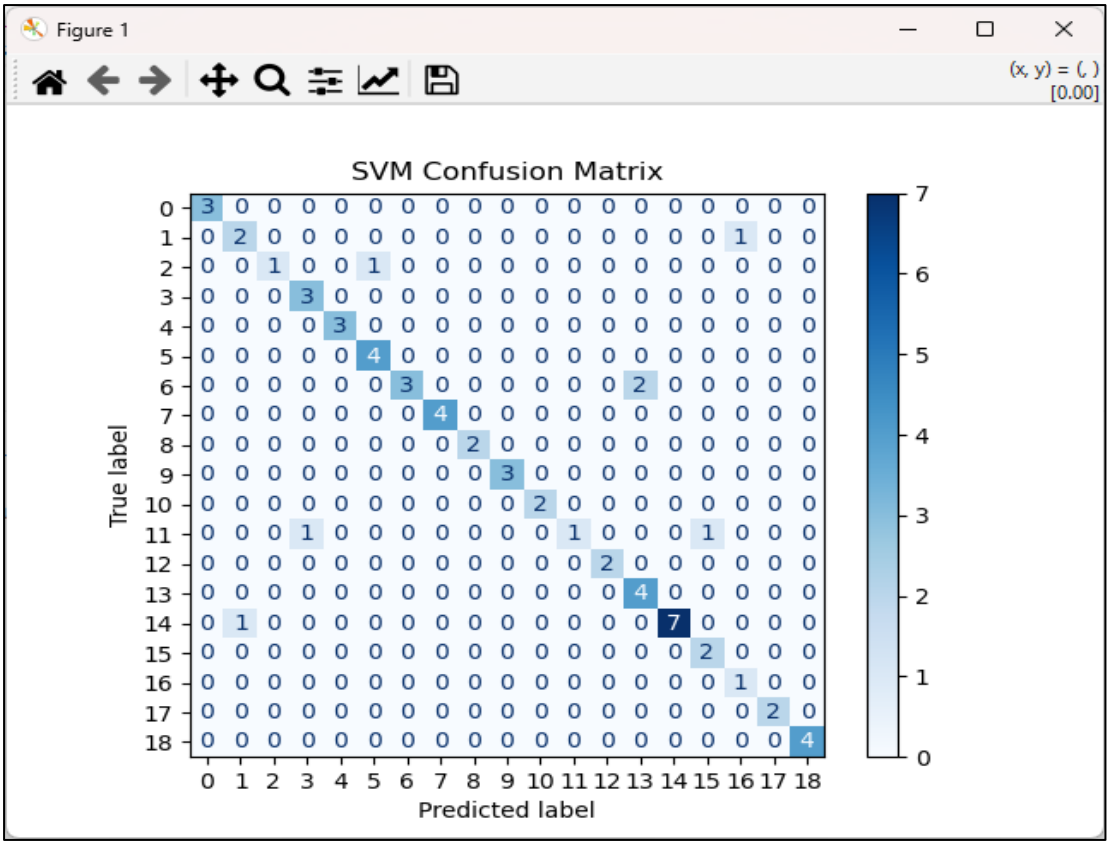
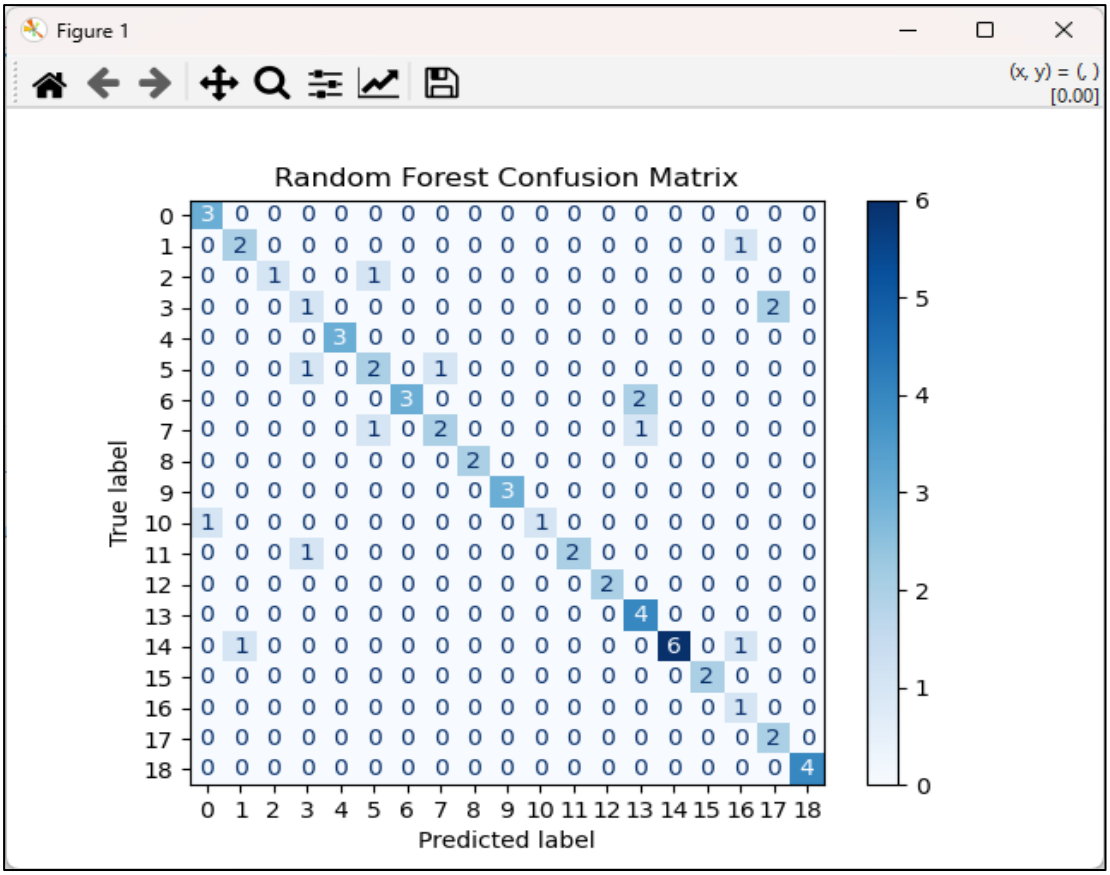


Figure 1
(x, y) = (,)
[0.00]
SVM Confusion Matrix
True label
Predicted label
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
0 1 2 3 4 5 6 7




```
_warn_prf(average, modifier, f"{metric.capitalize()} is", len(result))
              precision    recall  f1-score   support

           0       1.00      0.33      0.50         3
           1       1.00      0.67      0.80         3
           2       1.00      0.50      0.67         2
           3       0.67      0.67      0.67         3
           4       1.00      1.00      1.00         3
           5       0.57      1.00      0.73         4
           6       0.50      0.20      0.29         5
           7       1.00      0.75      0.86         4
           9       1.00      1.00      1.00         2
          10       1.00      0.67      0.80         3
          11       0.50      1.00      0.67         2
          12       0.00      0.00      0.00         3
          13       1.00      1.00      1.00         2
          14       0.50      1.00      0.67         4
          15       0.89      1.00      0.94         8
          16       1.00      1.00      1.00         2
          17       1.00      1.00      1.00         1
          18       0.50      1.00      0.67         2
          19       1.00      1.00      1.00         4

    accuracy                           0.77        60
   macro avg       0.80      0.78      0.75        60
weighted avg       0.78      0.77      0.74        60
```

SVM Classification Report:

	precision	recall	f1-score	support
0	1.00	1.00	1.00	3
1	0.67	0.67	0.67	3
2	1.00	0.50	0.67	2
3	0.75	1.00	0.86	3
4	1.00	1.00	1.00	3
5	0.80	1.00	0.89	4
6	1.00	0.60	0.75	5
7	1.00	1.00	1.00	4
9	1.00	1.00	1.00	2
10	1.00	1.00	1.00	3
11	1.00	1.00	1.00	2
12	1.00	0.33	0.50	3
13	1.00	1.00	1.00	2
14	0.67	1.00	0.80	4
15	1.00	0.88	0.93	8
16	0.67	1.00	0.80	2
17	0.50	1.00	0.67	1
18	1.00	1.00	1.00	2
19	1.00	1.00	1.00	4
accuracy			0.88	60
macro avg	0.90	0.89	0.87	60
weighted avg	0.92	0.88	0.88	60

Random Forest Classification Report:

	precision	recall	f1-score	support
0	0.75	1.00	0.86	3
1	0.67	0.67	0.67	3
2	1.00	0.50	0.67	2
3	0.33	0.33	0.33	3
4	1.00	1.00	1.00	3
5	0.50	0.50	0.50	4
6	1.00	0.60	0.75	5
7	0.67	0.50	0.57	4
9	1.00	1.00	1.00	2
10	1.00	1.00	1.00	3
11	1.00	0.50	0.67	2
12	1.00	0.67	0.80	3
13	1.00	1.00	1.00	2
14	0.57	1.00	0.73	4
15	1.00	0.75	0.86	8
16	1.00	1.00	1.00	2
17	0.33	1.00	0.50	1
18	0.50	1.00	0.67	2
19	1.00	1.00	1.00	4
accuracy			0.77	60
macro avg	0.81	0.79	0.77	60
weighted avg	0.83	0.77	0.77	60