KNN Acurracy 0.4666666666666667

SVM Acurracy 0.3333333333333333

NVBayes Acurracy 0.26666666666666666

RDForest Acurracy 0.3333333333333333

KNN

precision recall f1-score support

electronic 0.50 0.33 0.40 3

hip hop 0.50 1.00 0.67 1

latin 0.00 0.00 0.00 2

pop 0.44 0.67 0.53 6

raggae 0.00 0.00 0.00 2

rap 0.50 1.00 0.67 1

accuracy 0.47 15

macro avg 0.32 0.50 0.38 15

weighted avg 0.34 0.47 0.38 15

SVM

precision recall f1-score support

electronic 0.00 0.00 0.00 3

hip hop 0.00 0.00 0.00 1

latin 0.00 0.00 0.00 2

pop 0.36 0.83 0.50 6

raggae 0.00 0.00 0.00 2

rap 0.00 0.00 0.00 1

accuracy 0.33 15

macro avg 0.06 0.14 0.08 15

weighted avg 0.14 0.33 0.20 15

NVBayes

precision recall f1-score support

electronic 0.25 0.33 0.29 3

hip hop 0.00 0.00 0.00 1

latin 0.00 0.00 0.00 2

pop 0.33 0.33 0.33 6

raggae 0.33 0.50 0.40 2

rap 0.00 0.00 0.00 1

accuracy 0.27 15

macro avg 0.15 0.19 0.17 15

weighted avg 0.23 0.27 0.24 15

RDForest

precision recall f1-score support

electronic 0.33 0.33 0.33 3

hip hop 0.00 0.00 0.00 1

latin 0.33 0.50 0.40 2

pop 0.50 0.50 0.50 6

raggae 0.00 0.00 0.00 2

rap 0.00 0.00 0.00 1

accuracy 0.33 15

macro avg 0.19 0.22 0.21 15

weighted avg 0.31 0.33 0.32 15

結果發現KNN對這一個資料即是比較好的分類器，不論在precision、recall、f1-score、 accuracy都有很好的表現