

Questions of confusion metrics of Support vector machine reports

1. What is the overall performance of Support vector machine?
Accuracy = 0.79
2. What is the correct classification of not purchased?
Recall = 0.44
3. What is the correct classification of purchased?
Recall = 0.97
4. What is the recall of 0?
Recall = 0.97
5. What is the precision of 1?
Precision = 0.90
6. What is the overall not purchased?
Support = 79
7. What is the sum of percentage correctly classified as not purchased and wrongly classified as not purchased in the test set?
Precision = 0.77
8. What is the overall performance of purchased and not purchased
F1 measure
Purchased = 0.86
Not purchased = 0.59
9. What is the average performance of precision?
Macro avg precision = 0.83
10. What is the average performance of recall?
Macro avg recall = 0.71
11. What is the average performance of f1 measure?
Macro avg f1 measure = 0.73

12. What is the sum of product of proportion rate (weight) of precision class?

Weighted avg precision = 0.81

13. What is the sum of product of proportion rate (weight) of recall class?

Weighted avg recall = 0.79

14. What is the sum of product of proportion rate (weight) of f1 measure class?

Weighted avg recall = 0.77