

## Questions of confusion metrics of Random Forest reports

1. What is the overall performance of random forest?  
Accuracy = 0.89
2. What is the correct classification of not purchased?  
Recall = 0.91
3. What is the correct classification of purchased?  
Recall = 0.85
4. What is the recall of 0?  
Recall = 0.91
5. What is the precision of 1?  
Precision = 0.85
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 = 0.83
8. What is the overall performance of purchased and not purchased  
F1 measure  
Purchased = 0.92  
Not purchased = 0.84
9. What is the average performance of precision?  
Macro avg precision = 0.88
10. What is the average performance of recall?  
Macro avg recall = 0.88
11. What is the average performance of f1 measure?  
Macro avg f1 measure = 0.88

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

Weighted avg precision = 0.89

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

Weighted avg recall = 0.89

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

Weighted avg recall = 0.89